Havant Thicket Reservoir Project

Environmental Statement Volume 4 - Appendices

Appendix A10.2 Desk Study Report

Appendix F Reservoir Envirocheck Report

PART 2 OF 2

Portsmouth Water Ltd.

Envirocheck® Report:

Flood Screening Report Datasheet

Order Details:

Order Number:
202069335_1_1

Customer Reference:
5169117

National Grid Reference:
471170, 110670

Slice:
C

Site Area (Ha):
172.43

Search Buffer (m):
1000

Site Details:

Site at 472000, 110000

Client Details:

Mr O Pengilly
Atkins Ltd
Woodcote Grove
Ashley Road
Epsom
Surrey
KT18 5BW

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Contents

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer(s) selected. For ease of reference, the report is broken down into seven sections of data.	
EA / NRW / CEH Flood Data	-
This section details data from the Environment Agency/Natural Resources Wales and the Centre for Ecology and Hydrology. The EA/NRW data is reported to a distance of 250m from the edge of the site polygon and details both Zone 2 (extreme) and Zone 3 flood extents, as well as flood defences, flood water storage areas and areas benefiting from flood defences. The CEH data is reported to a distance of 250m from the edge of the site polygon and covers flood data for Scotland, divided into levels based on the frequency and magnitude of a predicted 100 year term. All data sets within this section are plotted and feature on the EA / NRW / CEH Flood Data (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	
JBA Flood Data	1
This section contains the Comprehensive Flood Map ("CFM") data from JBA Risk Management Limited. The data is based upon the likelihood of a flood occurrence for up to 4 flood return periods depending on the type of flooding; these being 75 years, 100 years, 200 years and 1000 years. Each layer being modelled at a 5m cell resolution. Each return period is depicted on a separate 1:10,000 scale map and reports features to a distance of 250m in the datasheet from the edge of the site polygon. For each return period the following three sources of flooding are identified, surface water or pluvial flooding, undefended river flooding or fluvial flooding and undefended coastal flooding. In each case the extent of the flooding source is displayed with the associated depth range. In addition, a 1:10,000 scale map depicting flooding from a Canal Failure and a coverage check for this dataset is included. Where coverage exists, information is reported in the datasheet where the site could be affected by flooding that results from a dam breach. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	
BGS Flood Data	5
This section contains two BGS data sets; namely Geological Indicators of Flooding and Groundwater Flooding Susceptibility, both of which report features out to a possible 1000m, with coverage in England, Wales and Scotland. Each data set is plotted on a seperate BGS Flood Data (1:50,000) map.	
GeoSmart Information Groundwater Flood Data	10
This section contains data provided by GeoSmart Information who, building on their expertise, have developed algorithms and calibrated predictions of the risk of groundwater flooding occurring in Great Britain. The resulting map, classifies groundwater flood risk for each 5m x 5m into four categories, negligible, low, moderate and high. These classifications are based on the level of risk, combining severity and uncertainty that a site will suffer groundwater flooding within a return period of about 200 years.	
OS Water Network Data	15
This section details the MasterMap Water Network data sourced from the Ordnance Survey. The OS MasterMap Water Network data details a network representing the watercourse within Great Britain. The OS Water Network Lines data set details the approximate central alignment of a watercourse, including rivers, lakes and canals. The OS Water Network Nodes data set details features that represent a river's source, end, a junction where three of more links meet, and places where the real world related attribution changes; for example a watercourse becoming tidal. The data sets within this section are plotted and feature on the OS Water Network Map (1:10,000) . For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	

Contents

EA/NRW Historic Flood Events Data	**-**

This section details Historic Flood data sourced from the Environment Agency/Natural Resources Wales and from data held by Landmark. The EA/NRW Historic Flood Events data is reported to a distance of 1000m from the edge of the site polygon and details recorded historic flood events from 1703 to October 2008. The data also contains information on the source and cause of the flood, and how the flood outline was established.

Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century.

Both data sets within this section are plotted and feature on the EA/NRW Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.

EA/NRW RoFRS Data	**29**

This section details the Risk of Flooding from Rivers and Sea (RoFRS) data sourced from the Environment Agency/Natural Resources Wales and is reported to a distance of 1000m from the edge of the site polygon. The RoFRS data provides an indication of areas of land at risk of flooding from rivers and the sea. These areas of land, called impacted cells, are represented as 50 metre squares, or smaller areas where a square is intersected by a river or coastline.

The average height information of the impacted cell, modelled river and sea levels and information about over 200,000 flood defences are used as inputs to a computer flood model run by the Environment Agency/Natural Resources Wales. The model compares the probability that the flood defences will overtop or breach and the distance of the impact cell from the river or the sea for 40 scenarios for probabilities of between 100% to 0.1%.

The results are then consolidated to calculate a single probability category for each impacted cell. These results have been validated by local staff using their local knowledge and expertise. RoFRS is a national flood risk assessment and does not contain information about property thresholds. Due to variations in the input data and the performance of the computer flood model at particular locations, the resulting category of an impacted cell should only be used at a specific study scale. In certain areas it would only be appropriate to compare risks between towns and counties whereas in other areas they would be more suitable for understanding risk at a street level. The level of suitability for a particular cell is indicated by the cell's suitability scale.

The data within this section is plotted and feature on the EA/NRW RoFRS Data (1:50,000) map. This dataset is not available in Scotland.

Flood Insurance Risk Data	**32**

This section contains flood risk data from Crawford and Company. This dataset is not plotted on any of the associated Flood maps.

Crawford & Co have generated an Insurance Claims rating for Flood Risk. The risk is determined by comparing the number of flood insurance claims made to the number of properties in the postcode sector. The data will also include flood claims from domestic accidents or blocked drains, as well as flooding from river or tidal events. Flood insurance claim ratings are reported for the site only.

Data Currency	**33**
Data Suppliers	**36**
Useful Contacts	**37**

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / NRW / CEH Flood Data					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
JBA Flood Data					
JBA 75 Year Return (undefended) - Pluvial	pg 1	14		n/a	n/a
JBA 75 Year Return (undefended) - Fluvial				n/a	n/a
JBA 75 Year Return (undefended) - Coastal				n/a	n/a
JBA 100 Year Return (undefended) - Fluvial				n/a	n/a
JBA 100 Year Return (undefended) - Coastal				n/a	n/a
JBA 200 Year Return (undefended) - Pluvial	pg 1	15	1	n/a	n/a
JBA 200 Year Return (undefended) - Fluvial				n/a	n/a
JBA 200 Year Return (undefended) - Coastal				n/a	n/a
JBA 1000 Year Return (undefended) - Pluvial	pg 2	35	7	n/a	n/a
JBA 1000 Year Return (undefended) - Fluvial				n/a	n/a
JBA 1000 Year Return (undefended) - Coastal				n/a	n/a
JBA Canal Failure					
JBA Dam Break					
BGS Flood Data					
BGS Geological Indicators of Flooding					
BGS Groundwater Flooding Susceptibility	pg 5	47	17	28	15
GeoSmart Information Groundwater Flood					
GeoSmart Information Groundwater Flood Risk	pg 10	41		12	23
OS Water Network Data					
OS Water Network Lines	pg 15	8	8	19	49
OS Water Network Nodes	pg 24	4	7	14	54
EA/NRW Historic Flood Events Data					
Historic Flood Events					
Historical Flood Liabilities					
EA/NRW RoFRS Data					
RoFRS - Risk of Flooding from Rivers and Sea	pg 29			30	5
Flood Insurance Risk Data					
Postcode Sector Flood Insurance Claim Ratings	pg 32	3	n/a	n/a	n/a

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (S)	0	2	471425 110045
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (S)	0	2	471425 110035
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (S)	0	2	471430 110035
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (S)	0	2	471420 110030
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (S)	0	2	471420 110050
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471435 110360
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471430 110355
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471425 110350
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471415 110340
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	0	2	471455 110405
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	0	2	471450 110395
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	0	2	471450 110390
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	0	2	471445 110370
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	0	2	471440 110365
	JBA 75 Year Return (undefended) - Fluvial None				
	JBA 75 Year Return (undefended) - Coastal None				
	JBA 100 Year Return (undefended) - Fluvial None				
	JBA 100 Year Return (undefended) - Coastal None				
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	0	2	471460 110410
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	0	2	471455 110405
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	0	2	471450 110395
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	0	2	471450 110390
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	0	2	471445 110370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	0	2	471440 110365
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471435 110360
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471430 110355
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471425 110350
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471415 110340
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471420 110070
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (S)	0	2	471420 110060
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (S)	0	2	471415 110055
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471435 110055
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471445 110030
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C2SE (SW)	4	2	470840 110355
	JBA 200 Year Return (undefended) - Fluvial None				
	JBA 200 Year Return (undefended) - Coastal None				
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	0	2	471450 110395
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	0	2	471450 110390
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	0	2	471440 110365
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	0	2	471445 110365
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471435 110360
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471440 110360
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471425 110355
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471430 110355
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471425 110075
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471435 110060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471445 110035
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471425 110350
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471430 110350
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471420 110345
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471415 110340
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471410 110335
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471385 110285
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C4SW (SE)	0	2	471730 110280
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C4SW (SE)	0	2	471720 110275
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471380 110270
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471385 110270
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471375 110265
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C4SW (SE)	0	2	471715 110260
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C4SW (SE)	0	2	471710 110255
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C4SW (SE)	0	2	471705 110250
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C4SW (SE)	0	2	471700 110240
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471400 110315
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471400 110310
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471390 110300
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (SE)	0	2	471385 110290
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3SE (SE)	0	2	471420 110065
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	0	2	471460 110430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	0	2	471455 110405
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (S)	0	2	471415 110065
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3SE (S)	0	2	471415 110040
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C2SE (SW)	1	2	470845 110355
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	22	2	471480 110470
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	22	2	471475 110450
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	C3NE (SE)	41	2	471485 110470
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C3NE (SE)	46	2	471485 110480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C4NE (E)	238	2	472040 110575
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	C4NE (E)	245	2	472045 110580
	JBA 1000 Year Return (undefended) - Fluvial None				
	JBA 1000 Year Return (undefended) - Coastal None				
	JBA Canal Failure Coverage Coverage: This area has not been mapped for risk of flooding from canal or aqueduct failure or breach.	C3NW (S)	0	2	471166 110672
	JBA Canal Failure None				
	JBA Dam Break Coverage Coverage: This area has been mapped for flooding from dam or reservoir embankment failure or breach.	C3NW (S)	0	2	471166 110672
	JBA Dam Break None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	0	3	471166 110150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SW (S)	0	3	471166 110250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NW (S)	0	3	471200 110450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	0	3	471200 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	3	471350 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	3	471400 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SW (S)	0	3	471166 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	3	471166 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	3	471350 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	3	471400 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	3	471150 109350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	3	471000 109950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	3	471450 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	471600 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (SE)	0	3	471500 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	471500 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	3	471750 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	472400 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	472300 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	3	471100 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	3	470850 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	3	471000 109650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	3	471650 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	471700 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	3	470950 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	3	471500 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	471600 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	3	471650 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	3	471450 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	3	471750 109550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	3	470950 109550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	3	471000 109400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	3	470750 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	3	471050 109350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	3	471100 109350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	471550 109850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NW (W)	0	3	471150 110672
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	472350 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	471900 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	3	471600 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	3	471650 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SW (S)	0	3	471150 110300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	3	471150 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	3	470900 109600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	3	470950 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (SE)	0	3	471350 110250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (SE)	0	3	471650 110200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	7	3	472500 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	80	3	472600 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	83	3	472650 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	115	3	472600 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3NW (S)	132	3	471166 110550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	151	3	472650 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	191	3	470550 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	196	3	470550 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NE (W)	200	3	470750 110672
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	205	3	470550 109950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	232	3	470550 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	239	3	470500 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	240	3	470500 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SW (SW)	241	3	470550 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	246	3	470500 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	246	3	472850 109850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SW (SW)	248	3	470550 110150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	252	3	470500 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	289	3	470450 109700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C2NE (W)	290	3	470700 110700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	293	3	470500 109450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	313	3	470400 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	321	3	470500 109350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	327	3	472450 110500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SW (SW)	339	3	470450 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NE (E)	351	3	472300 110600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NW (W)	358	3	470500 110500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SW (SW)	363	3	470450 110200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NW (W)	373	3	470500 110550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NE (E)	374	3	472150 110672
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NW (W)	378	3	470600 110672
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2SW (SW)	385	3	470450 110350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C4NE (E)	387	3	472200 110650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	390	3	470350 109950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C4NE (E)	407	3	472150 110700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NW (W)	412	3	470550 110672
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NW (W)	416	3	470600 110700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NW (W)	420	3	470500 110650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C6SW (W)	433	3	470650 110750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	434	3	472750 110350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C6SE (NW)	435	3	470900 110850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	437	3	470350 109450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NW (W)	462	3	470450 110650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C2NW (W)	489	3	470450 110672
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C6SE (NW)	494	3	470950 111000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C6SE (W)	507	3	470700 110850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C6SW (W)	523	3	470650 110850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C8NW (NE)	574	3	472000 111250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C6SE (NW)	593	3	470800 111000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C6SE (NW)	603	3	470700 110950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	622	3	472950 110450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7SW (NW)	633	3	471000 111000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C7NW (N)	684	3	471050 111050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	739	3	470000 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C6NE (NW)	749	3	470700 111100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C6NW (NW)	761	3	470650 111100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C6NW (NW)	823	3	470600 111150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C5SE (W)	907	3	470200 111000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C10SE (N)	933	3	470950 111400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C5NE (W)	978	3	470150 111050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SW (S)	0	2	471115 110105
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471245 109985
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SE)	0	2	471660 109670
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SE)	0	2	471670 109665
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(S)	0	2	471525 109690
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471485 109900
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(SE)	0	2	471590 109885
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SE)	0	2	471620 109655
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (SE)	0	2	471390 110295
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (S)	0	2	471390 110100
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (SE)	0	2	471425 110105
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (SE)	0	2	471415 110130
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (SE)	0	2	471400 110145
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SW (S)	0	2	471145 110235
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	C3SW (S)	0	2	471115 110120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (SE)	0	2	471415 110120
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (SE)	0	2	471665 110185
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SW (S)	0	2	471135 110120
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (SE)	0	2	471420 110115
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (SE)	0	2	471430 110095
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SE (SE)	0	2	471445 110065
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SE)	0	2	471690 109735
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471270 109500
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471380 109500
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471260 109515
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471265 109510
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471385 109520
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471385 109505
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471275 109495
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471375 109495
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(SE)	0	2	471695 109720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C4SW (SE)	0	2	471685 110205
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471205 109780
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471400 109535
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471395 109525
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471190 109890
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SE)	0	2	471675 109575
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471210 109765
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	C3NW (S)	0	2	471166 110672
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	0	2	471275 109850
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C3SW (S)	0	2	471135 110255
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C2SW (SW)	253	2	470460 110185
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C2NW (W)	255	2	470570 110535
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	C6SE (W)	259	2	470715 110830
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C2NW (W)	285	2	470570 110440
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C2NW (SW)	292	2	470560 110420
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C2NW (SW)	308	2	470540 110390

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	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C2NW (W)	320	2	470565 110520
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C6SE (W)	324	2	470720 110825
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C2NW (W)	330	2	470575 110555
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C2SW (SW)	478	2	470340 110200
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C6SE (W)	495	2	470725 110845
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C1SE (SW)	496	2	470320 110190
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C6SE (NW)	504	2	470730 110855
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C6SE (NW)	507	2	470735 110860
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	C6SE (NW)	516	2	470740 110870
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(SE)	585	2	472945 109380
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	608	2	472770 110545
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	609	2	472935 110405
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	630	2	472770 110575
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	639	2	472815 110545
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	640	2	472790 110565
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	647	2	472795 110570

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	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	651	2	472835 110530
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	657	2	472900 110485
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	659	2	472935 110460
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	660	2	472980 110440
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	661	2	472840 110535
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	665	2	472895 110490
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	665	2	472885 110495
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	667	2	472880 110500
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	680	2	472895 110510
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	708	2	472885 110555
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	723	2	472900 110565
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(E)	726	2	472900 110585
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(E)	759	2	472980 110550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 504.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C4SW (SE)	0	4	471872 110148
2	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 209.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C4SE (SE)	0	4	472340 110098
3	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 1071.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C3NW (S)	0	4	471166 110423
4	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 650.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C3NE (E)	0	4	471503 110635
5	**OS Water Network Lines** Watercourse Name: Upper Lake Watercourse Form: Lake Watercourse Length: 74.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C3SE (S)	0	4	471402 110086
6	**OS Water Network Lines** Watercourse Name: Upper Lake Watercourse Form: Lake Watercourse Length: 34.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C3SE (SE)	0	4	471458 110037
7	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 40.6 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: East Hampshire	C3SE (SE)	0	4	471458 110037
8	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 650.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C4NW (SE)	0	4	471744 110397
9	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C4SE (SE)	1	4	472340 110101

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 372.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C4SE (SE)	2	4	472340 110101
11	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 3.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2SE (SW)	5	4	470839 110337
12	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 276.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2SE (SW)	8	4	470836 110336
13	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 51.1 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: East Hampshire	C3NW (S)	56	4	471161 110474
14	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 340.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C3NW (NE)	106	4	471171 110674
15	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 19.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C3NE (E)	239	4	471506 110663
16	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 1413.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2SW (SW)	246	4	470497 110181
17	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 77.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2NW (SW)	258	4	470599 110432
18	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 333.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C3NE (E)	258	4	471504 110692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 131.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2NW (W)	325	4	470555 110515
20	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2NW (W)	327	4	470565 110530
21	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2NW (W)	328	4	470527 110430
22	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 284.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2NW (W)	328	4	470526 110430
23	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 500.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6SE (NW)	328	4	470821 110937
24	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 212.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2NW (W)	328	4	470565 110530
25	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 398.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2SW (SW)	356	4	470466 110214
26	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 365.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C4NE (E)	358	4	472180 110626
27	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 90.6 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	383	4	472132 110703

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 101.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	397	4	472132 110703
29	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 238.0 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: East Hampshire	C4NE (E)	407	4	472197 110677
30	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C4NE (E)	434	4	472199 110686
31	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 216.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C4NE (E)	434	4	472200 110684
32	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 81.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	455	4	472207 110709
33	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 77.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	466	4	472226 110702
34	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 116.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	466	4	472226 110702
35	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 172.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	480	4	472139 110807
36	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	505	4	472219 110769

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 33.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	507	4	472219 110771
38	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	C4NE (E)	526	4	472336 110692
39	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 60.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	531	4	472227 110832
40	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	531	4	472249 110776
41	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2NW (W)	531	4	470419 110677
42	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 34.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	563	4	472325 110734
43	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 158.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C2NW (W)	570	4	470381 110692
44	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 10.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6SE (NW)	575	4	470823 110940
45	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 63.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	583	4	472282 110829

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 50.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6SE (NW)	584	4	470828 110949
47	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 72.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	593	4	472278 110834
48	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	594	4	472340 110764
49	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	600	4	472344 110770
50	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	627	4	472346 110810
51	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 12.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6SE (NW)	632	4	470843 110997
52	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 81.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C8SE (E)	644	4	472293 110891
53	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 2.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6SE (NW)	644	4	470846 111009
54	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 1.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6SE (NW)	644	4	470846 111009

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 569.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6SE (NW)	645	4	470873 111025
56	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 175.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6SE (NW)	645	4	470844 111011
57	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 326.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1NE (W)	664	4	470238 110628
58	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1NE (W)	664	4	470238 110628
59	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 28.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1SE (SW)	667	4	470131 110076
60	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 3.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1SE (SW)	673	4	470120 110048
61	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1SE (SW)	673	4	470120 110048
62	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 51.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1SE (SW)	676	4	470116 110045
63	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1SE (SW)	676	4	470117 110048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1NE (W)	708	4	470201 110654
65	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 8.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1NE (W)	710	4	470200 110655
66	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1SE (SW)	720	4	470071 110040
67	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NE (NW)	781	4	470758 111142
68	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 220.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NE (NW)	782	4	470753 111142
69	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	900	4	470570 111221
70	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	900	4	470570 111221
71	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 706.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	907	4	470569 111228
72	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 82.6 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	907	4	470563 111226

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1NW (W)	908	4	469939 110428
74	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 109.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1NW (W)	911	4	469916 110418
75	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 305.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C7NW (N)	911	4	471292 111326
76	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C1NW (W)	930	4	469916 110420
77	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 17.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	940	4	470480 111230
78	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 97.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C5NE (NW)	942	4	470273 111111
79	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	949	4	470463 111233
80	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 29.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	951	4	470458 111233
81	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 502.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C11SE (N)	964	4	471377 111386

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	970	4	470430 111241
83	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 168.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	986	4	470410 111248
84	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 70.4 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: East Hampshire	C6NW (NW)	986	4	470410 111248
85	**OS Water Network Nodes** Hydronode Category: Pseudo	C3SE (S)	0	4	471402 110086
86	**OS Water Network Nodes** Hydronode Category: Junction	C3SE (SE)	0	4	471458 110037
87	**OS Water Network Nodes** Hydronode Category: Source	C4NW (SE)	0	4	471744 110397
88	**OS Water Network Nodes** Hydronode Category: Source	C4SW (SE)	0	4	471872 110148
89	**OS Water Network Nodes** Hydronode Category: Pseudo	C4SE (SE)	1	4	472340 110098
90	**OS Water Network Nodes** Hydronode Category: Junction	C4SE (SE)	3	4	472340 110101
91	**OS Water Network Nodes** Hydronode Category: Source	C2SE (SW)	5	4	470839 110337
92	**OS Water Network Nodes** Hydronode Category: Pseudo	C2SE (SW)	8	4	470836 110336
93	**OS Water Network Nodes** Hydronode Category: Pseudo	C3NW (S)	56	4	471166 110423
94	**OS Water Network Nodes** Hydronode Category: Pseudo	C3NW (S)	106	4	471161 110474
95	**OS Water Network Nodes** Hydronode Category: Pseudo	C3NE (E)	239	4	471506 110663
96	**OS Water Network Nodes** Hydronode Category: Pseudo	C3NE (E)	258	4	471511 110682
97	**OS Water Network Nodes** Hydronode Category: Pseudo	C2NW (SW)	258	4	470599 110432
98	**OS Water Network Nodes** Hydronode Category: Pseudo	C2NW (W)	328	4	470527 110430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	**OS Water Network Nodes** Hydronode Category: Junction	C2NW (W)	328	4	470565 110530
100	**OS Water Network Nodes** Hydronode Category: Junction	C2NW (W)	329	4	470526 110430
101	**OS Water Network Nodes** Hydronode Category: Pseudo	C2NW (W)	329	4	470555 110515
102	**OS Water Network Nodes** Hydronode Category: Junction	C2SW (SW)	356	4	470466 110214
103	**OS Water Network Nodes** Hydronode Category: Pseudo	C4NE (E)	383	4	472180 110626
104	**OS Water Network Nodes** Hydronode Category: Pseudo	C8SE (E)	397	4	472132 110703
105	**OS Water Network Nodes** Hydronode Category: Source	C7SW (N)	422	4	471185 110789
106	**OS Water Network Nodes** Hydronode Category: Junction	C4NE (E)	434	4	472200 110684
107	**OS Water Network Nodes** Hydronode Category: Source	C4NE (E)	434	4	472199 110686
108	**OS Water Network Nodes** Hydronode Category: Junction	C8SE (E)	466	4	472226 110702
109	**OS Water Network Nodes** Hydronode Category: Pseudo	C8SE (E)	480	4	472150 110795
110	**OS Water Network Nodes** Hydronode Category: Pseudo	C8SE (E)	505	4	472219 110769
111	**OS Water Network Nodes** Hydronode Category: Pseudo	C8SE (E)	507	4	472219 110771
112	**OS Water Network Nodes** Hydronode Category: Pseudo	C4NE (E)	526	4	472336 110692
113	**OS Water Network Nodes** Hydronode Category: Junction	C8SE (E)	531	4	472249 110776
114	**OS Water Network Nodes** Hydronode Category: Pseudo	C2NW (W)	531	4	470419 110677
115	**OS Water Network Nodes** Hydronode Category: Source	C8SE (E)	535	4	472227 110804
116	**OS Water Network Nodes** Hydronode Category: Source	C8SE (E)	546	4	472255 110792
117	**OS Water Network Nodes** Hydronode Category: Source	C8SE (E)	556	4	472227 110832
118	**OS Water Network Nodes** Hydronode Category: Outlet	C8SE (E)	563	4	472325 110734

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	**OS Water Network Nodes** Hydronode Category: Pseudo	C2NW (W)	570	4	470381 110692
120	**OS Water Network Nodes** Hydronode Category: Source	C7SE (NE)	575	4	471515 110999
121	**OS Water Network Nodes** Hydronode Category: Pseudo	C6SE (NW)	575	4	470823 110940
122	**OS Water Network Nodes** Hydronode Category: Pseudo	C6SE (NW)	584	4	470828 110949
123	**OS Water Network Nodes** Hydronode Category: Outlet	C8SE (E)	591	4	472321 110783
124	**OS Water Network Nodes** Hydronode Category: Source	C8SE (E)	592	4	472282 110829
125	**OS Water Network Nodes** Hydronode Category: Source	C8SE (E)	593	4	472278 110834
126	**OS Water Network Nodes** Hydronode Category: Pseudo	C8SE (E)	594	4	472340 110764
127	**OS Water Network Nodes** Hydronode Category: Pseudo	C8SE (E)	600	4	472344 110770
128	**OS Water Network Nodes** Hydronode Category: Source	C8SE (E)	622	4	472161 110957
129	**OS Water Network Nodes** Hydronode Category: Pseudo	C8SE (E)	627	4	472346 110810
130	**OS Water Network Nodes** Hydronode Category: Pseudo	C6SE (NW)	632	4	470843 110997
131	**OS Water Network Nodes** Hydronode Category: Source	C8SE (E)	644	4	472293 110891
132	**OS Water Network Nodes** Hydronode Category: Junction	C6SE (NW)	644	4	470846 111009
133	**OS Water Network Nodes** Hydronode Category: Pseudo	C6SE (NW)	645	4	470844 111011
134	**OS Water Network Nodes** Hydronode Category: Pseudo	C6SE (NW)	645	4	470847 111011
135	**OS Water Network Nodes** Hydronode Category: Junction	C1NE (W)	664	4	470238 110628
136	**OS Water Network Nodes** Hydronode Category: Source	C1SE (SW)	667	4	470131 110076
137	**OS Water Network Nodes** Hydronode Category: Junction	C1SE (SW)	673	4	470120 110048
138	**OS Water Network Nodes** Hydronode Category: Pseudo	C1SE (SW)	676	4	470116 110045

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	**OS Water Network Nodes** Hydronode Category: Pseudo	C1SE (SW)	676	4	470117 110048
140	**OS Water Network Nodes** Hydronode Category: Pseudo	C1SE (SW)	676	4	470117 110052
141	**OS Water Network Nodes** Hydronode Category: Pseudo	C1NE (W)	708	4	470201 110654
142	**OS Water Network Nodes** Hydronode Category: Pseudo	C1NE (W)	710	4	470200 110655
143	**OS Water Network Nodes** Hydronode Category: Source	C1NE (W)	715	4	470198 110664
144	**OS Water Network Nodes** Hydronode Category: Pseudo	C1SE (SW)	720	4	470071 110040
145	**OS Water Network Nodes** Hydronode Category: Source	C1SE (SW)	728	4	470061 110036
146	**OS Water Network Nodes** Hydronode Category: Pseudo	C6NE (NW)	781	4	470758 111142
147	**OS Water Network Nodes** Hydronode Category: Pseudo	C6NE (NW)	782	4	470753 111142
148	**OS Water Network Nodes** Hydronode Category: Junction	C6NW (NW)	900	4	470570 111221
149	**OS Water Network Nodes** Hydronode Category: Pseudo	C6NW (NW)	907	4	470563 111226
150	**OS Water Network Nodes** Hydronode Category: Pseudo	C6NW (NW)	907	4	470569 111228
151	**OS Water Network Nodes** Hydronode Category: Outlet	C1NW (W)	908	4	469939 110428
152	**OS Water Network Nodes** Hydronode Category: Source	C1SW (W)	911	4	469919 110308
153	**OS Water Network Nodes** Hydronode Category: Junction	C1NW (W)	930	4	469916 110418
154	**OS Water Network Nodes** Hydronode Category: Pseudo	C6NW (NW)	940	4	470480 111230
155	**OS Water Network Nodes** Hydronode Category: Source	C1NW (W)	942	4	469961 110683
156	**OS Water Network Nodes** Hydronode Category: Outlet	C5NE (NW)	942	4	470273 111111
157	**OS Water Network Nodes** Hydronode Category: Pseudo	C6NW (NW)	949	4	470463 111233
158	**OS Water Network Nodes** Hydronode Category: Pseudo	C6NW (NW)	951	4	470458 111233

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	**OS Water Network Nodes** Hydronode Category: Source	C11SE (N)	957	4	471368 111379
160	**OS Water Network Nodes** Hydronode Category: Source	C11SE (N)	964	4	471377 111386
161	**OS Water Network Nodes** Hydronode Category: Pseudo	C6NW (NW)	970	4	470430 111241
162	**OS Water Network Nodes** Hydronode Category: Source	C1NW (W)	983	4	469859 110398
163	**OS Water Network Nodes** Hydronode Category: Junction	C6NW (NW)	986	4	470410 111248

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2SW (SW)	276	1	470480 110150
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	(SW)	279	1	470460 109700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2NW (W)	327	1	470550 110501
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2NW (W)	327	1	470540 110477
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2NW (W)	328	1	470550 110510
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C2NW (W)	328	1	470550 110503
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C2NW (W)	328	1	470540 110479
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2NW (W)	328	1	470545 110498
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2NW (W)	332	1	470530 110468
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2SW (SW)	333	1	470462 110235
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C2NW (W)	334	1	470531 110470
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2NW (W)	337	1	470520 110450
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2SW (SW)	338	1	470485 110264
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C2SW (SW)	339	1	470464 110235

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C2NW (SW)	344	1	470505 110398
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2NW (W)	344	1	470500 110425
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C2SW (SW)	344	1	470485 110267
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2SW (SW)	344	1	470490 110300
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2SW (SW)	345	1	470490 110306
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2SW (SW)	345	1	470484 110298
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2SW (SW)	346	1	470490 110320
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C2SW (SW)	346	1	470485 110277
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C2SW (SW)	346	1	470490 110321
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2SW (SW)	348	1	470485 110293
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	(SW)	357	1	470405 109550
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	(SW)	368	1	470405 109510
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	(SW)	370	1	470405 109502
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	C2SW (SW)	372	1	470450 110220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	(SW)	402	1	470400 109400
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	(SW)	408	1	470405 109350
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C8SE (E)	574	1	472175 111035
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C8SE (E)	681	1	472285 110945
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C8NE (NE)	772	1	472145 111130
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	C8NE (NE)	782	1	472145 111140
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	(E)	867	1	473015 110655

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Postcode Sector Flood Insurance Claim Ratings Insurance Rating: Low Flood Insurance Claim Rating Postcode Sector: PO9 6	C3NW (S)	0	2	471166 110672
	Postcode Sector Flood Insurance Claim Ratings Insurance Rating: Low Flood Insurance Claim Rating Postcode Sector: PO9 4	(SW)	0	2	470516 109941
	Postcode Sector Flood Insurance Claim Ratings Insurance Rating: Very Low Flood Insurance Claim Rating - No Recorded Claims Postcode Sector: PO9 5	C2SE (SW)	0	2	470960 110289

EA / NRW / CEH Flood Data	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2019	Quarterly
Flood Defences Environment Agency - Head Office	February 2019	Quarterly
EA / NRW Surface Water Flood Data	**Version**	**Update Cycle**
Surface Water 1 in 30 year Flood Depth Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Depth Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Depth Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 30 year Flood Velocity Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Velocity Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Velocity Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 30 year Flood Flow Direction 25m Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Flow Direction 25m Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Flow Direction 25m Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 30 year Flood Hazard Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Hazard Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Hazard Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually

JBA Flood Data	Version	Update Cycle
JBA 75 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2018	Annually
JBA 75 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2018	Annually
JBA 75 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2018	Annually
JBA 100 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2018	Annually
JBA 100 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2018	Annually
JBA 200 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2018	Annually
JBA 200 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2018	Annually
JBA 200 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2018	Annually
JBA 1000 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2018	Annually
JBA 1000 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2018	Annually
JBA 1000 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2018	Annually
JBA Canal Failure JBA Risk Management Limited	November 2018	Annually
JBA Dam Break JBA Risk Management Limited	November 2018	Annually
BGS Flood Data	**Version**	**Update Cycle**
BGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	February 2011	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
GeoSmart Information Groundwater Flooding Data	**Version**	**Update Cycle**
GeoSmart Information Groundwater Flood Risk GeoSmart Information Ltd	November 2017	Bi-Annually
OS Water Network Data	**Version**	**Update Cycle**
OS Water Network Lines Ordnance Survey	January 2019	Quarterly
OS Water Network Nodes Ordnance Survey	January 2019	Quarterly
EA/NRW Historic Flood Events Data	**Version**	**Update Cycle**
Historic Flood Events Environment Agency - Head Office	February 2019	Quarterly
Historical Flood Liabilities Landmark Information Group Limited	December 1999	Not Applicable

EA/NRW Risk of Flooding from Rivers and Sea (RoFRS)	Version	Update Cycle
RoFRS - Risk of Flooding from Rivers and Sea Environment Agency - Head Office	February 2019	Annually
Flood Insurance Risk Data	**Version**	**Update Cycle**
Postcode Sector Flood Insurance Claim Ratings Crawford and Company	July 2018	Quarterly

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Natural Resources Wales	
Centre for Ecology and Hydrology	
British Geological Survey	
GeoSmart Information	
JBA Risk Management	

Useful Contacts

Contact	Name and Address	Contact Details
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2	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
3	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409

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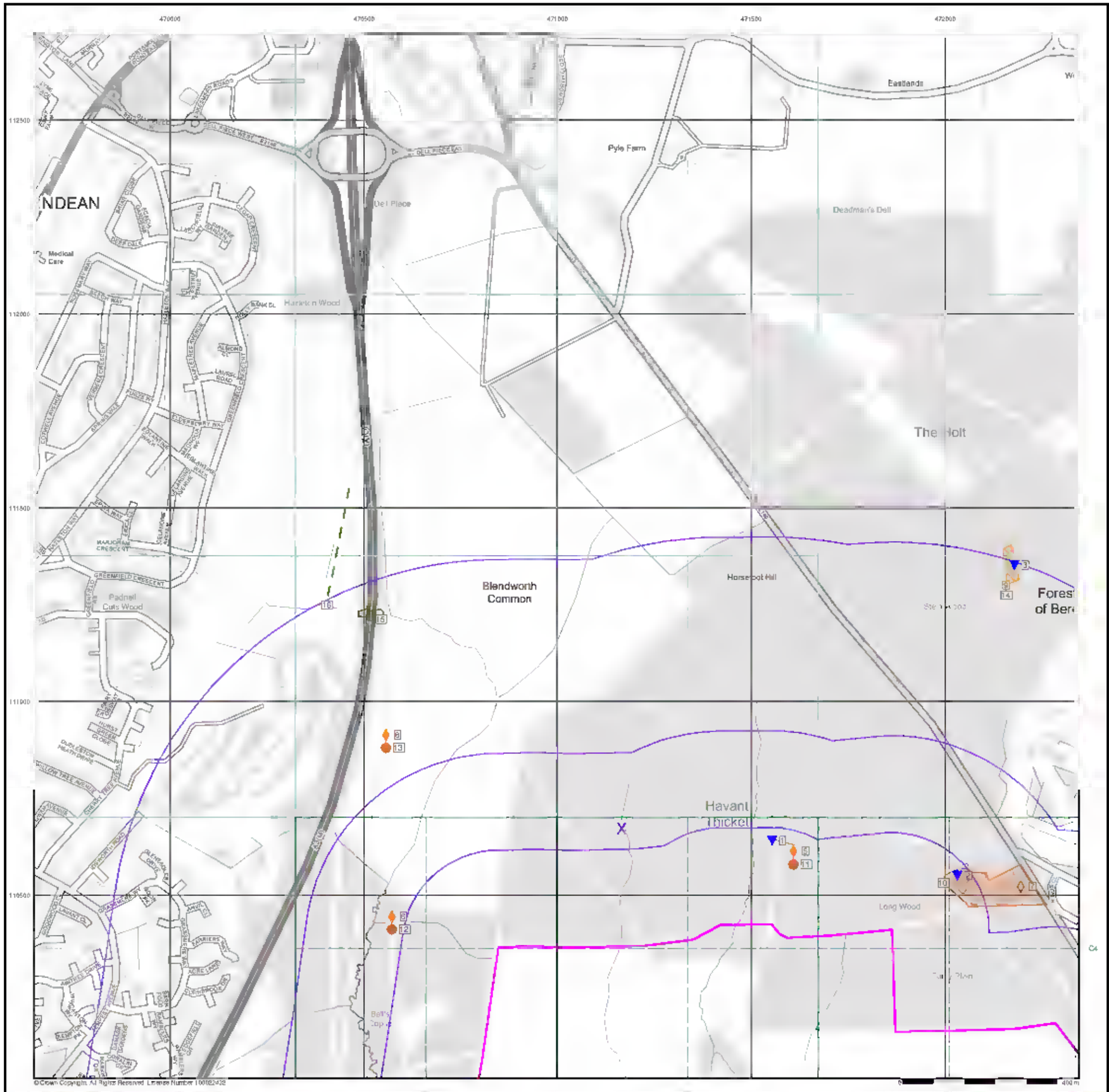
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Historical Land Use Information (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID

Several of Type at Location

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts	◆		
Disturbed Ground	◆		
General Quarrying	◆		
Heap, unknown constituents	◆		
Mineral Railway	◆		
Mining and Quarrying General	◆		
Mining of Coal & Lignite	◆		
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits	◆		

Historical Land Use

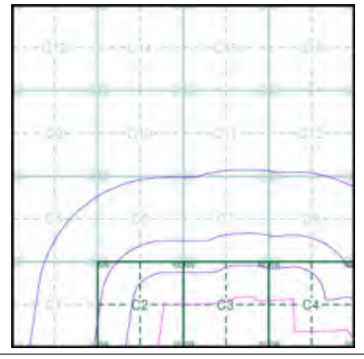
	Point	Line	Polygon
Potentially Infilled Land (Non-Water)	●		
Potentially Infilled Land (Water)	●		
Former Marsh	✠		

Mining Data

Potential Mining Area

BGS Recorded Mineral Site

Mining and Ground Stability - Slice C



Order Details

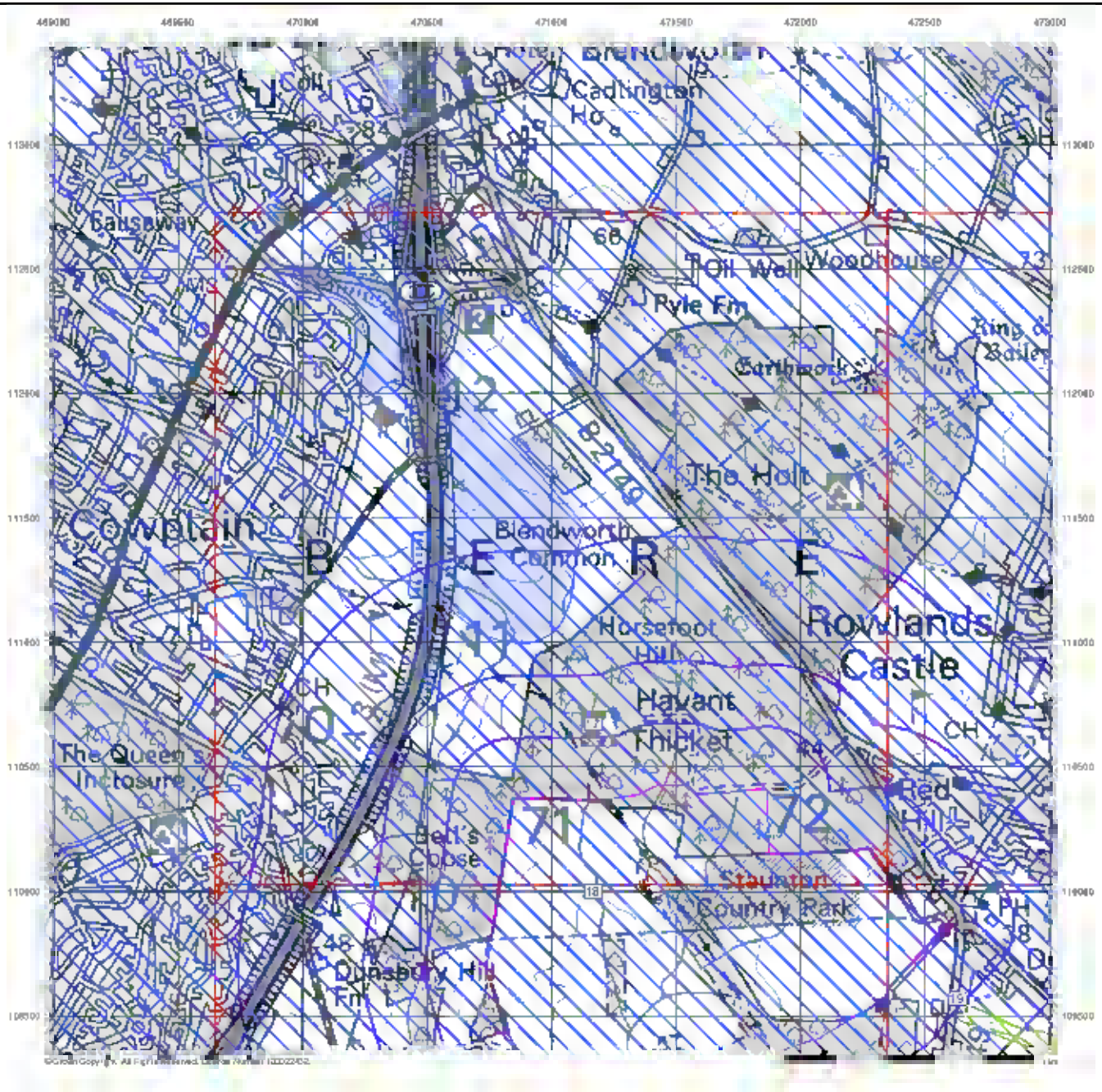
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Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Ground Stability Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Potential for Compressible Ground Stability Hazards

High | Low | Moderate | Very Low

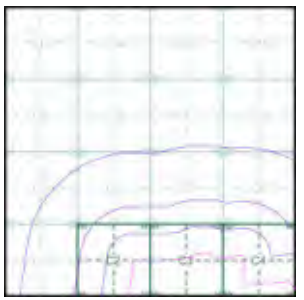
Potential for Collapsible Ground Stability Hazards

High | Low | Moderate | Very Low

Brine Pumping and Salt Mining

	Point	Polygon
Brine Pumping Related Feature	▲	▨
Salt Mining Related Feature	▲	▨

Mining and Ground Stability - Slice C



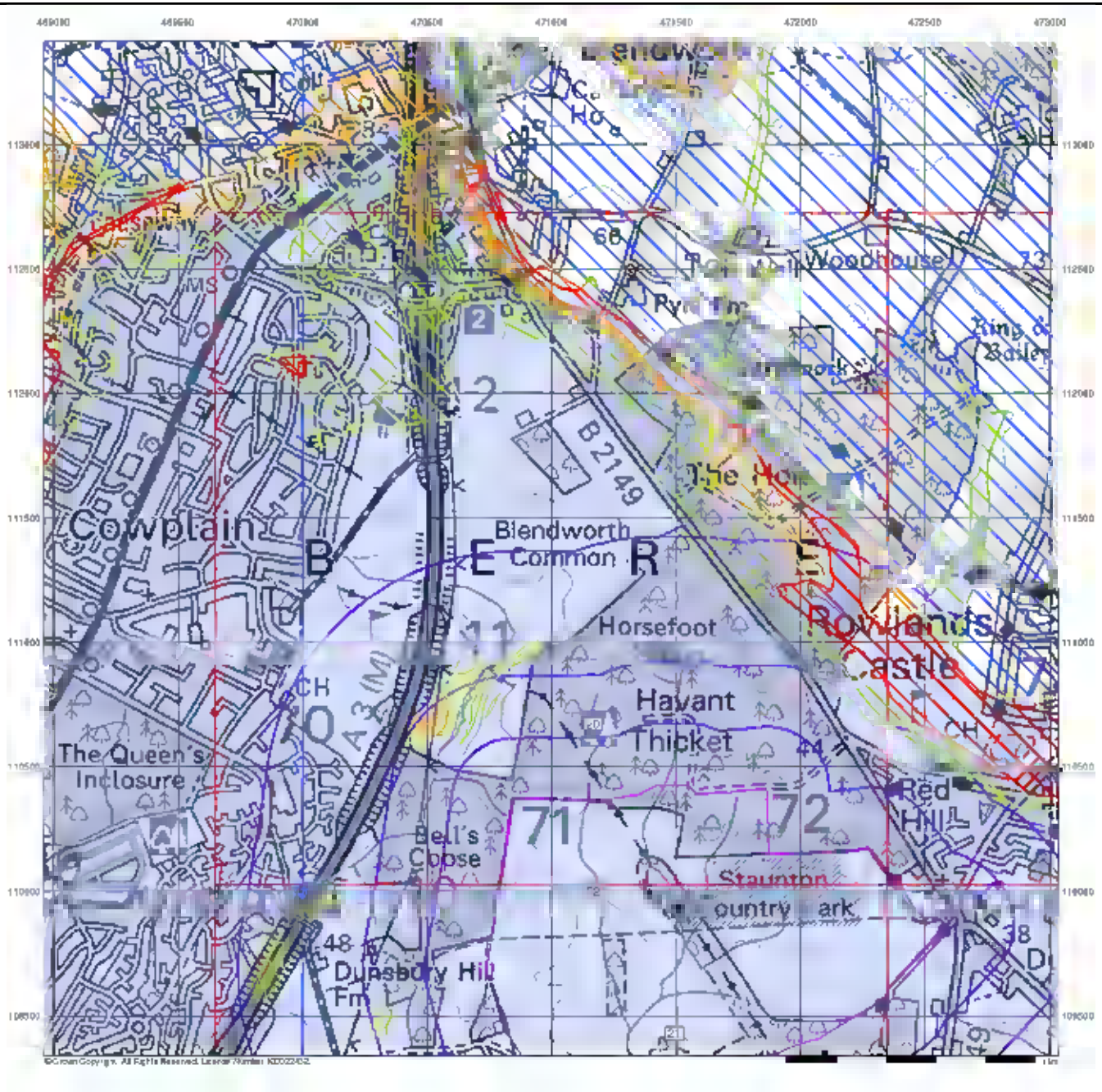
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Ground Stability Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

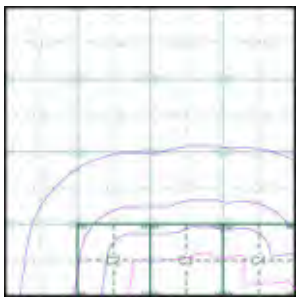
Potential for Landslide Ground Stability Hazards

High | Low | Moderate | Very Low

Potential for Ground Dissolution Stability Hazards

High | Low | Moderate | Very Low

Mining and Ground Stability - Slice C



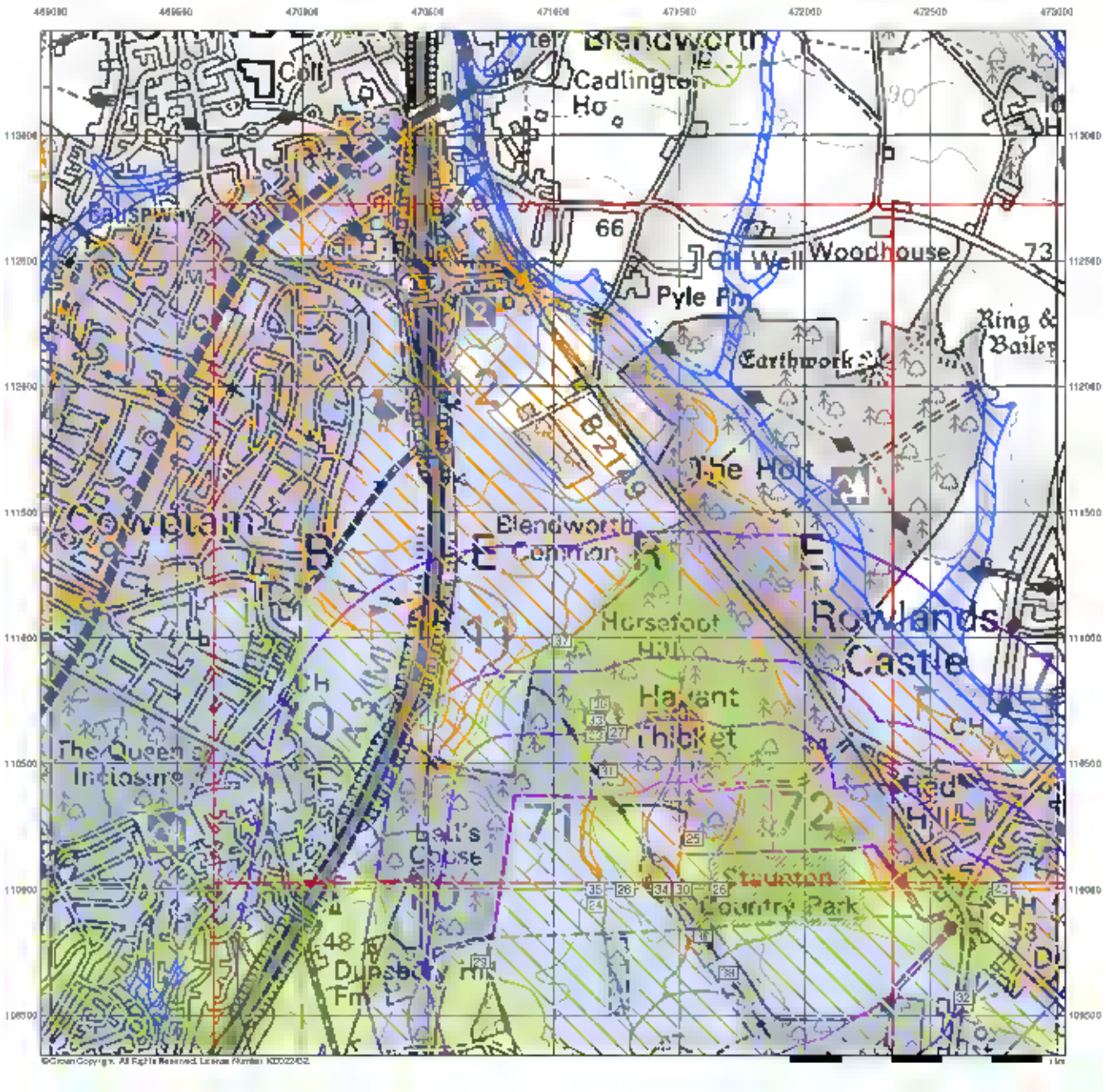
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Ground Stability Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

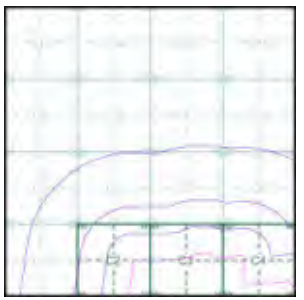
Potential for Running Sand Ground Stability Hazards

High | Low | Moderate | Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

High | Low | Moderate | Very Low

Mining and Ground Stability - Slice C



N

Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Envirocheck® Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:
202069335_1_1

Customer Reference:
5169117

National Grid Reference:
471170, 110670

Slice:
C

Site Area (Ha):
172.43

Search Buffer (m):
1000

Site Details:

Site at 472000, 110000

Client Details:

Mr O Pengilly
Atkins Ltd
Woodcote Grove
Ashley Road
Epsom
Surrey
KT18 5BW

Landmark INFORMATION GROUP

ATKINS

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Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	3
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	4
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	5
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	7
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	8
Data Suppliers	9
Useful Contacts	10

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

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Report Version v53.0

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1		2		1
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities	pg 1				15
Non Coal Mining Areas of Great Britain	pg 2	Yes		n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 3		1	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits	pg 4		1	2	2
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 4		2	1	2
Potentially Infilled Land (Water)	pg 4				2

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Salt Mining Related Features					
Subsidence Insurance Claims				n/a	n/a
Subsidence Investigations				n/a	n/a

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**BGS Recorded Mineral Sites** Site Name: Horsefoot Hill Clay Pit Location: Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162765 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	C3NE (E)	215	1	471610 110631
2	**BGS Recorded Mineral Sites** Site Name: Long Wood Brick Works Location: Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162773 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	C4NE (E)	221	1	472031 110555
3	**BGS Recorded Mineral Sites** Site Name: The Holt Gravel Pits Location: Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162779 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	C8NE (NE)	996	1	472179 111356
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Natural Cavities Cavity Type: Swallow Hole x 9 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	C8SE (E)	522	2	472150 111000
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head, Made Ground	C6SE (NW)	623	2	470970 110990
	Natural Cavities Cavity Type: Unknown x 5 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	C7SW (N)	635	2	471040 111000
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	C8SE (E)	710	2	472300 110970
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	C8SE (E)	719	2	472260 111010
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	C8SE (E)	728	2	472290 111000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	C8NE (NE)	737	2	472150 111090
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	C8NE (NE)	748	2	472130 111110
	Natural Cavities Cavity Type: Unknown x 3 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	C8NW (NE)	816	2	471970 111220
	Natural Cavities Cavity Type: Unknown x 6 Solid Geology Detail: Chalk Group Superficial Geology Detail: Head	C8NE (NE)	852	2	472016 111360
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	C7NW (N)	867	2	471160 111250
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	C7NW (N)	902	2	471260 111310
	Natural Cavities Cavity Type: Unknown x 2 Solid Geology Detail: Chalk Group Superficial Geology Detail: Head	C8NE (NE)	951	2	472200 111300
	Natural Cavities Cavity Type: Sinkhole x 2 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	C11SE (N)	977	2	471400 111400
	Natural Cavities Cavity Type: Unknown x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head, Made Ground	C6NE (NW)	992	2	470730 111350
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	471166 110672
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	C3NW (NE)	0	1	471184 110680
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	C3SE (SE)	0	1	471585 110210
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	C7SW (NW)	0	1	471034 110986

Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Extractive Industries or Potential Excavations from 1950-1980** Use: Pond First Map Published Date: 1970 Last Map Published Date: N/A	C2SE (SW)	3	-	470840 110352

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1899	C3NE (E)	198	-	471608 110614
6	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1897	C2NW (W)	288	-	470572 110446
7	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1880	C4NE (E)	351	-	472195 110523
8	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1897	C6SW (W)	621	-	470556 110914
9	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1962	C8NE (NE)	937	-	472158 111301
10	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	C4NW (E)	179	-	471996 110531
11	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	C3NE (E)	198	-	471608 110614
12	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	C2NW (W)	288	-	470572 110446
13	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	C6SW (W)	621	-	470556 110914
14	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	C8NE (NE)	937	-	472158 111301
15	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	C6NW (NW)	900	-	470544 111212
16	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1933	C6NW (NW)	988	-	470406 111249

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
17	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	471166 110672
18	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	471166 110000
19	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SE)	225	1	472629 109569
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	471166 110672
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	471166 110000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	471166 110000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	471166 110672
20	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	471166 110672
21	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	471492 109429
22	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	471166 110000
23	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	471166 110672
24	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	471166 110000
25	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3SE (SE)	0	1	471554 110200
26	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	471660 110000
27	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NW (NE)	0	1	471184 110680
28	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	471281 110000
29	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	470706 109710
30	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	471512 110000
31	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	471215 110469

Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(SE)	225	1	472629 109569
33	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C3NW (S)	0	1	471166 110672
34	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	471430 110000
35	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	471166 110000
36	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	C3NW (NE)	0	1	471184 110680
37	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	C7SW (NW)	0	1	471034 110986
38	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	471693 109666
39	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	471593 109813
40	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(SE)	216	1	472780 110000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	470706 109710

Historical Map List

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SU7010	1970
Ordnance Survey Plan	SU7010	1970
Ordnance Survey Plan	SU7110	1970
Ordnance Survey Plan	SU7110	1970
Ordnance Survey Plan	SU7210	1970

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Sussex	047_00	1880
Hampshire & Isle Of Wight	068_00	1880
Hampshire & Isle Of Wight	068_SW	1897
Hampshire & Isle Of Wight	068_SE	1898
Sussex	047_NW	1899
Sussex	047_SW	1899
Hampshire & Isle Of Wight	068_SE	1909
Hampshire & Isle Of Wight	068_SW	1910
Sussex	047_NW	1914
Sussex	047_SW	1914
Hampshire & Isle Of Wight	068_SE	1931
Hampshire & Isle Of Wight	068_SW	1933
Ordnance Survey Plan	SU61SE	1962
Ordnance Survey Plan	SU71SW	1962
1:10,000	**Mapsheet**	**Published Date**
Ordnance Survey Plan	SU61SE	1992
Ordnance Survey Plan	SU71SW	1992

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2018	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Peter Brett Associates	October 2018	Bi-Annually
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural Cavities Peter Brett Associates	October 2018	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	**Version**	**Update Cycle**
Subterranean Features Landmark Information Group Limited	March 2019	Bi-Annually
Ground Stability Data (1:50,000)	**Version**	**Update Cycle**
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Subsidence Insurance Claims SP Property Services	October 2018	Quarterly
Subsidence Investigations CET Structures Ltd	July 2018	Quarterly
Brine Subsidence Solution Area Johnson Poole & Bloomer	January 2015	Annual Rolling Update

Data Suppliers

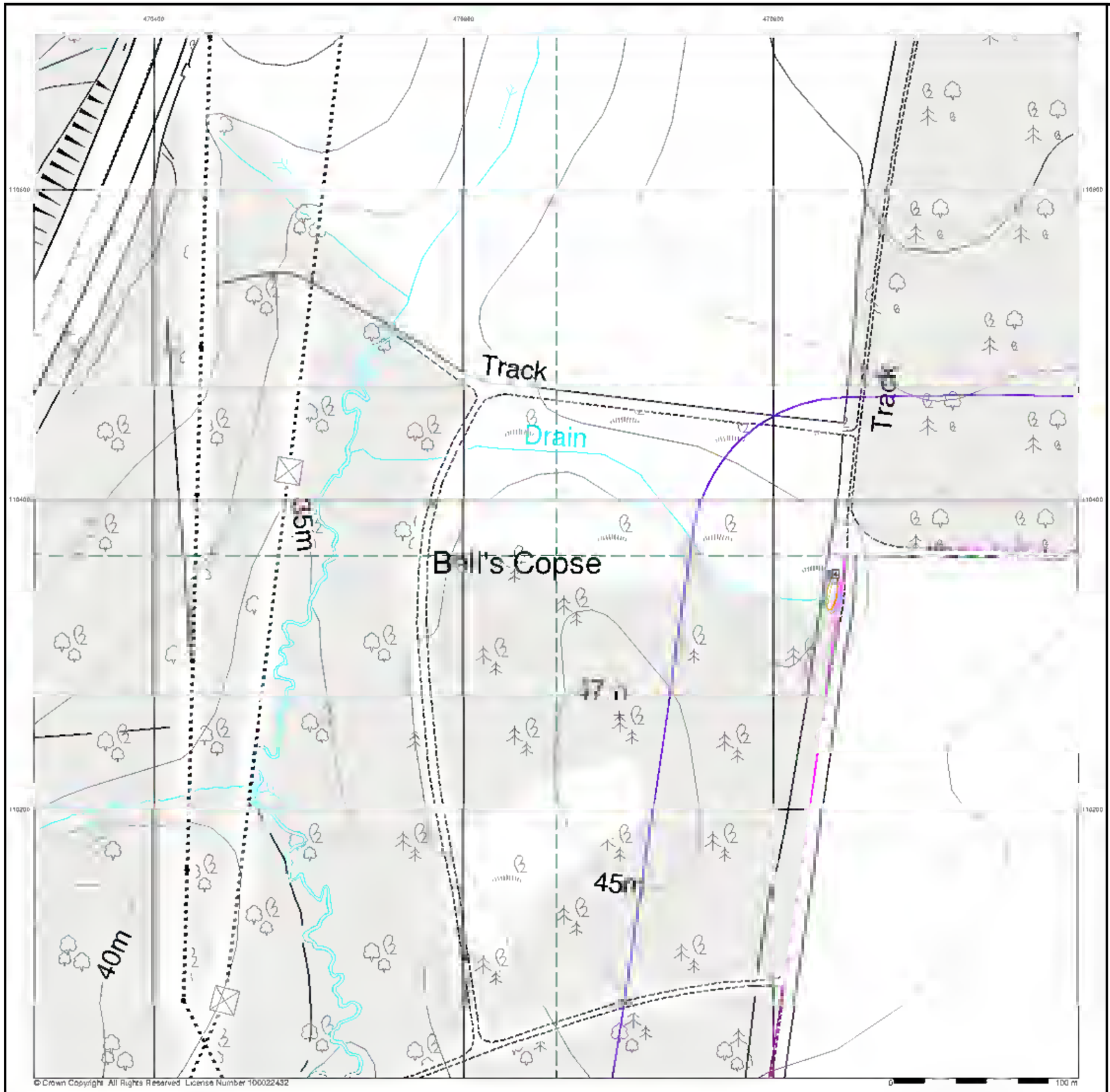
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Peter Brett Associates	
Wardell Armstrong	
Johnson Poole & Bloomer	

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Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Peter Brett Associates** Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk



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Historical Land Use Information (1:2,500)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID

Several of Type at Location

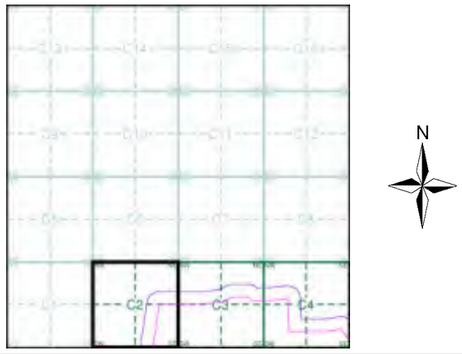
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▭
Extractive Industries Activity from 1906 - 1937	▲	—	▭
Extractive Industries Activity from 1924 - 1949	▲	—	▭
Extractive Industries Activity from 1950 - 1980	▲	—	▭

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment C2



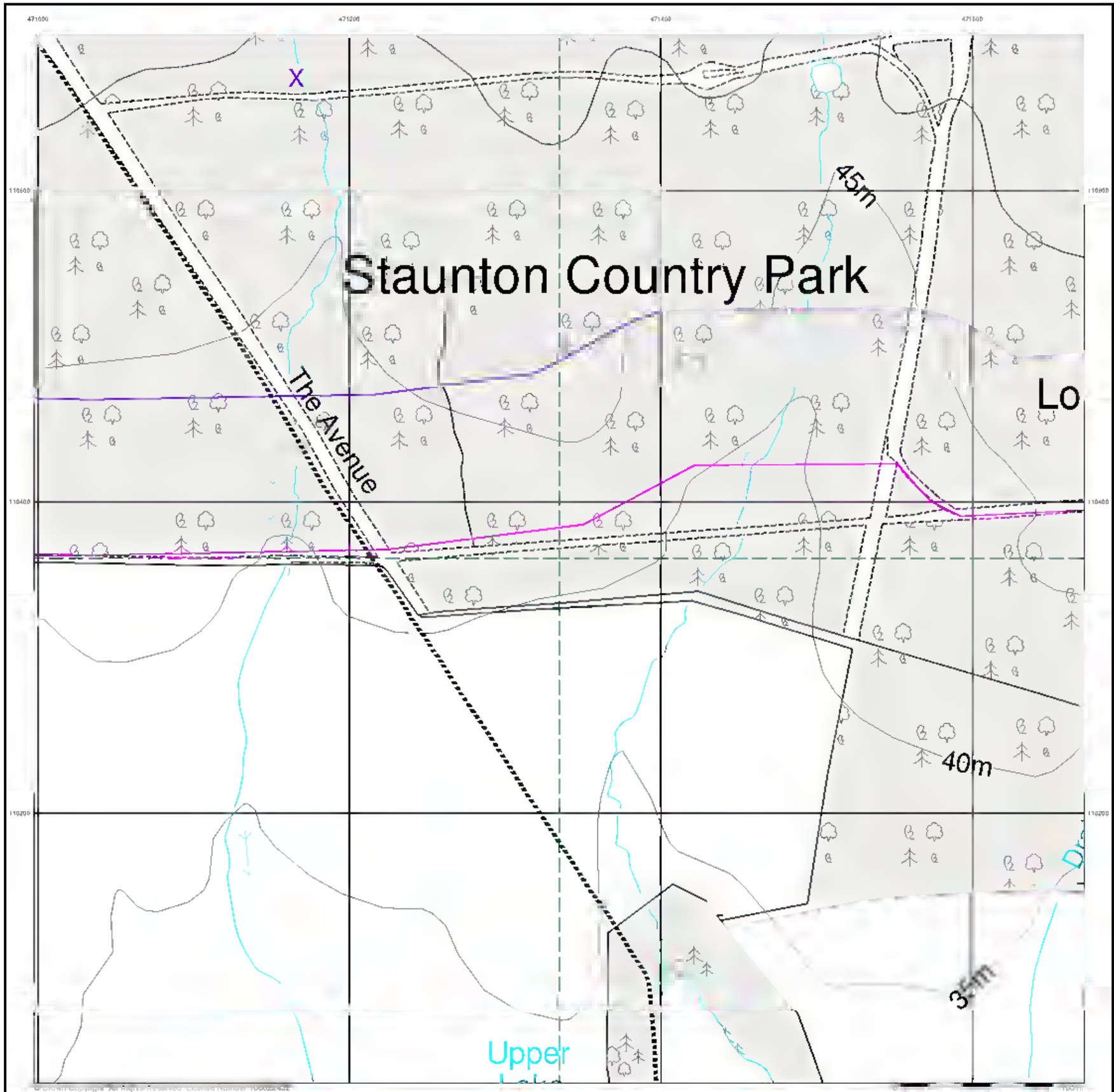
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Plot Buffer (m):	100

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Historical Land Use Information (1:2,500)

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point | Map ID | Several of Type at Location

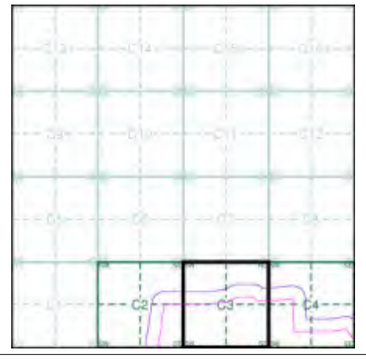
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▤
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▥

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment C3



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Plot Buffer (m):	100

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Historical Land Use Information (1:2,500)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID | Several of Type at Location

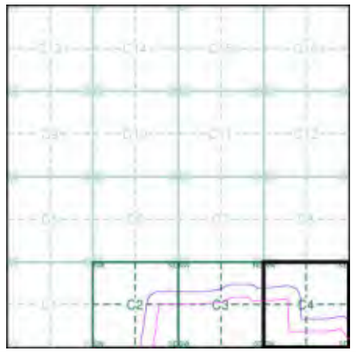
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▤
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▥

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment C4



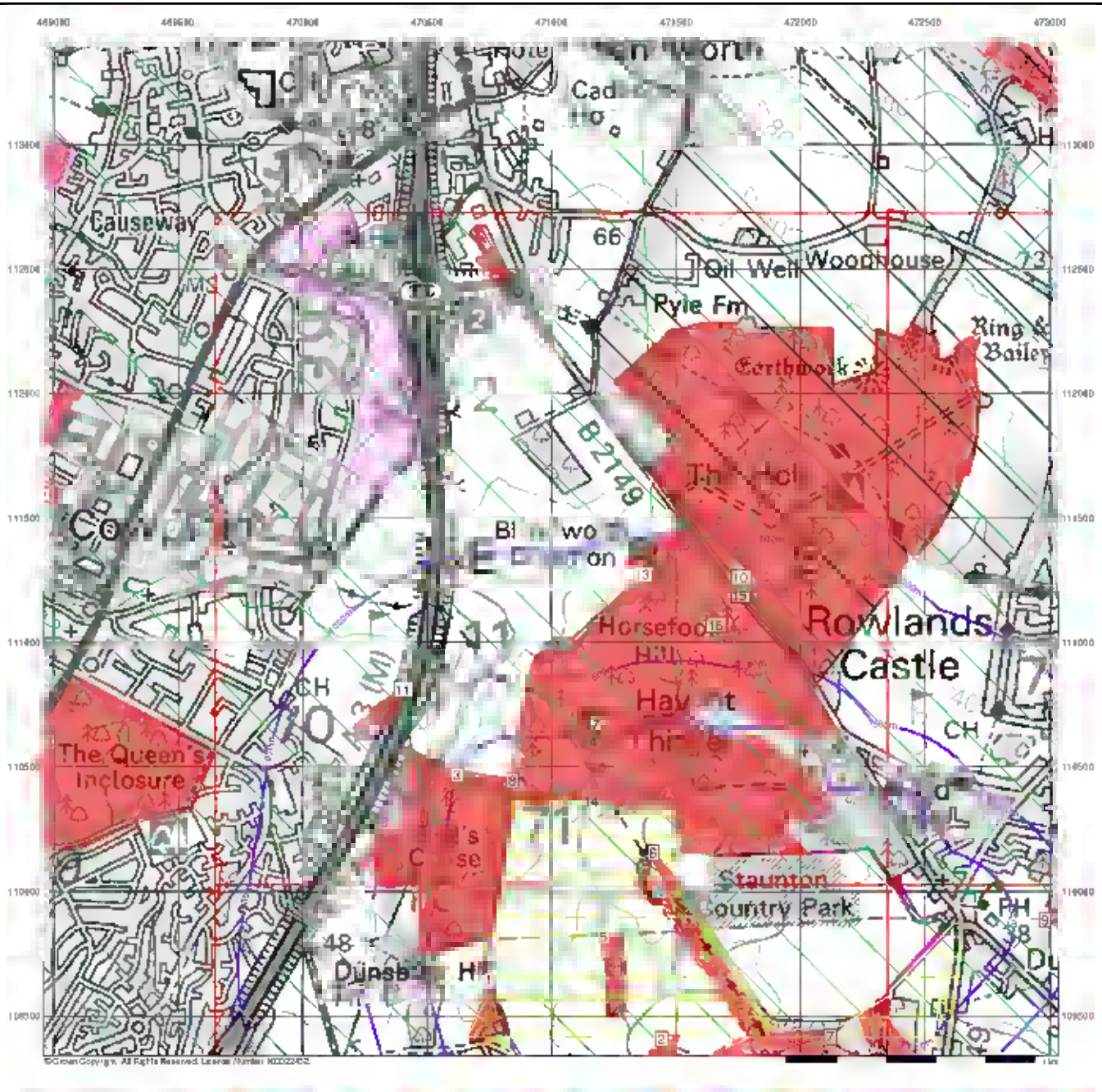
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Plot Buffer (m):	100

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



ATKINS

Ecology

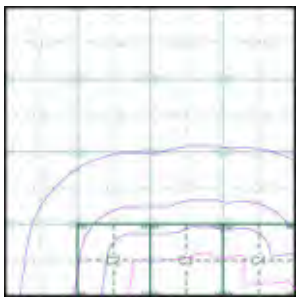
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Ecology

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Outstanding Natural Beauty
- Area of Unadopted Green Belt
- Country Parks
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Ecology - Slice C



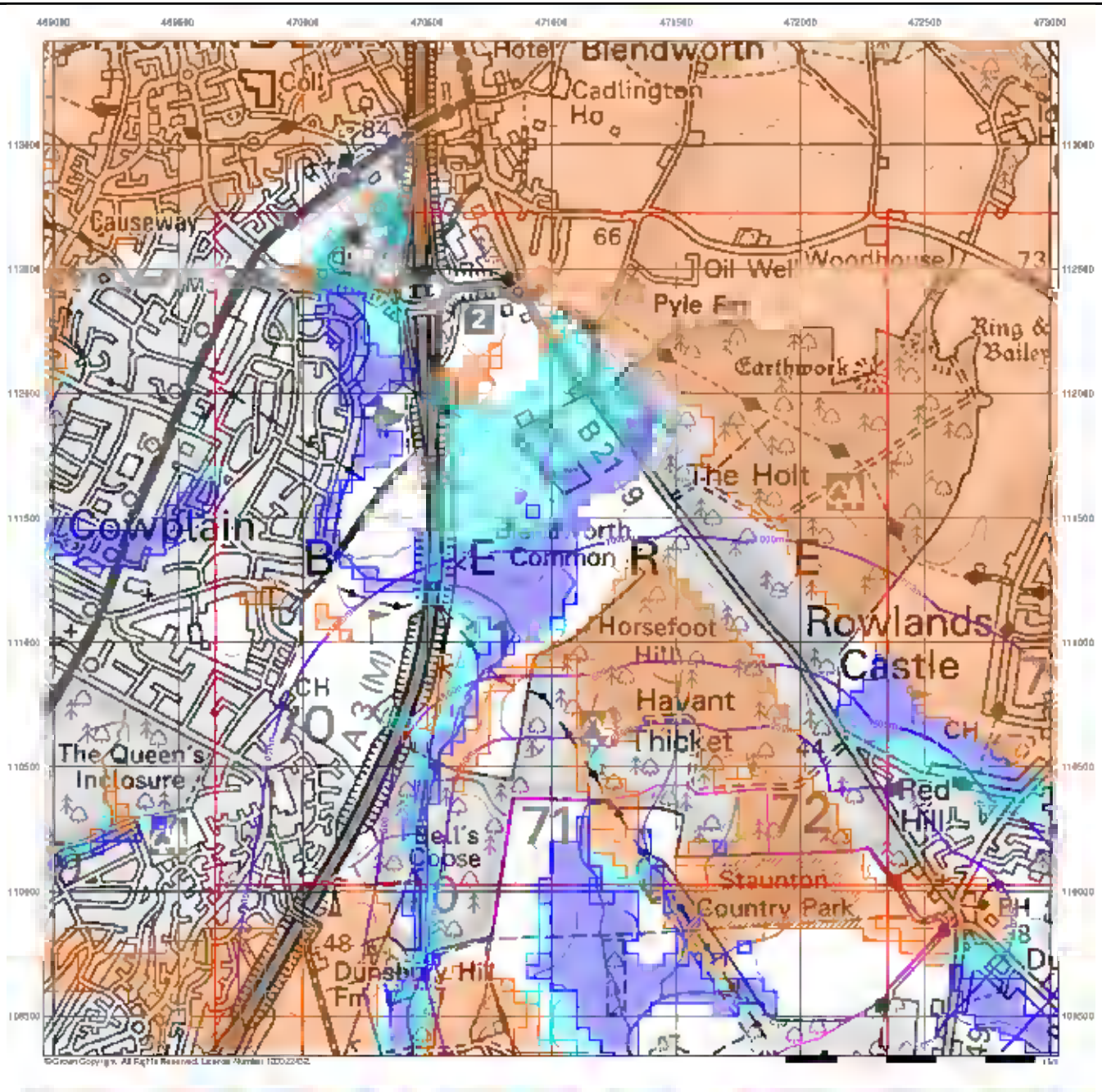
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
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Water and Hydrology

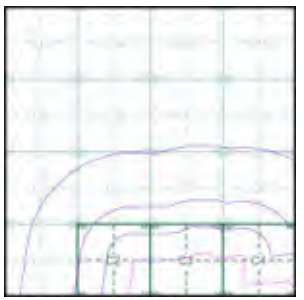
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Groundwater Flooding Susceptibility

- Potential for Groundwater Flooding to Occur at Surface
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Limited Potential for Groundwater Flooding to Occur

Groundwater Flooding Susceptibility - Slice C

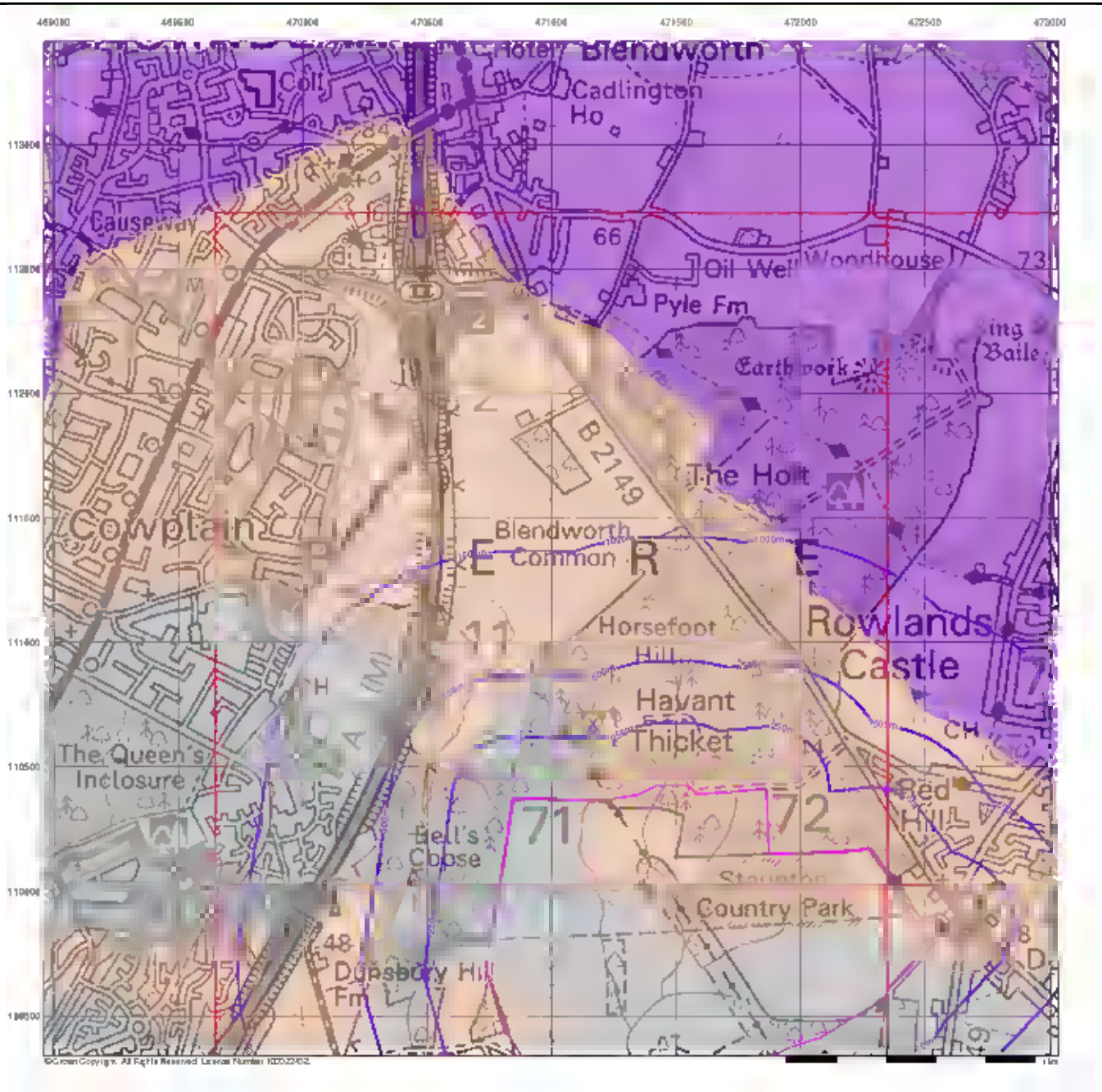


Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000



ATKINS

Water and Hydrology

General

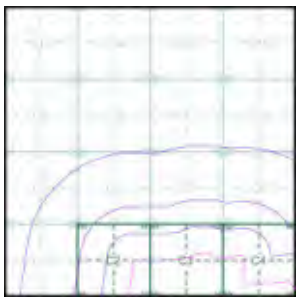
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Bedrock Aquifer Designations

Geological Classes

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

Bedrock Aquifer Designations - Slice C



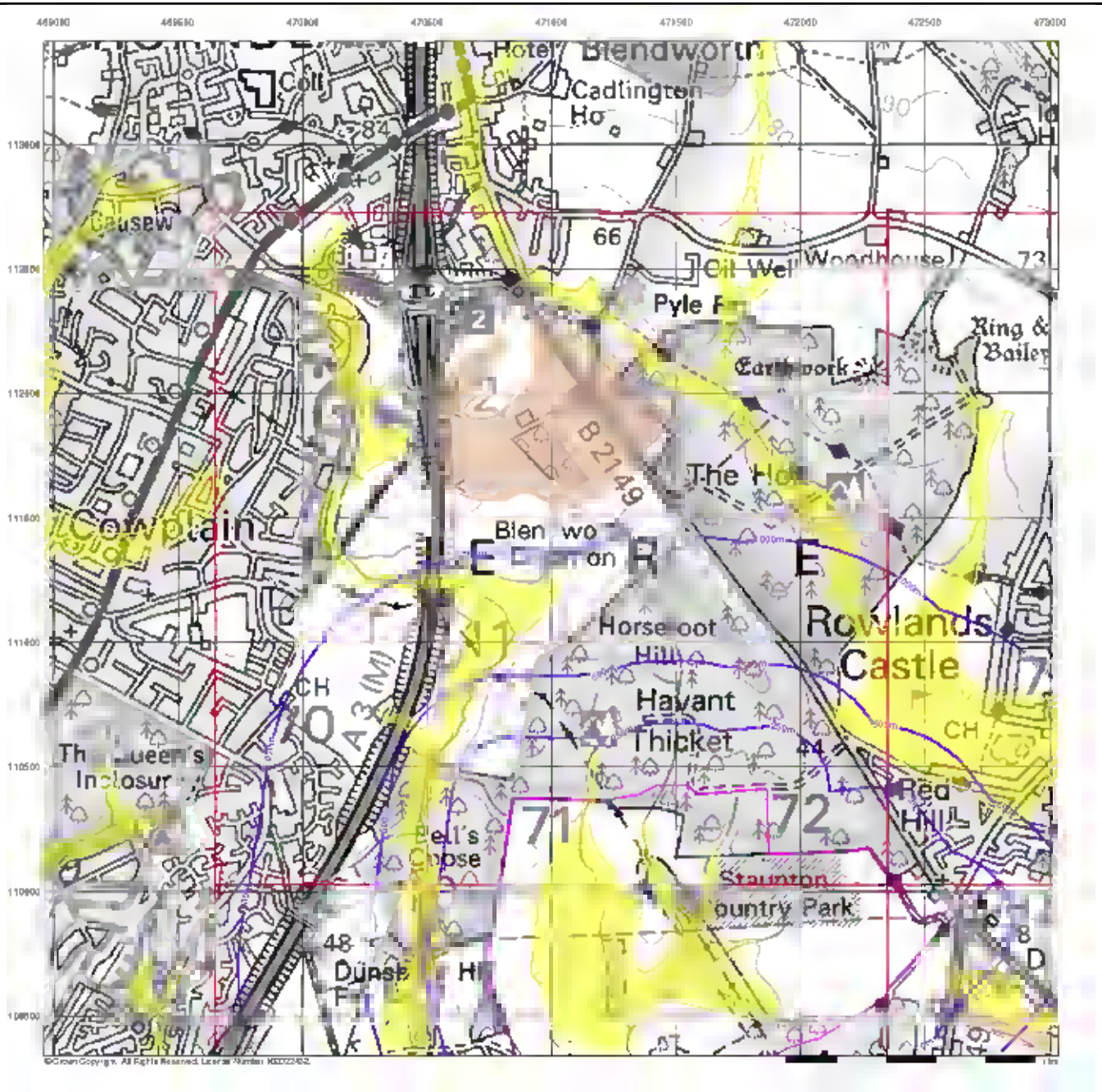
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Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000



ATKINS

Water and Hydrology

General

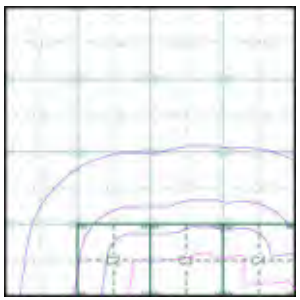
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Superficial Aquifer Designations

Geological Classes

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

Superficial Aquifer Designations - Slice C



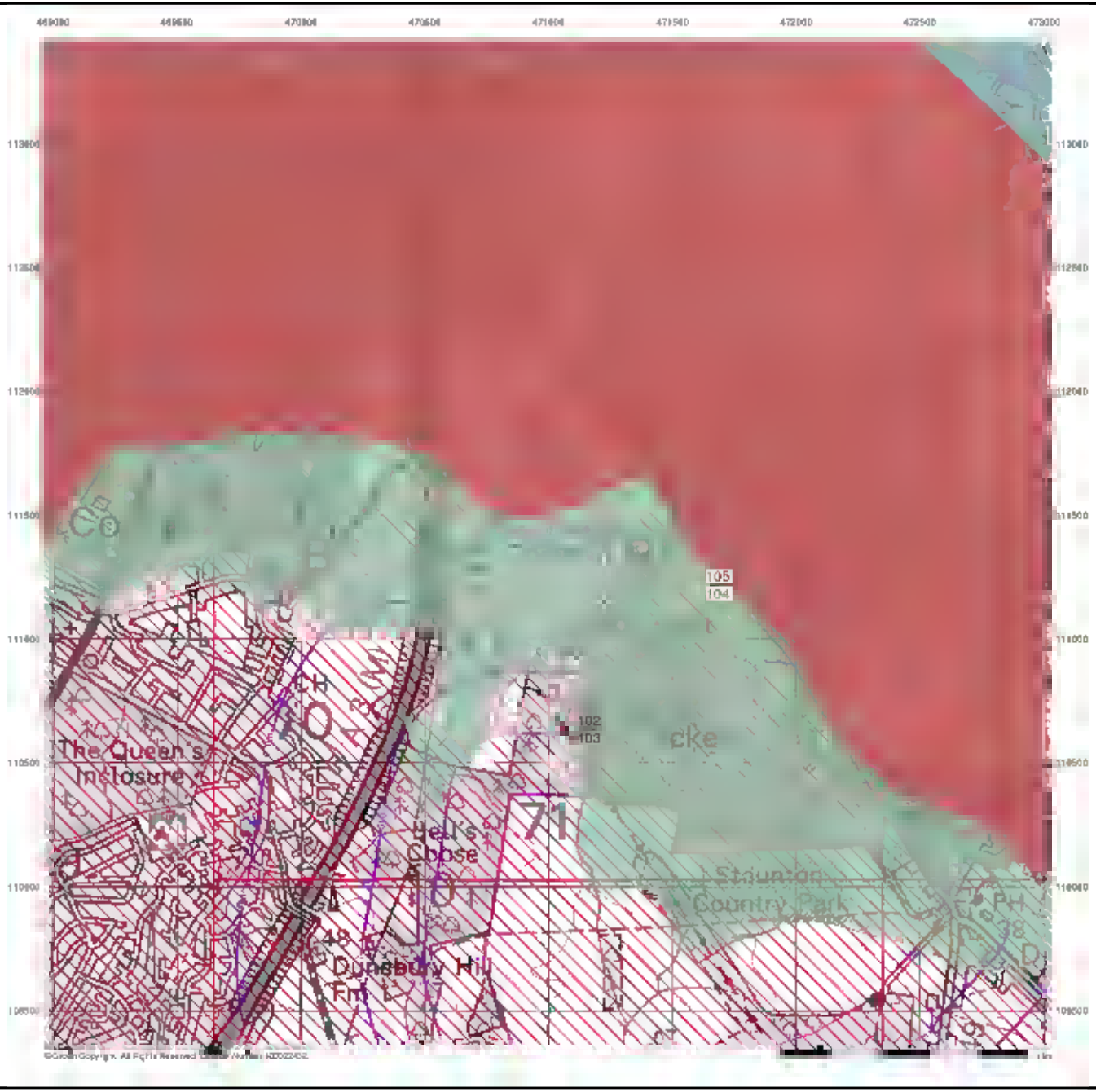
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Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000



ATKINS

Water and Hydrology

General

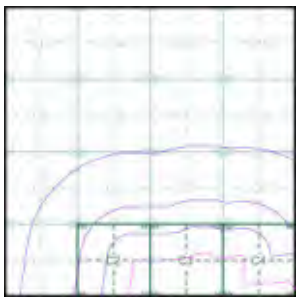
Specified Site | Specified Buffer(s) | Bearing Reference Point

Slice | Map ID

Source Protection Zones

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Source Protection Zones - Slice C

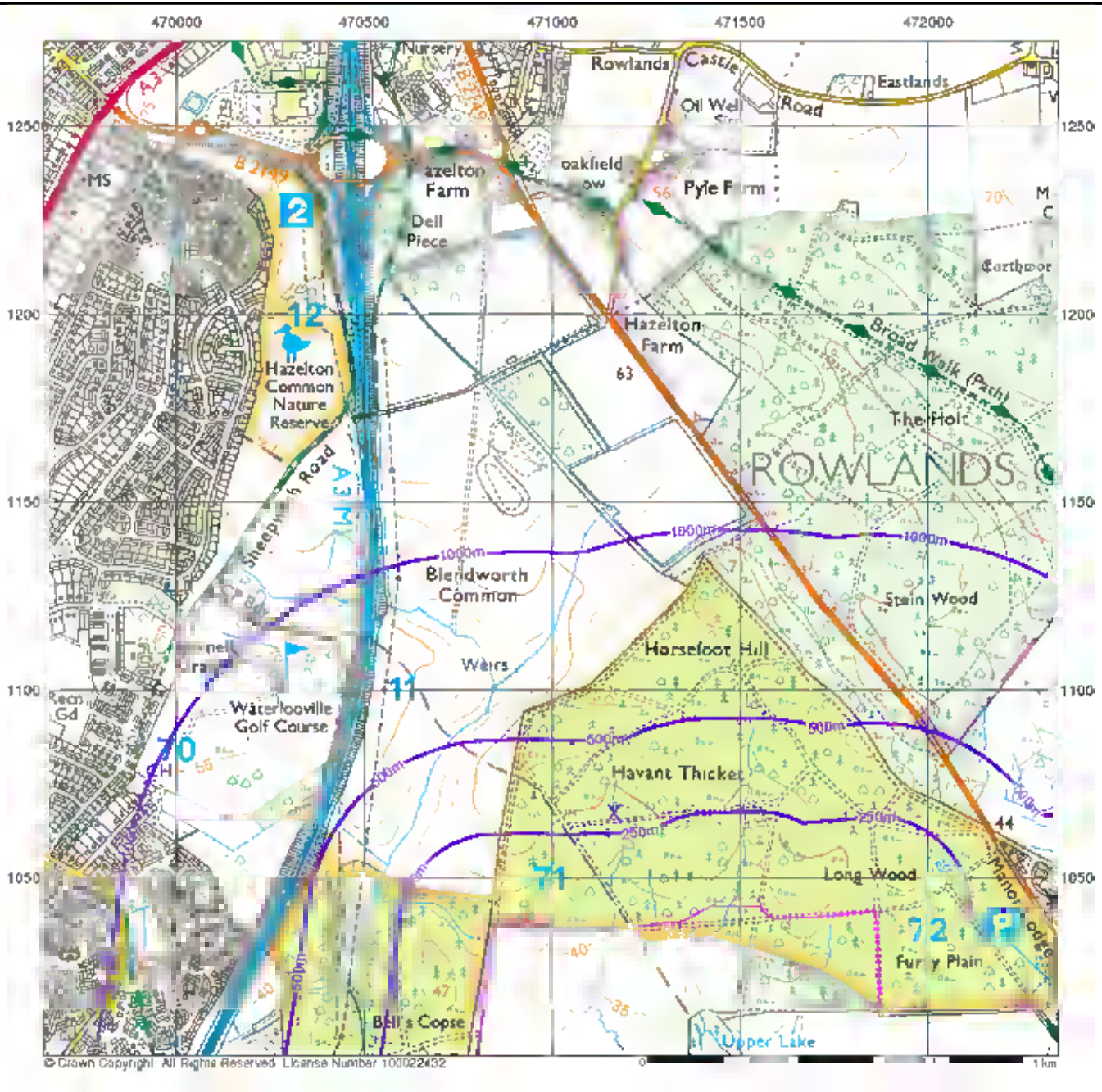


Order Details

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Site Details

Site at 472000, 110000



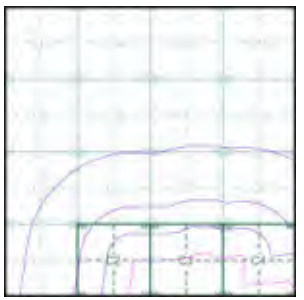
ATKINS

Site Location

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Site Location - Slice C



Order Details

Order Number:	202069335_1_1
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Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

OS Explorer Map / 1:25 000 Scale Colour Raster

Customer Information

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Communications

ROADS AND PATHS

Not necessarily rights of way

Service area

Junction number

M1 or A6(M) — Motorway

A35 — Dual carriageway

A30 — Main road

B3074 — Secondary road

Narrow road with passing places

Road under construction

Road generally more than 4 m wide

Road generally less than 4 m wide

Other road, drive or track, fenced and unfenced

Gradient: steeper than 20% (1 in 5); 14% (1 in 7) to 20% (1 in 5)

Ferry — Ferry; Ferry P - passenger only

Path

RAILWAYS

Multiple track / Single track — standard gauge

Narrow gauge or Light rapid transit system (LRTS) and station

Road over; road under; level crossing

Cutting; tunnel; embankment

Station, open to passengers; siding

PUBLIC RIGHTS OF WAY

(Rights of way are not shown on maps of Scotland)

Footpath

Bridleway

Byway open to all traffic

Restricted byway
(not for use by mechanically propelled vehicles)

Public rights of way shown on this map have been taken from local authority definitive maps and later amendments.
Rights of way are liable to change and may not be clearly defined on the ground.
Please check with the relevant local authority for the latest information

The representation on this map of any other road, track or path is no evidence of the existence of a right of way

OTHER PUBLIC ACCESS

Other routes with public access (not normally shown in urban areas)
The exact nature of the rights on these routes and the existence of any restrictions may be checked with the local highway authority. Alignments are based on the best information available

National Trail / Long Distance Route — Recreational Route

Permissive footpath / Permissive bridleway — Footpaths and bridleways along which landowners have permitted public use but which are not rights of way. The agreement may be withdrawn

Traffic-free cycle route

1 National cycle network route number - traffic free

1 National cycle network route number - on road

Scotland

In Scotland, everyone has access rights in law* over most land and inland water, provided access is exercised responsibly. **This includes walking, cycling, horse-riding and water access, for recreational and educational purposes, and for crossing land or water.** Access rights do not apply to motorised activities, hunting, shooting or fishing, nor if your dog is not under proper control. The **Scottish Outdoor Access Code** is the reference point for responsible behaviour, and can be obtained at **www.outdooraccess-scotland.com** or by phoning your local Scottish Natural Heritage office. *Land Reform (Scotland) Act 2003

National Trust for Scotland, always open / limited opening - observe local signs

Forestry Commission Land / Woodland Trust Land

England & Scotland

DANGER AREA

Firing and test ranges in the area. Danger! Observe warning notices
Champs de tir et d'essai. Danger! Se conformer aux avertissements
Schiess und Erprobungsgelände. Gefahr! Warnschilder beachten
Visit **www.access.mod.uk** for information

ACCESS LAND

England

Portrayal of access land on this map is intended as a guide to land which is normally available for access on foot, for example access land created under the Countryside and Rights of Way Act 2000, and land managed by the National Trust, Forestry Commission and Woodland Trust. Access for other activities may also exist.
Some restrictions will apply; some land will be excluded from open access rights.
The depiction of rights of access does not imply or express any warranty as to its accuracy or completeness. Observe local signs and follow the Countryside Code.
Visit **www.countrysideaccess.gov.uk** for up-to-date information

Access land boundary and tint

Access land in woodland area

Access information point

MANAGED ACCESS

Access permitted within managed controls for example, local byelaws
Visit **www.access.mod.uk** for information

July 2012

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General Information

VEGETATION

Limits of vegetation are defined by positioning of symbols

Coniferous trees
Non-coniferous trees
Coppice
Scrub
Bracken, heath or rough grassland
Marsh, reeds or saltings
Orchard

GENERAL FEATURES

+ Place of worship

Current or former place of worship { with tower / with spire, minaret or dome

Building; important building

Glasshouse

Youth hostel

Bunkhouse/camping barn/other hostel

Bus or coach station

Lighthouse; disused lighthouse; beacon

Triangulation pillar; mast

Windmill, with or without sails

Wind pump; wind turbine

pylon pole Electricity transmission line

Slopes

Gravel pit
Sand pit
Other pit or quarry
Landfill site or slag/spoil heap

BP/BS	Boundary post/stone
CG	Cattle grid
CH	Clubhouse
FB	Footbridge
MP ; MS	Milepost ; milestone
Mon	Monument
PO	Post office
Pol Sta	Police station
Sch	School
TH	Town hall
NTL	Normal tidal limit
W; Spr	Well; spring

BOUNDARIES

National
County (England)
Unitary Authority (UA), Metropolitan District (Met Dist), London Borough (LB) or District
(Scotland & Wales are solely Unitary Authorities)
Civil Parish (CP) (England) or Community (C) (Wales)
National Park boundary

HEIGHTS AND NATURAL FEATURES

52 · Ground survey height
284 · Air survey height

Surface heights are to the nearest metre above mean sea level. Where two heights are shown, the first height is to the base of the triangulation pillar and the second (in brackets) to the highest natural point of the hill

Vertical face/cliff

Contours may be at 5 or 10 metres vertical interval

Loose rock Boulders Outcrop Scree

Water
Mud
Sand; sand & shingle

ARCHAEOLOGICAL AND HISTORICAL INFORMATION

Site of antiquity
1066 Site of battle (with date)
Visible earthwork

VILLA Roman
Castle Non-Roman

Information provided by English Heritage for England and the Royal Commissions on the Ancient and Historical Monuments for Scotland and Wales

Selected Tourist and Leisure Information

RENSEIGNEMENTS TOURISME ET LOISIRS SÉLECTIONNÉS

Parking / Park & Ride, all year/seasonal
Parking / Parking et navette, ouvert toute l'année/en saison
Parkplatz / Park & Ride, ganzjährig/saisonal

Information centre, all year/seasonal
Office de tourisme, ouvert toute l'année/en saison
Informationsbüro, ganzjährig/saisonal

Visitor centre
Centre pour visiteurs
Besucherzentrum

Forestry Commission visitor centre
Commission Forestière: Centre de visiteurs
Staatsforst Besucherzentrum

PC
Public convenience
Toilettes
Öffentliche Toilette

Telephone, public/roadside assistance/emergency
Téléphone, public/borne d'appel d'urgence/urgence
Telefon, öffentlich/Notrufsäule/Notruf

Camp site/caravan site
Terrain de camping/Terrain pour caravanes
Campingplatz/Wohnwagenplatz

Recreation/leisure/sports centre
Centre de détente/loisirs/sports
Erholungs-/Freizeit-/Sportzentrum

Golf course or links
Terrain de golf
Golfplatz

Theme/pleasure park
Parc à thèmes/Parc d'agrément
Vergnügungs-/Freizeitpark

Preserved railway
Chemin de fer touristique
Museumseisenbahn

Public house/s
Pub/s
Gaststätte/n

Craft centre
Centre artisanal
Zentrum für Kunsthandwerk

AUSGEWAHLTE INFORMATIONEN ZU TOURISTIK UND FREIZEITGESTALTUNG

Walks/trails
Promenades
Wanderwege

Cycle trail
Piste cyclable
Radfahrweg

Mountain bike trail
Chemin pour VTT
Mountainbike-Strecke

Cycle hire
Location de vélos
Fahrradverleih

Horse riding
Equitation
Reitstall

Viewpoint
Point de vue
Aussichtspunkt

Picnic site
Emplacement de pique-nique
Picknickplatz

Country park
Parc naturel
Landschaftspark

Garden/arboretum
Jardin/Arboretum
Garten/Baumgarten

Water activities
Jeux aquatiques
Wassersport

Slipway
Cale
Helling

Boat trips
Croisières en bateau
Bootsfahrten

Boat hire
Location de bateau
Bootsverleih

Nature reserve
Réserve naturelle
Naturschutzgebiet

Fishing
Pêche
Angeln

Other tourist feature
Autre site intéressant
Sonstige Sehenswürdigkeit

Cathedral/Abbey
Cathédrale/Abbaye
Kathedrale/Abtei

Museum
Musée
Museum

Castle/fort
Château/Fortification
Burg/Festung

Building of historic interest
Bâtiment d'intérêt historique
Historisches Gebäude

HC
Heritage centre
Centre d'héritage
Heimatmuseum

National Trust

English Heritage

Historic Scotland

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Ordnance Survey®

ATKINS

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
202069335_1_1

Customer Reference:
5169117

National Grid Reference:
471170, 110670

Slice:
C

Site Area (Ha):
172.43

Search Buffer (m):
1000

Site Details:

Site at 472000, 110000

Client Details:

Mr O Pengilly
Atkins Ltd
Woodcote Grove
Ashley Road
Epsom
Surrey
KT18 5BW

ATKINS

Contents

Report Section	Page Number
Summary	-
Ecology	1
Heritage	-
Water & Hydrology	3
Visual and Landscape	16
Data Currency	17
Data Suppliers	19
Useful Contacts	20

Introduction

The process of an Environmental Impact Assessment is governed by the Town and Country Planning (Environmental Impact Assessment) Regulations 2011. These regulations apply the EU directive "on the assessment of the effects of certain public and private projects on the environment" (usually referred to as the Environmental Impact Assessment Directive) to the planning system in England.

The aim of the Envirocheck Environmental Impact Assessment Report is to provide the necessary site-specific environmental data required to assess the potential environmental effects of a development. Ultimately this assessment is required by the local planning authority in order to decide whether or not to grant planning permission for a project, so as to protect the environment. The regulations set out a procedure for identifying those projects which should be subject to an Environmental Impact Assessment, and for assessing, consulting and coming to a decision on those projects which are likely to have significant environmental effects.

The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

ATKINS

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Ecology					
Ancient Woodland	pg 1	8		2	3
Areas of Adopted Green Belt					
Areas of Outstanding Natural Beauty					
Areas of Unadopted Green Belt					
Country Parks	pg 1	1			
Environmentally Sensitive Areas					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks	pg 2			1	
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 2	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
Heritage					
Historic Battlefields					
Listed Buildings					
Scheduled Monuments					
World Heritage Sites					
Water & Hydrology					
Areas Benefiting from Flood Defences				n/a	n/a
BGS Groundwater Flooding Susceptibility	pg 3	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
OS Water Network Lines	pg 5	8	8	19	49
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Historic Flood Events				n/a	n/a
Source Protection Zones	pg 15	2		2	
Visual and Landscape					
Historic Parks, Gardens and Designed Landscapes	pg 16	1			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Ancient Woodland** Name: Cabbagefield Row Reference: 1490462 Area(m²): 20433.57 Type: Ancient and Semi-Natural Woodland	(S)	0	1	470748 109645
2	**Ancient Woodland** Name: Not Supplied Reference: 1490467 Area(m²): 19867.39 Type: Plantation on Ancient Woodland	(S)	0	1	471438 109405
3	**Ancient Woodland** Name: Bells Copse Reference: 1490468 Area(m²): 205917.71 Type: Ancient and Semi-Natural Woodland	C2NW (W)	0	1	470621 110467
4	**Ancient Woodland** Name: Forest Of Bere Reference: 1490469 Area(m²): 989948.26 Type: Plantation on Ancient Woodland	C3NW (S)	0	1	471166 110672
5	**Ancient Woodland** Name: Not Supplied Reference: 1490507 Area(m²): 21769.43 Type: Ancient and Semi-Natural Woodland	(S)	0	1	471209 109816
6	**Ancient Woodland** Name: Not Supplied Reference: 1490508 Area(m²): 145244.95 Type: Ancient and Semi-Natural Woodland	C3SE (SE)	0	1	471408 110154
7	**Ancient Woodland** Name: Hammonds Lands Copse Reference: 1490539 Area(m²): 57529.77 Type: Ancient and Semi-Natural Woodland	(SE)	0	1	472121 109417
8	**Ancient Woodland** Name: Bells Copse Reference: 1491084 Area(m²): 93311.43 Type: Plantation on Ancient Woodland	C2NE (SW)	0	1	470845 110444
9	**Ancient Woodland** Name: Not Supplied Reference: 1491063 Area(m²): 13818.48 Type: Ancient and Semi-Natural Woodland	(SE)	377	1	472982 109884
10	**Ancient Woodland** Name: The Holt Reference: 1490510 Area(m²): 1261046.78 Type: Plantation on Ancient Woodland	C8NW (NE)	450	1	471760 111190
11	**Ancient Woodland** Name: Not Supplied Reference: 1490449 Area(m²): 9590.76 Type: Ancient and Semi-Natural Woodland	C6SW (W)	576	1	470408 110810
12	**Ancient Woodland** Name: Not Supplied Reference: 1490451 Area(m²): 1872.5 Type: Ancient and Semi-Natural Woodland	C1NE (W)	656	1	470250 110636
13	**Ancient Woodland** Name: Not Supplied Reference: 1490463 Area(m²): 13342.47 Type: Ancient and Semi-Natural Woodland	C7NE (N)	853	1	471366 111274
14	**Country Parks** Name: Staunton Reference: 1421985 Area(m²): 1937416.72	C3SW (S)	0	1	471163 110360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**National Parks** Name: South Downs Multiple Area: N Area(m²): 1652679314.3 Source: Natural England **Status: Fully Designated - designated as a National Park** Designation Date: 2nd November 2009	C8NW (NE)	448	1	471758 111188
16	**Nitrate Vulnerable Zones** Name: Hampshire Chalk Description: Groundwater Source: Environment Agency, Head Office	C7NE (NE)	0	2	471662 111067
17	**Nitrate Vulnerable Zones** Name: Chichester,Langstone And Portsmouth Harbours Eutrophic Nvz (Trac) Description: Eutrophic Water Source: Environment Agency, Head Office	C3NW (S)	0	2	471166 110672

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Areas Benefiting from Flood Defences None				
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	0	5	471166 110150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SW (S)	0	5	471166 110250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NW (S)	0	5	471200 110450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SW (S)	0	5	471200 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (S)	0	5	471350 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (S)	0	5	471400 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SW (S)	0	5	471166 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	5	471166 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	5	471350 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	5	471400 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	5	471150 109350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	5	471000 109950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	5	471450 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	471600 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (SE)	0	5	471500 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	471500 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	5	471750 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	472400 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	472300 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	5	471100 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	5	470850 109650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	5	471000 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	5	471650 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	471700 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	5	470950 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	5	471500 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	471600 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	0	5	471650 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	5	471450 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	5	471750 109550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	5	470950 109550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	5	471000 109400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	5	470750 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	5	471050 109350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	5	471100 109350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	471550 109850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3NW (W)	0	5	471150 110672
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	472350 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	471900 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	0	5	471600 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	5	471650 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SW (S)	0	5	471150 110300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	5	471150 110000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	5	470900 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	0	5	470950 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (SE)	0	5	471350 110250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C3SE (SE)	0	5	471650 110200
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - A	(SW)	0	2	470706 109710
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - A	(S)	0	2	471166 110000
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - A	C3NW (S)	0	2	471166 110672
	Bedrock Aquifer Designations Aquifer Desination: Unproductive Strata	C3NW (W)	0	2	471086 110658
	Bedrock Aquifer Designations Aquifer Desination: Unproductive Strata	(S)	0	2	471163 110000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	2	471166 110000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C3NW (S)	0	2	471180 110550
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C3SE (SE)	0	2	471396 110297
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	C4SW (SE)	0	2	471693 110218
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 504.7 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C4SW (SE)	0	6	471872 110148
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 209.4 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C4SE (SE)	0	6	472340 110098
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1071.2 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C3NW (S)	0	6	471166 110423
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 650.7 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C3NE (E)	0	6	471503 110635

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 74.2 Watercourse Level: On ground surface Watercourse Name: Upper Lake Permanent: True Catchment Name: East Hampshire Primacy: 1	C3SE (S)	0	6	471402 110086
23	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 34.4 Watercourse Level: On ground surface Watercourse Name: Upper Lake Permanent: True Catchment Name: East Hampshire Primacy: 1	C3SE (SE)	0	6	471458 110037
24	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 40.6 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 2	C3SE (SE)	0	6	471458 110037
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 650.9 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C4NW (SE)	0	6	471744 110397
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C4SE (SE)	1	6	472340 110101
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 372.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C4SE (SE)	2	6	472340 110101
28	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 3.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2SE (SW)	5	6	470839 110337
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 276.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2SE (SW)	8	6	470836 110336
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.1 Watercourse Level: Not Supplied Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C3NW (S)	56	6	471161 110474

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 340.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C3NW (NE)	106	6	471171 110674
32	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 19.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C3NE (E)	239	6	471506 110663
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1413.2 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2SW (SW)	246	6	470497 110181
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 77.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2NW (SW)	258	6	470599 110432
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 333.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C3NE (E)	258	6	471504 110692
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 131.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2NW (W)	325	6	470555 110515
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2NW (W)	327	6	470565 110530
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2NW (W)	328	6	470527 110430
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 500.2 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6SE (NW)	328	6	470821 110937

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 212.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2NW (W)	328	6	470565 110530
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 284.9 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2NW (W)	328	6	470526 110430
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 398.2 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2SW (SW)	356	6	470466 110214
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 365.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C4NE (E)	358	6	472180 110626
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 90.6 Watercourse Level: Not Supplied Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	383	6	472132 110703
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.9 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	397	6	472132 110703
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 238.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 2	C4NE (E)	407	6	472197 110677
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C4NE (E)	434	6	472199 110686
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 216.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C4NE (E)	434	6	472200 110684

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	455	6	472207 110709
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 77.7 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	466	6	472226 110702
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.4 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	466	6	472226 110702
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 172.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	480	6	472139 110807
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	505	6	472219 110769
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	507	6	472219 110771
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C4NE (E)	526	6	472336 110692
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2NW (W)	531	6	470419 110677
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	531	6	472227 110832

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	531	6	472249 110776
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	563	6	472325 110734
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 158.9 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C2NW (W)	570	6	470381 110692
61	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 10.6 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6SE (NW)	575	6	470823 110940
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	583	6	472282 110829
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6SE (NW)	584	6	470828 110949
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 72.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	593	6	472278 110834
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	594	6	472340 110764
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	600	6	472344 110770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	627	6	472346 110810
68	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 12.7 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6SE (NW)	632	6	470843 110997
69	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 2.9 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6SE (NW)	644	6	470846 111009
70	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 1.6 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6SE (NW)	644	6	470846 111009
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.4 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C8SE (E)	644	6	472293 110891
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 175.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6SE (NW)	645	6	470844 111011
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 569.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6SE (NW)	645	6	470873 111025
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 326.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1NE (W)	664	6	470238 110628
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1NE (W)	664	6	470238 110628

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.4 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1SE (SW)	667	6	470131 110076
77	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 3.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1SE (SW)	673	6	470120 110048
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1SE (SW)	673	6	470120 110048
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.7 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1SE (SW)	676	6	470116 110045
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1SE (SW)	676	6	470117 110048
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1NE (W)	708	6	470201 110654
82	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 8.9 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1NE (W)	710	6	470200 110655
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1SE (SW)	720	6	470071 110040
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NE (NW)	781	6	470758 111142

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 220.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NE (NW)	782	6	470753 111142
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	900	6	470570 111221
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	900	6	470570 111221
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.6 Watercourse Level: Not Supplied Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	907	6	470563 111226
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 706.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	907	6	470569 111228
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1NW (W)	908	6	469939 110428
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 305.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C7NW (N)	911	6	471292 111326
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 109.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1NW (W)	911	6	469916 110418
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C1NW (W)	930	6	469916 110420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 17.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	940	6	470480 111230
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.6 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C5NE (NW)	942	6	470273 111111
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	949	6	470463 111233
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.9 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	951	6	470458 111233
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 502.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C11SE (N)	964	6	471377 111386
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	970	6	470430 111241
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 70.4 Watercourse Level: Not Supplied Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	986	6	470410 111248
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 168.2 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	C6NW (NW)	986	6	470410 111248
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Flood Defences None				
	Flood Water Storage Areas None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Historic Flood Events None				
102	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	C3NW (S)	0	7	471166 110672
103	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone Ic (Inner Protection Zone): Travel time of 50 days or less to the groundwater source - subsurface activity only.	C3NW (S)	0	7	471166 110672
104	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	C8NW (NE)	254	7	471687 111252
105	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	C8NW (NE)	254	7	471687 111252

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	**Historic Parks, Gardens and Designed Landscapes** Name: Leigh Park (Staunton Country Park) Reference: 1000112 Area(m²): 944958.37 Type: Grade II* Historic Park, Garden or Designed Landscape Source: Historic England Registered Date: 31st May 1984	C3SE (SE)	0	4	471408 110154

Ecology	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	August 2018	Bi-Annually
Country Parks Natural England	October 2017	Annually
Environmentally Sensitive Areas Natural England	January 2017	
Local Nature Reserves Natural England	March 2019	Bi-Annually
Marine Nature Reserves Natural England	January 2018	Bi-Annually
National Nature Reserves Natural England	August 2018	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2019	Bi-Annually
Special Areas of Conservation Natural England	August 2018	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually
Heritage	**Version**	**Update Cycle**
Listed Buildings Historic England	February 2018	Bi-Annually
Scheduled Monuments Historic England	July 2018	Bi-Annually

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2019	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
OS Water Network Lines Ordnance Survey	January 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Flood Defences Environment Agency - Head Office	February 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2019	Quarterly
Historic Flood Events Environment Agency - Head Office	February 2019	Quarterly
Source Protection Zones Environment Agency - Head Office	January 2019	Quarterly
Visual and Landscape	**Version**	**Update Cycle**
Historic Parks, Gardens and Designed Landscapes Historic England	July 2018	Bi-Annually

Data Suppliers

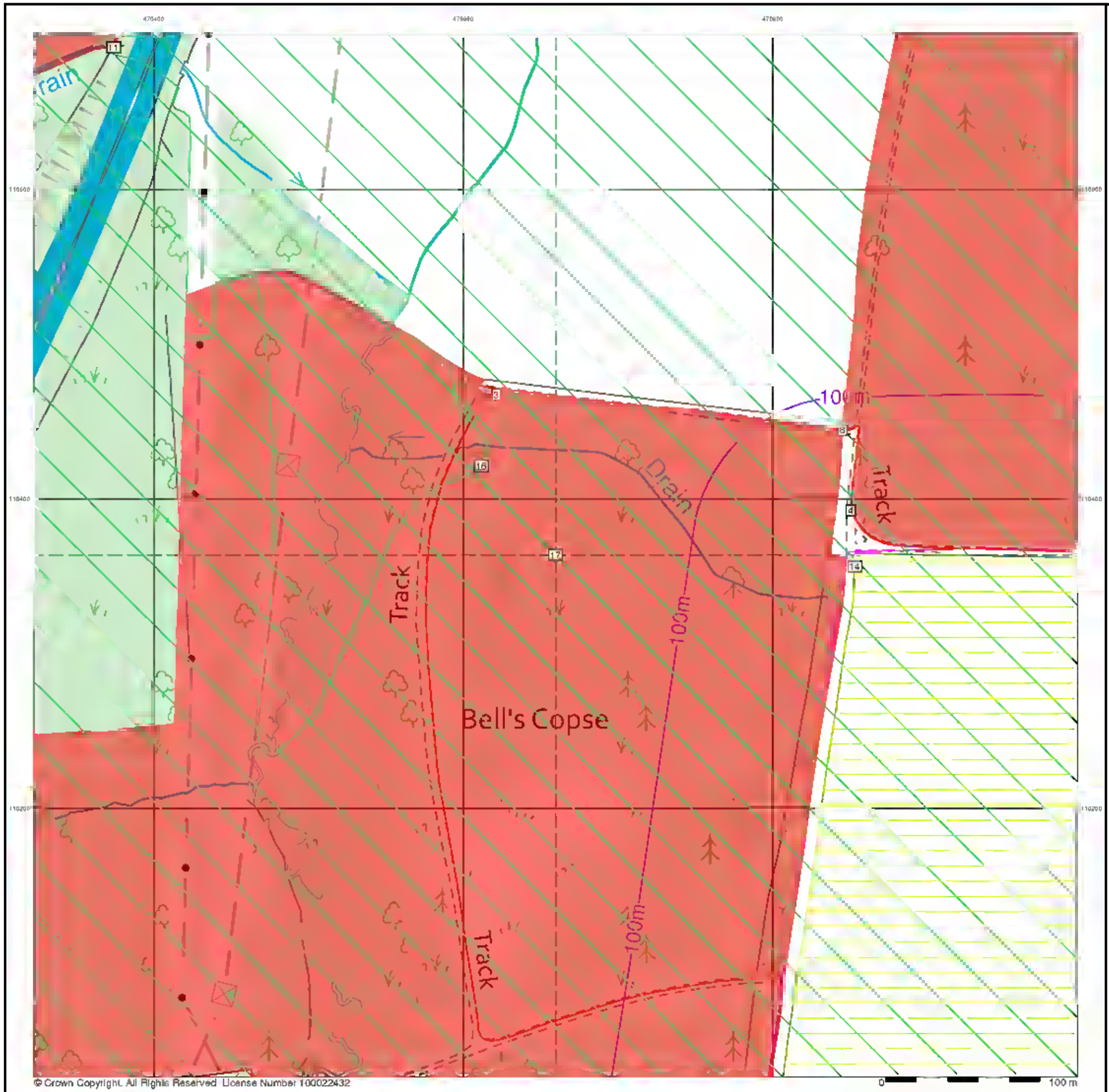
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	

Useful Contacts

Contact	Name and Address	Contact Details
1	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
2	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
3	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
4	**Historic England** 1 Waterhouse Square, 138 - 142 Holborn, London, EC1N 2ST	Telephone: 0370 333 0607 Email: customers@historicengland.org.uk Website: www.historicengland.org.uk
5	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
6	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
7	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



ATKINS

Site Sensitivity

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Ecology

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Country Parks
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

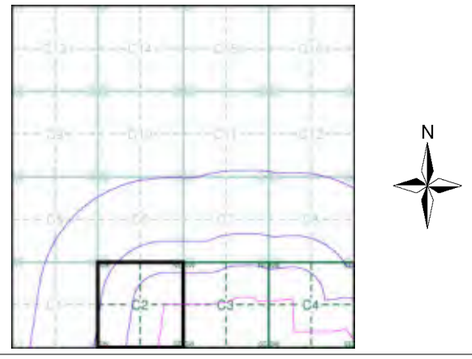
Heritage

- Historic Battlefields
- Listed Buildings
- Scheduled Monuments
- World Heritage Sites

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Segment C2



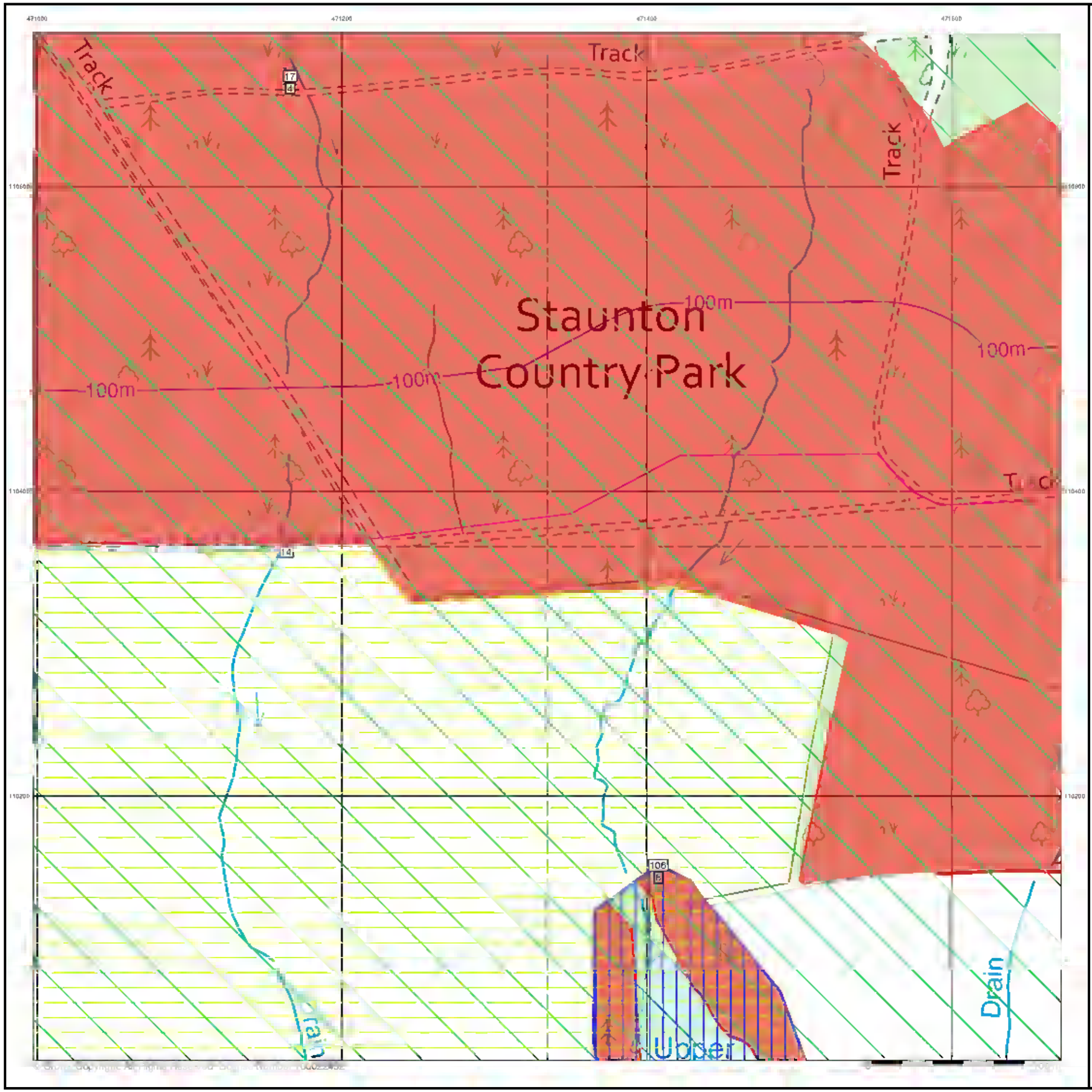
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



ATKINS

Site Sensitivity

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Ecology

- Ancient Woodland
- Area of Adopted Green Belt
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- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

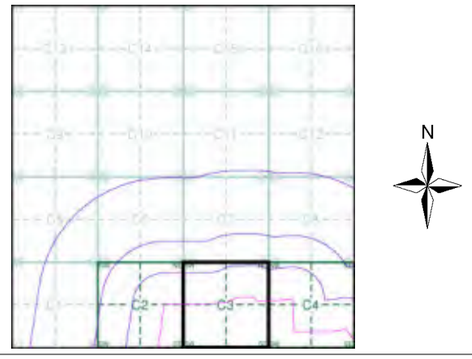
Heritage

- Historic Battlefields
- Listed Buildings
- Scheduled Monuments
- World Heritage Sites

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Segment C3



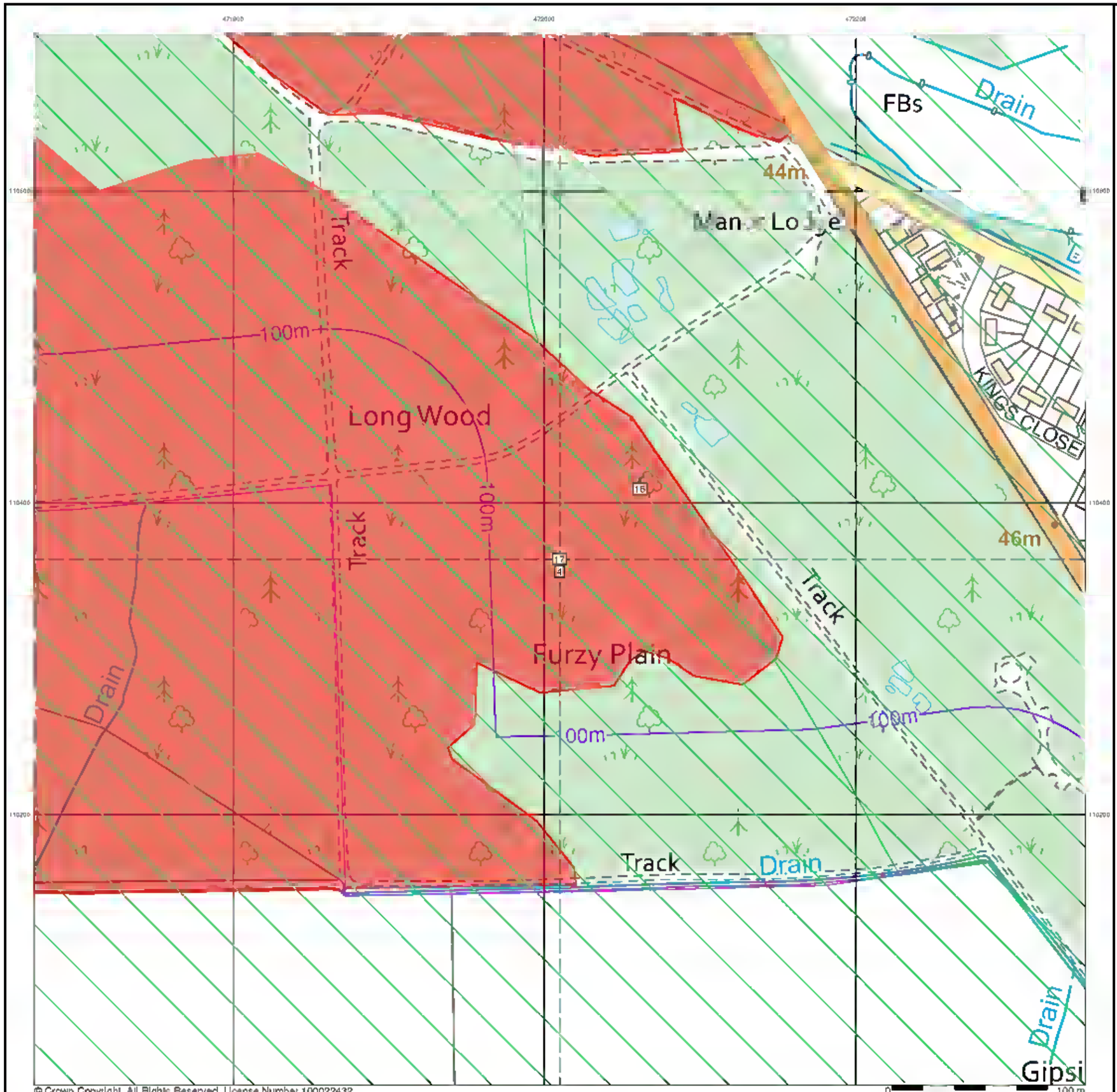
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43

Site Details

Site at 472000, 110000

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Site Sensitivity

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID | Several of Type at Location

Ecology

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Country Parks
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

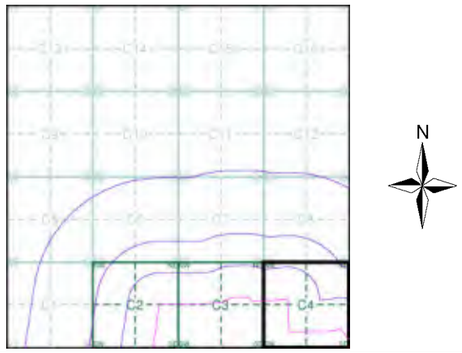
Heritage

- Historic Battlefields
- Scheduled Monuments
- Listed Buildings
- World Heritage Sites

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Segment C4



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43

Site Details

Site at 472000, 110000

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Aerial Photo

General

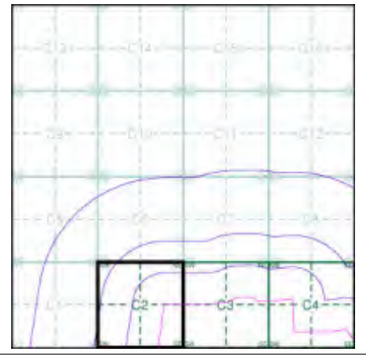
Specified Site

Specified Buffer(s)

Bearing Reference Point

Published Date(s):
2017

Aerial Photo - Segment C2



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43

Site Details

Site at 472000, 110000

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ATKINS

Aerial Photo

General

Specified Site

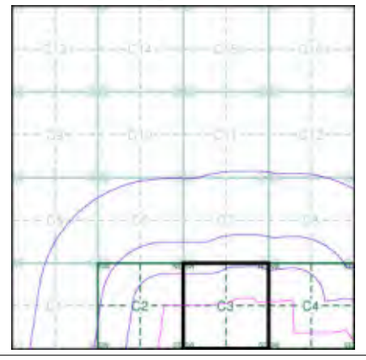
Specified Buffer(s)

Bearing Reference Point

Published Date(s):

2013

Aerial Photo - Segment C3



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43

Site Details

Site at 472000, 110000

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Aerial Photo

General

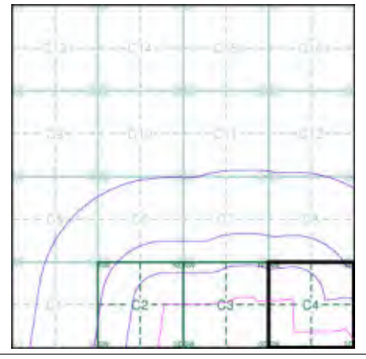
Specified Site

Specified Buffer(s)

Bearing Reference Point

Published Date(s):
2013

Aerial Photo - Segment C4



Order Details

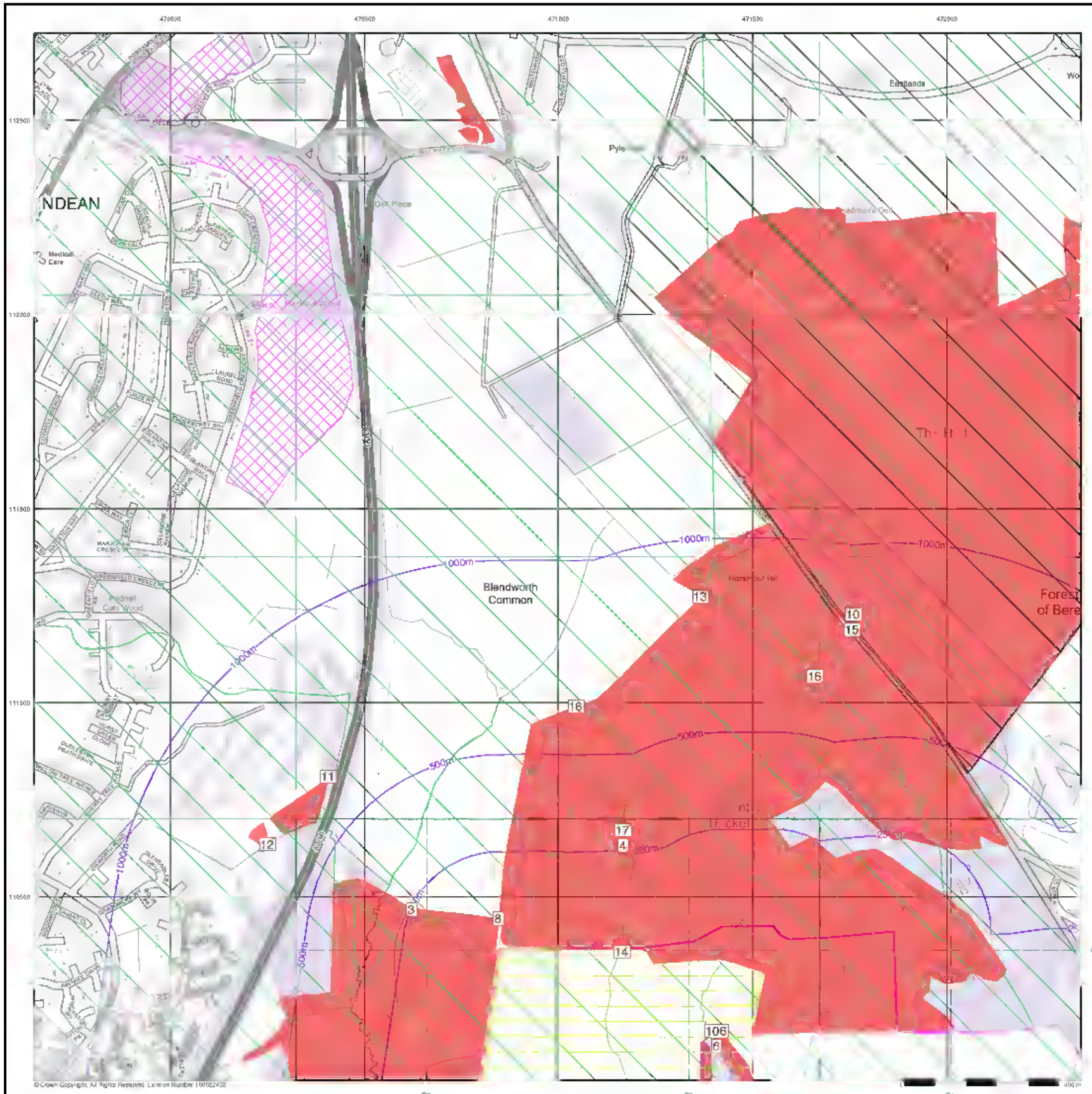
Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43

Site Details

Site at 472000, 110000

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ATKINS

Site Sensitivity

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID | Several of Type at Location

Ecology

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Country Parks
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

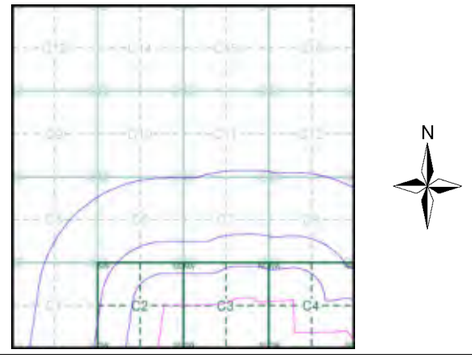
Heritage

- Historic Battlefields
- Listed Buildings
- Scheduled Monuments
- World Heritage Sites

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Slice C



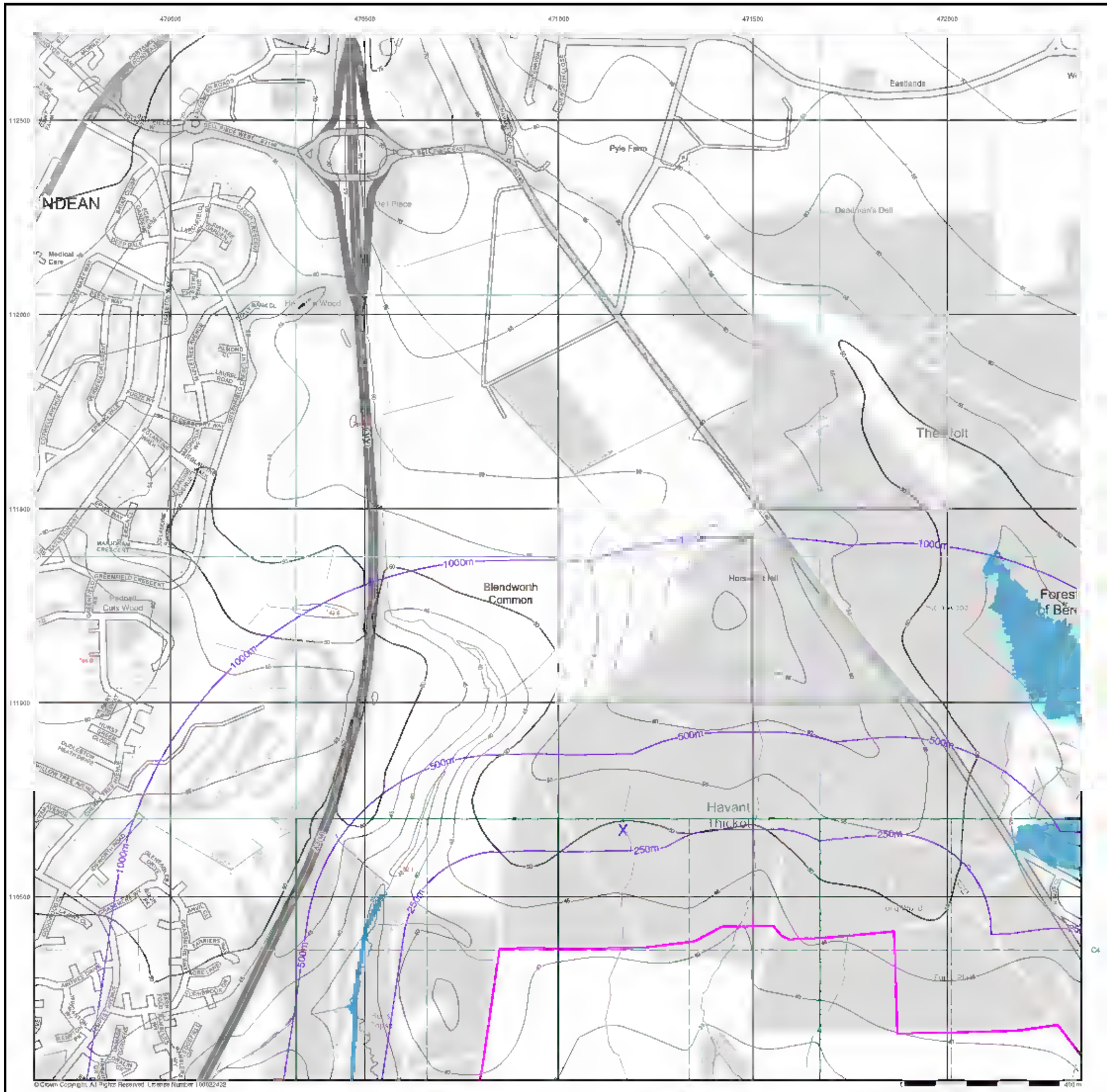
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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ATKINS

Water and Hydrology

General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Flood

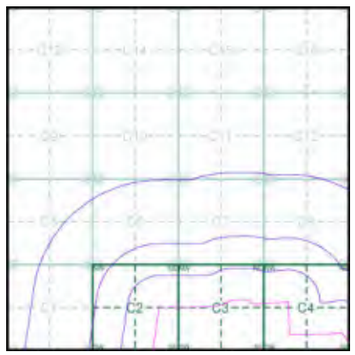
- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Contours (height in meters)

Standard Contour 105 100 95
Master Contour
Spot Height 167.8

MLW Mean Low Water
MHW Mean High Water

Flood - Slice C



N

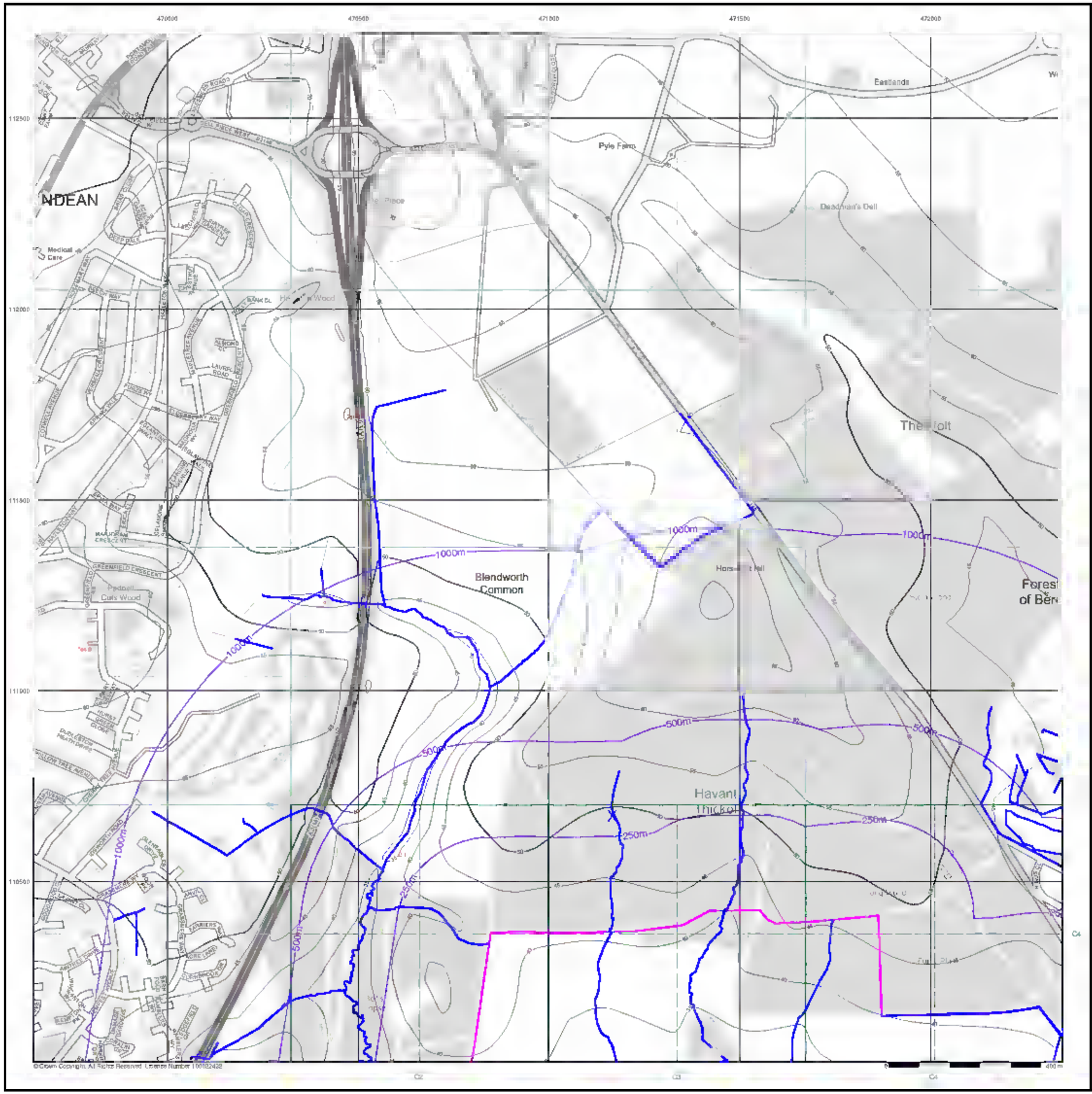
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Web: www.envirocheck.co.uk



ATKINS

Water And Hydrology

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

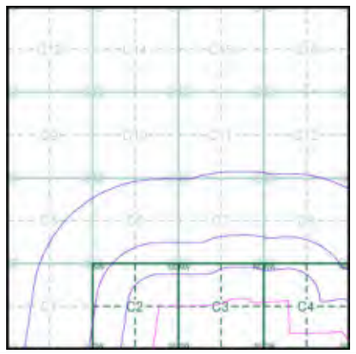
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network - Slice C



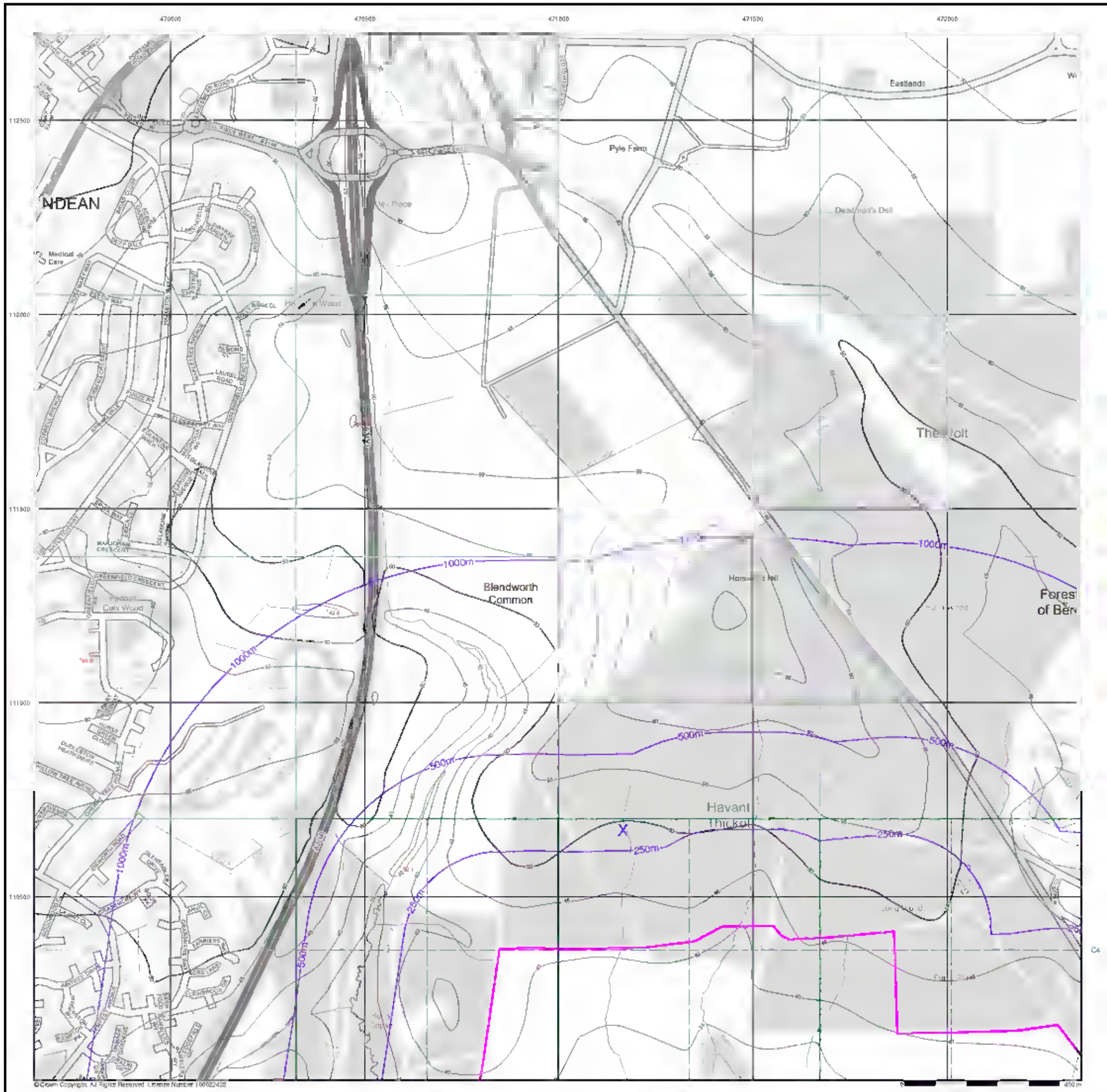
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Web: www.envirocheck.co.uk



ATKINS

Water and Hydrology

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

Historic Flood

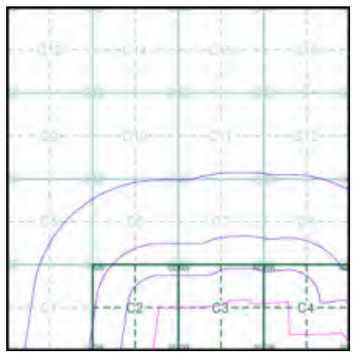
- Channel Capacity Exceeded (no raised defences)
- Channel Capacity Exceeded /Surface Water
- Groundwater/High Water Table
- Local Drainage/Surface Water
- Mechanical Failure
- Obstruction/Blockage - Bridge
- Obstruction/Blockage - Channel
- Historical Flood Liabilities
- Obstruction/Blockage - Culvert
- Obstruction/Blockage - Debris Screen
- Operational Failure/ Breach of Defence
- Other
- Overtopping of Defences
- Surface Water
- Unknown

Contours (height in meters)

Standard Contour 105 100 95
Master Contour
Spot Height * 167.8

MLW Mean Low Water
MHW Mean High Water

Historic Flood - Slice C



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



ATKINS

Aerial Photo

General

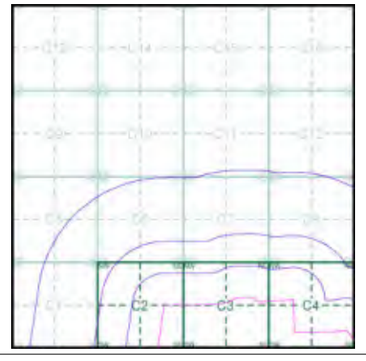
Specified Site

Specified Buffer(s)

Bearing Reference Point

Published Date(s):
2013

Aerial Photo - Slice C



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

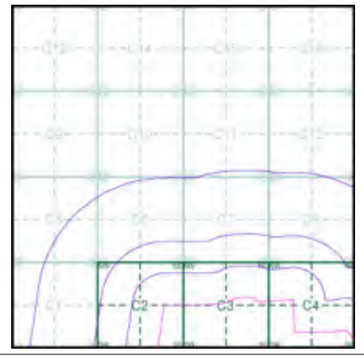
ATKINS

Site Location

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Site Location - Slice C



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Landmark INFORMATION GROUP

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

OS VectorMap® Local

Colour Raster version

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COMMUNICATIONS (TRANSPORT)

Depicted roads are not necessarily rights of way

- Motorway
- Primary road
- Main road ('A' road)
- Secondary road ('B' road)
- Minor road
- Local street
- Private road with public access
- Pedestrianised street
- Multiple track railway
- Single track railway or siding
- Narrow gauge railway
- Road or rail tunnel

SETTLEMENT

- Building
- Important building
- Glasshouse
- Overhead building line

VEGETATION

- Broad-leafed woodland
- Coniferous woodland
- Mixed woodland
- Orchard
- Shrub
- Unimproved grass
- Heathland
- Marsh
- Reeds

WATER FEATURES

- Water (surface or tidal)
- Water
- Mean high water
- Mean low water
- Direction of flow arrows
- Water point features (for example Wells, Springs)

HEIGHT

Surface heights are in metres above mean sea level

- 57m Height

LANDFORMS

- Ornament
- Inland rock
- Boulders
- Shingle
- Cliff
- Large slopes
- Standard slopes
- Mud
- Sand
- Gravel pit
- Sand pit
- Refuse tip or slag heap

POINT & LINE FEATURES

- General line detail
- Overhead detail
- Telephone line
- Electricity transmission line
- Pylon
- Triangulation station
- Point features (for example Shafts, Posts)
- Site of antiquity

COMMON ABBREVIATIONS

CG	Cattle grid
Chy	Chimney
Coll	College
Ct	Court
El Sub Sta	Electricity sub station
FB	Footbridge
Fl Sk	Flare stack
Fn	Fountain
FS	Flagstaff
GP	Guide post
LC	Level crossing
Liby	Library
Meml	Memorial
MHW(s)	Mean high water (springs)
MLW(s)	Mean low water (springs)
Mon	Monument
MP, MS	Mile post or stone
NTL	Normal tidal water
P, Ps	Post(s) or pole(s)
PH	Public House
PO	Post office
Pol Sta	Police Station
PW	Place of worship
Sch	School
Spr	Spring
Sta	Station
Tk	Tank or track
W	Well

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	SLIP	Landslide Deposit	Sandstone and Mudstone	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand, Silt and Clay	Not Supplied - Quaternary
	HEAD	Head	Clay And Gravel	Not Supplied - Quaternary
	CWF	Clay-with-flints Formation	Clay, Silt, Sand and Gravel	Not Supplied - MIOCENE

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Sand	Not Supplied - Ypresian
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	BOSA	Bognor Sand Member	Sand	Not Supplied - Eocene
	LMBE	Lambeth Group	Clay, Silt and Sand	Not Supplied - Thanetian
	TACH	Tarrant Chalk Member	Chalk	Not Supplied - Campanian
	NCK	Newhaven Chalk Formation	Chalk	Not Supplied - Santonian

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Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**316**
Map Name:	**Fareham**
Map Date:	**1998**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice C



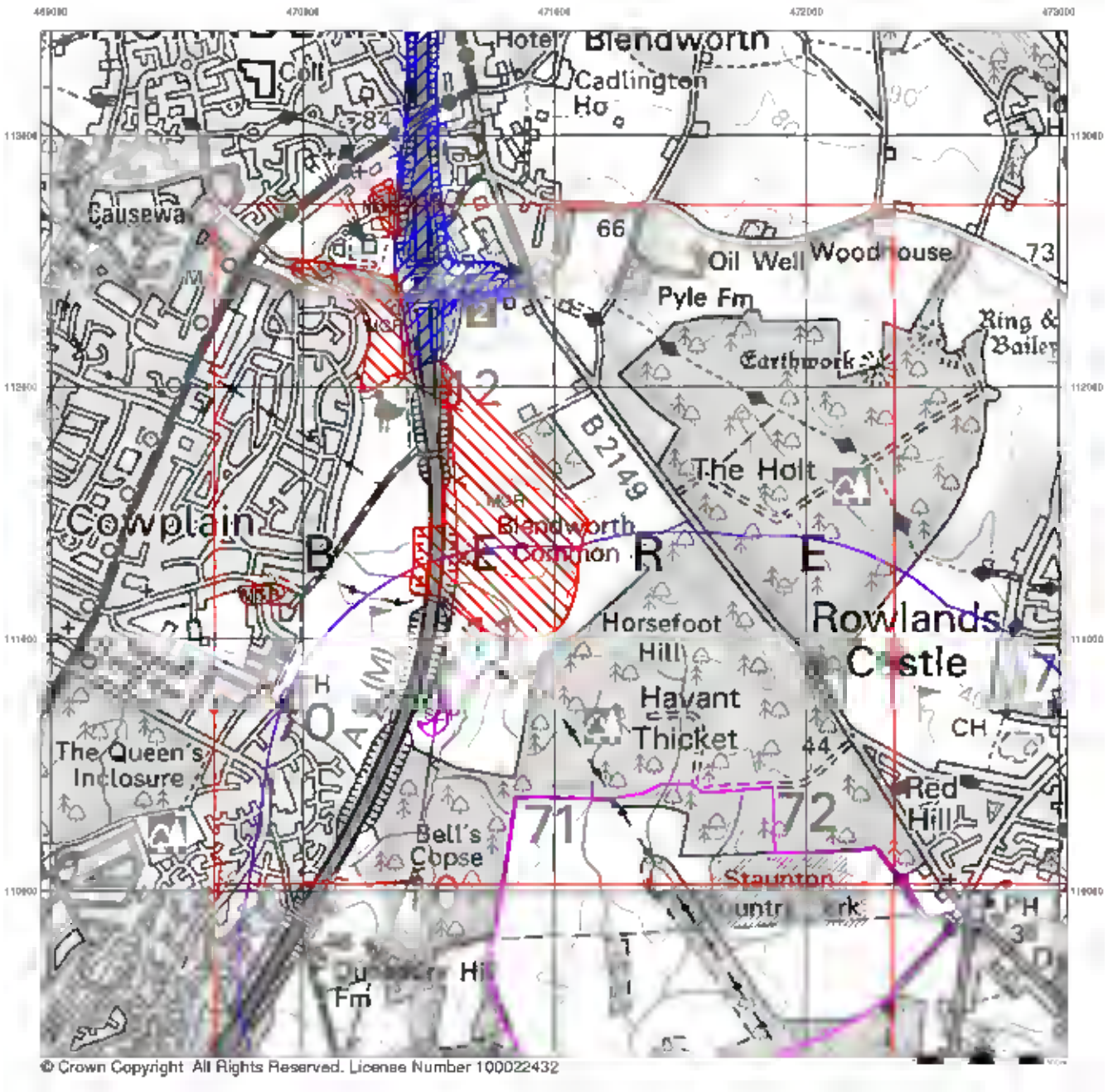
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Order Details:

Order Number:	202069335_1_1
Customer Reference:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details:

Site at 472000, 110000



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Artificial Ground and Landslip

Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice C

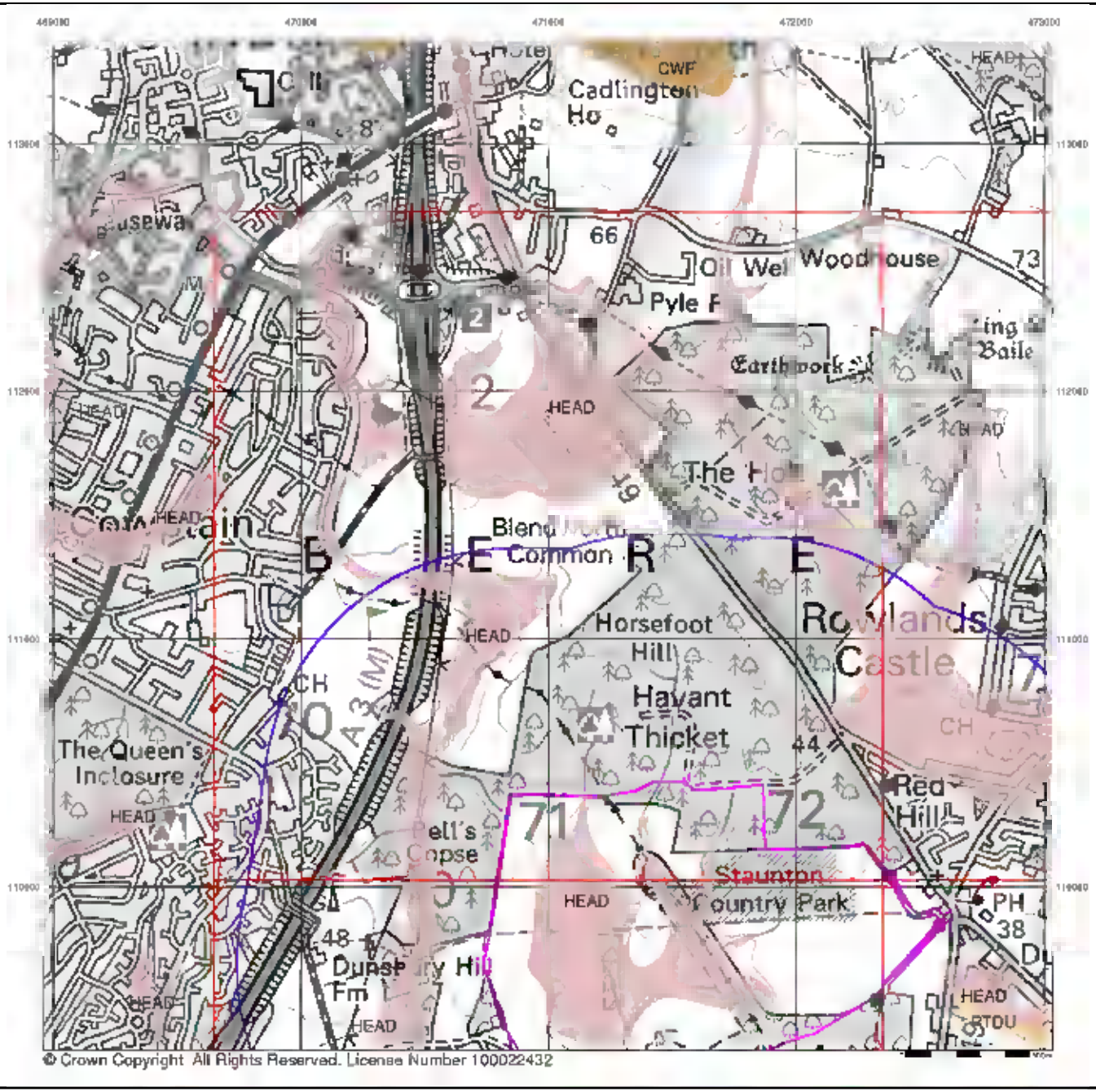


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Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice C



Order Details:

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Slice:	C
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Search Buffer (m):	1000

Site Details:

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Bedrock and Faults

Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice C



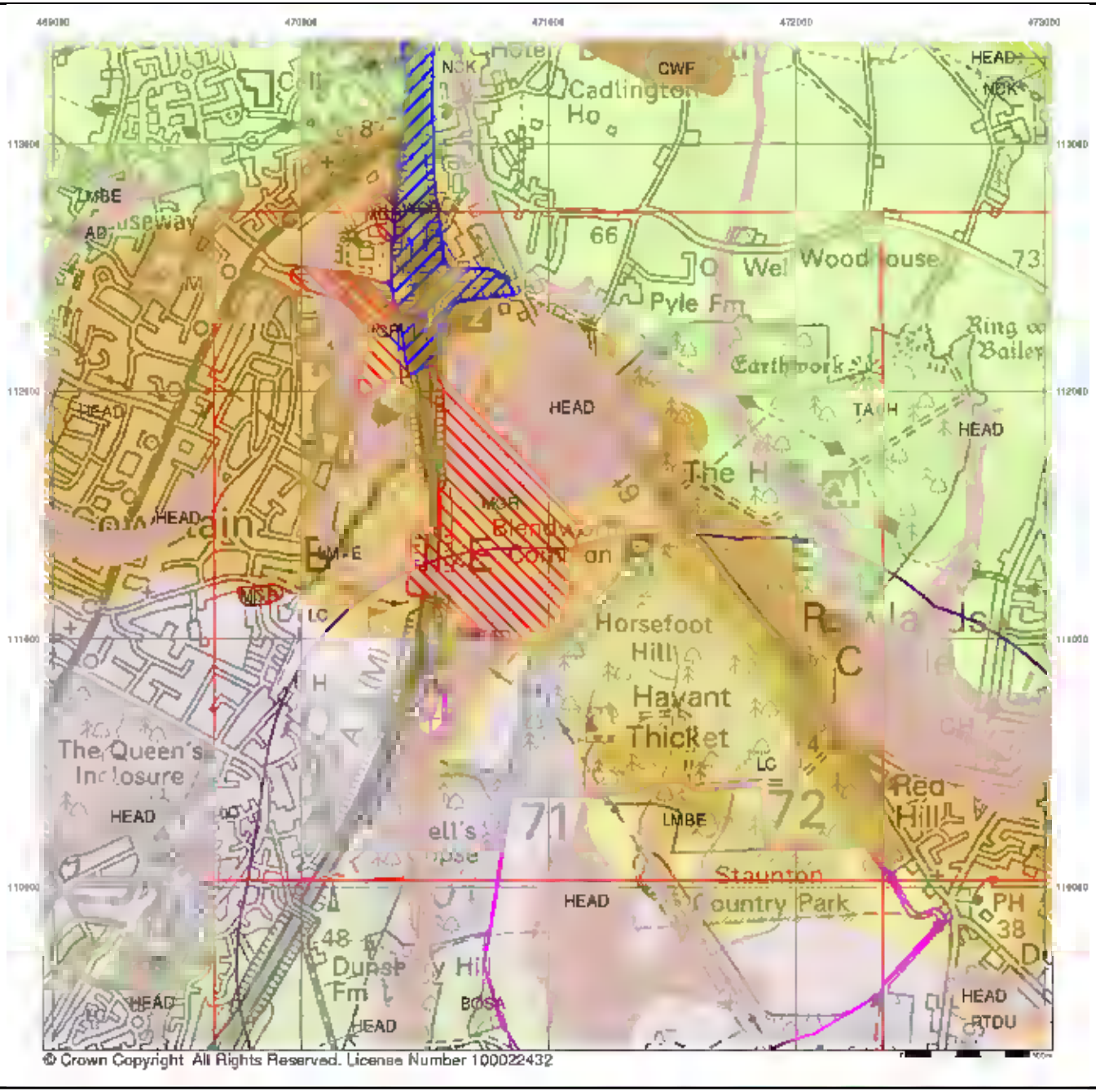
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice C



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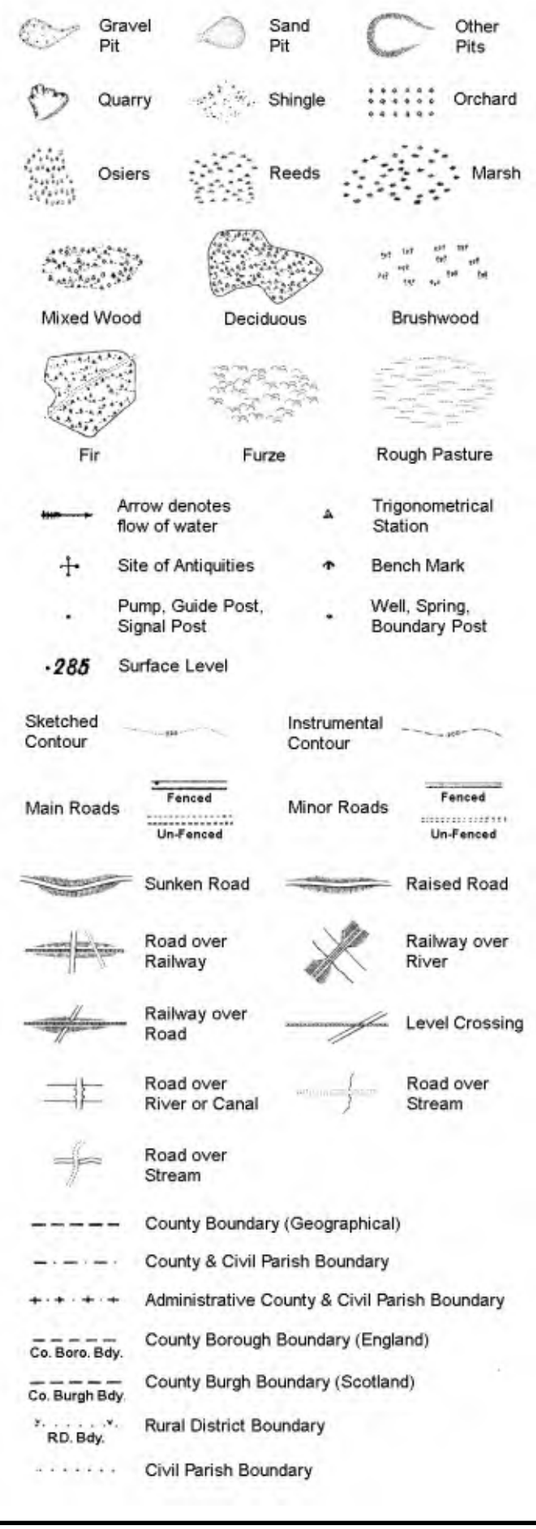
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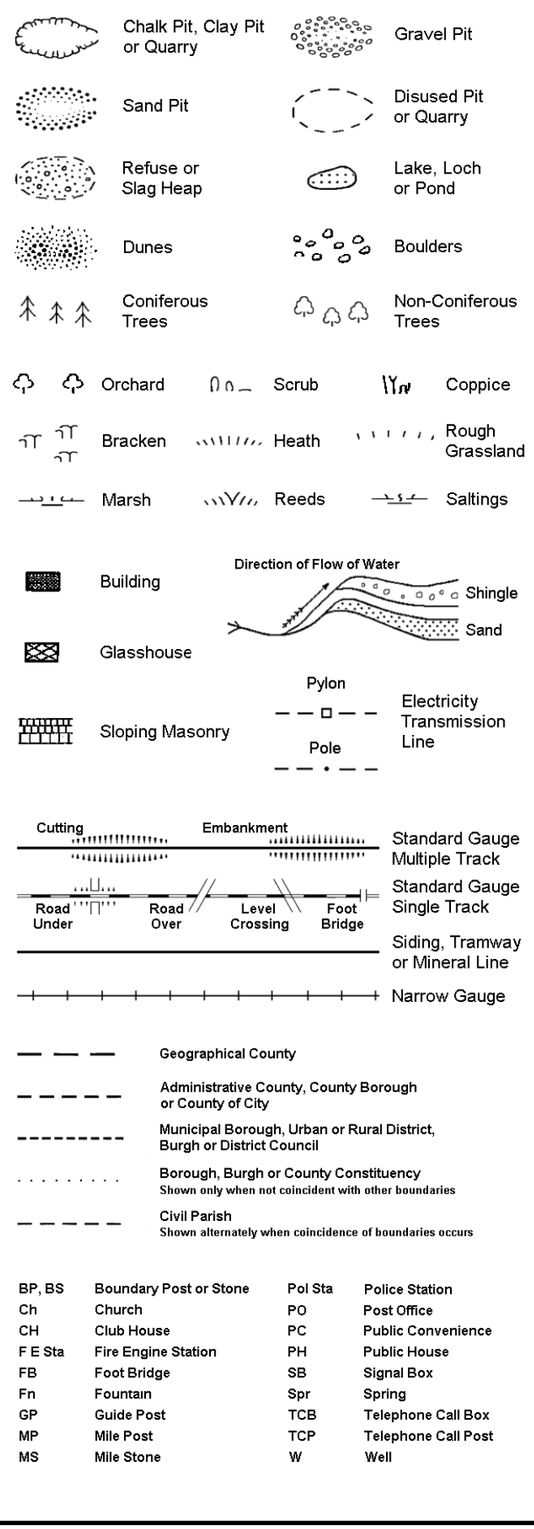
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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

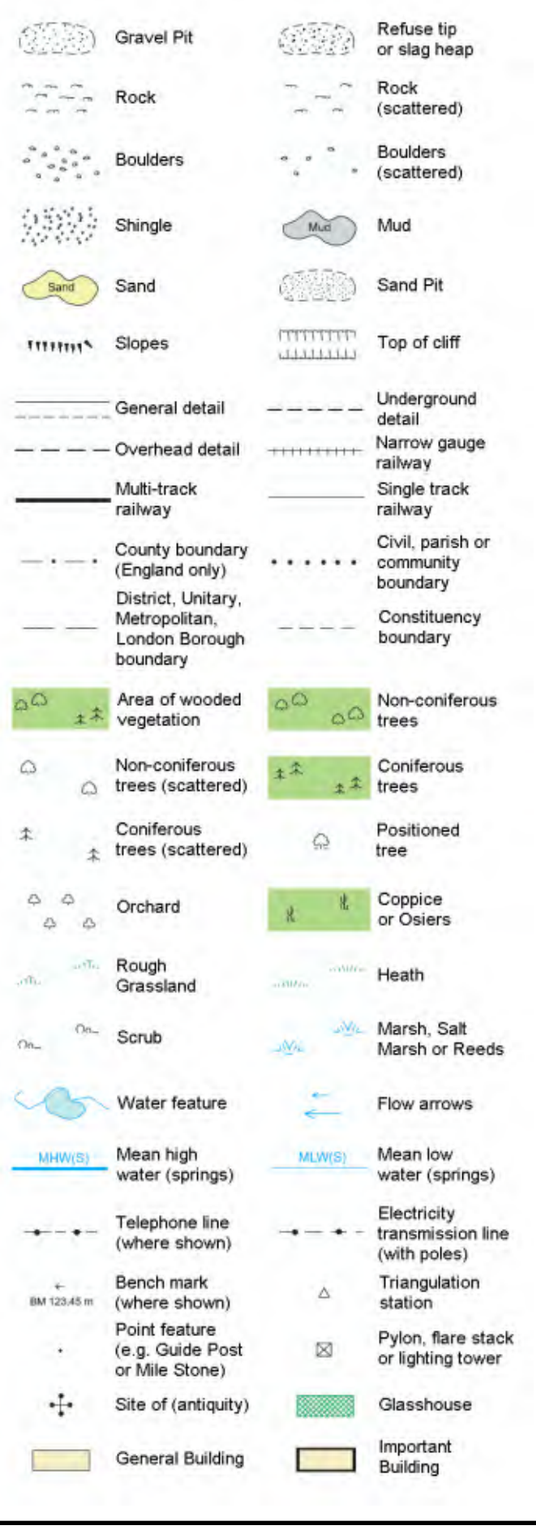


Ordnance Survey Plan 1:10,000



BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

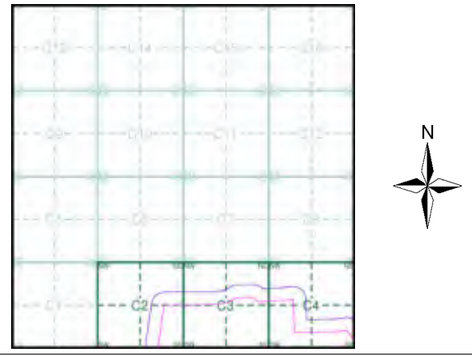


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1870	3
Sussex	1:10,560	1880	4
Hampshire & Isle Of Wight	1:10,560	1897 - 1898	5
Sussex	1:10,560	1899	6
Hampshire & Isle Of Wight	1:10,560	1909 - 1910	7
Sussex	1:10,560	1914	8
Sussex	1:10,560	1914	9
Sussex	1:10,560	1914	10
Hampshire & Isle Of Wight	1:10,560	1931 - 1933	11
Hampshire & Isle Of Wight	1:10,560	1931	12
Hampshire & Isle Of Wight	1:10,560	1942	13
Historical Aerial Photography	1:10,560	1947	14
Ordnance Survey Plan	1:10,000	1962	15
Ordnance Survey Plan	1:10,000	1980 - 1982	16
Havant	1:25,000	1983	17
Ordnance Survey Plan	1:10,000	1992	18
10K Raster Mapping	1:10,000	2000	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2019	21

Historical Map - Slice C



Order Details

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Slice: C
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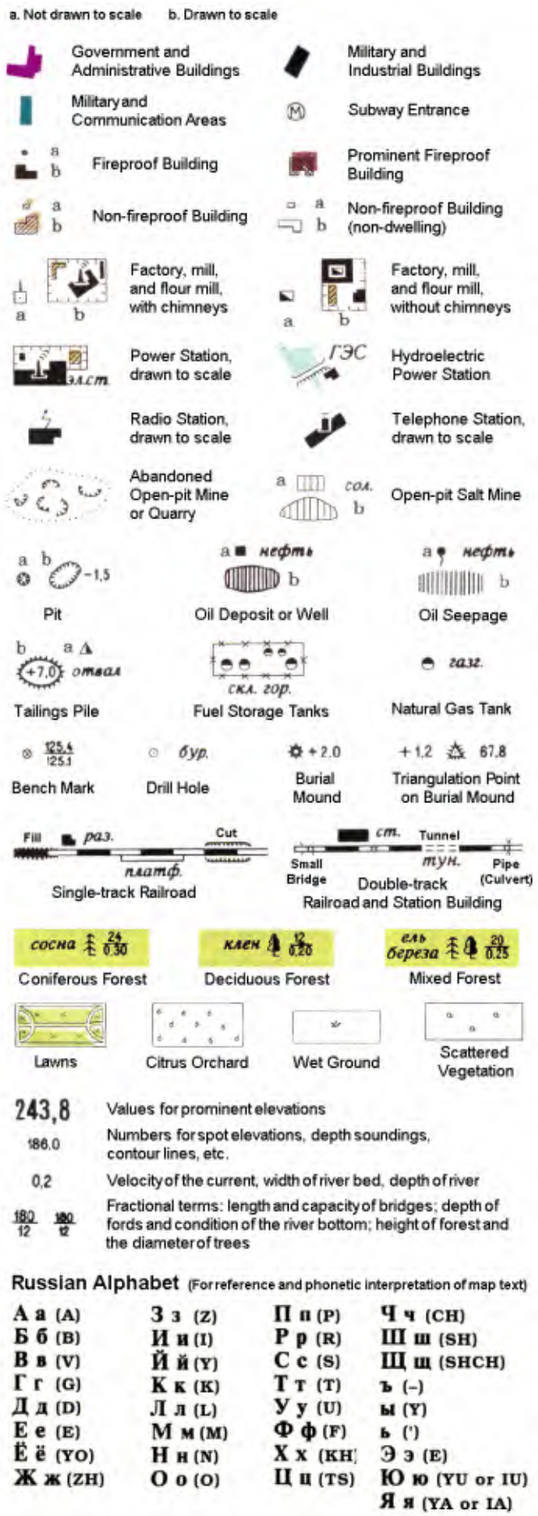
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Russian Military Mapping Legends

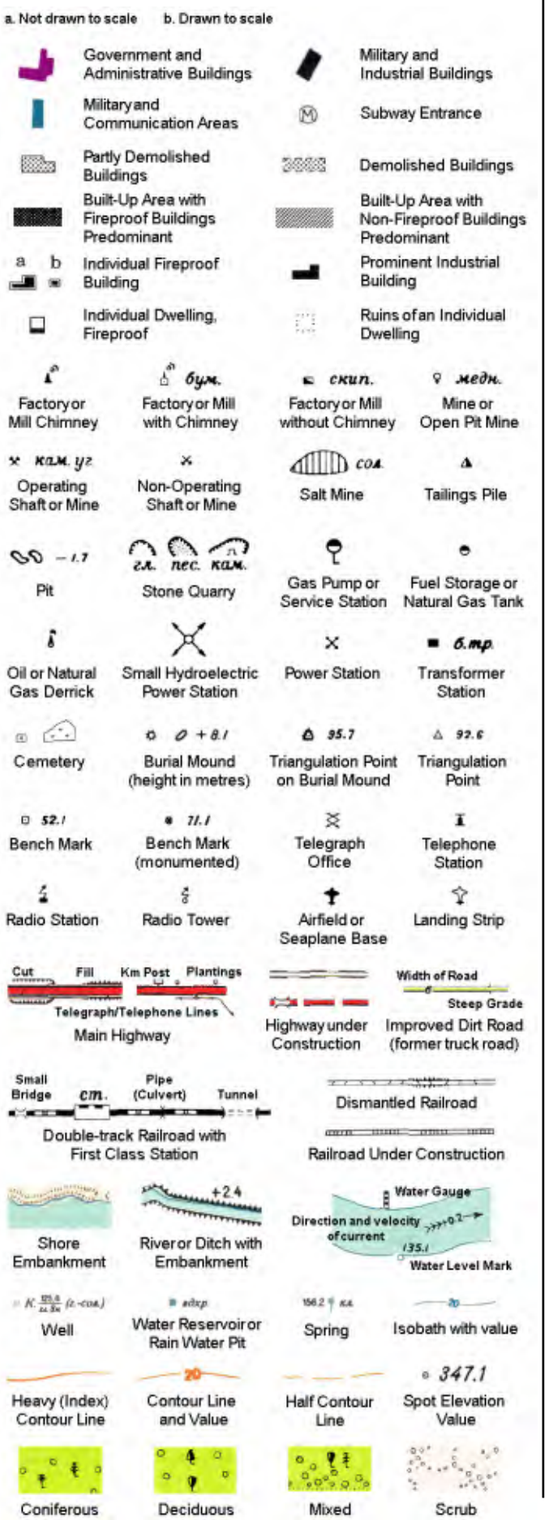
1:5,000 and 1:10,000 mapping



Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	ъ (–)
Д д (D)	Л л (L)	У у (U)	ы (Y)
Е е (E)	М м (M)	Ф ф (F)	ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping



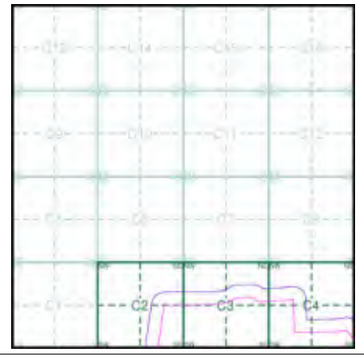
Key to Numbers on Mapping

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1870	3
Sussex	1:10,560	1880	4
Hampshire & Isle Of Wight	1:10,560	1897 - 1898	5
Sussex	1:10,560	1899	6
Hampshire & Isle Of Wight	1:10,560	1909 - 1910	7
Sussex	1:10,560	1914	8
Sussex	1:10,560	1914	9
Sussex	1:10,560	1914	10
Hampshire & Isle Of Wight	1:10,560	1931 - 1933	11
Hampshire & Isle Of Wight	1:10,560	1931	12
Hampshire & Isle Of Wight	1:10,560	1942	13
Historical Aerial Photography	1:10,560	1947	14
Ordnance Survey Plan	1:10,000	1962	15
Ordnance Survey Plan	1:10,000	1980 - 1982	16
Havant	1:25,000	1983	17
Ordnance Survey Plan	1:10,000	1992	18
10K Raster Mapping	1:10,000	2000	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2019	21

Russian Map - Slice C



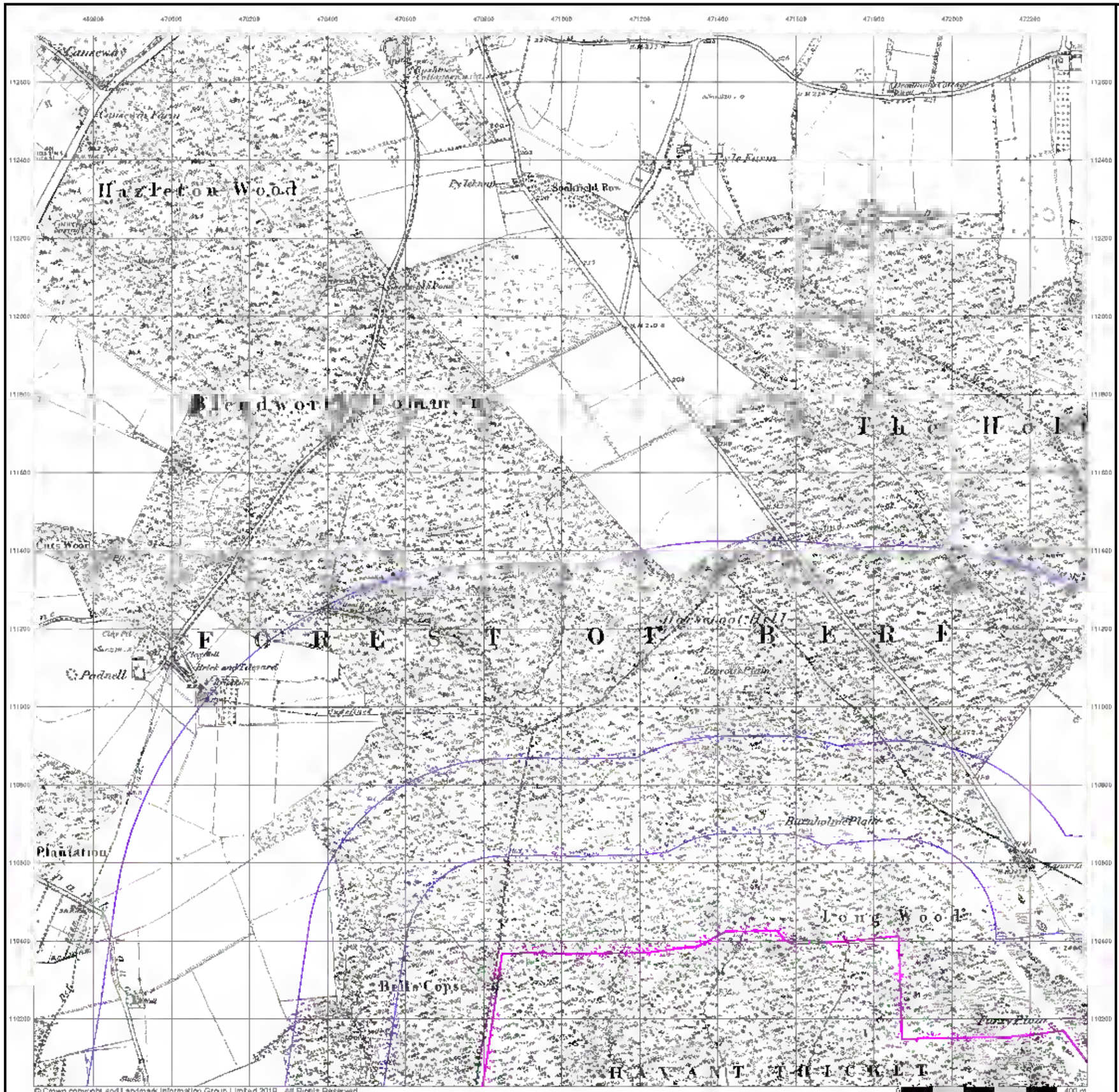
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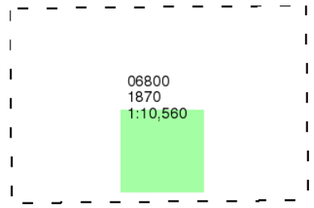
Hampshire & Isle Of Wight

Published 1870

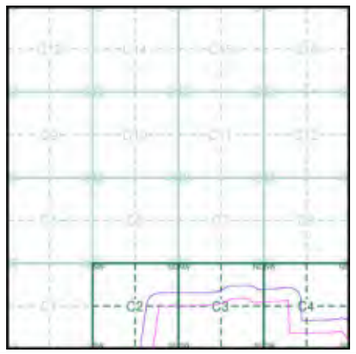
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice C



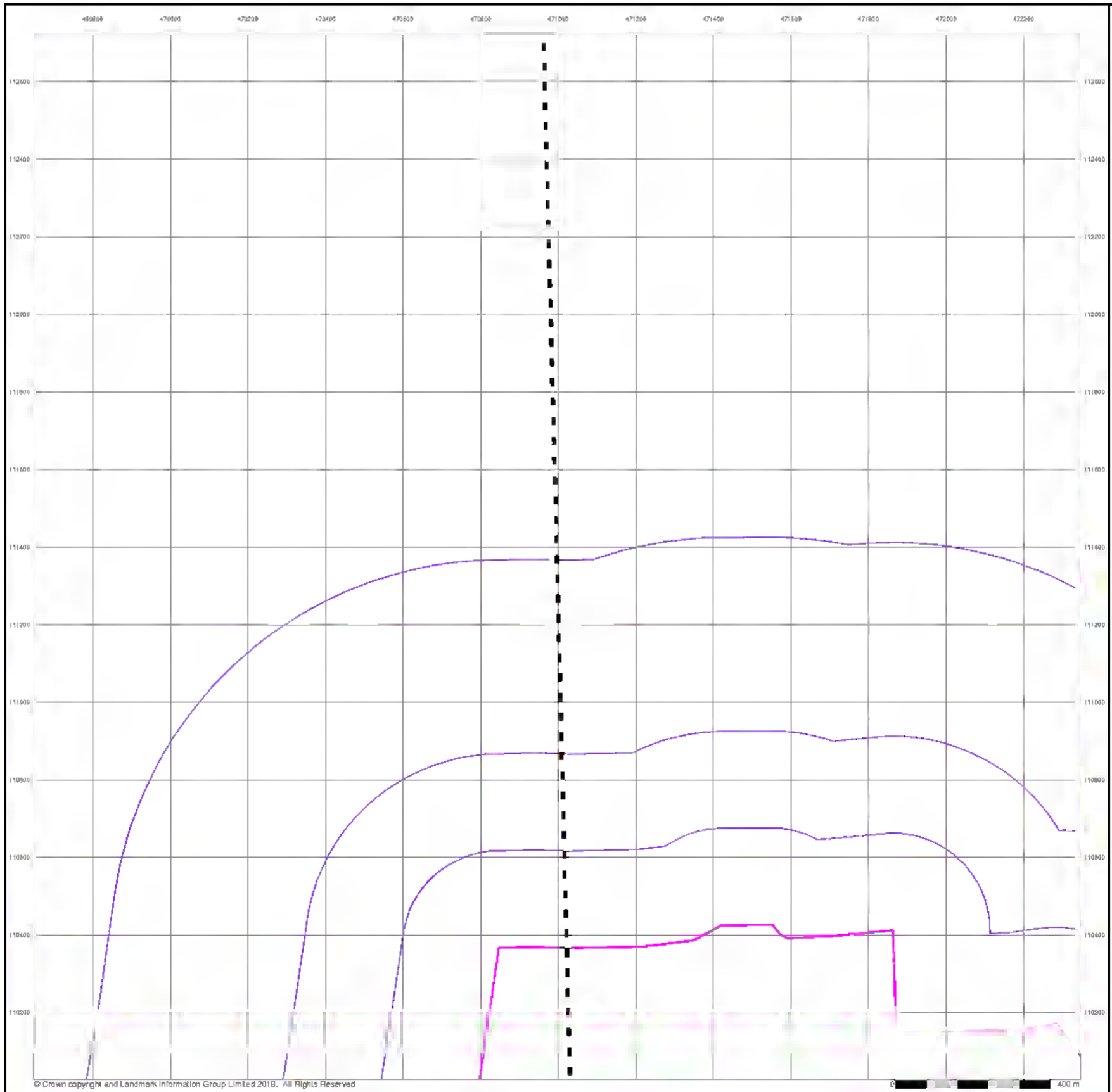
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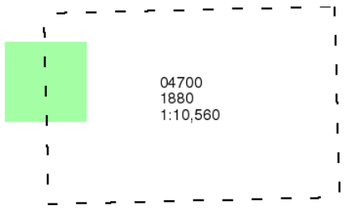
Sussex

Published 1880

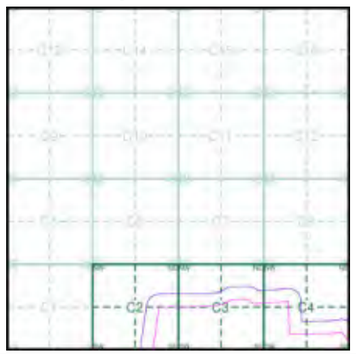
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Map Name(s) and Date(s)



Historical Map - Slice C



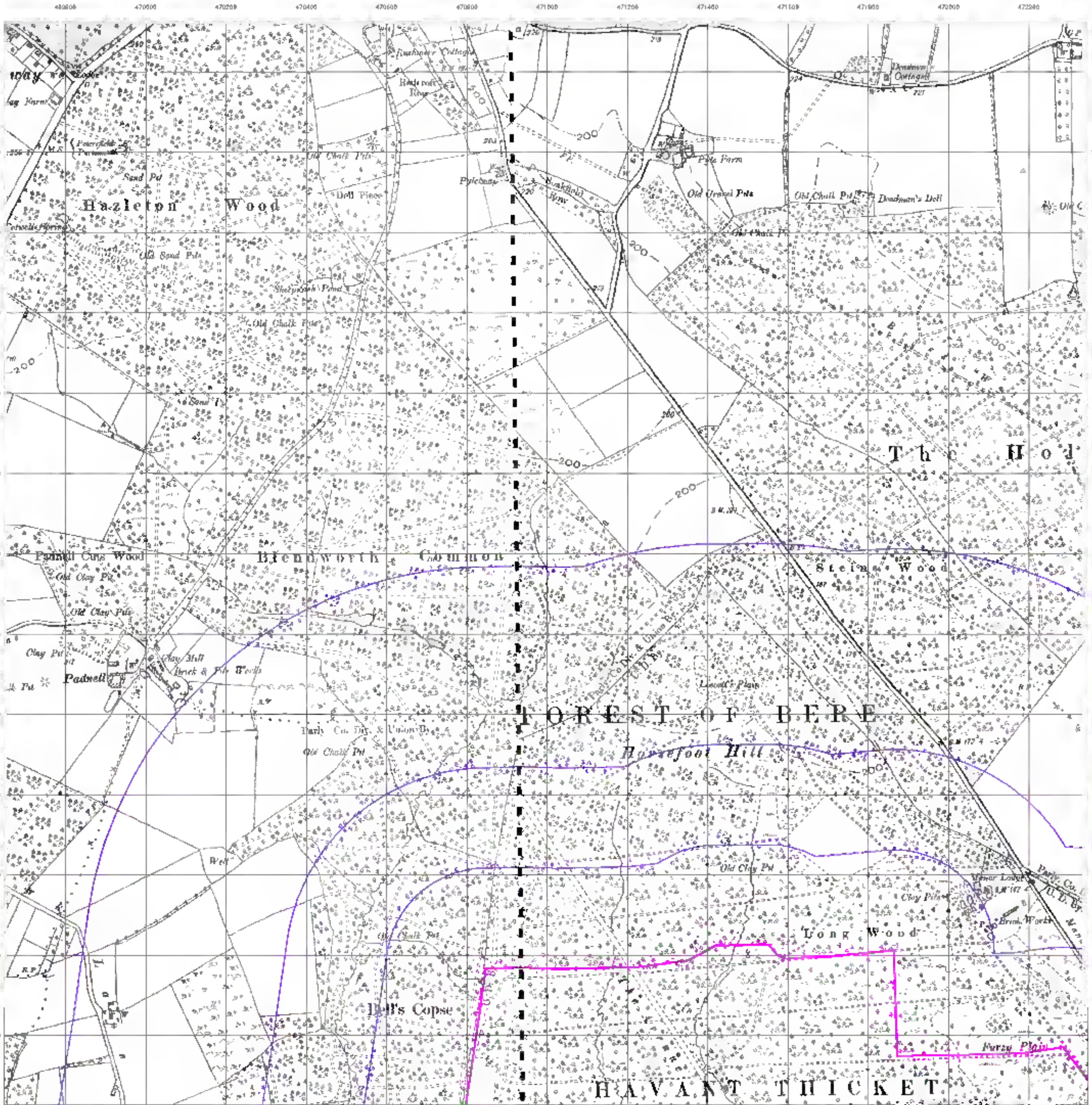
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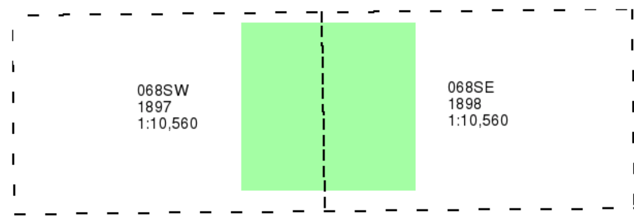
Hampshire & Isle Of Wight

Published 1897 - 1898

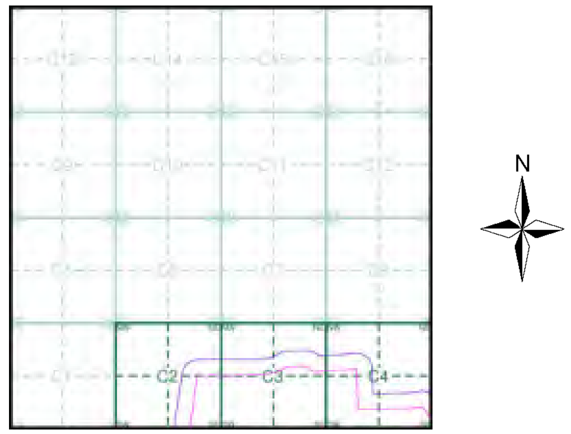
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

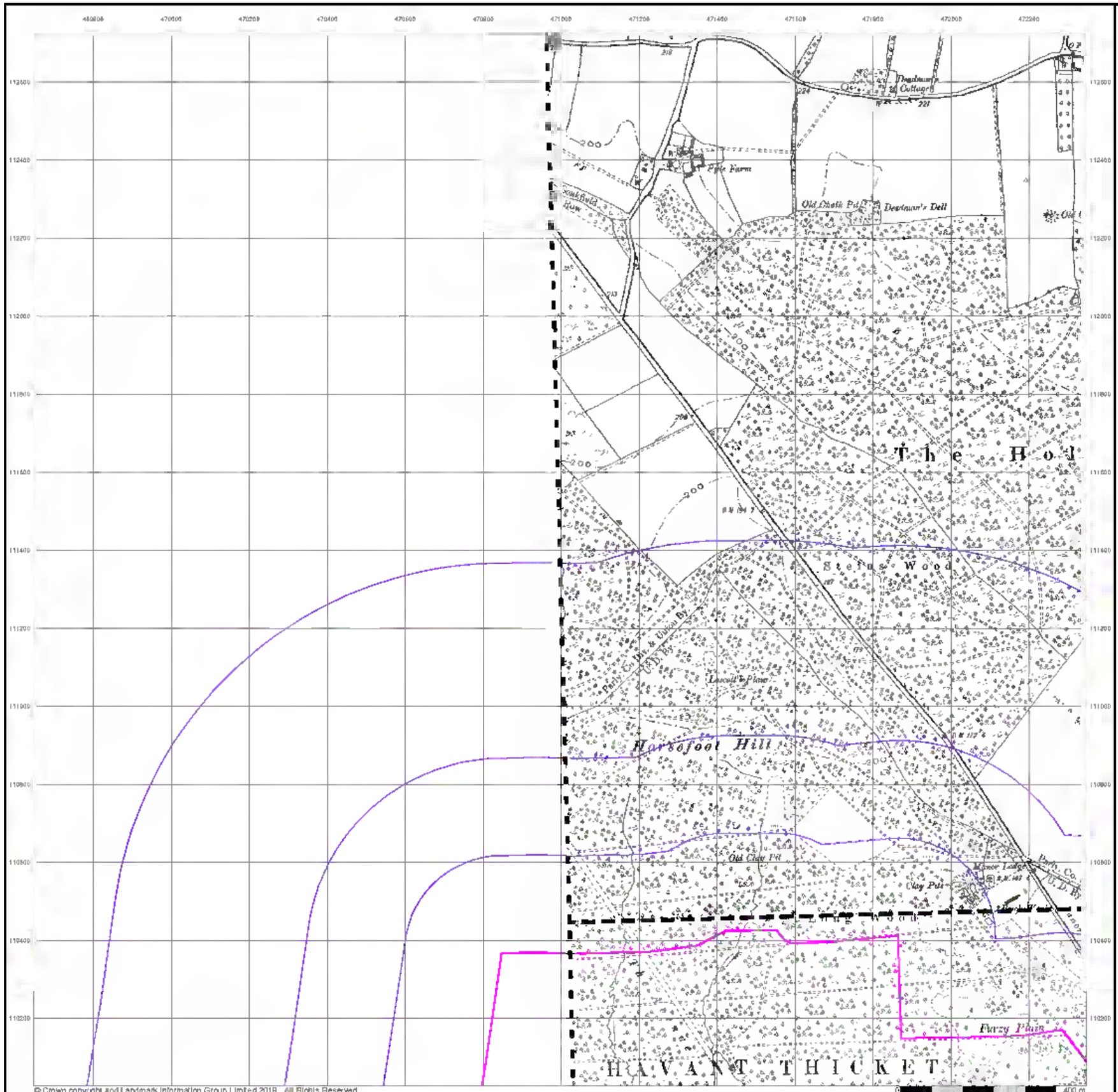
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Customer Ref: 5169117
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Site Area (Ha): 172.43
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Site Details

Site at 472000, 110000

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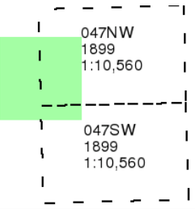
Sussex

Published 1899

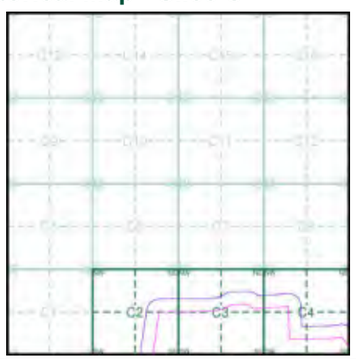
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice C



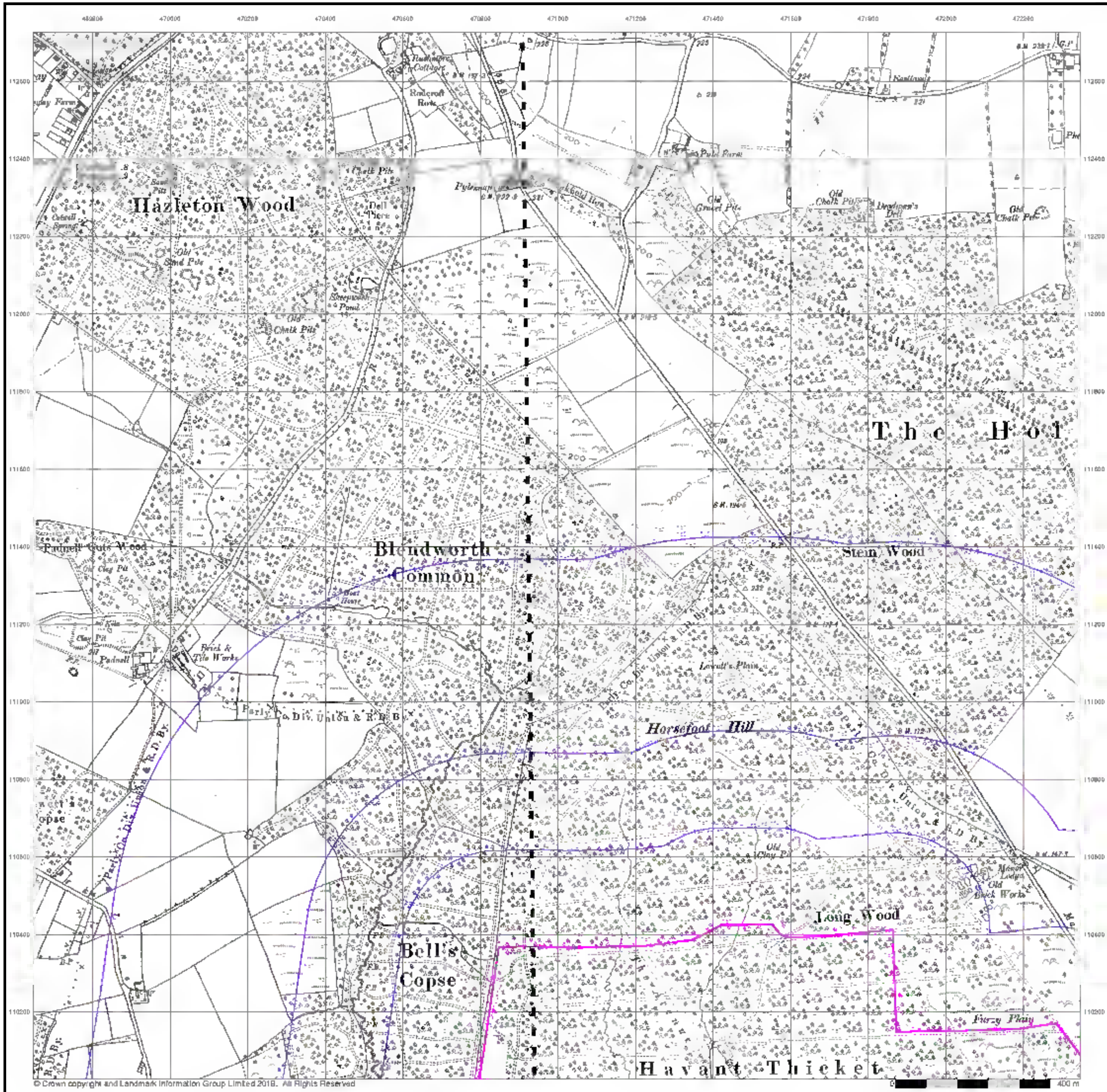
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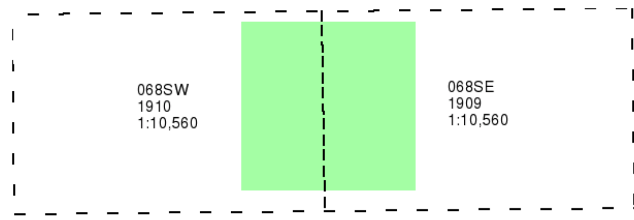
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Published 1909 - 1910

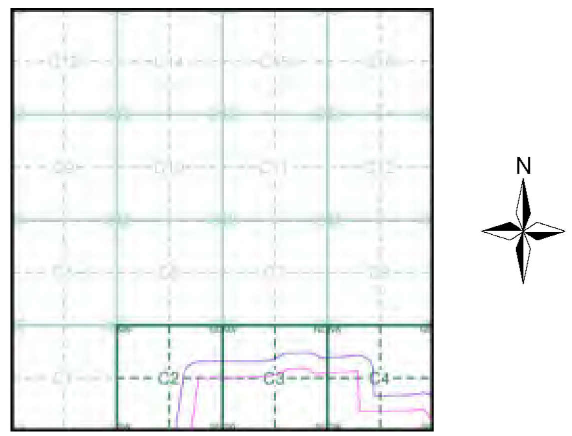
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice C



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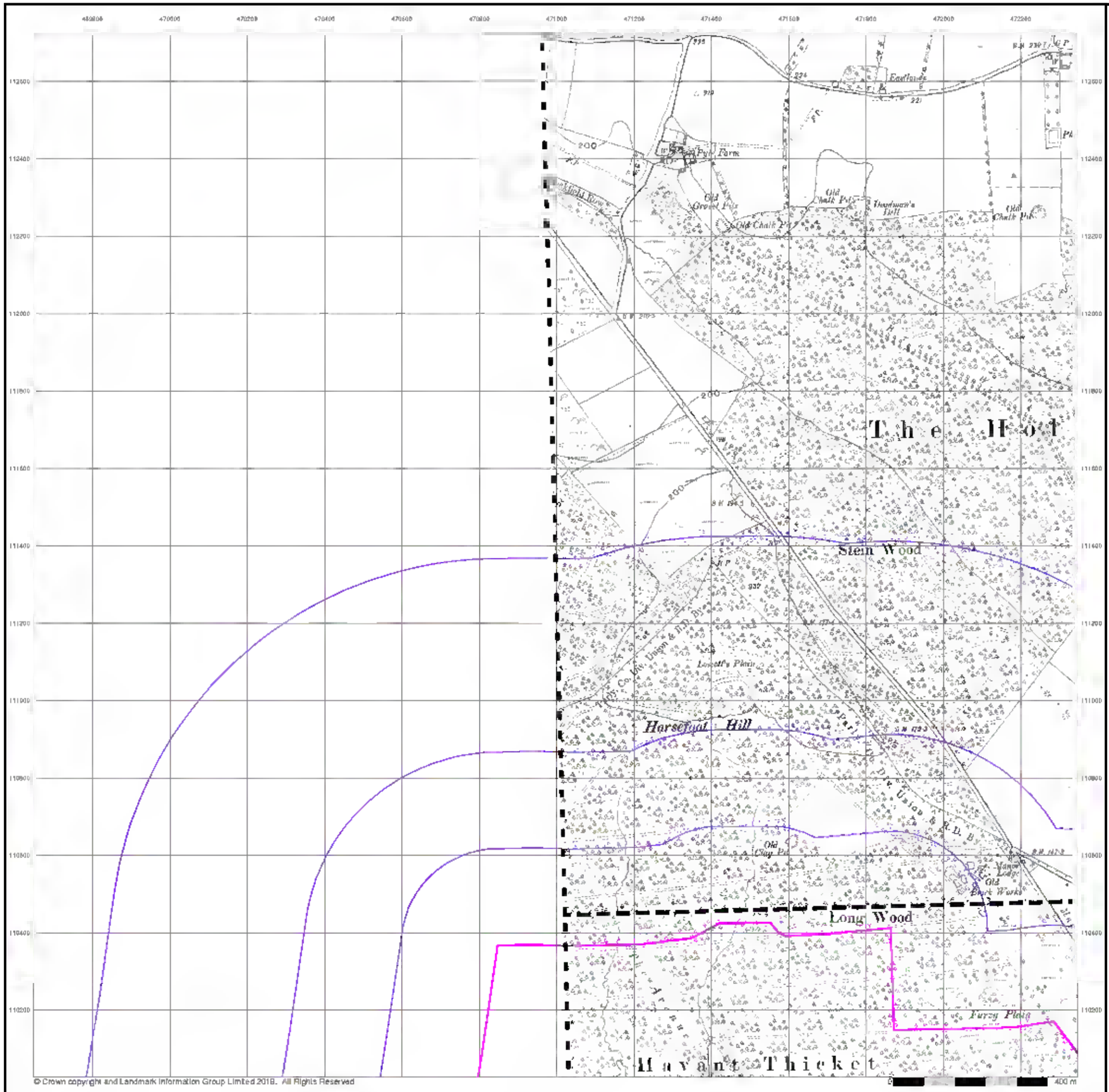
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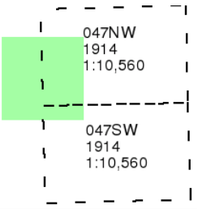
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Published 1914

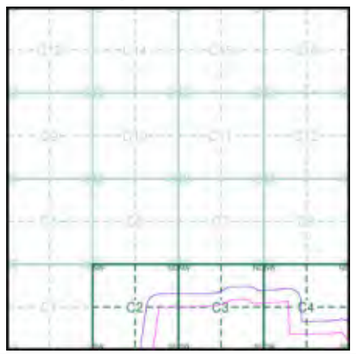
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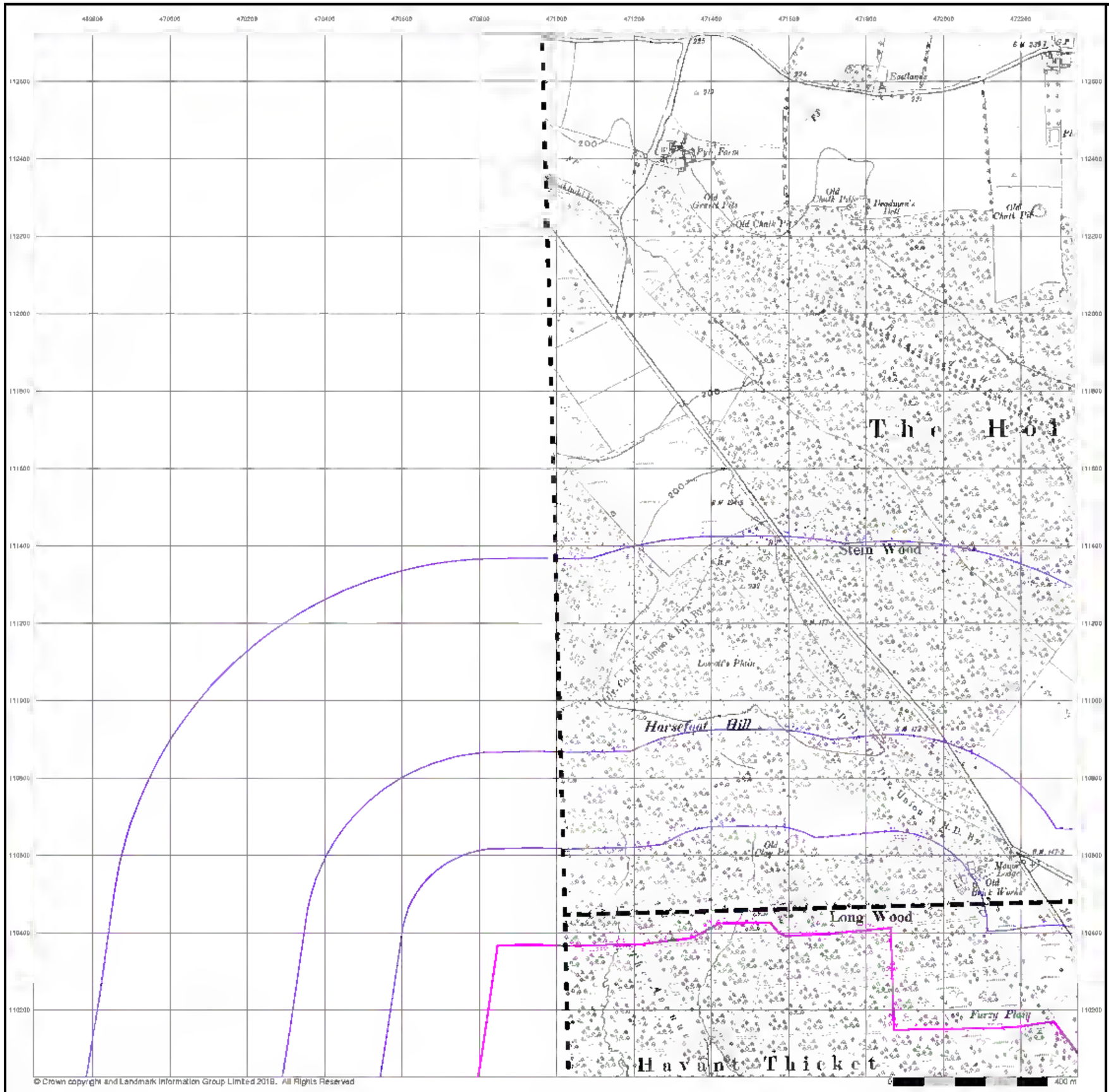
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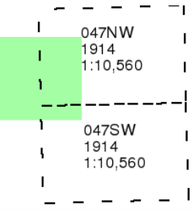
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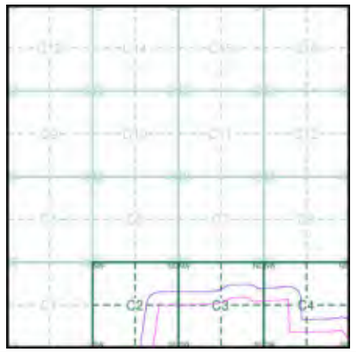
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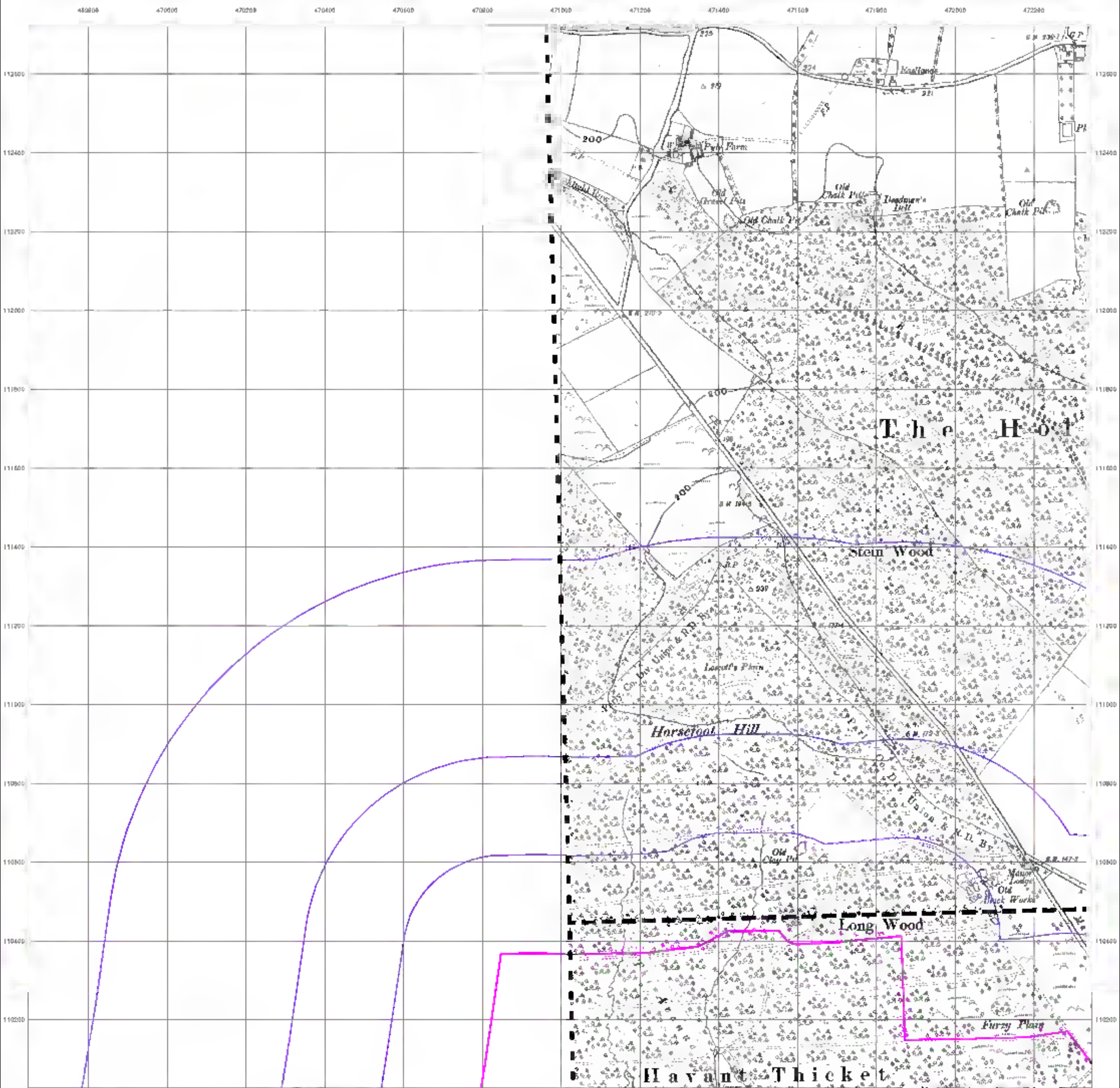
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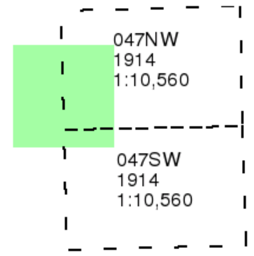
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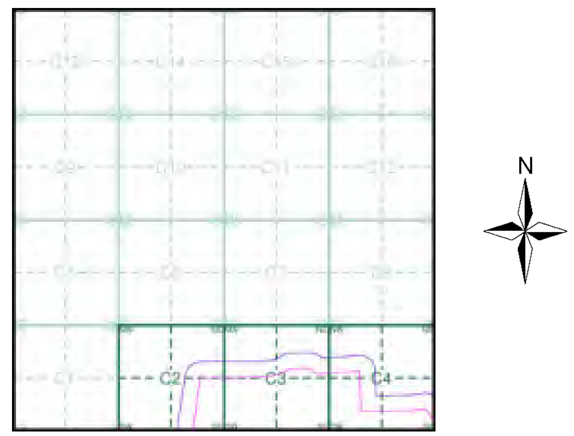
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Map Name(s) and Date(s)



Historical Map - Slice C



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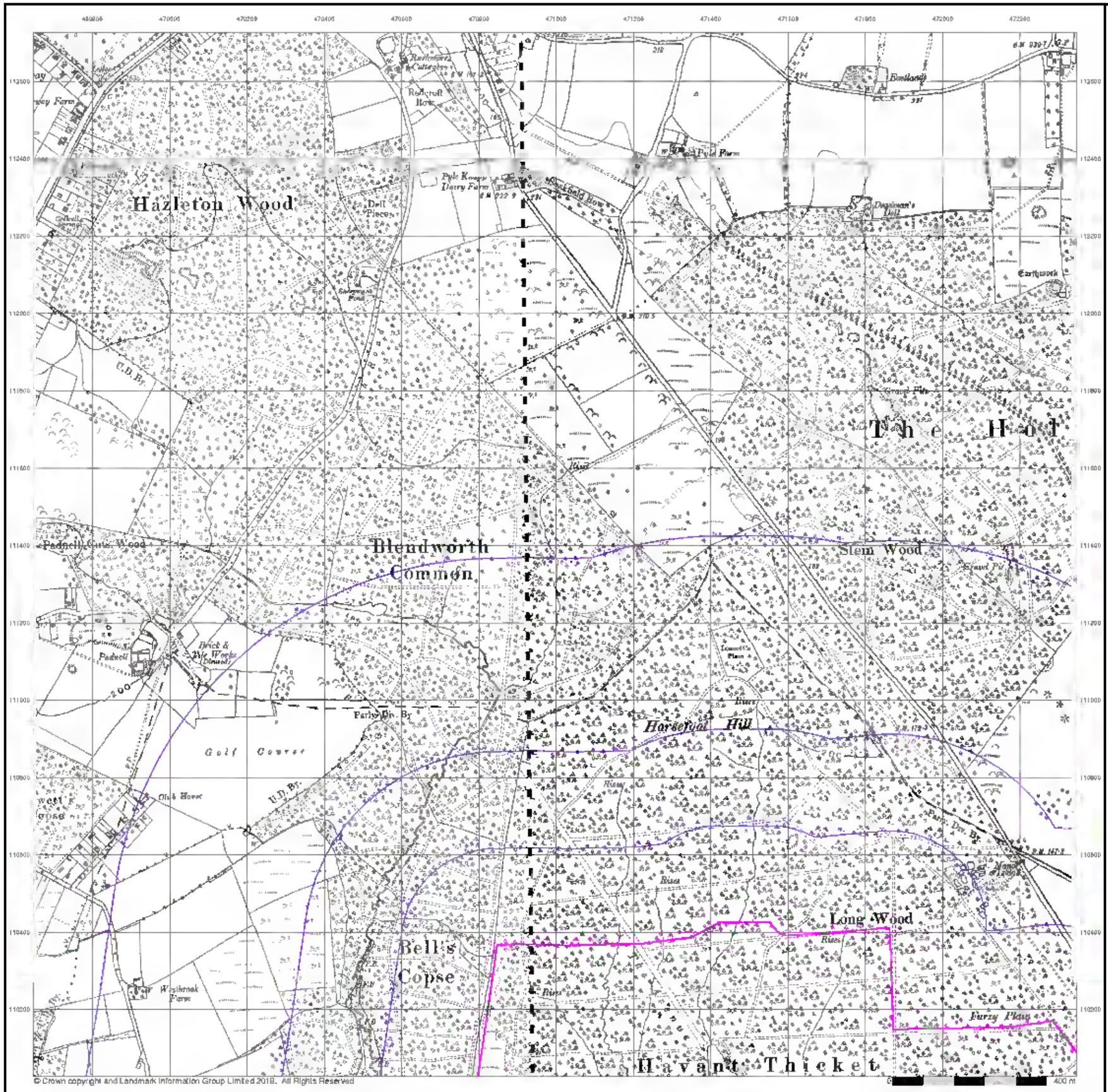
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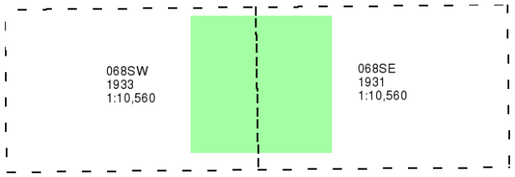
Hampshire & Isle Of Wight

Published 1931 - 1933

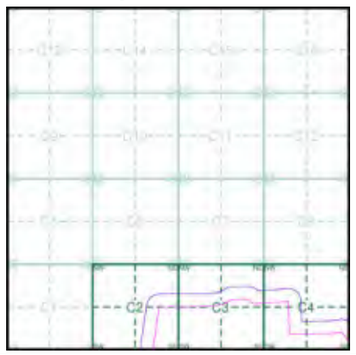
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Map Name(s) and Date(s)



Historical Map - Slice C



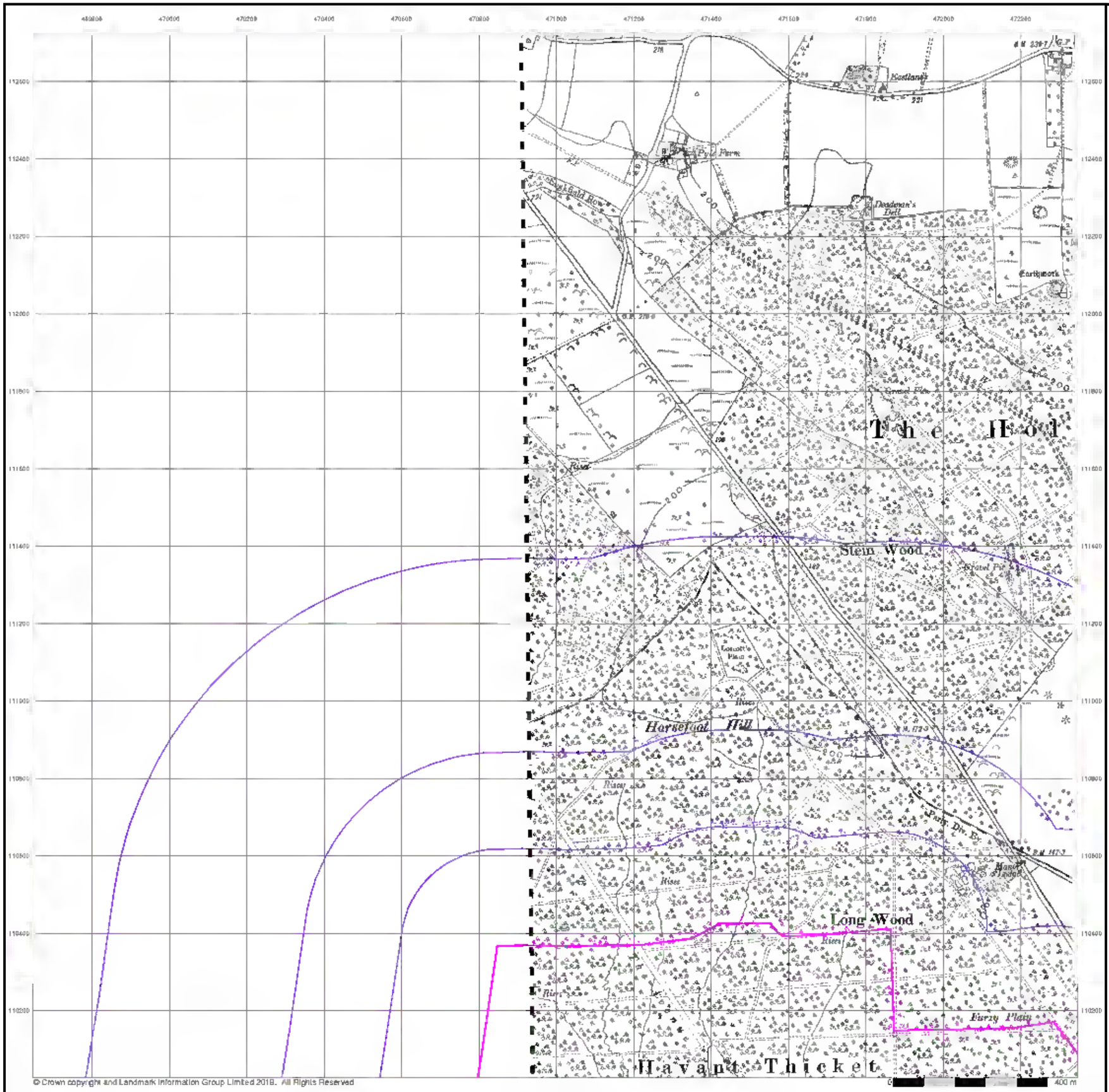
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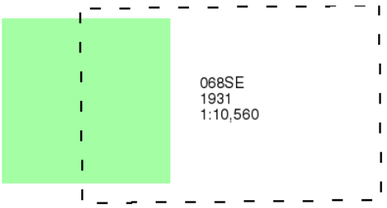
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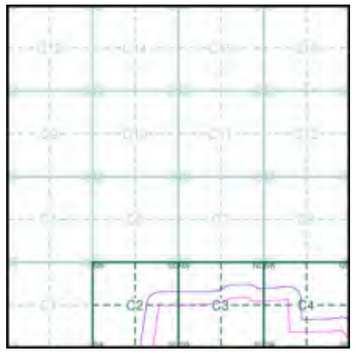
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Map Name(s) and Date(s)



Historical Map - Slice C



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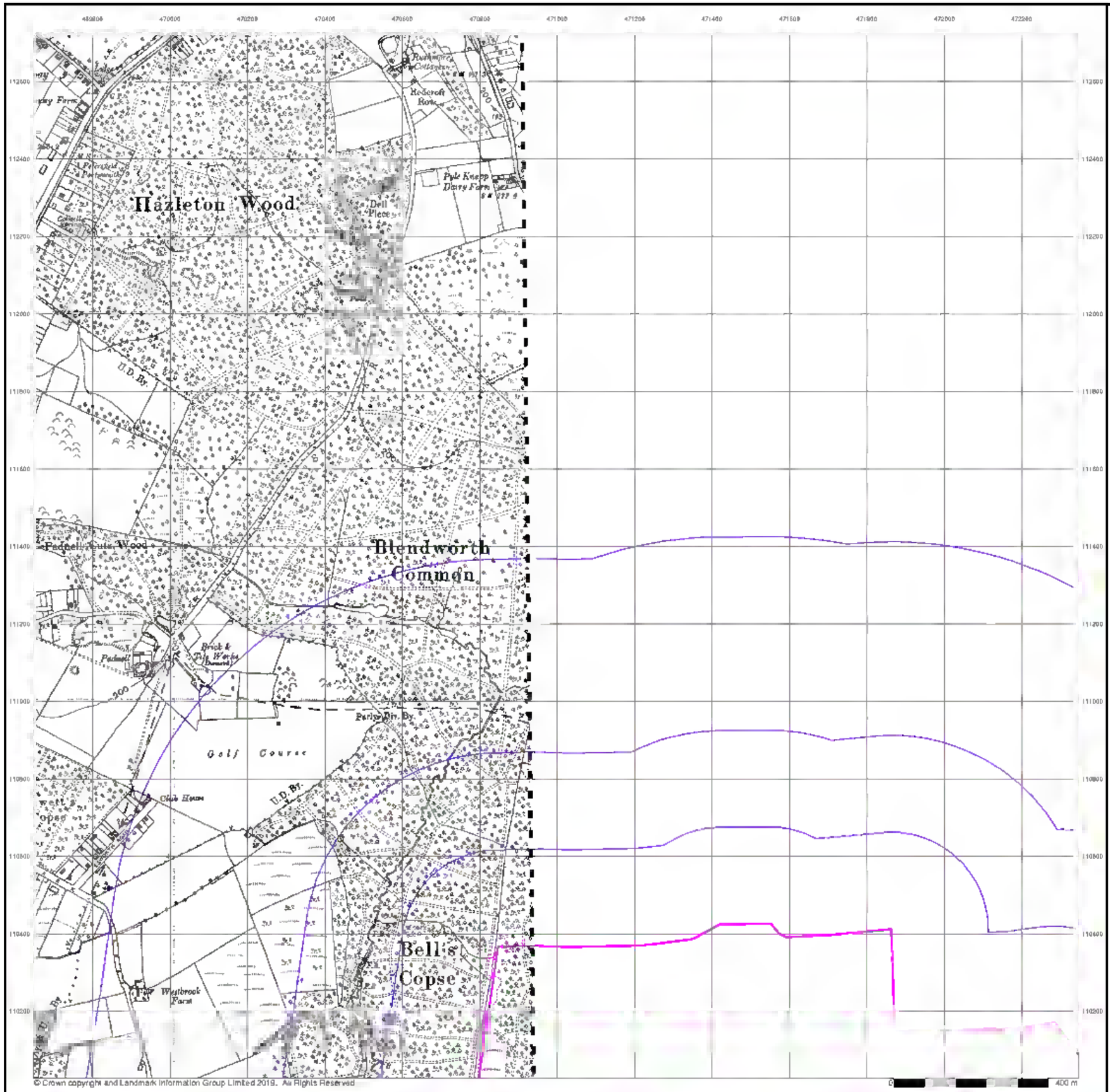
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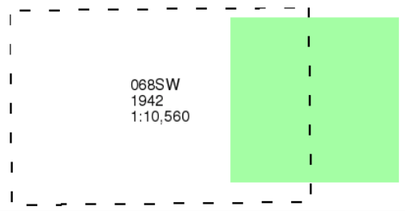
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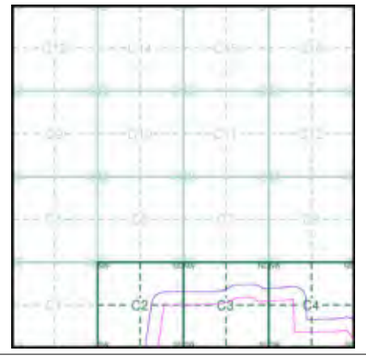
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Map Name(s) and Date(s)



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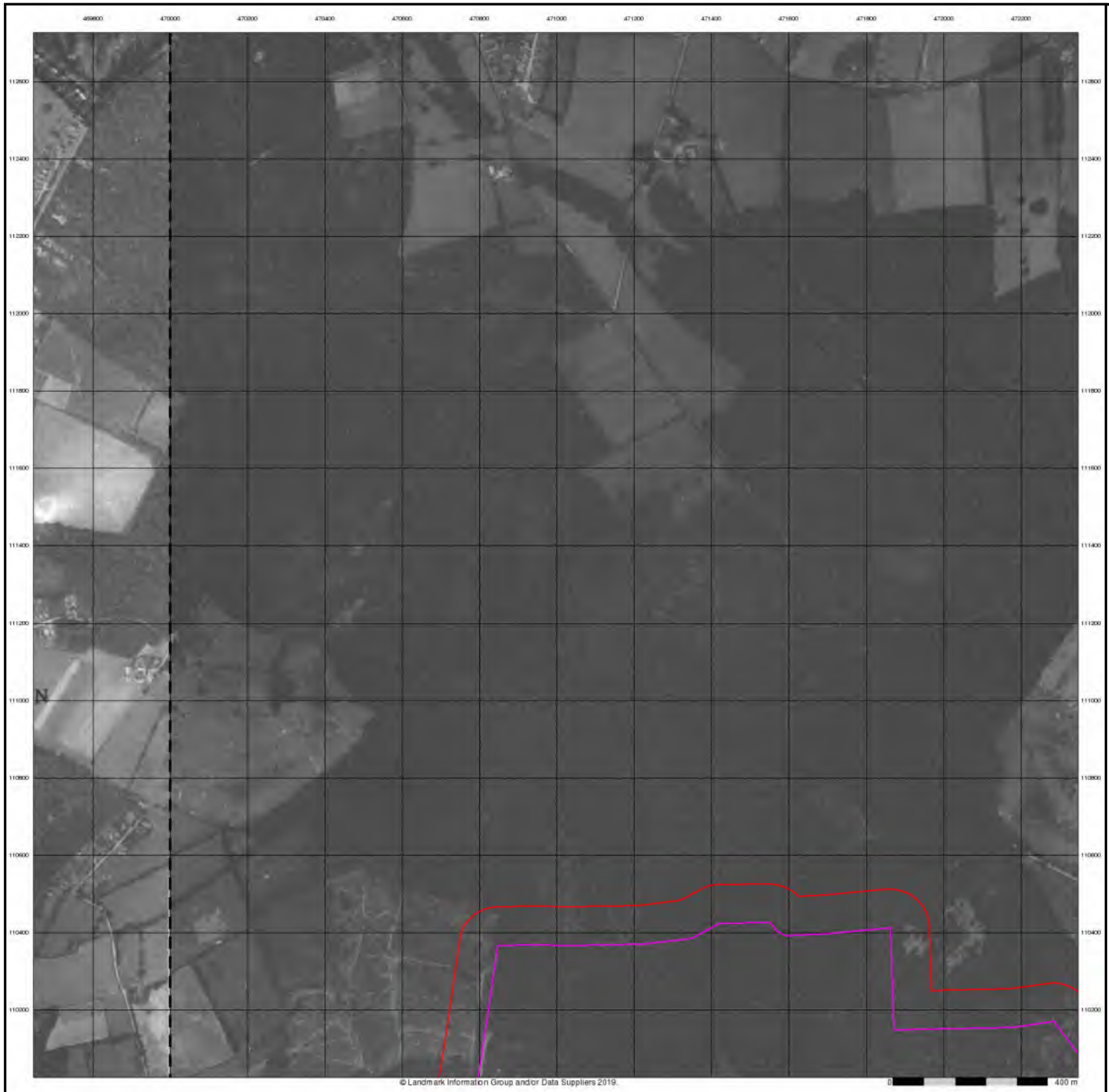
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Historical Aerial Photography

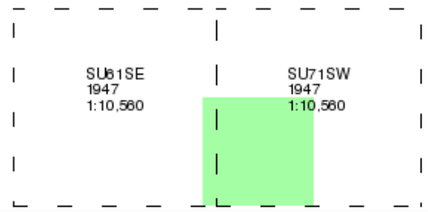
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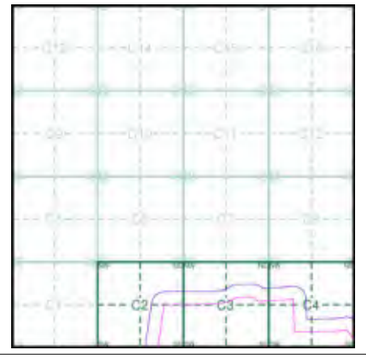
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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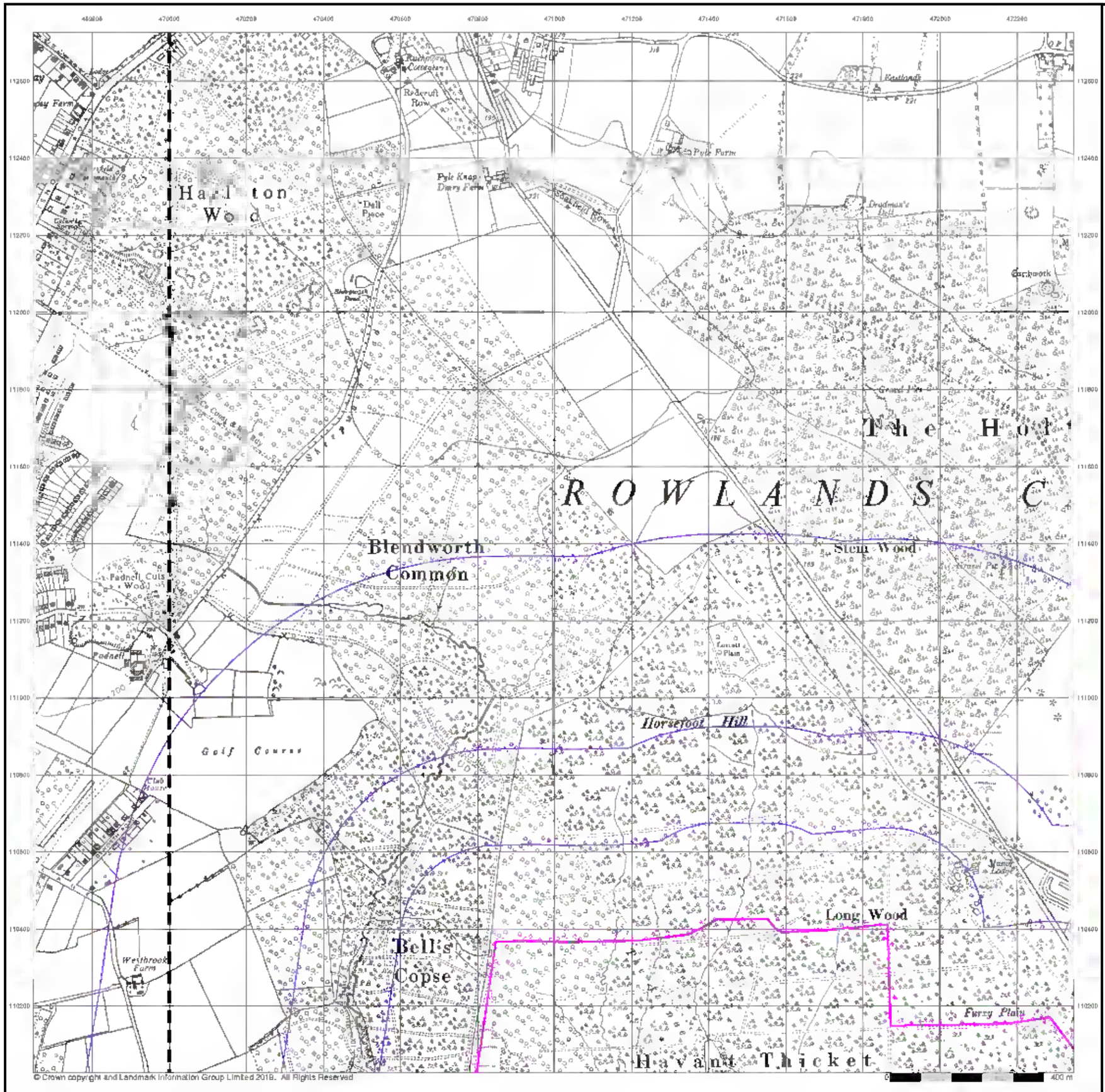
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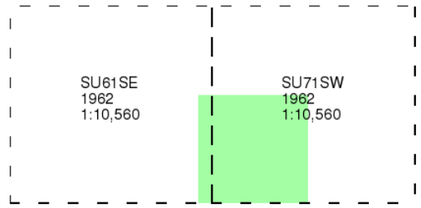
Ordnance Survey Plan

Published 1962

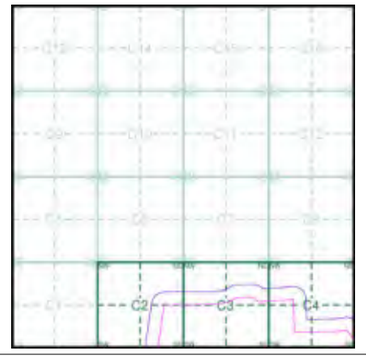
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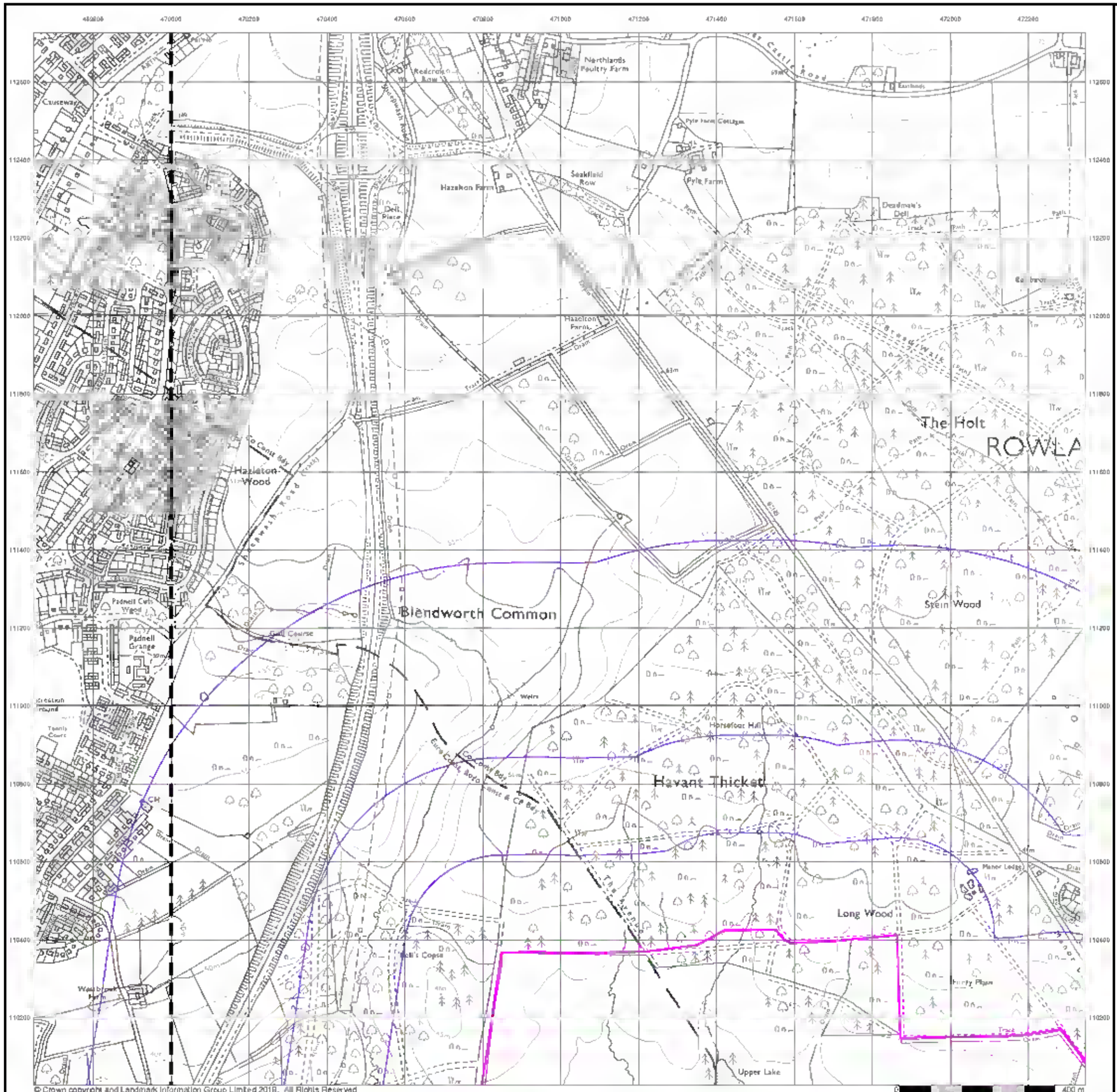
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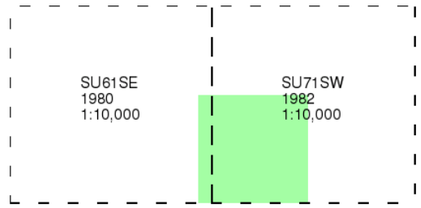
Ordnance Survey Plan

Published 1980 - 1982

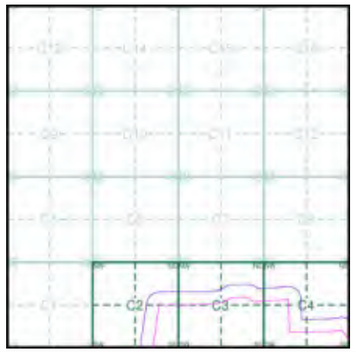
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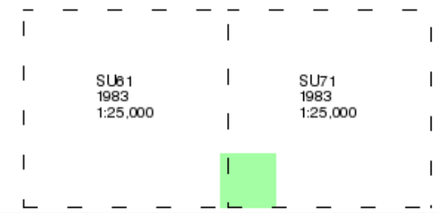
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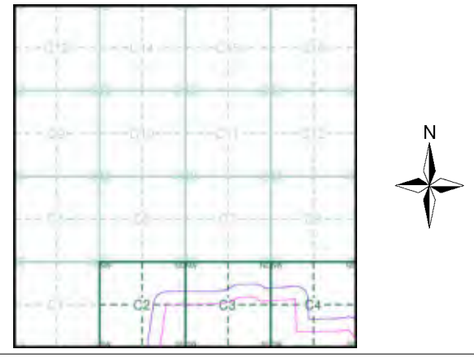
Source map scale - 1:25,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.
They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice C



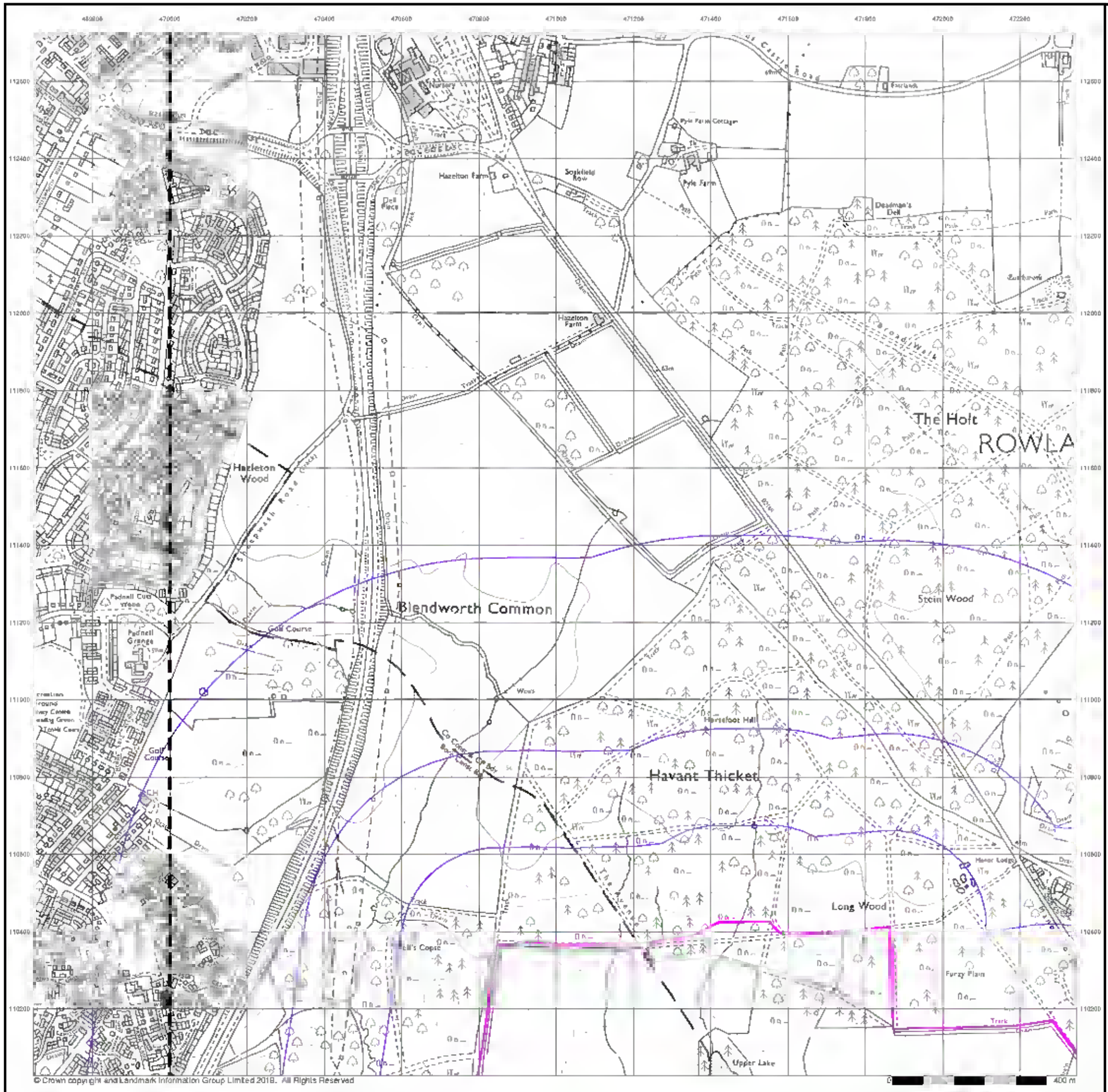
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Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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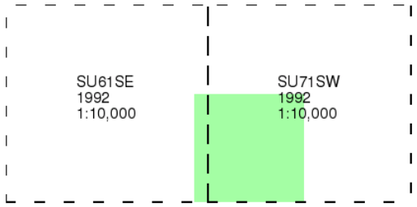
Ordnance Survey Plan

Published 1992

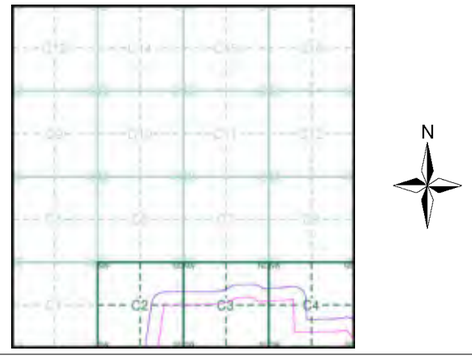
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice C



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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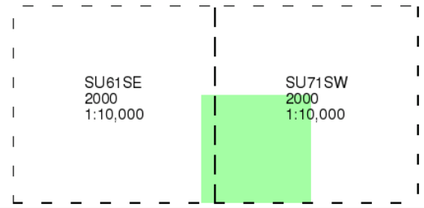
10k Raster Mapping

Published 2000

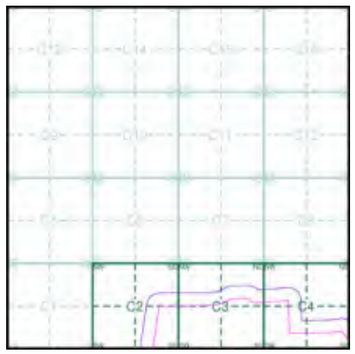
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice C



N

Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

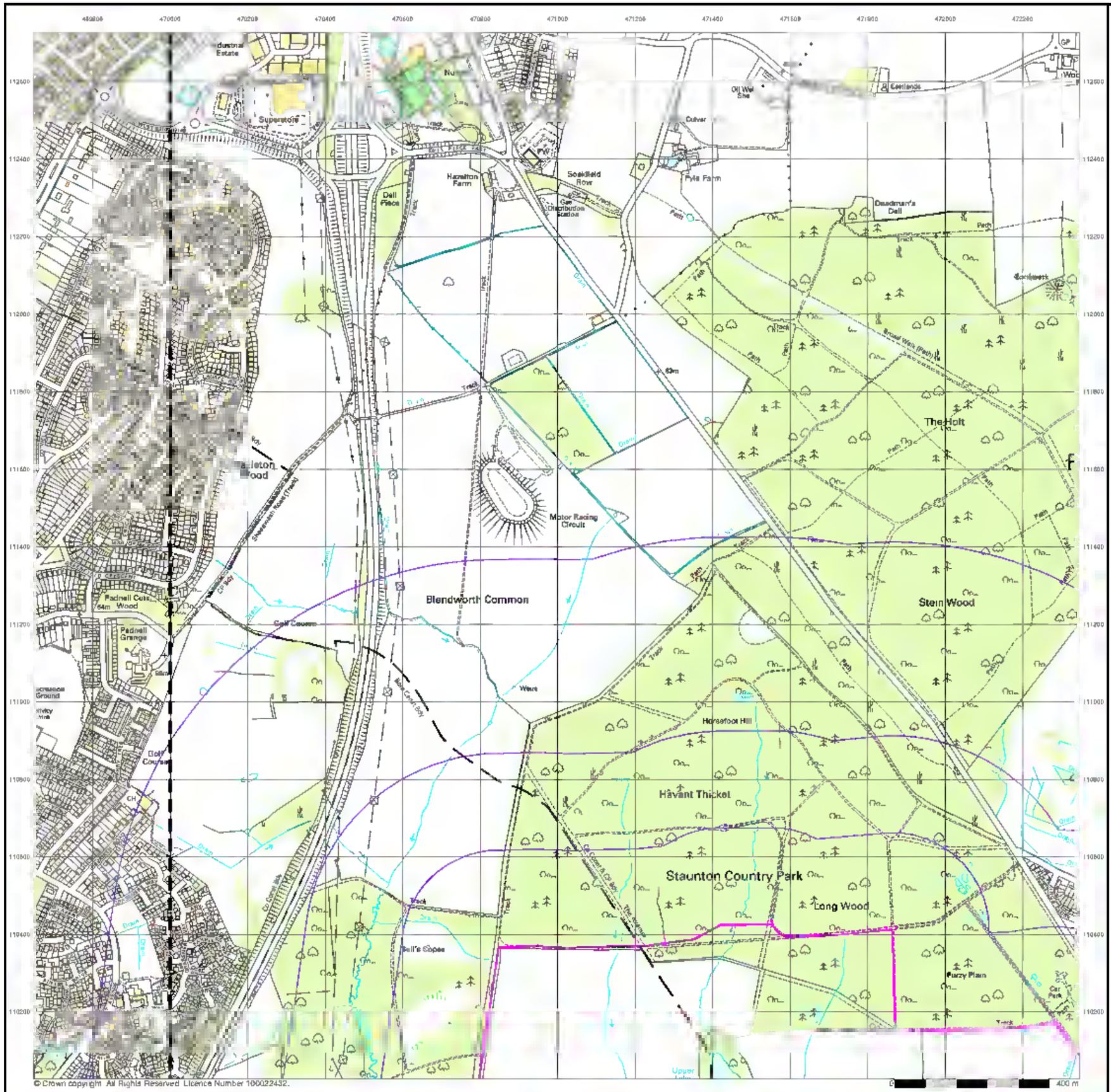
Site Details

Site at 472000, 110000

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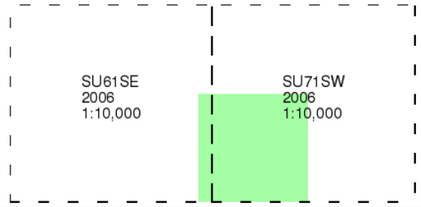
10k Raster Mapping

Published 2006

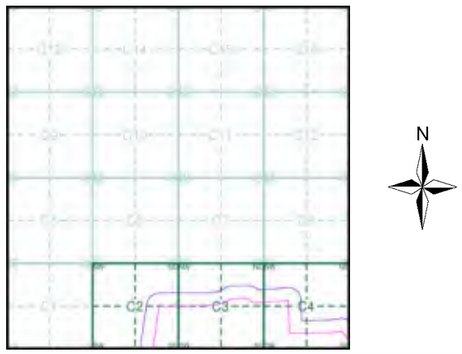
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice C



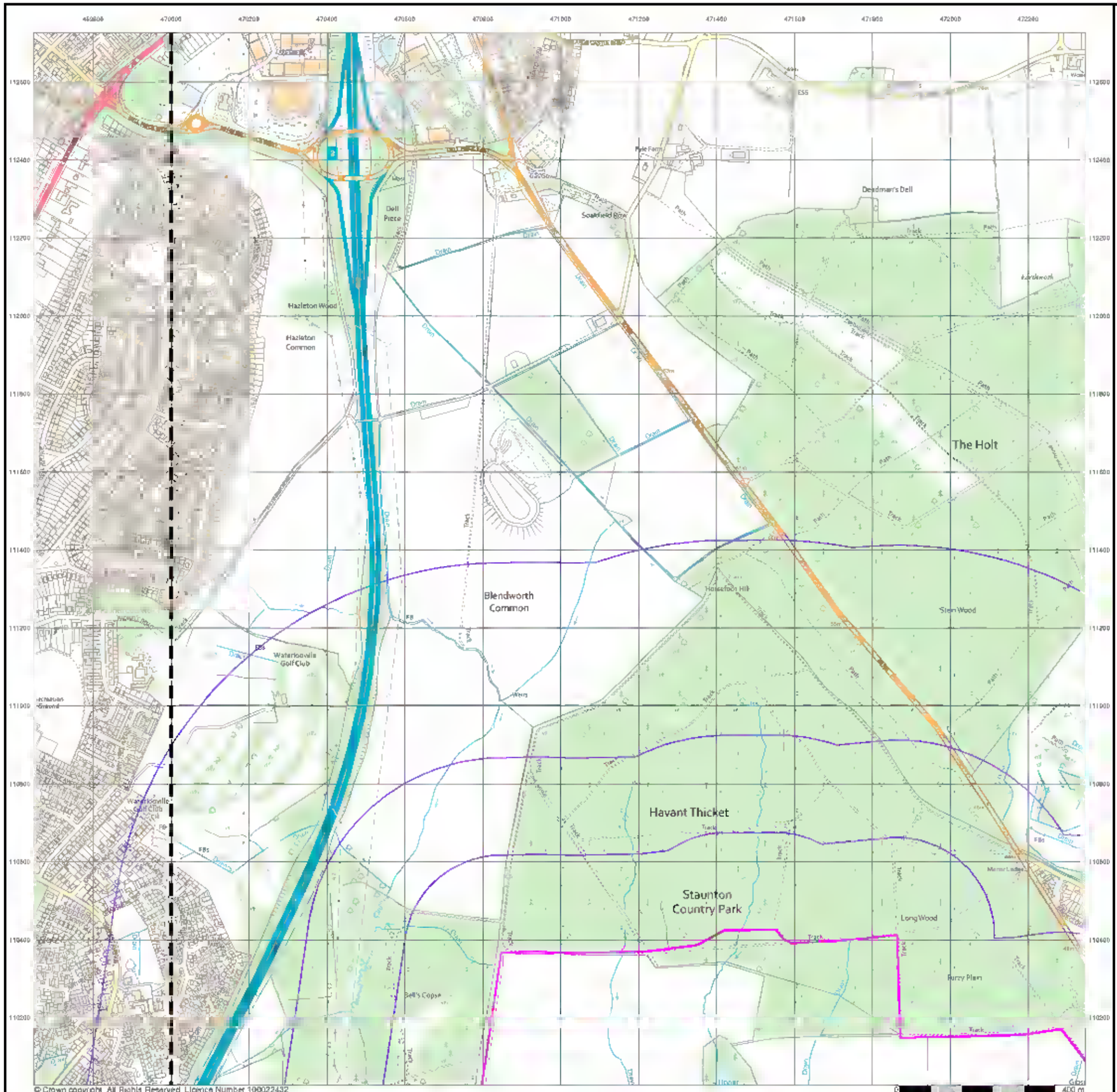
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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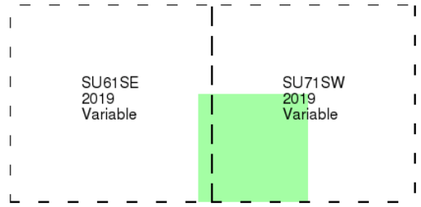
VectorMap Local

Published 2019

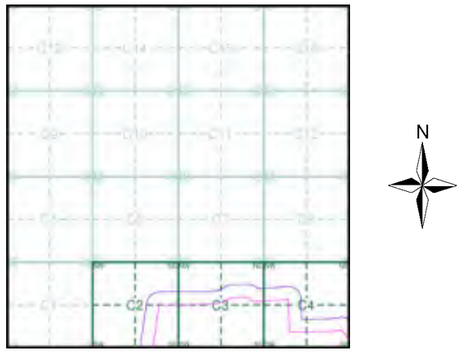
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities),1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



Historical Map - Slice C



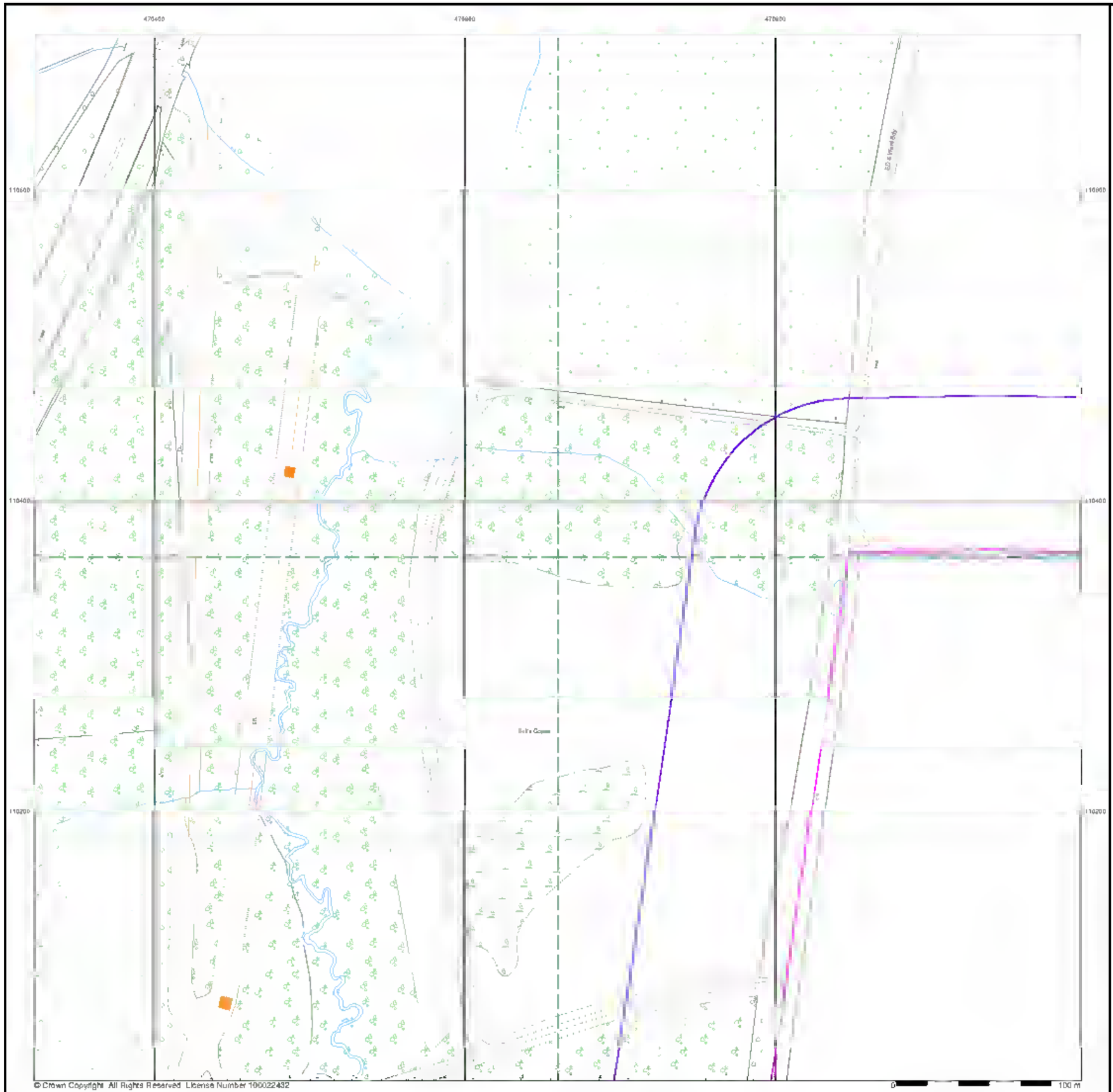
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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ATKINS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

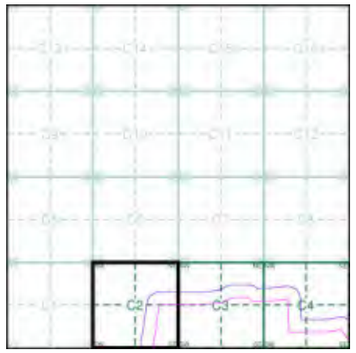
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment C2



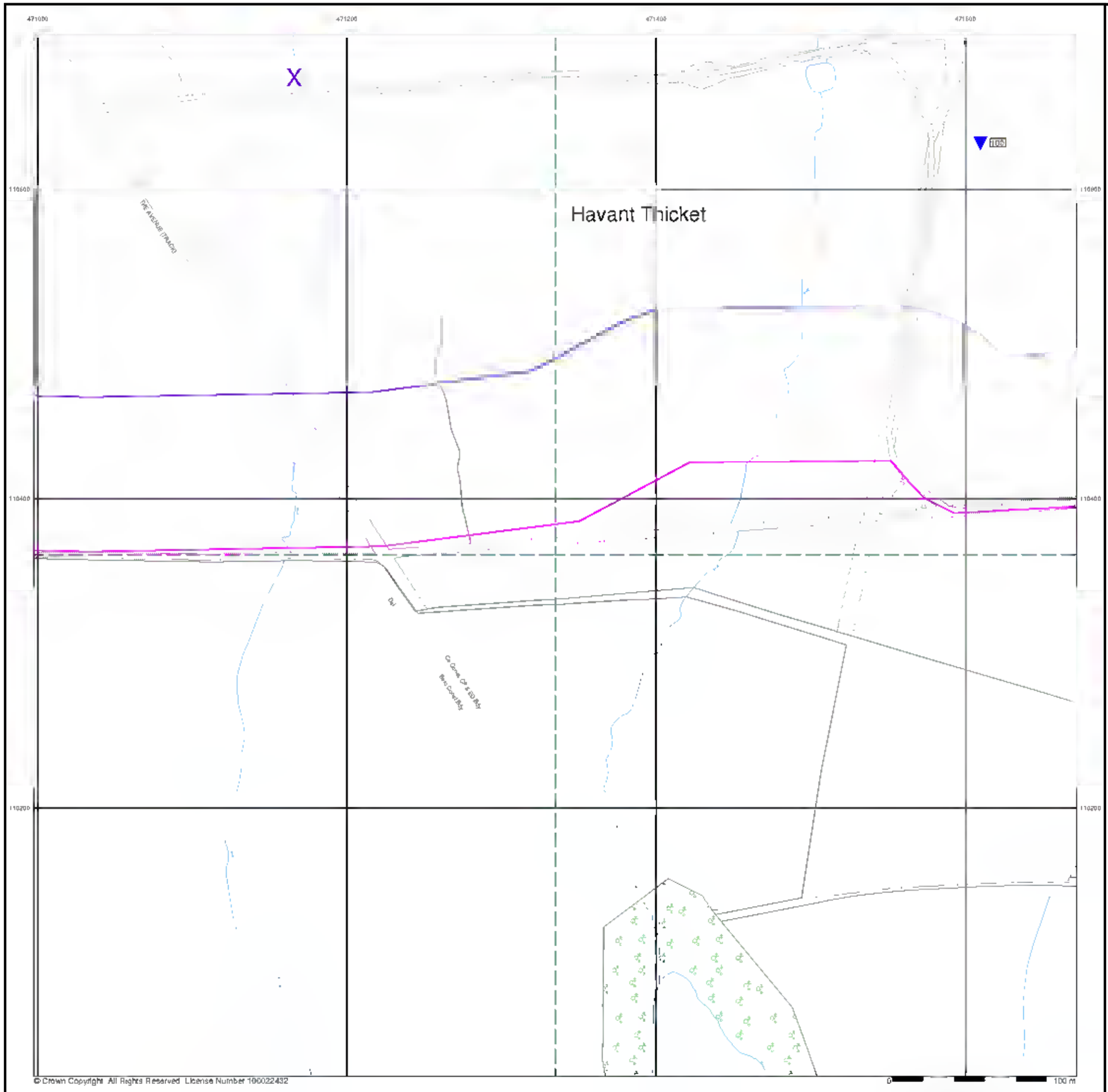
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Plot Buffer (m):	100

Site Details

Site at 472000, 110000

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ATKINS

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID
Several of Type at Location | Pylon | Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

COMAH Site | Explosive Site
NIHHS Site
Planning Hazardous Substance Consent
Planning Hazardous Substance Enforcement

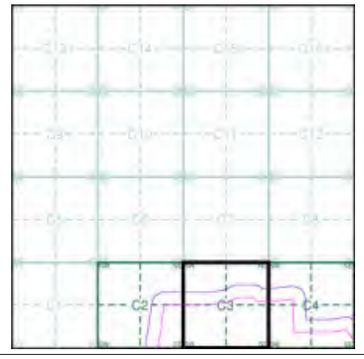
Geological

BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment C3



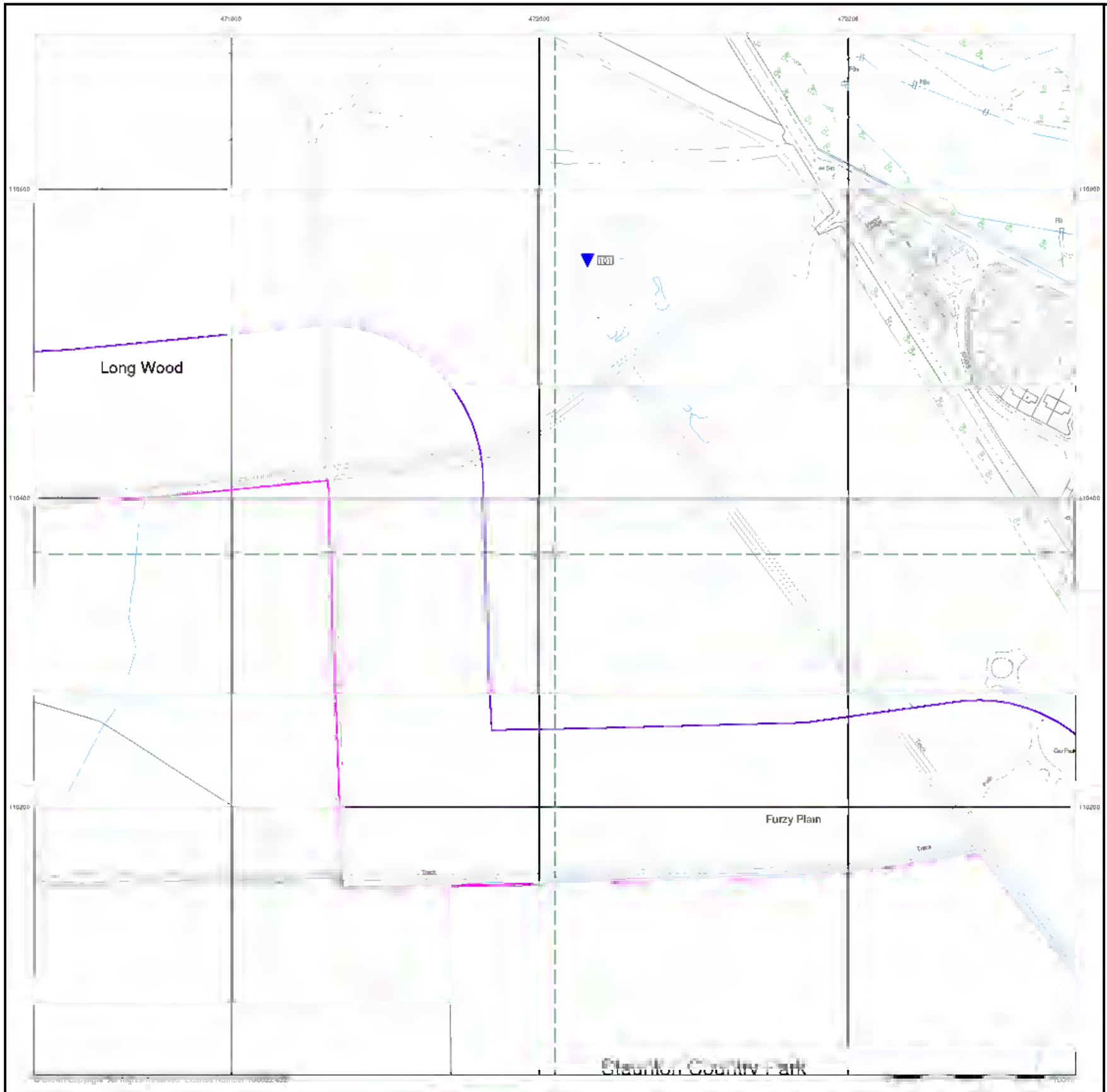
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Plot Buffer (m):	100

Site Details

Site at 472000, 110000

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Web: www.envirocheck.co.uk



ATKINS

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID
Several of Type at Location | Pylon | Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

COMAH Site | Explosive Site

- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

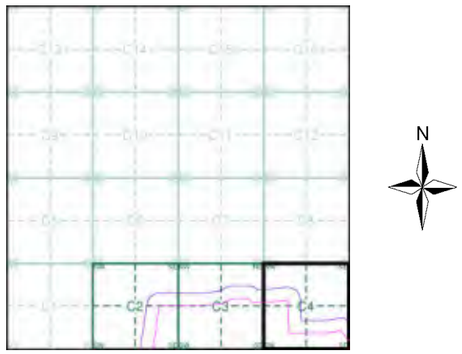
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment C4



Order Details

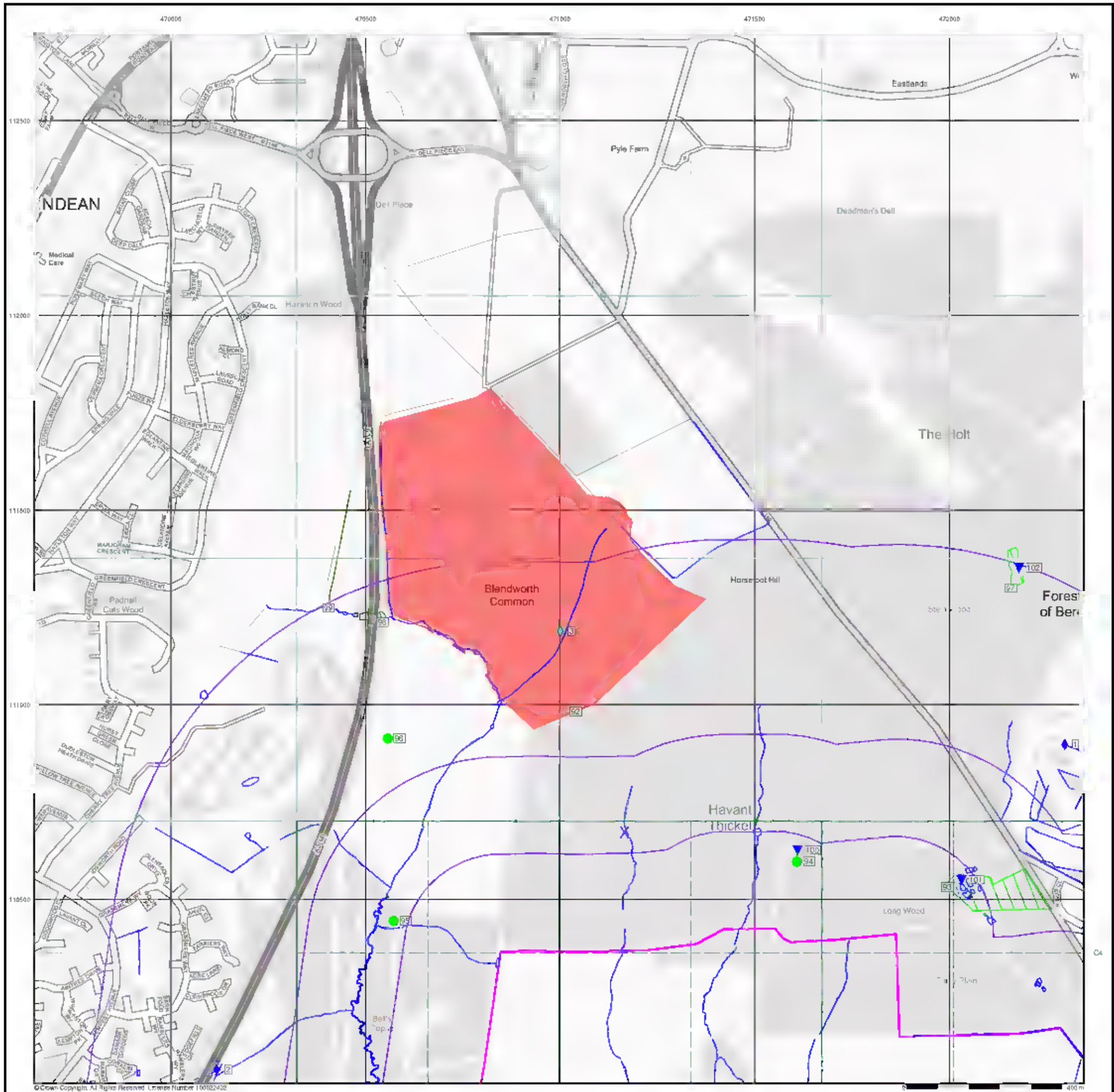
Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Plot Buffer (m):	100

Site Details

Site at 472000, 110000

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ATKINS

General

Specified Site
Specified Buffer(s)
Bearing Reference Point
Map ID
Several of Type at Location

Agency and Hydrological

Contaminated Land Register Entry or Notice (Location)
Contaminated Land Register Entry or Notice
Discharge Consent
Enforcement or Prohibition Notice
Integrated Pollution Control
Integrated Pollution Prevention Control
Local Authority Integrated Pollution Prevention and Control
Local Authority Pollution Prevention and Control
Local Authority Pollution Prevention and Control Enforcement
Pollution Incident to Controlled Waters
Prosecution Relating to Authorised Processes
Prosecution Relating to Controlled Waters
Registered Radioactive Substance
River Network or Water Feature
River Quality Sampling Point
Substantiated Pollution Incident Register
Water Abstraction
Water Industry Act Referral

Hazardous Substances

COMAH Site
Explosive Site
NIHHS Site
Planning Hazardous Substance Consent
Planning Hazardous Substance Enforcement

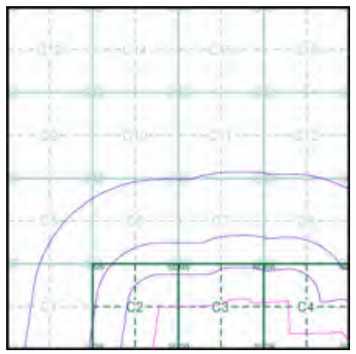
Geological

BGS Recorded Mineral Site

Waste

BGS Recorded Landfill Site (Location)
BGS Recorded Landfill Site
EA Historic Landfill (Buffered Point)
EA Historic Landfill (Polygon)
Integrated Pollution Control Registered Waste Site
Licensed Waste Management Facility (Landfill Boundary)
Licensed Waste Management Facility (Location)
Local Authority Recorded Landfill Site (Location)
Local Authority Recorded Landfill Site
Potentially Infilled Land (Non-water)
Potentially Infilled Land (Non-water)
Potentially Infilled Land (Non-water)
Potentially Infilled Land (Water)
Potentially Infilled Land (Water)
Potentially Infilled Land (Water)
Registered Landfill Site
Registered Landfill Site (Location)
Registered Landfill Site (Point Buffered to 100m)
Registered Landfill Site (Point Buffered to 250m)
Registered Waste Transfer Site (Location)
Registered Waste Transfer Site
Registered Waste Treatment or Disposal Site (Location)
Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice C



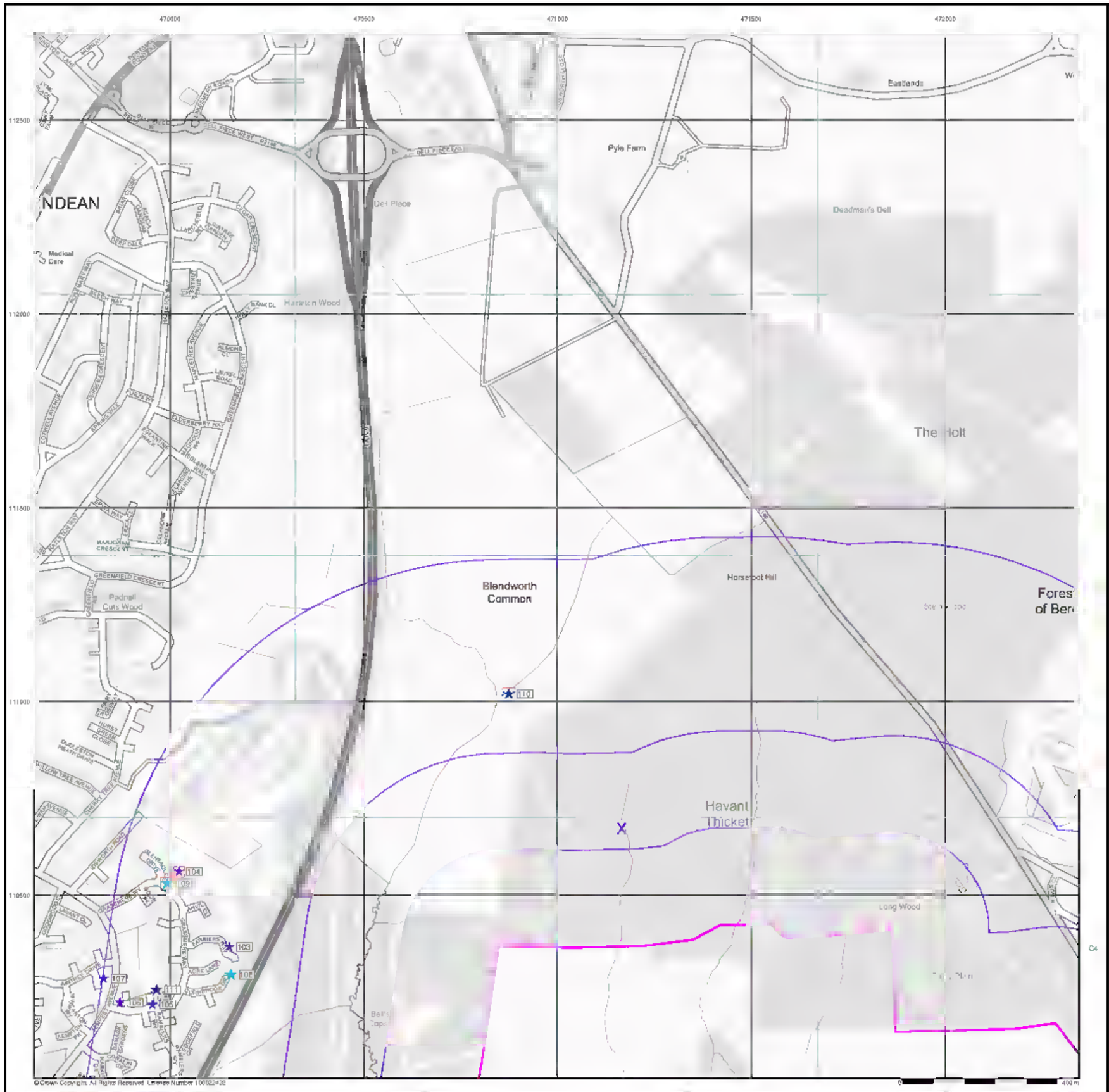
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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ATKINS

Industrial Land Use Map

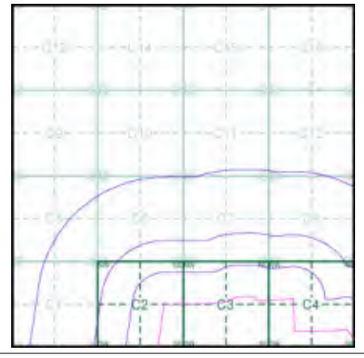
General

Specified Site
Specified Buffer(s)
Bearing Reference Point
Slice
Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice C



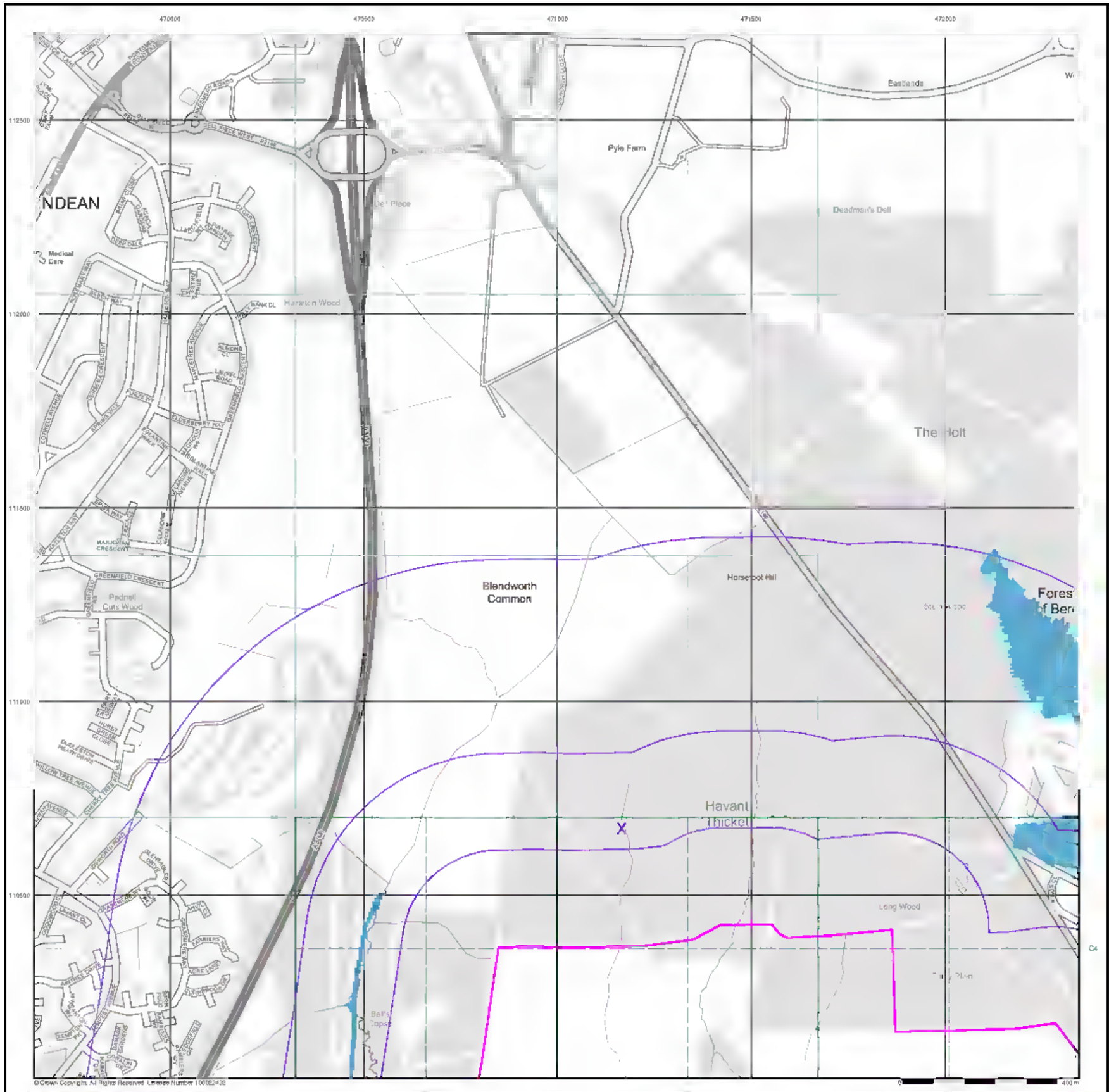
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

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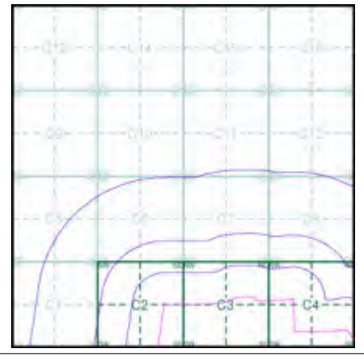
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice C



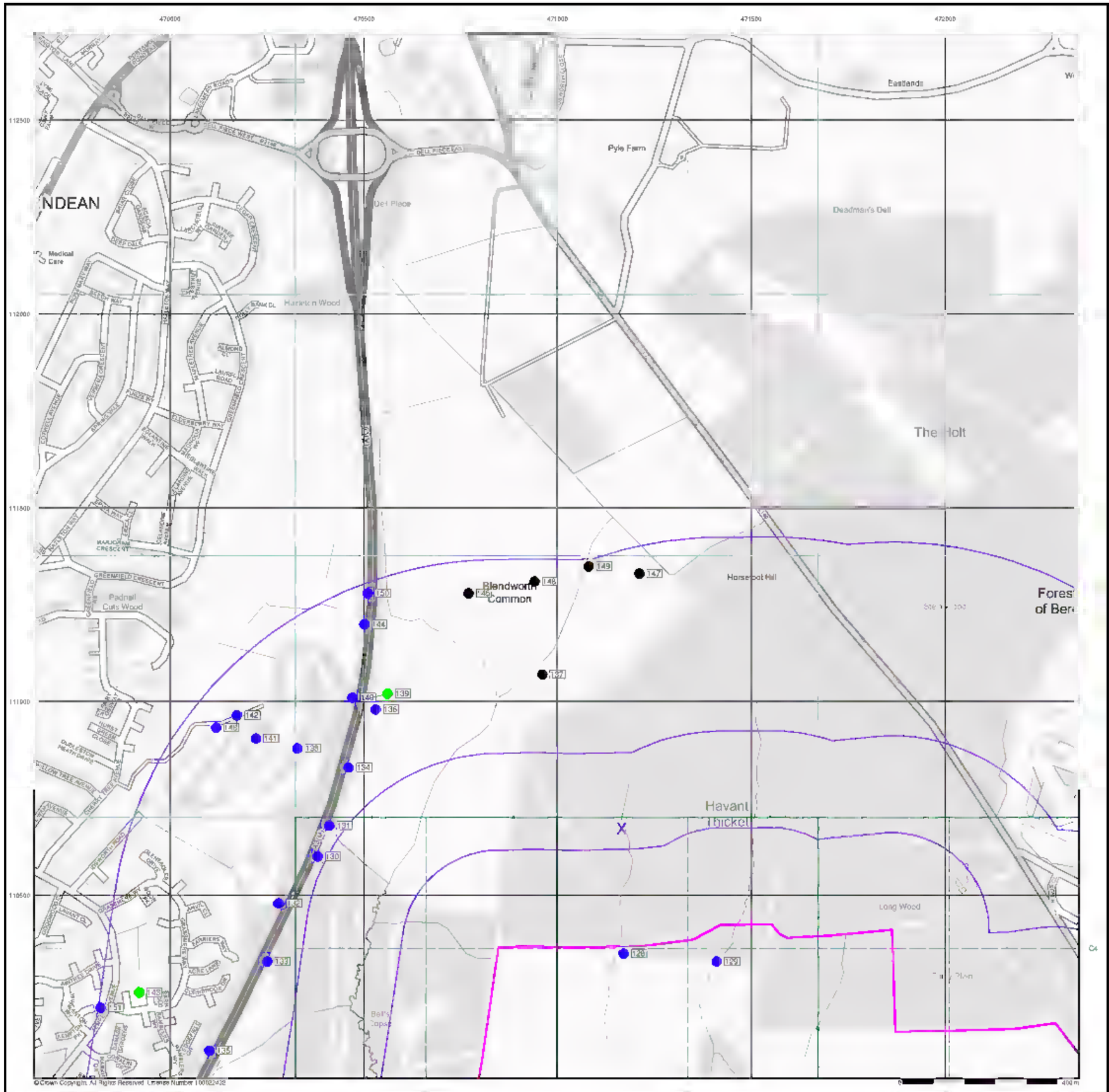
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

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ATKINS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

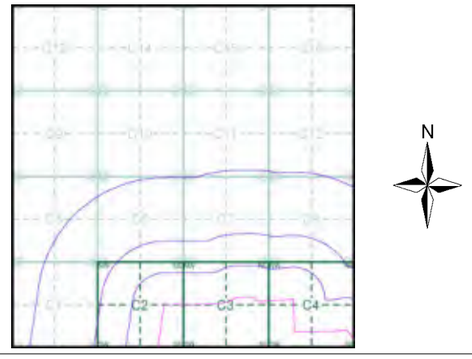
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice C



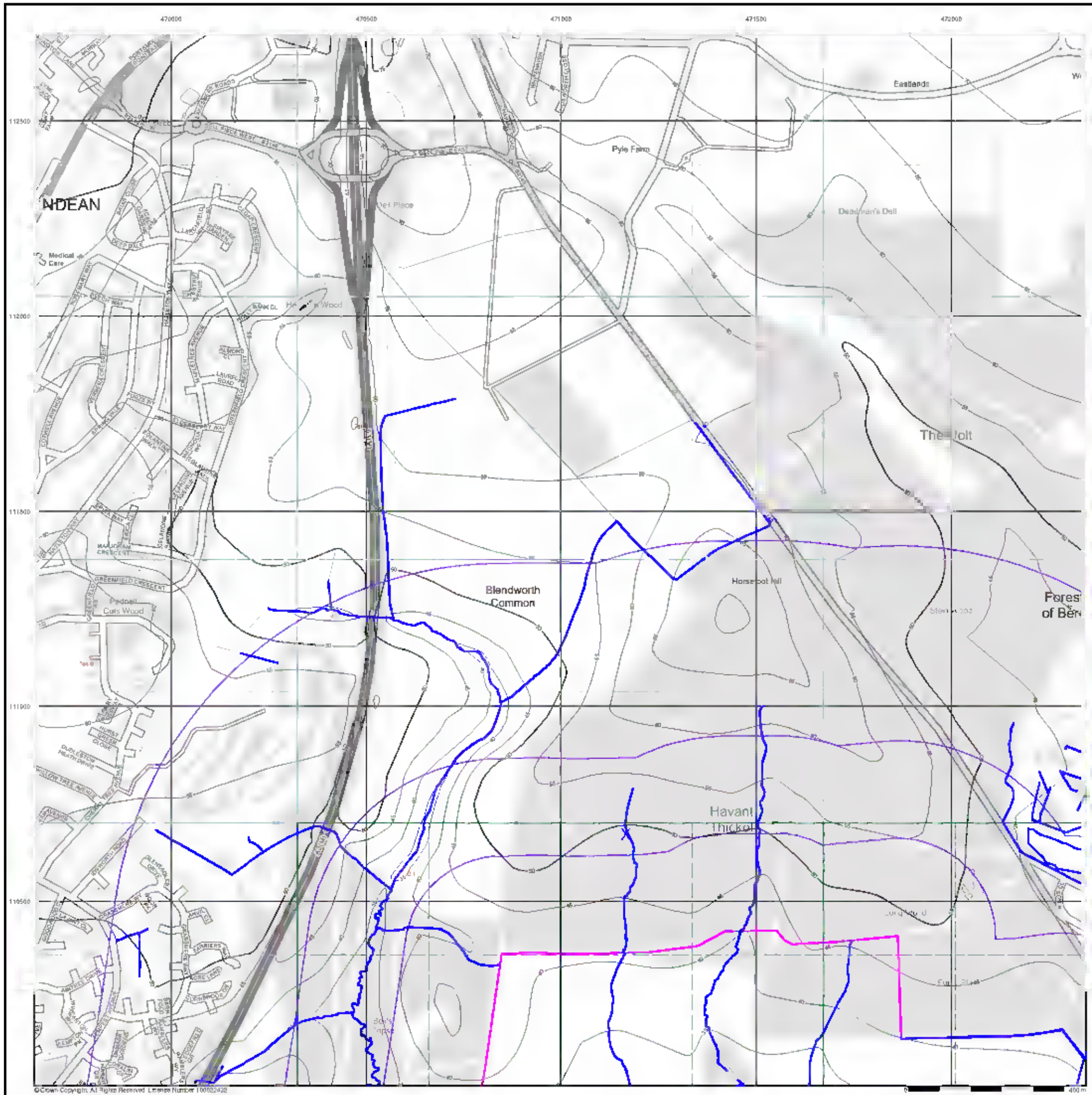
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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ATKINS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

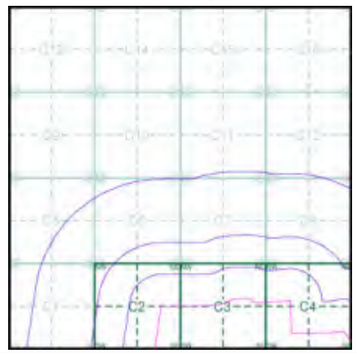
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice C



Order Details

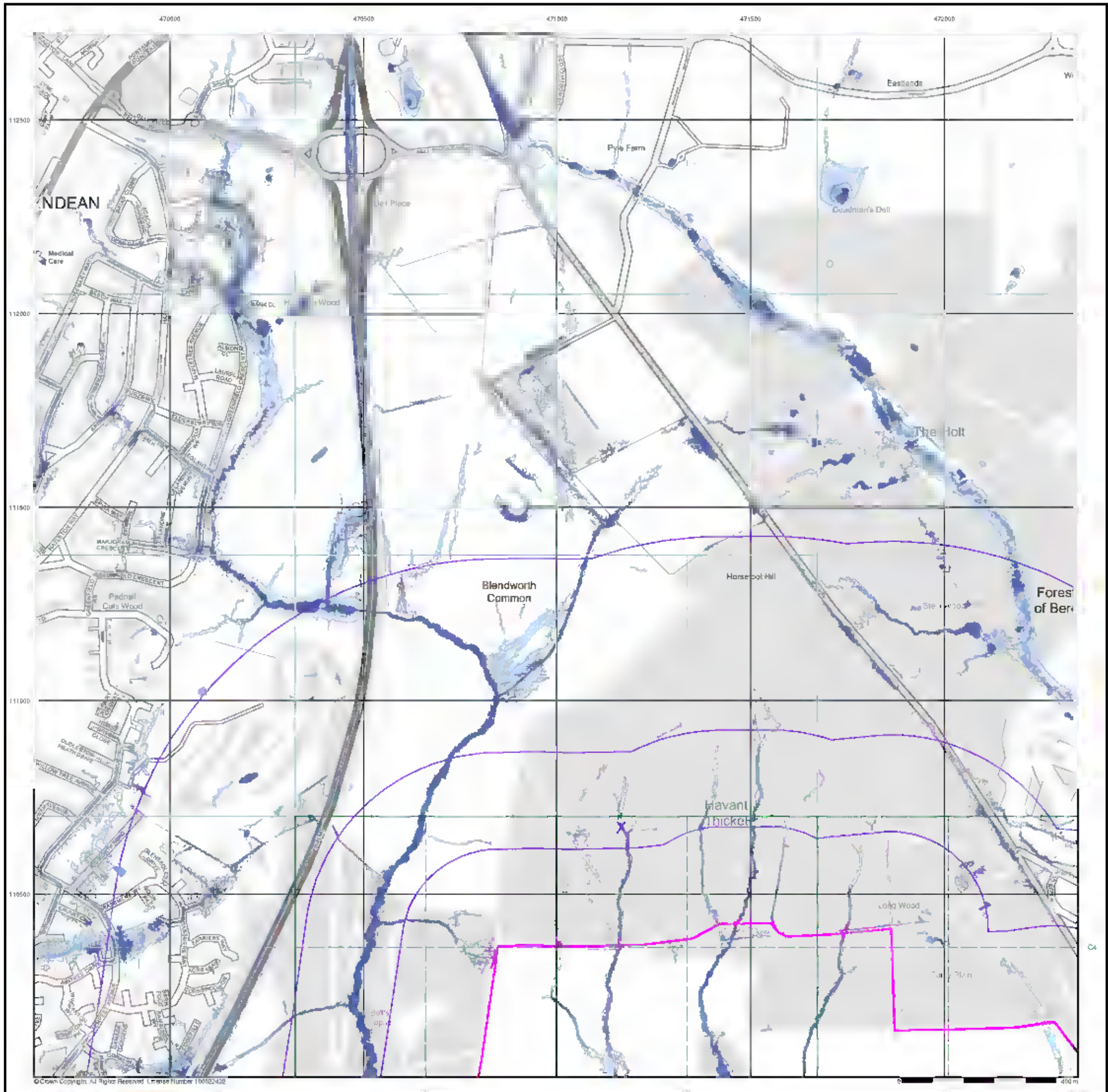
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ATKINS

General

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- Bearing Reference Point

Risk of Flooding from Surface Water

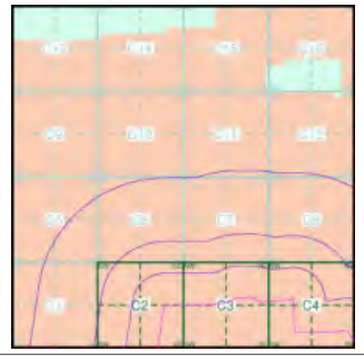
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice C



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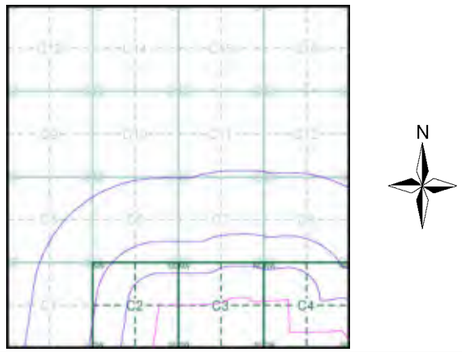
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice C



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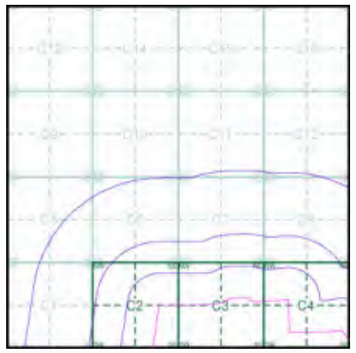
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice C



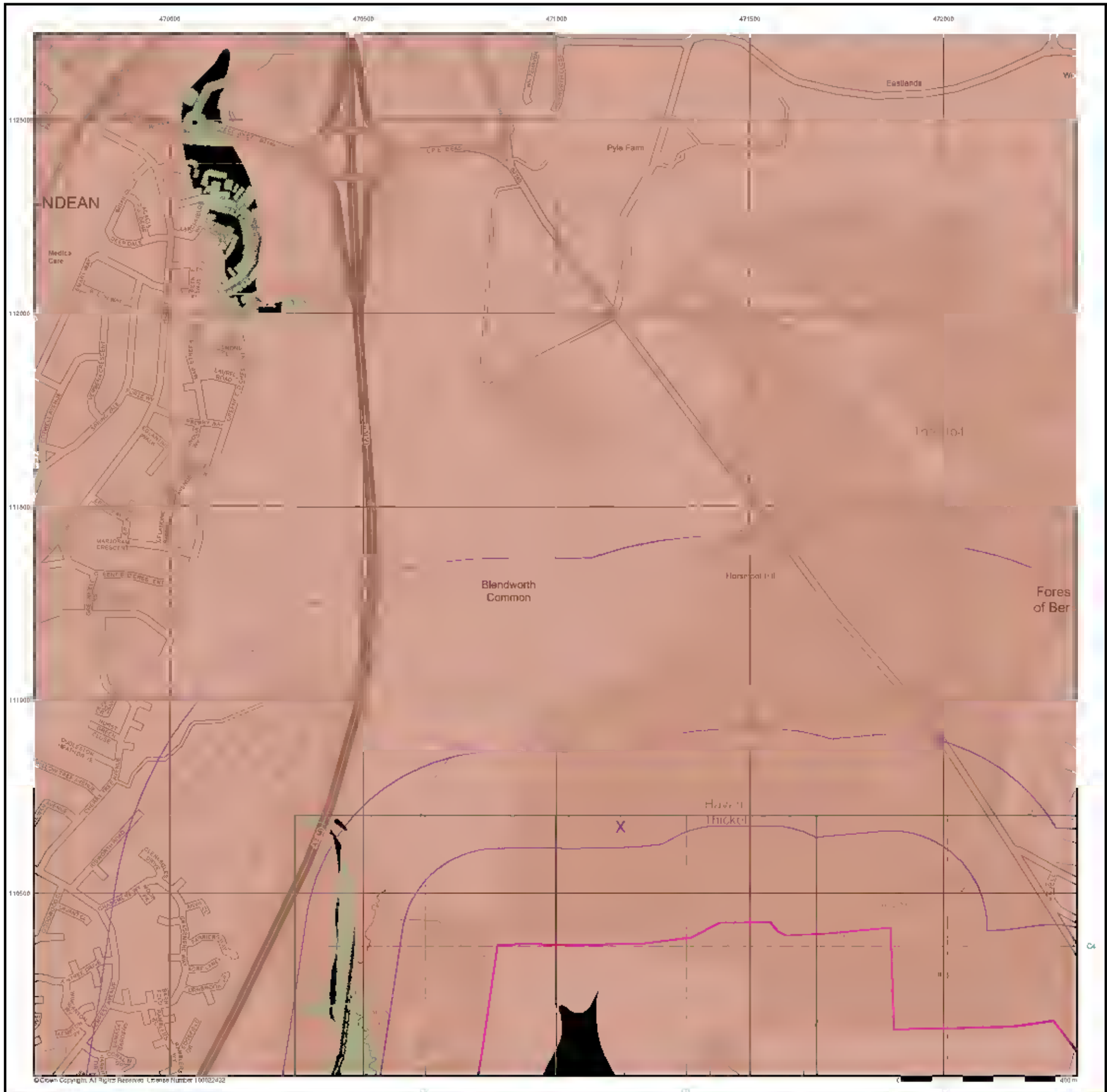
Order Details

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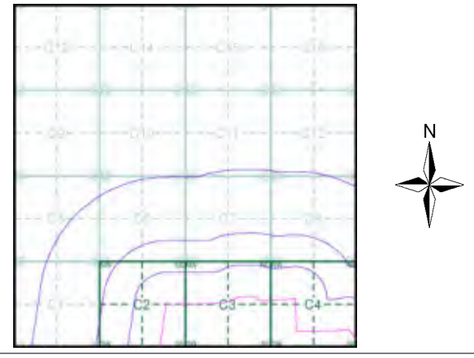
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice C



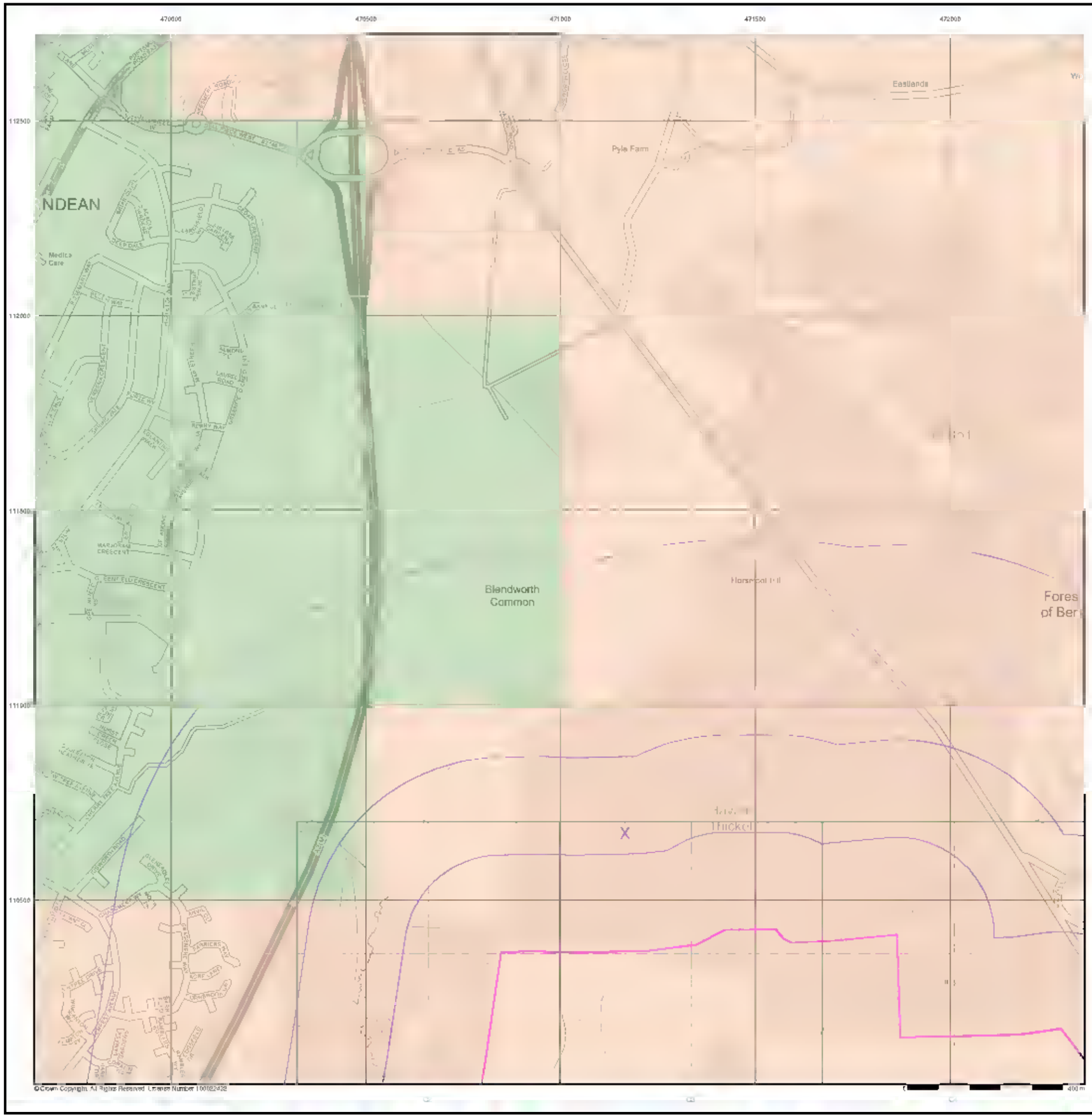
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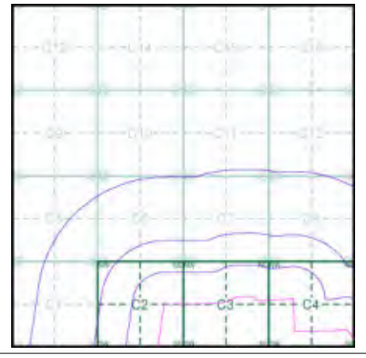
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice C

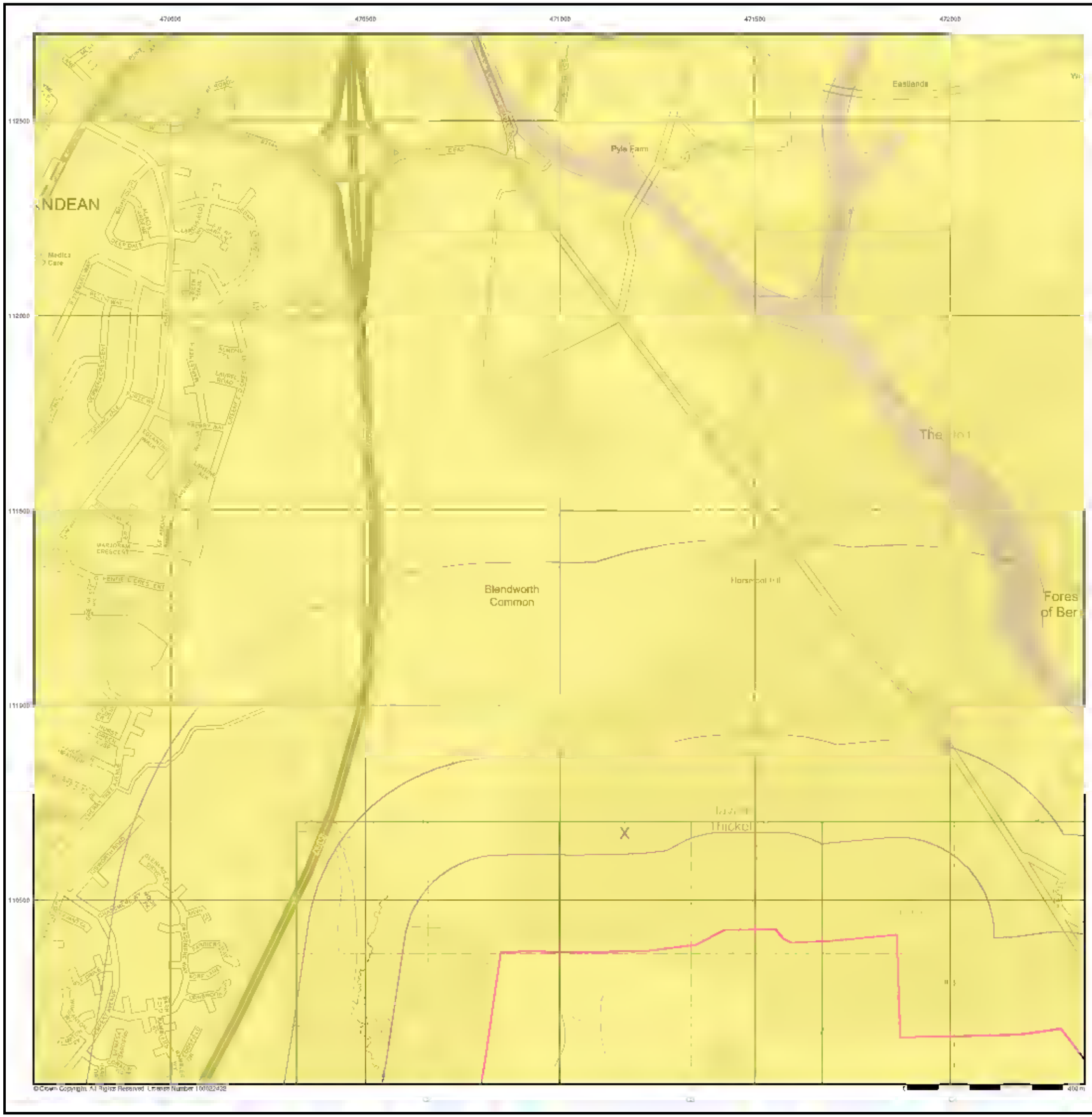


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Site at 472000, 110000



ATKINS

General

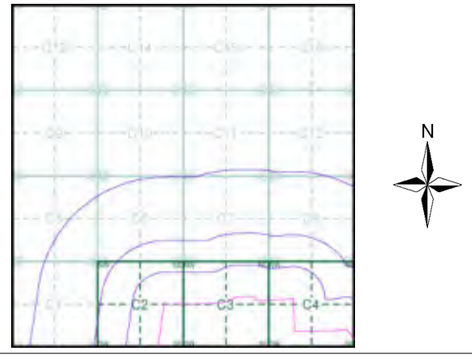
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice C



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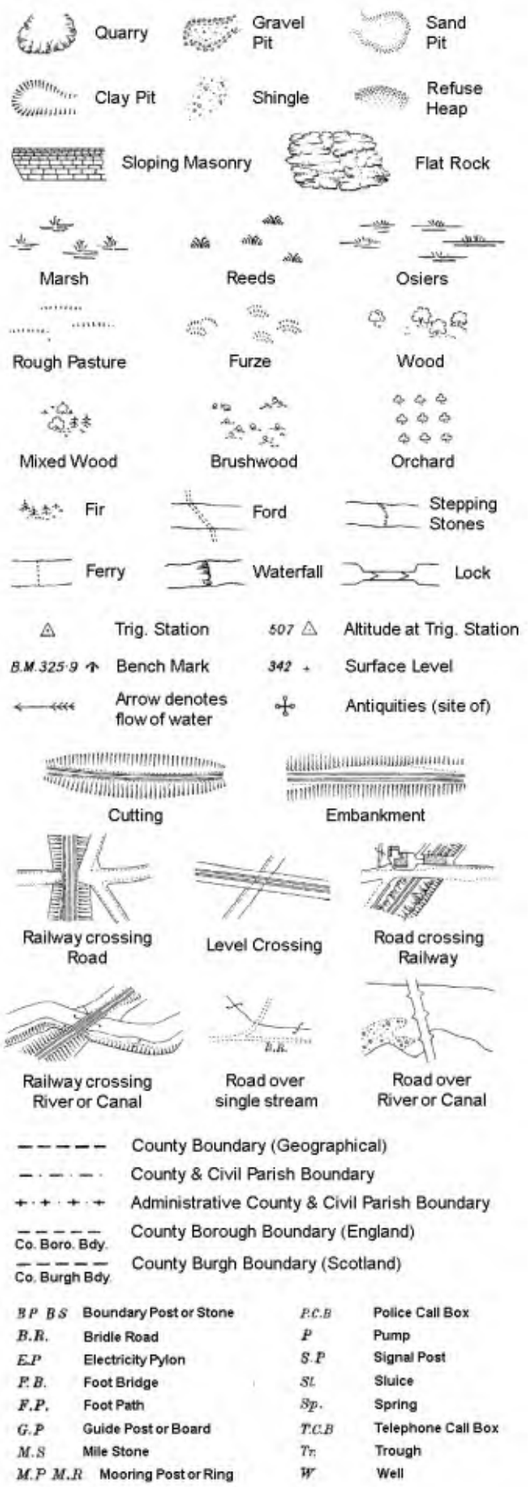
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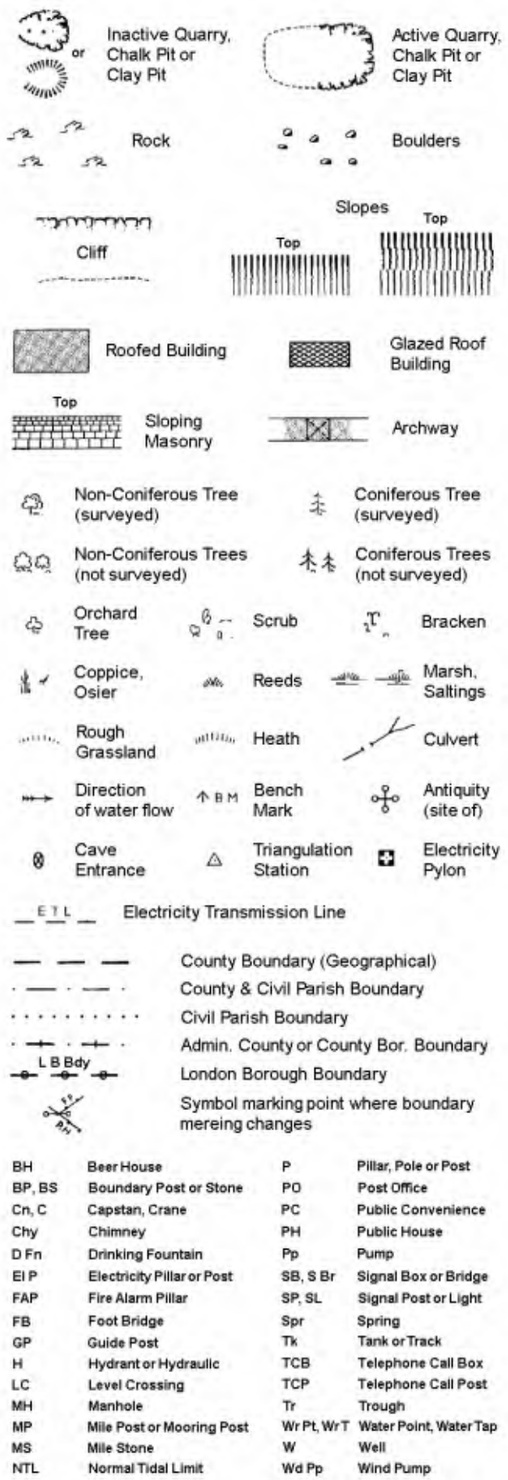
Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



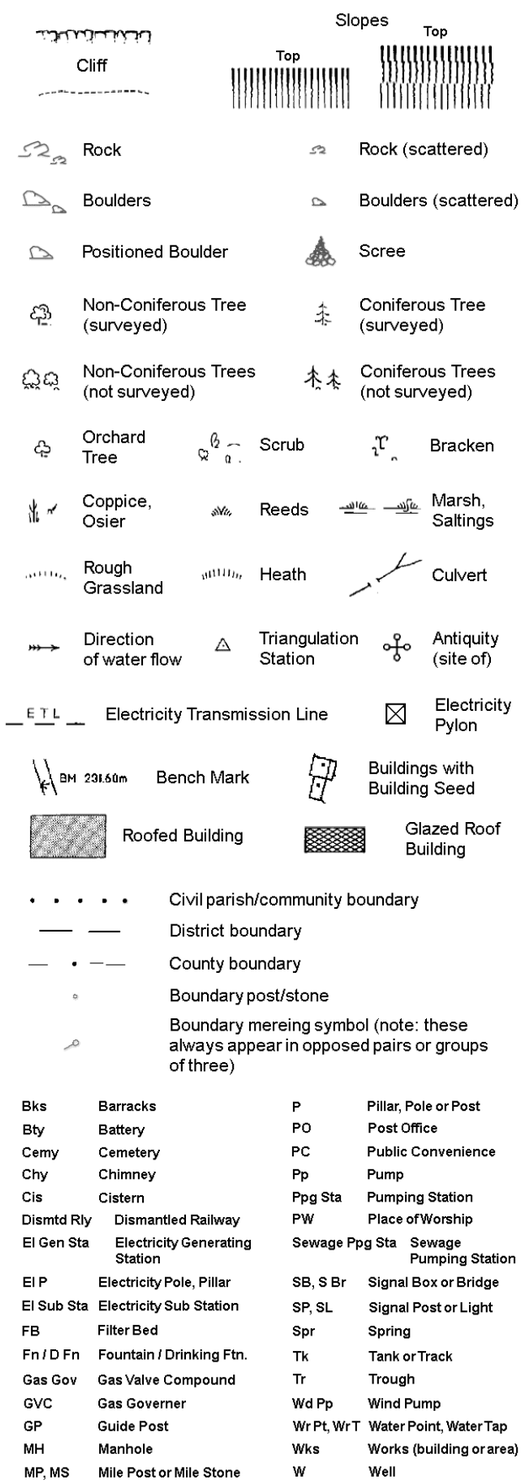
B.P B.S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250



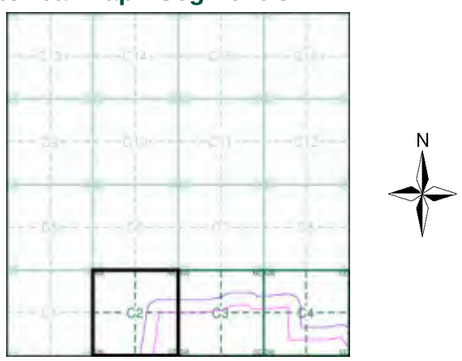
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1878	2
Hampshire & Isle Of Wight	1:2,500	1897	3
Hampshire & Isle Of Wight	1:2,500	1909	4
Hampshire & Isle Of Wight	1:2,500	1932	5
Ordnance Survey Plan	1:2,500	1970	6
Additional SIMs	1:2,500	1981	7
Ordnance Survey Plan	1:1,250	1988	8
Additional SIMs	1:2,500	1991	9
Large-Scale National Grid Data	1:1,250	1993	10
Historical Aerial Photography	1:2,500	1999	11

Historical Map - Segment C2



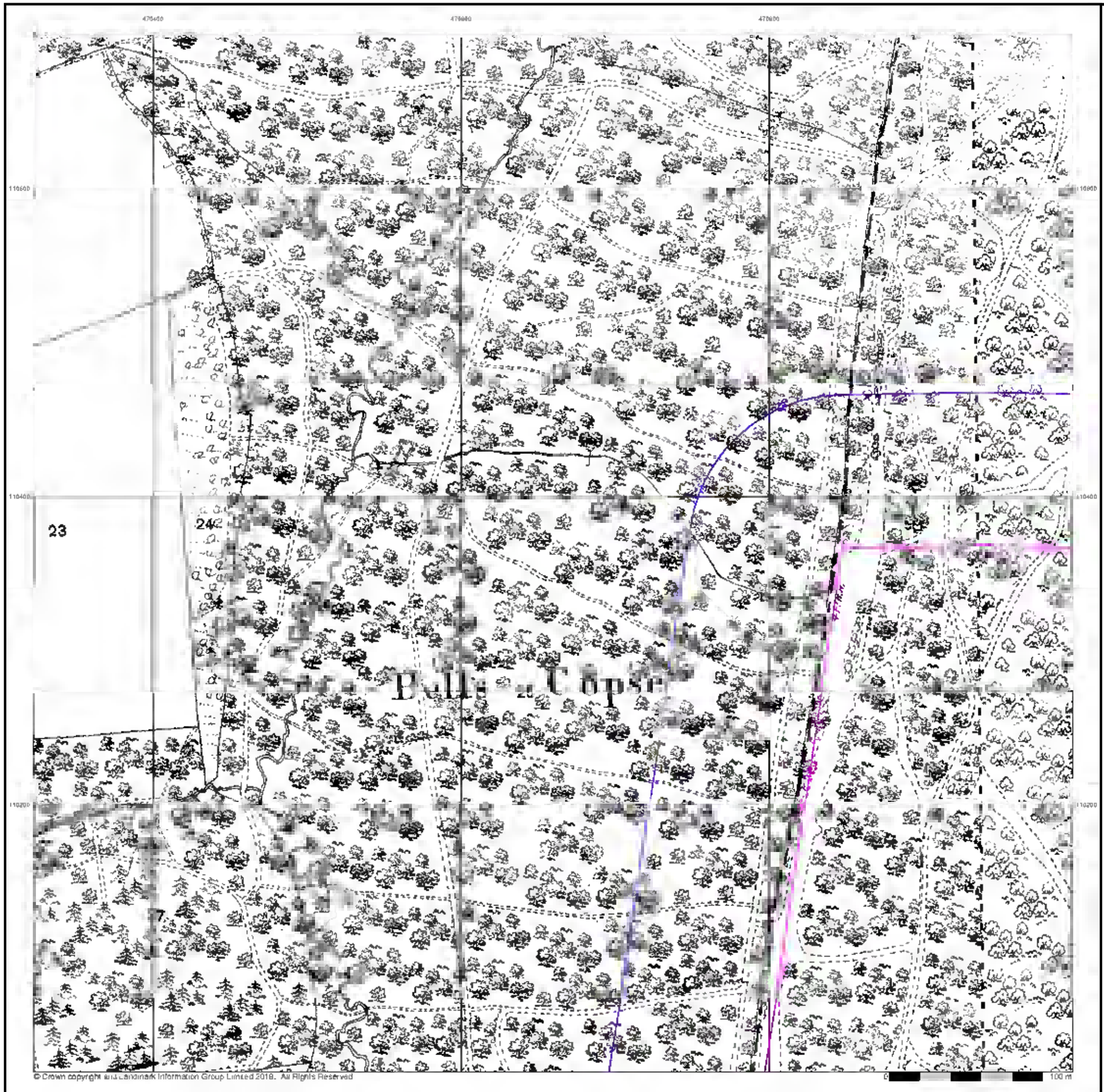
Order Details

Order Number: 202069335_1_1
Customer Ref: 5169117
National Grid Reference: 471170, 110670
Slice: C
Site Area (Ha): 172.43
Search Buffer (m): 100

Site Details

Site at 472000, 110000

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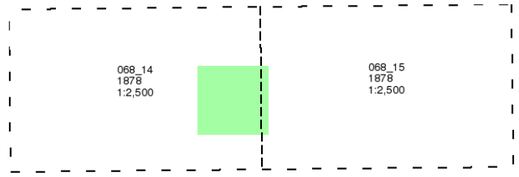
Hampshire & Isle Of Wight

Published 1878

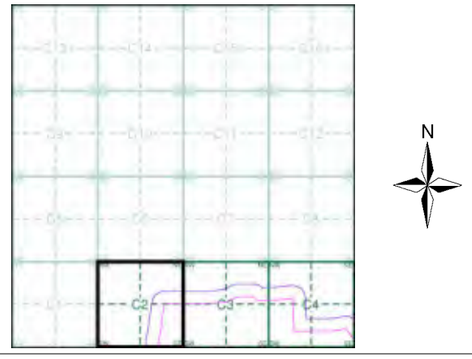
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C2



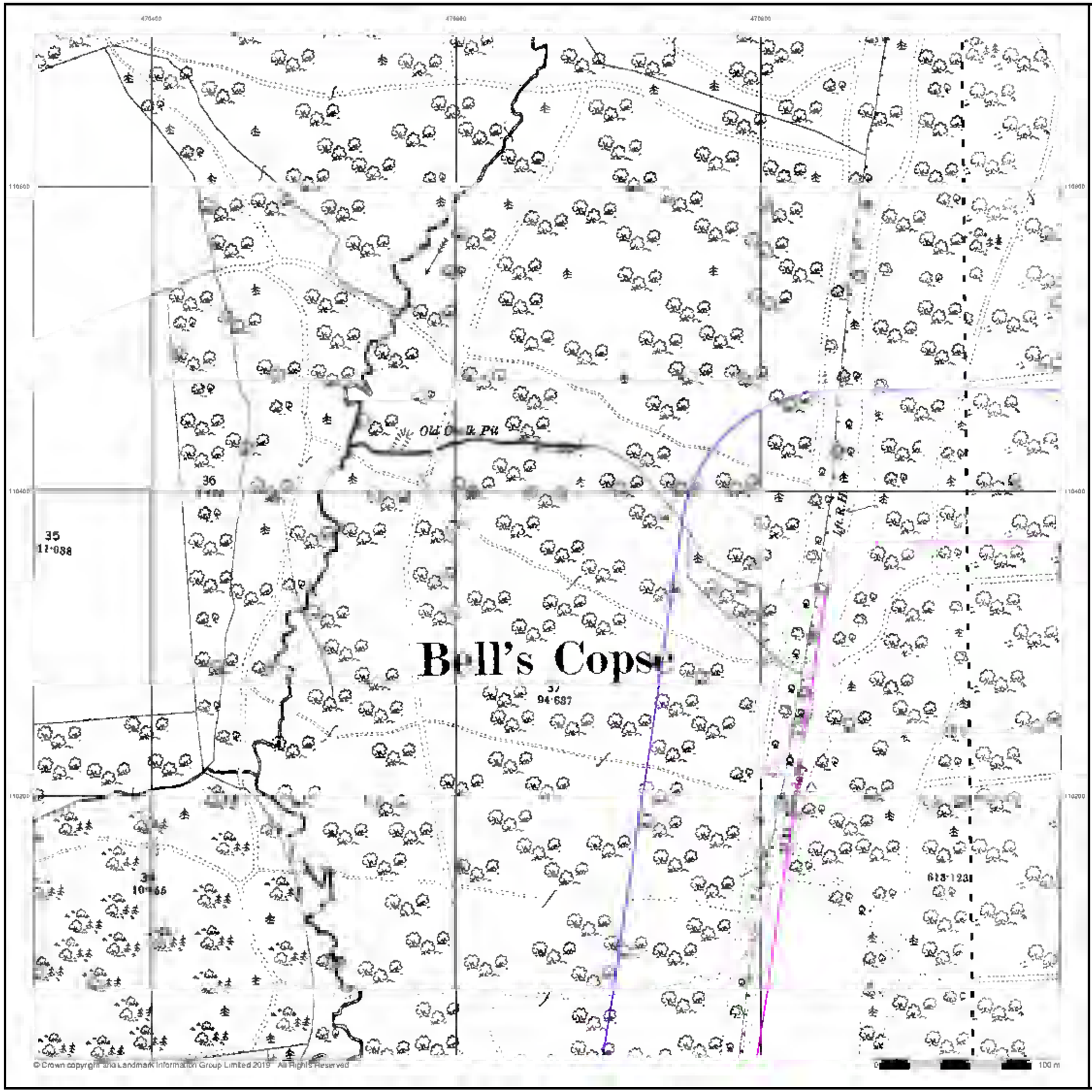
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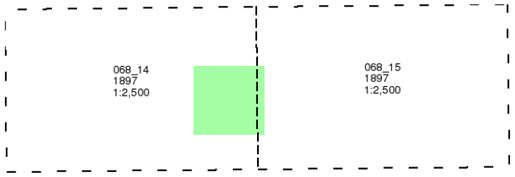
Hampshire & Isle Of Wight

Published 1897

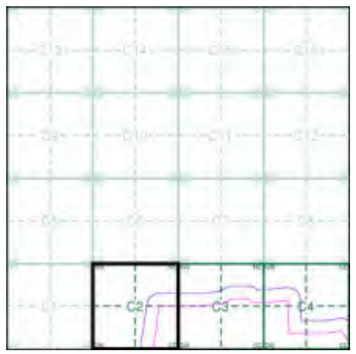
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C2



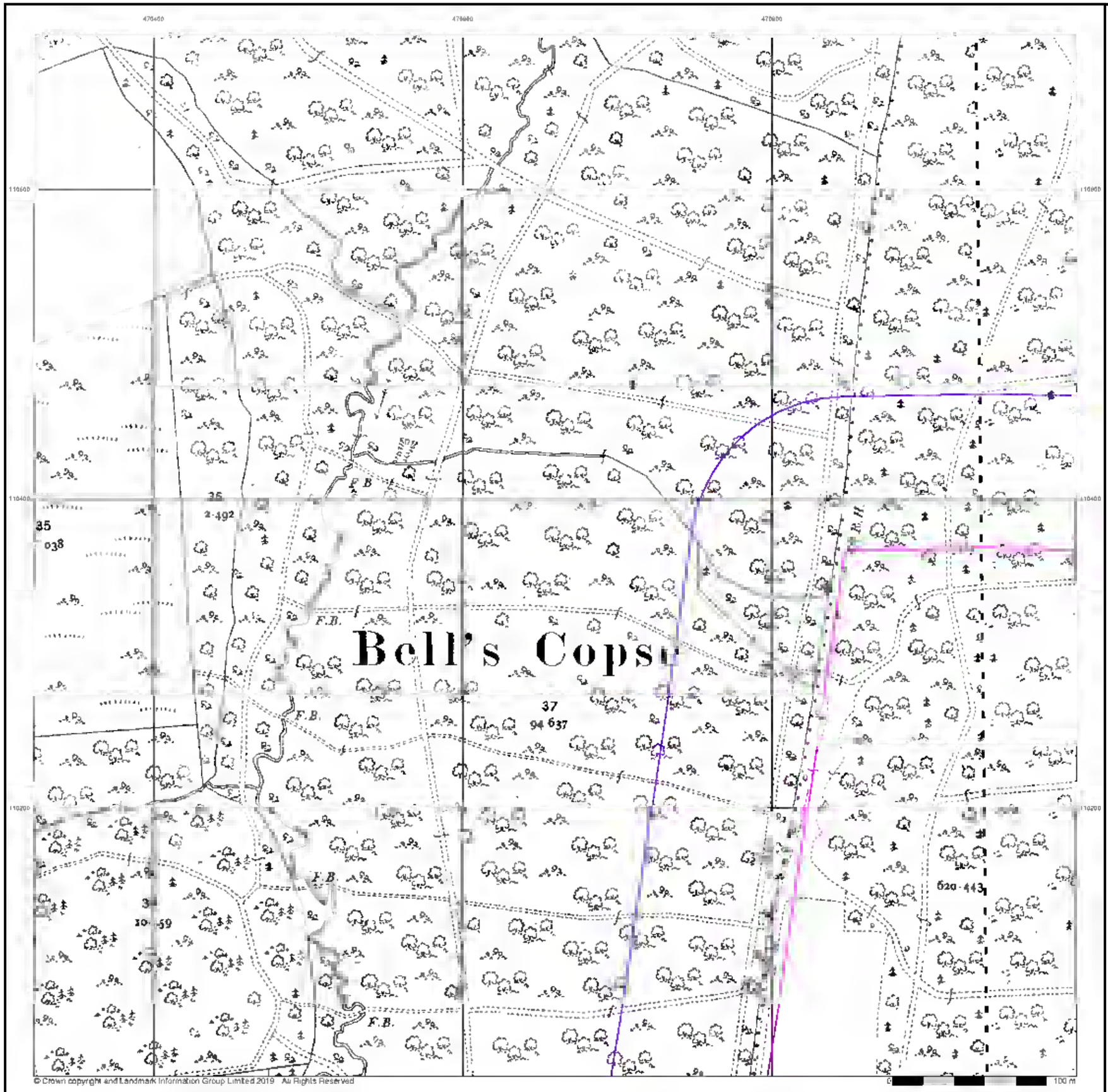
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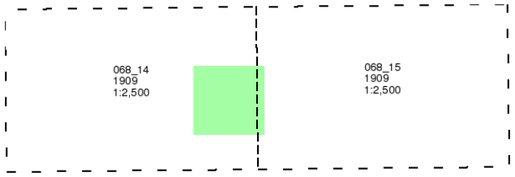
Hampshire & Isle Of Wight

Published 1909

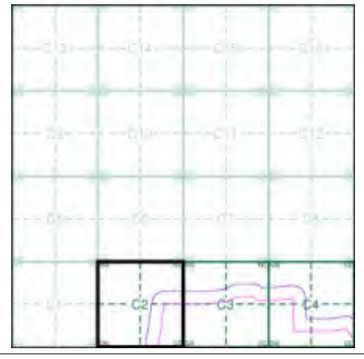
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C2



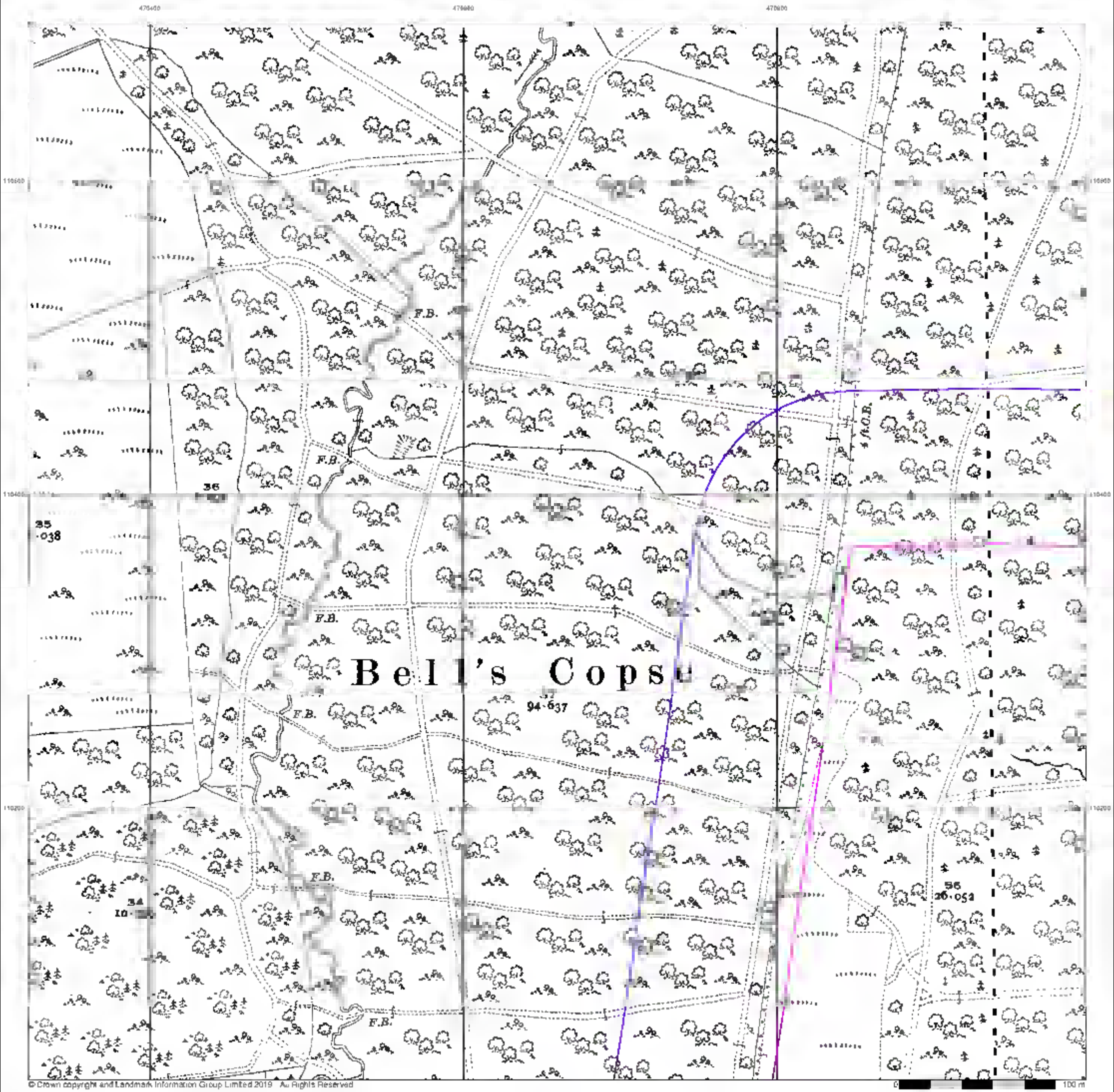
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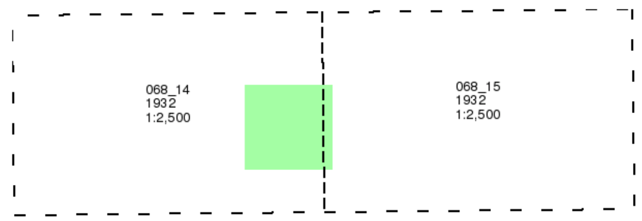
Hampshire & Isle Of Wight

Published 1932

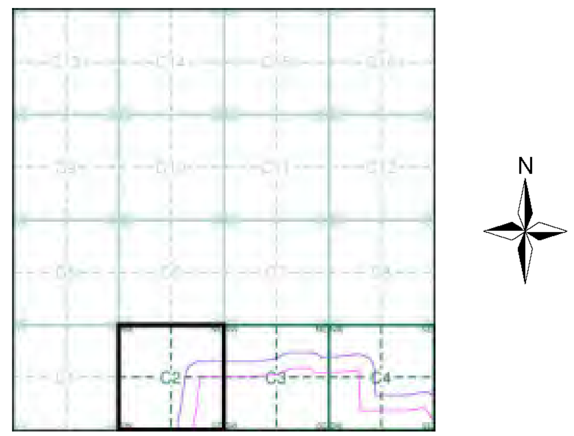
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C2



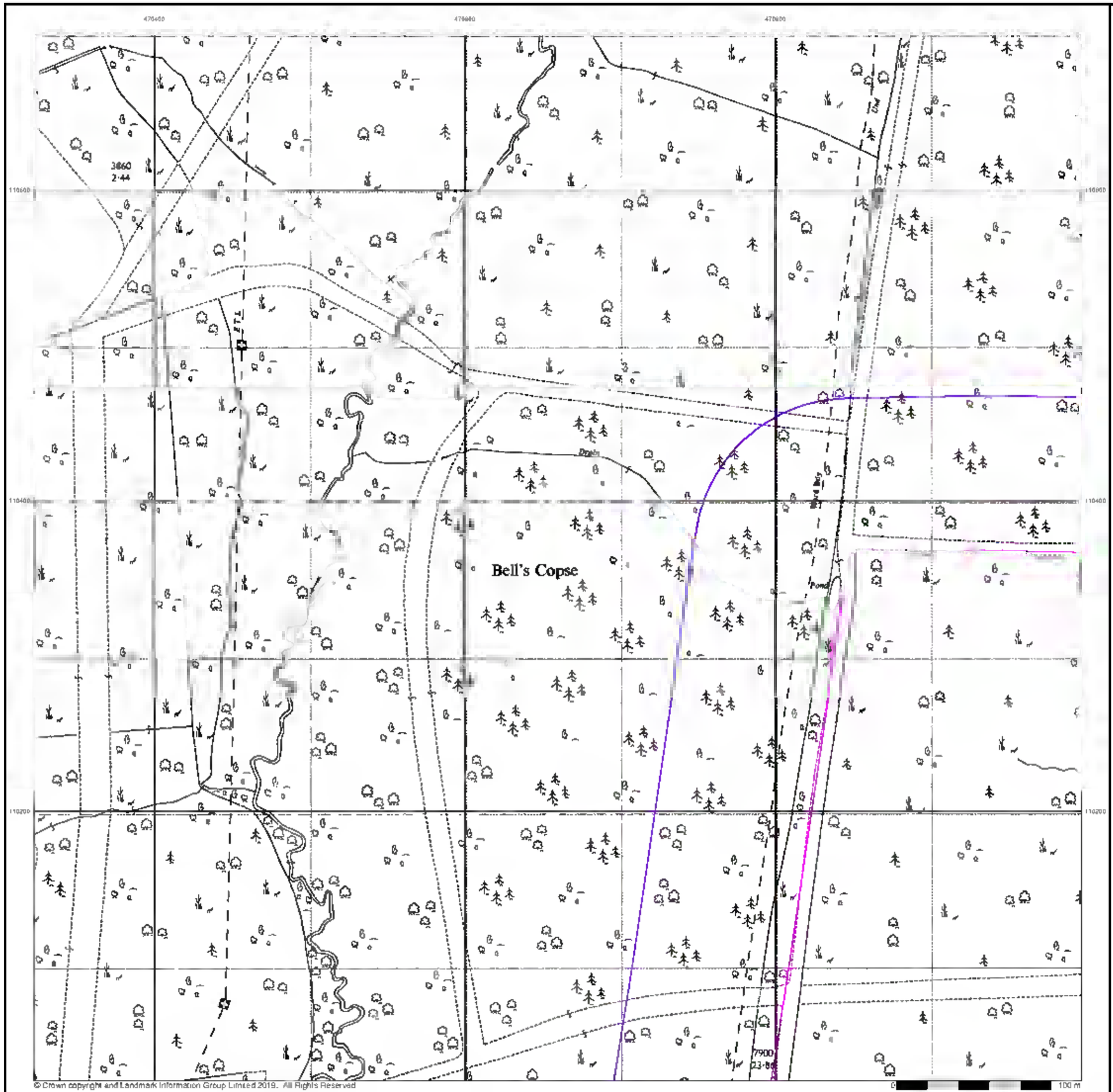
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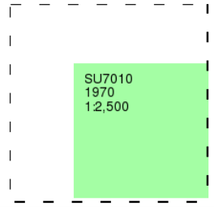
Ordnance Survey Plan

Published 1970

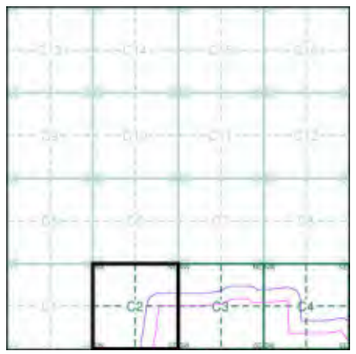
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C2



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National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	100

Site Details

Site at 472000, 110000

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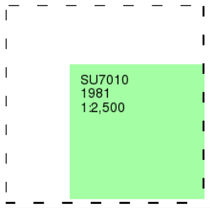
Additional SIMs

Published 1981

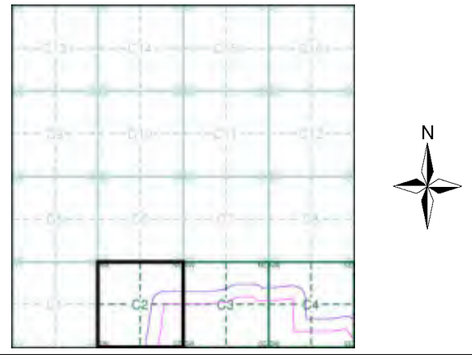
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C2



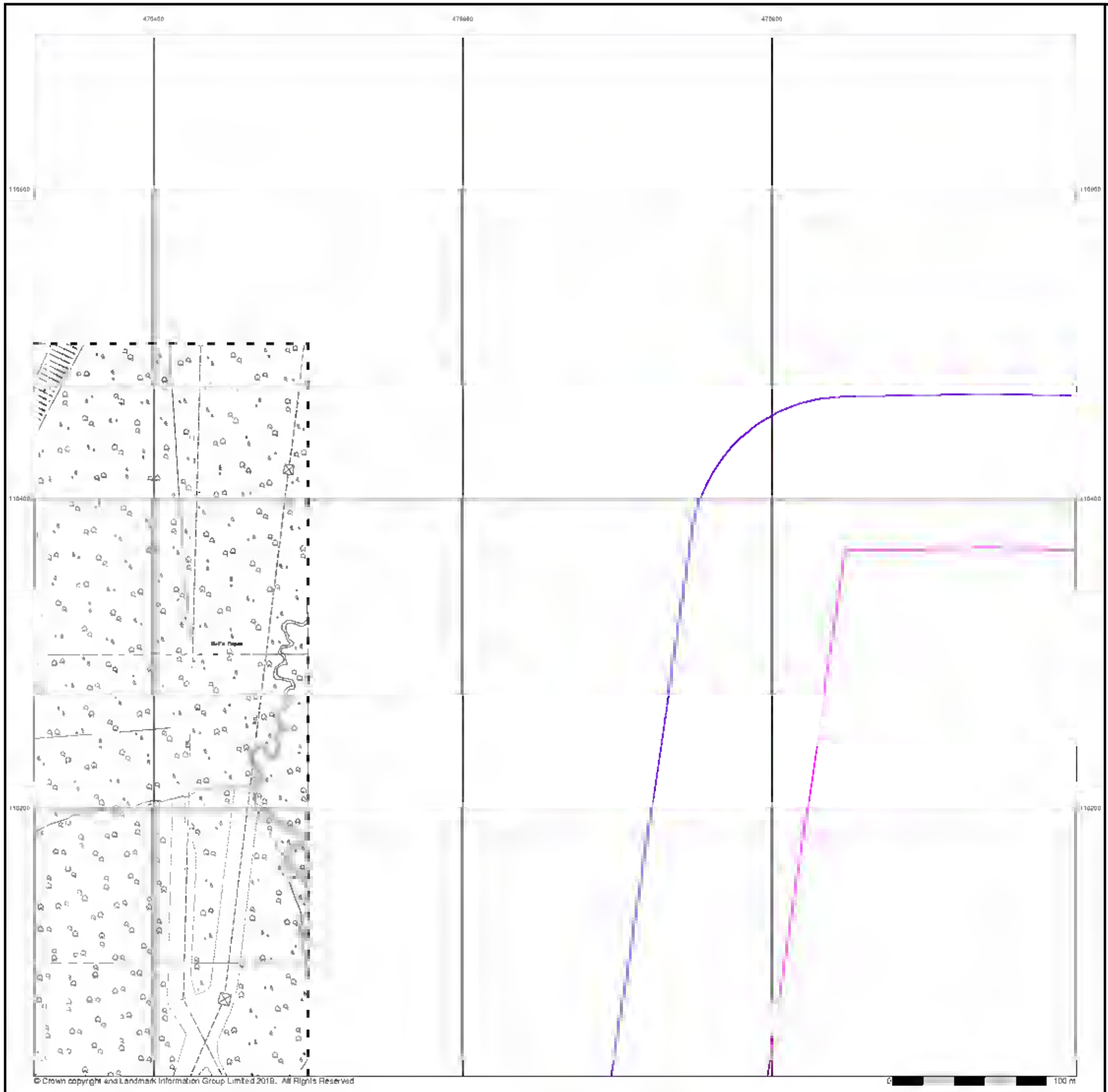
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	100

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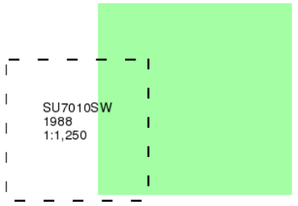
Ordnance Survey Plan

Published 1988

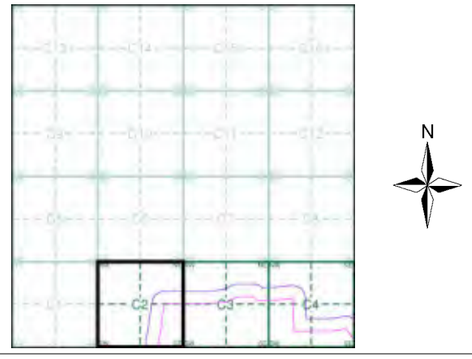
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C2



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
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Site Area (Ha):	172.43
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Site Details

Site at 472000, 110000



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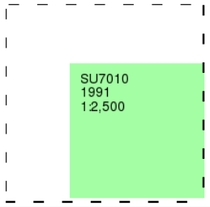
Additional SIMs

Published 1991

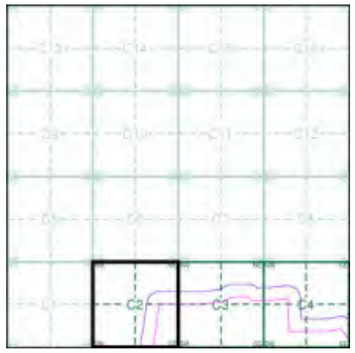
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C2



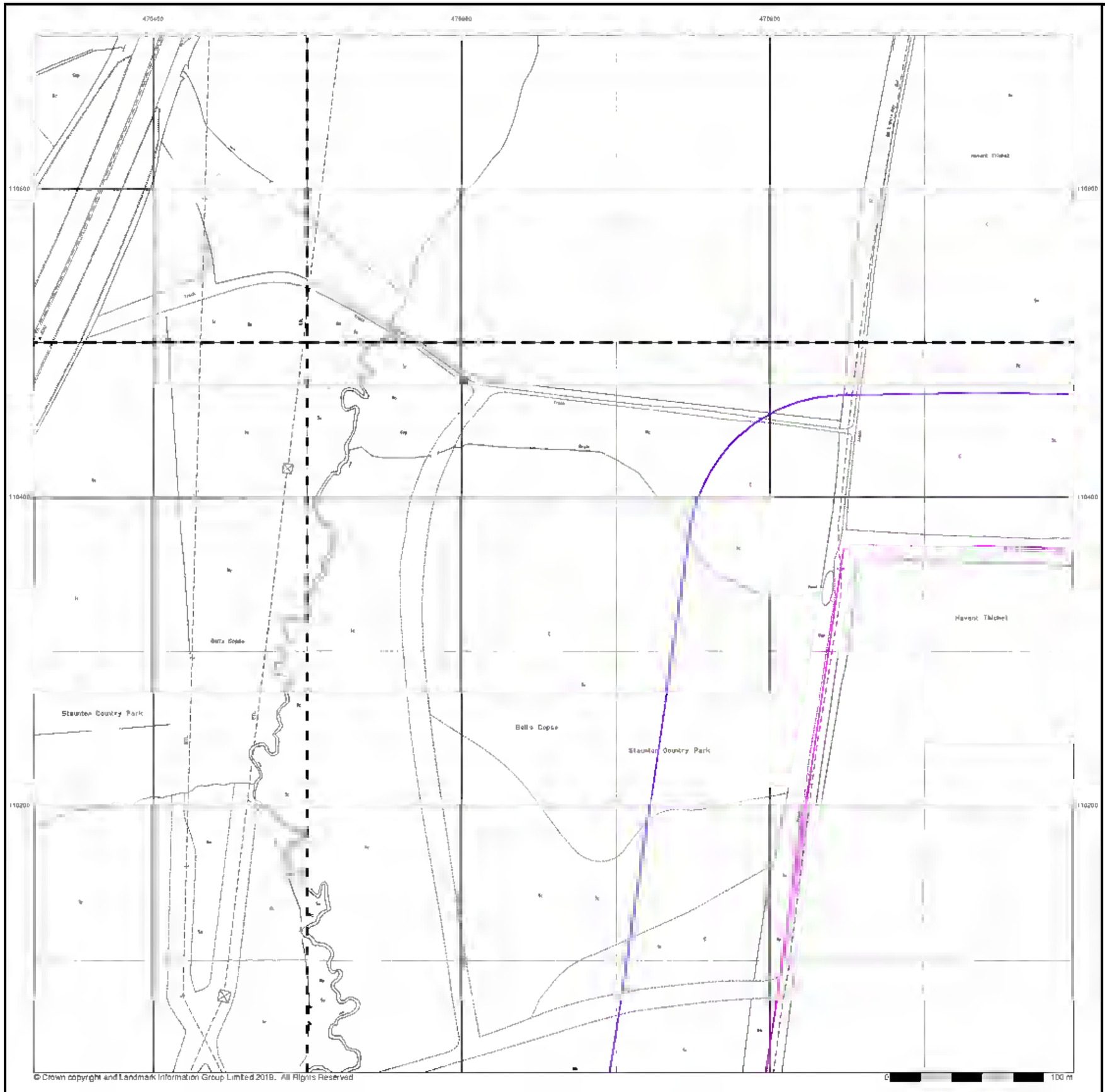
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
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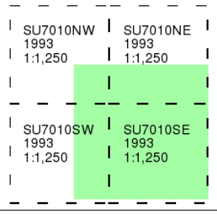
Large-Scale National Grid Data

Published 1993

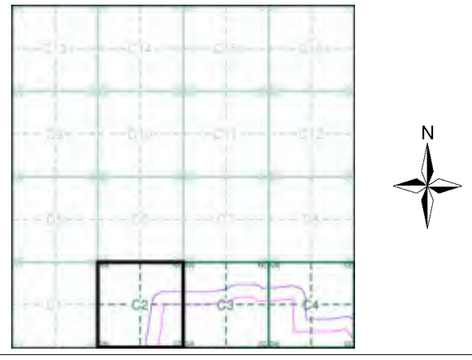
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C2



Order Details

Order Number:	202069335_1_1
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National Grid Reference:	471170, 110670
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Site Area (Ha):	172.43
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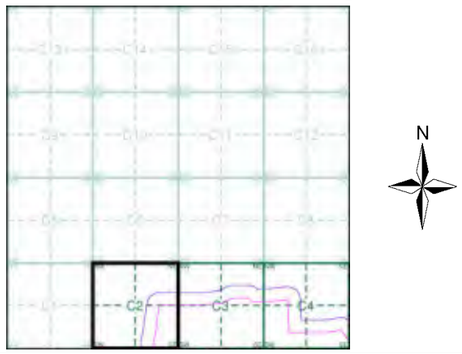
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Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment C2



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	100

Site Details

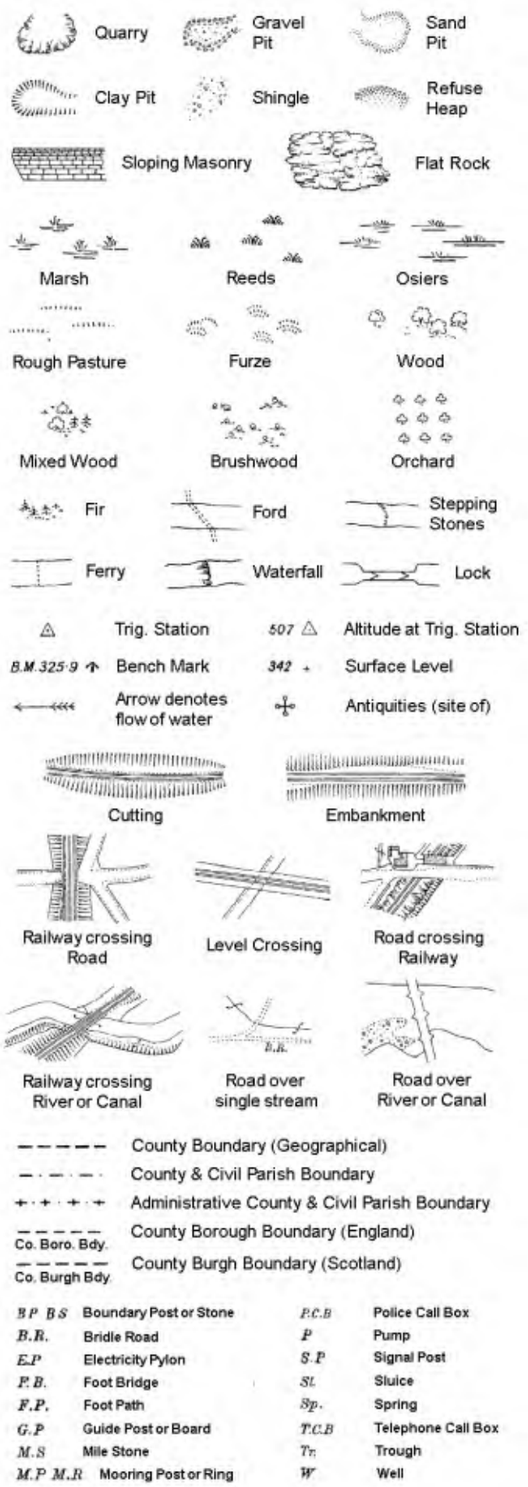
Site at 472000, 110000

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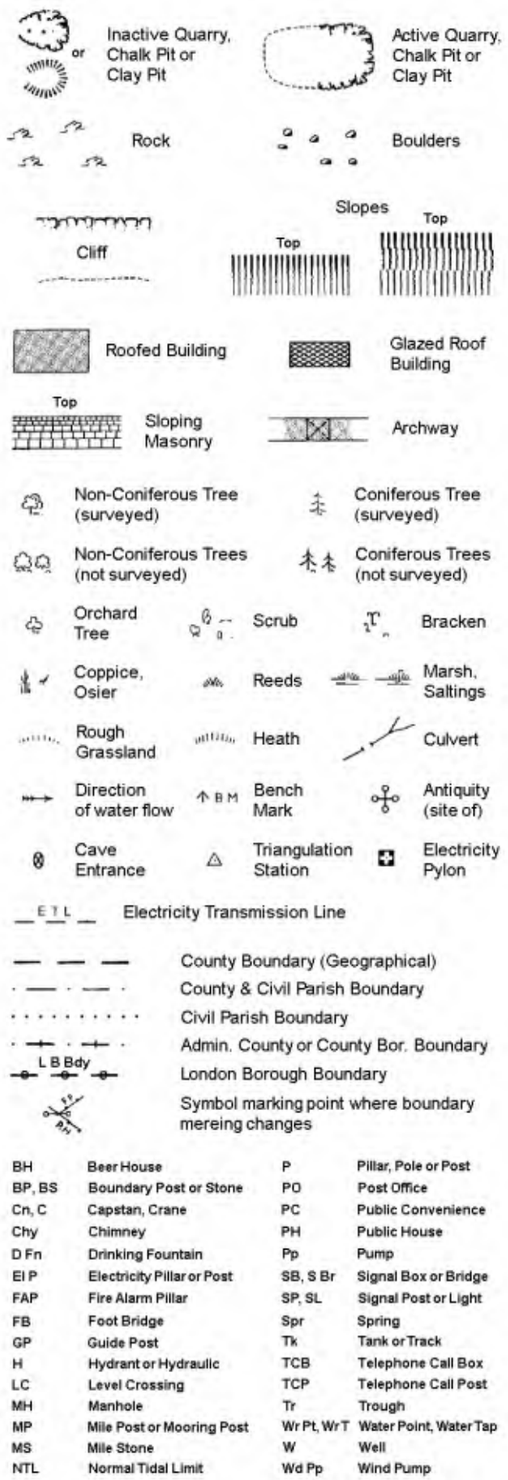
Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



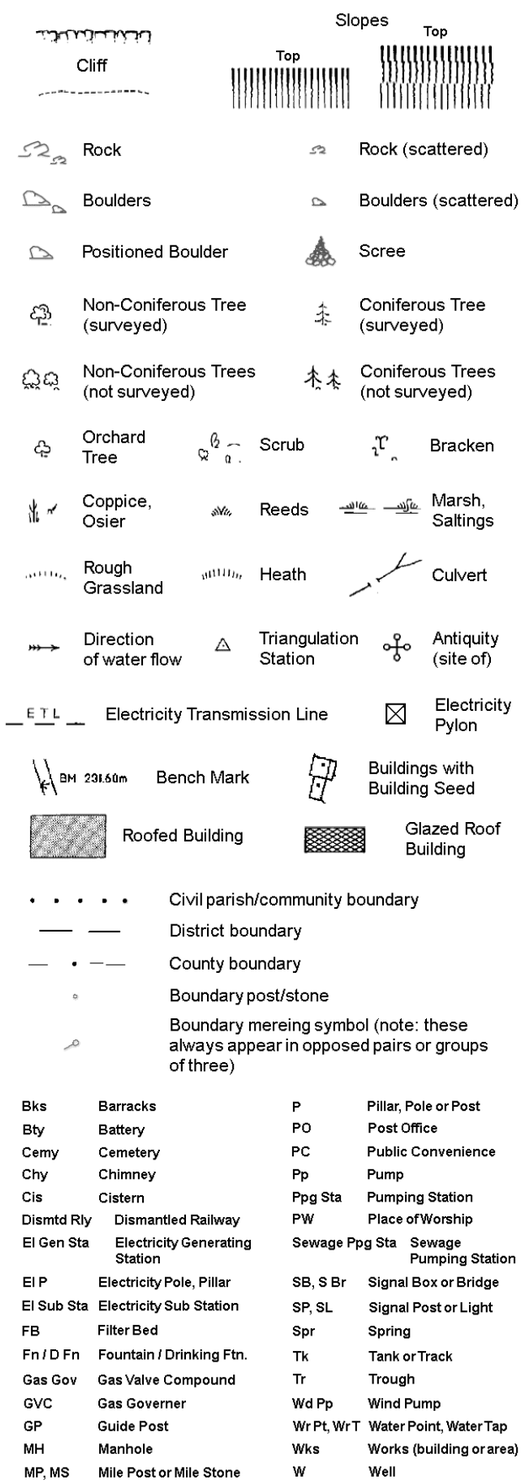
B.P B.S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250



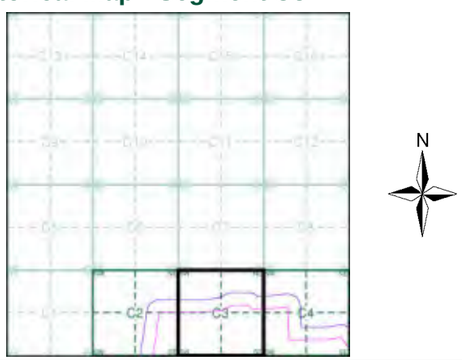
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1878	2
Hampshire & Isle Of Wight	1:2,500	1897	3
Hampshire & Isle Of Wight	1:2,500	1909	4
Hampshire & Isle Of Wight	1:2,500	1932	5
Ordnance Survey Plan	1:2,500	1970	6
Additional SIMs	1:2,500	1981	7
Additional SIMs	1:2,500	1991	8
Large-Scale National Grid Data	1:2,500	1993	9
Large-Scale National Grid Data	1:1,250	1993	10
Historical Aerial Photography	1:2,500	1999	11

Historical Map - Segment C3



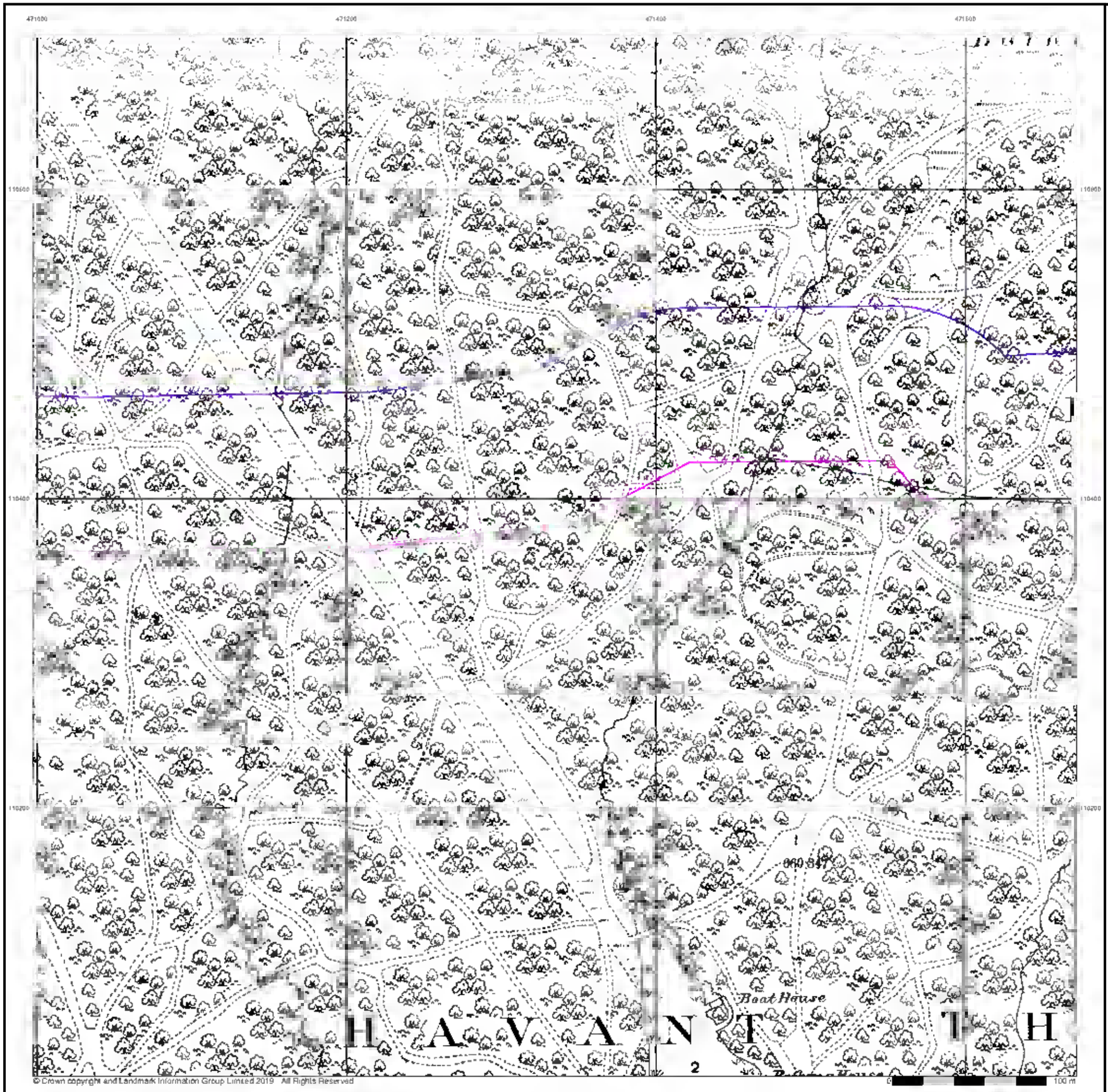
Order Details

Order Number: 202069335_1_1
Customer Ref: 5169117
National Grid Reference: 471170, 110670
Slice: C
Site Area (Ha): 172.43
Search Buffer (m): 100

Site Details

Site at 472000, 110000

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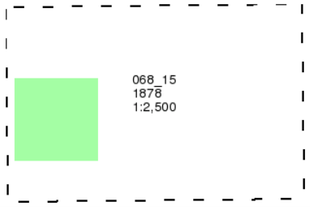
Hampshire & Isle Of Wight

Published 1878

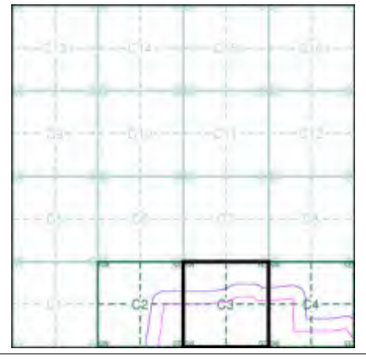
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C3



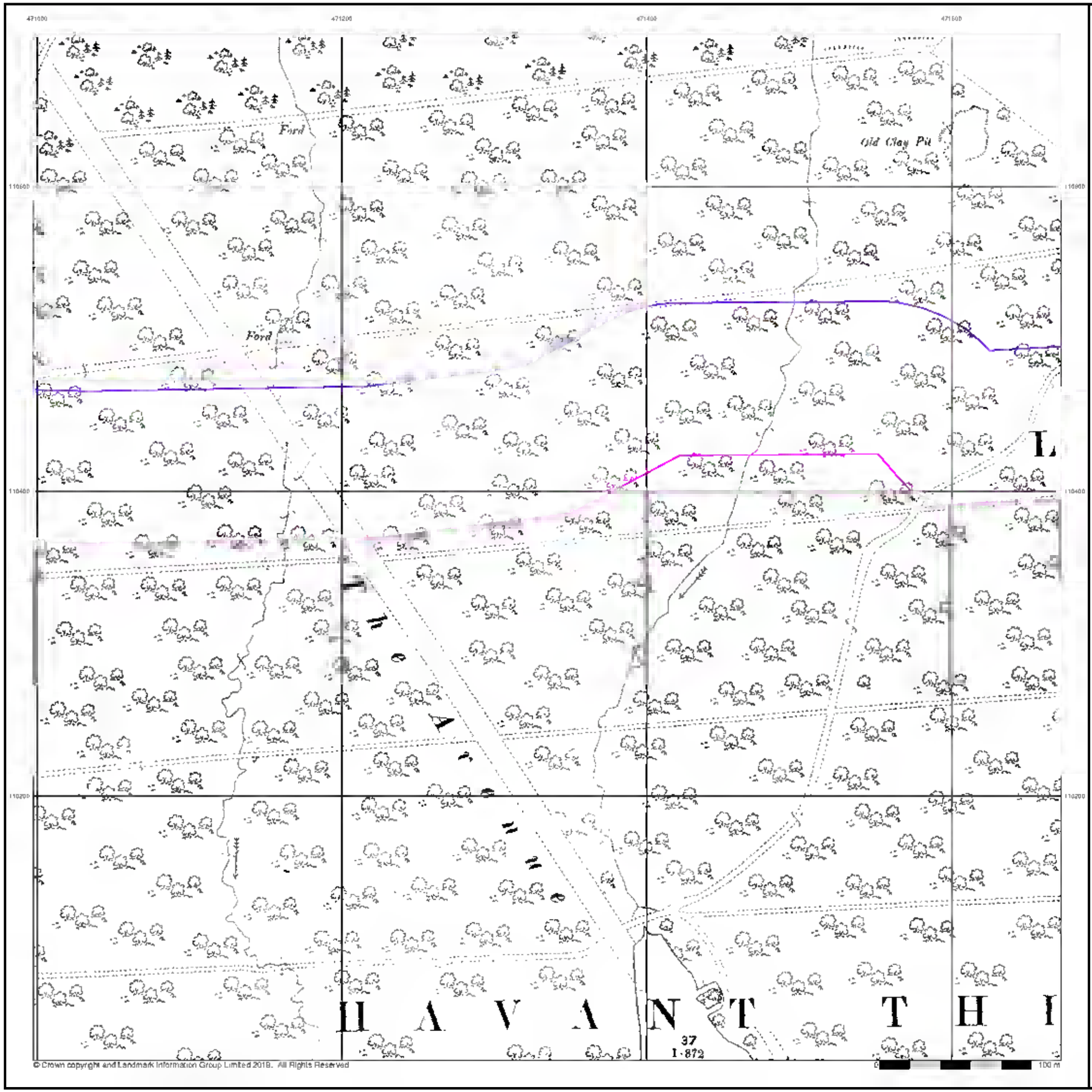
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
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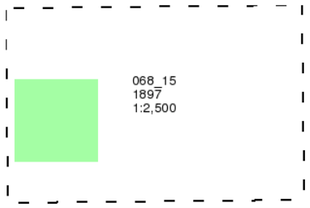
Hampshire & Isle Of Wight

Published 1897

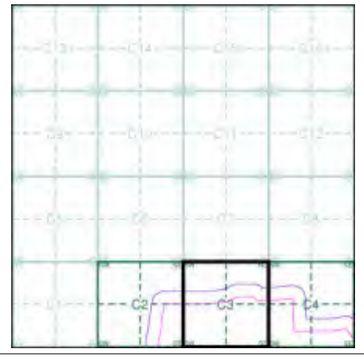
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C3



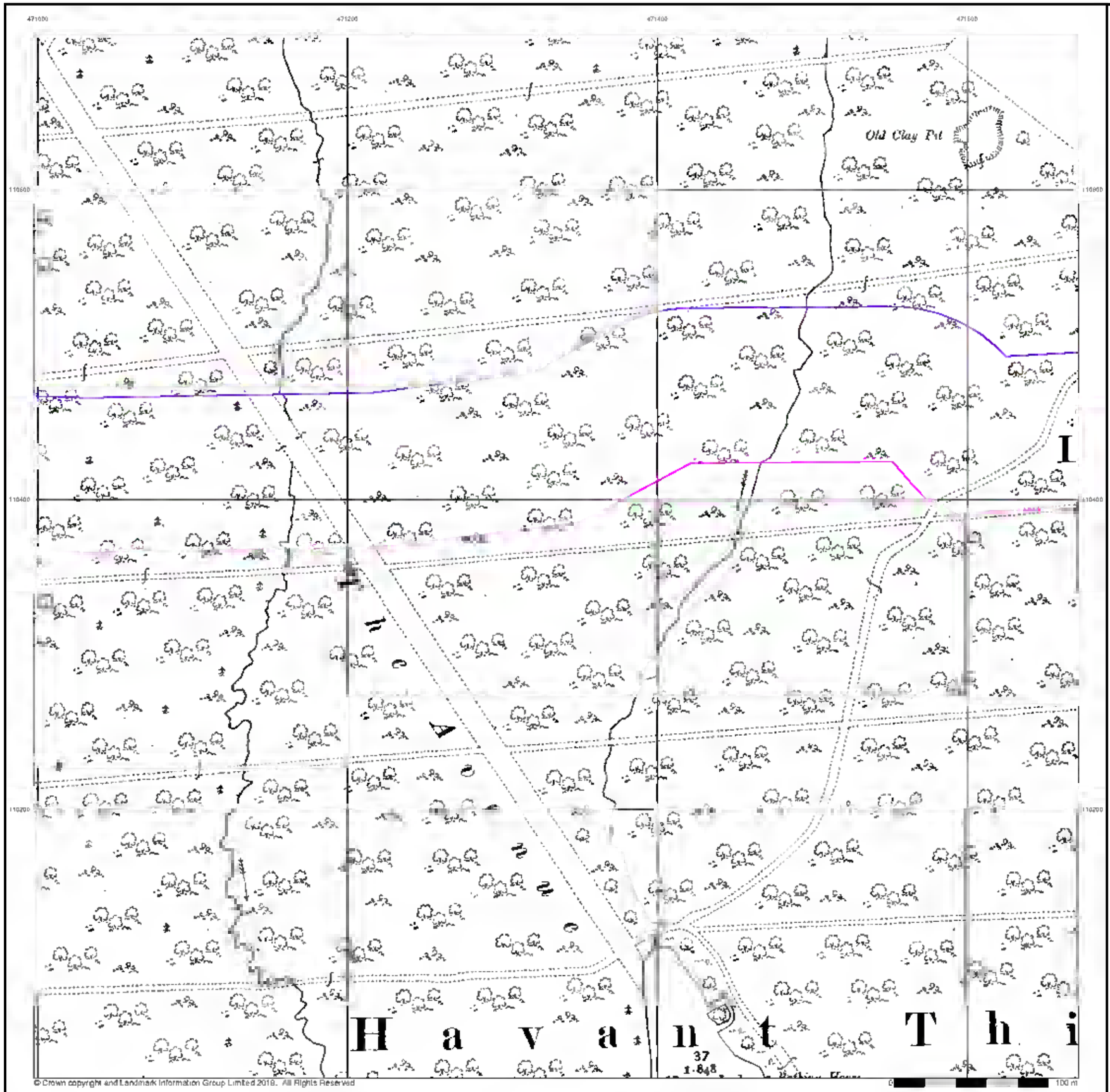
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
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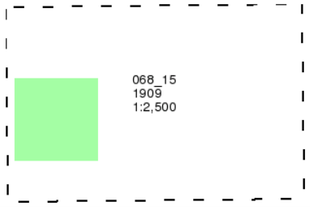
Hampshire & Isle Of Wight

Published 1909

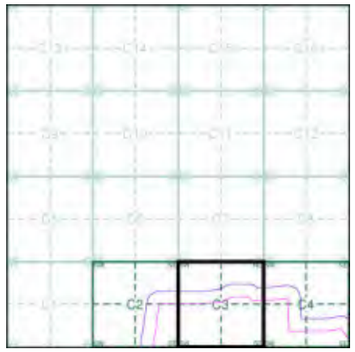
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C3



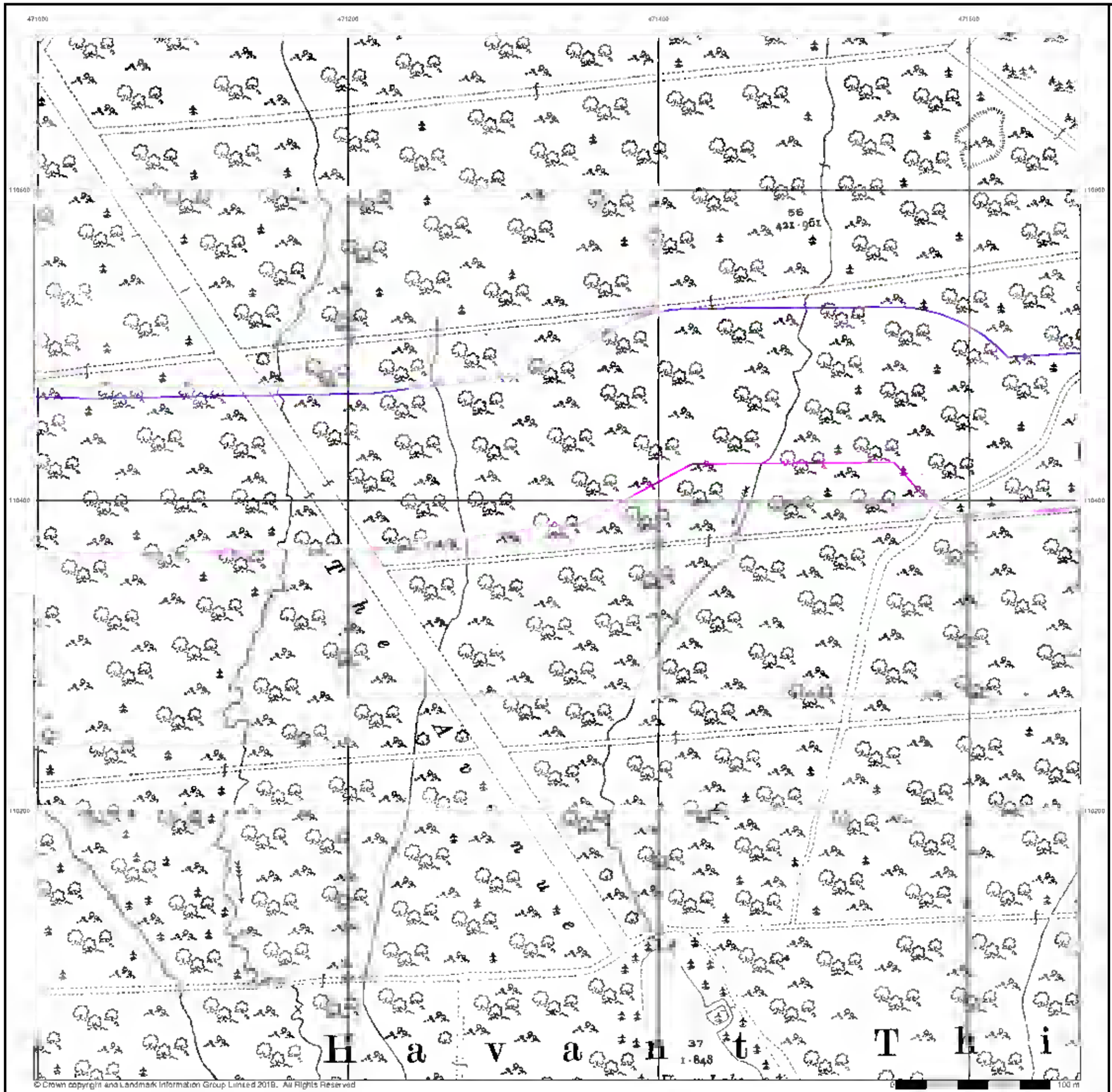
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	100

Site Details

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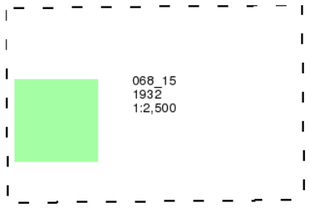
Hampshire & Isle Of Wight

Published 1932

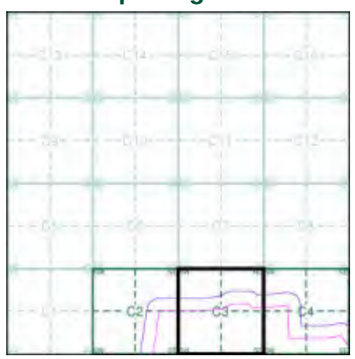
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C3



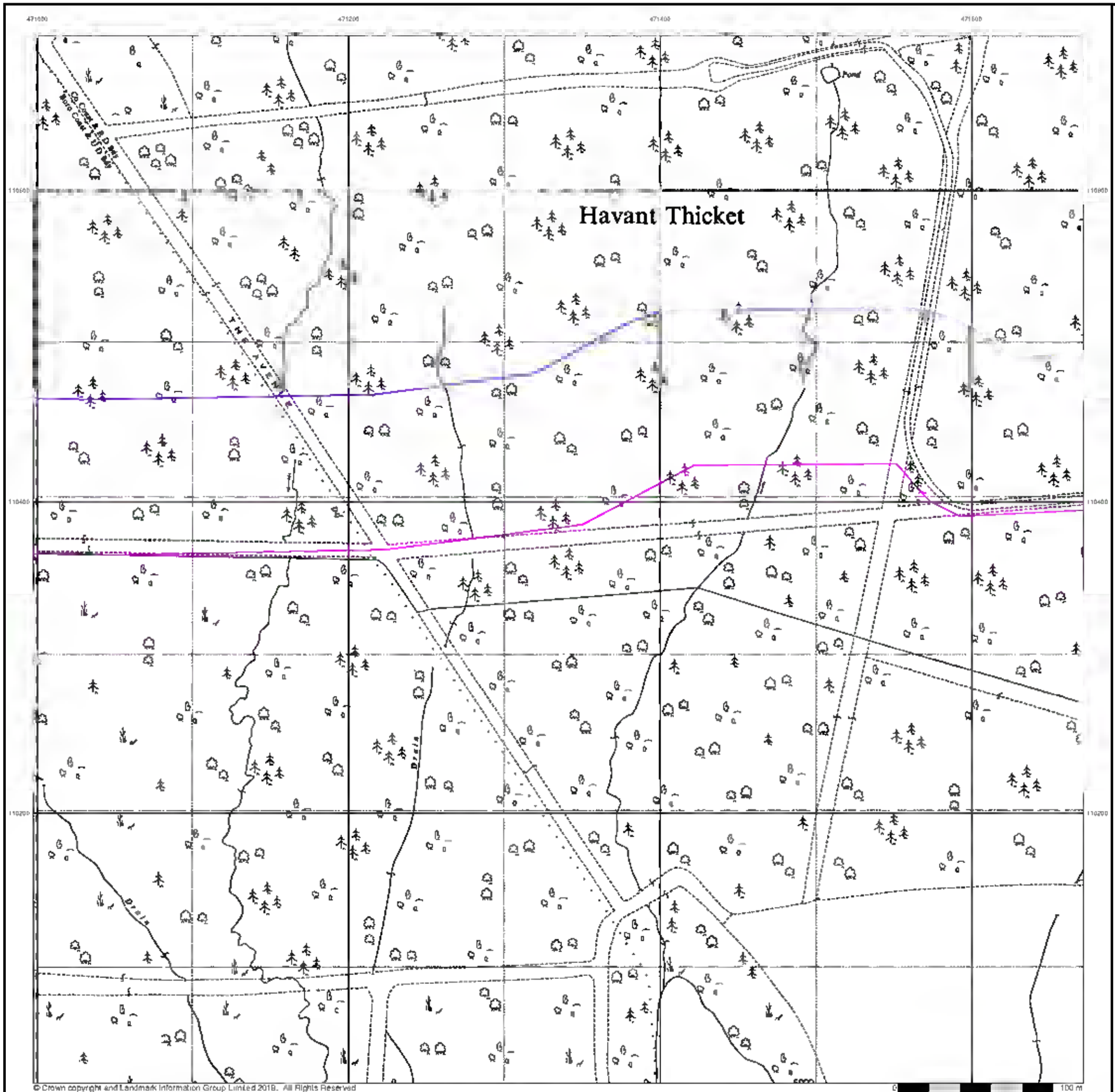
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	100

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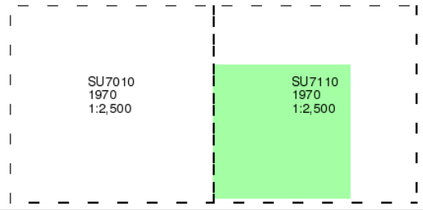
Ordnance Survey Plan

Published 1970

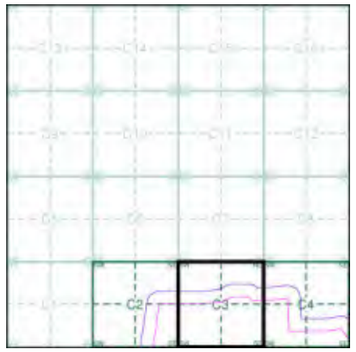
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C3



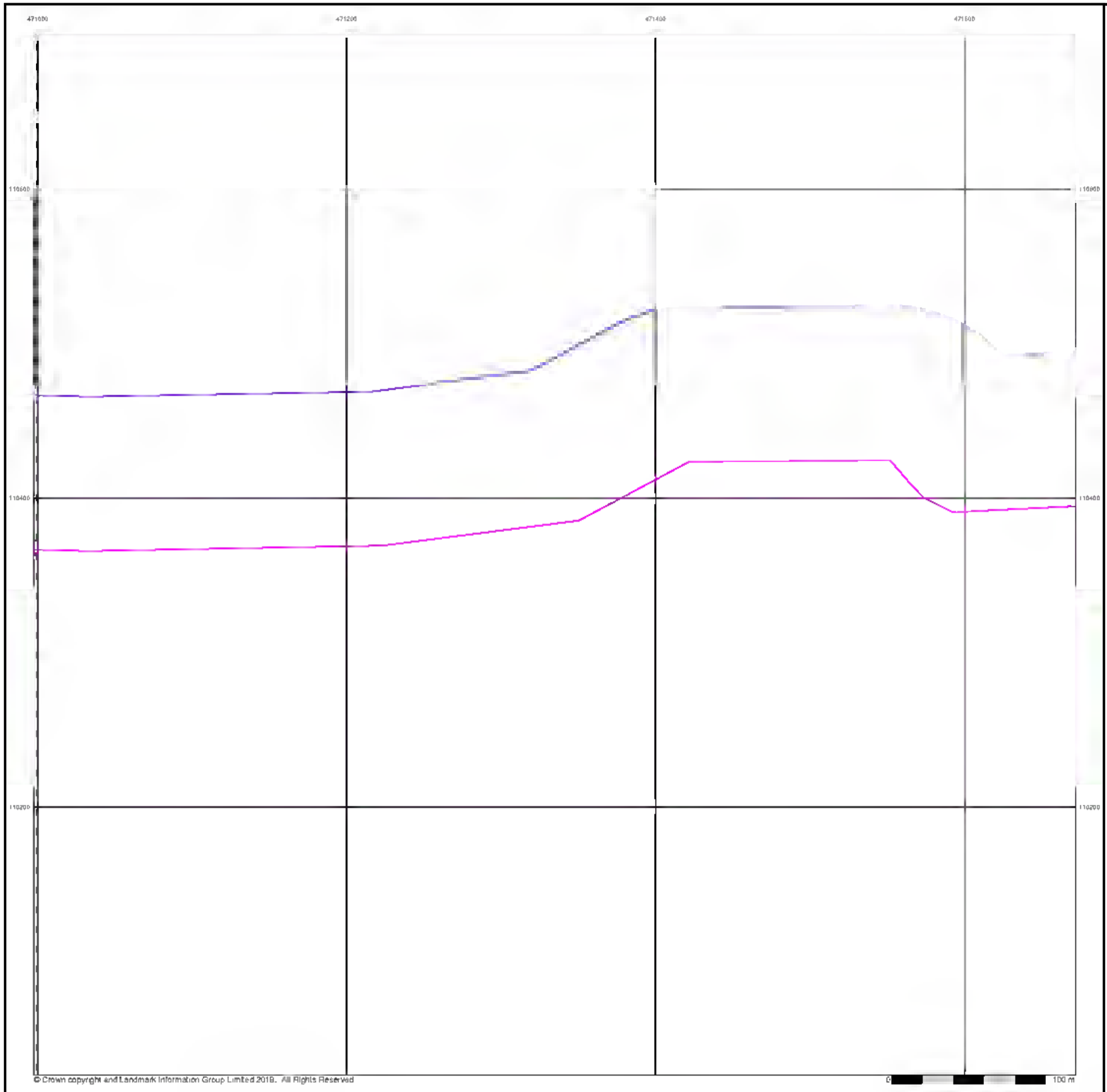
Order Details

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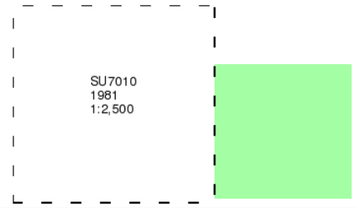
Additional SIMs

Published 1981

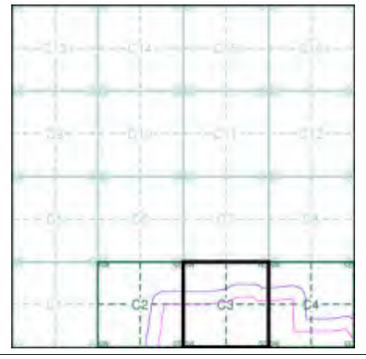
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C3



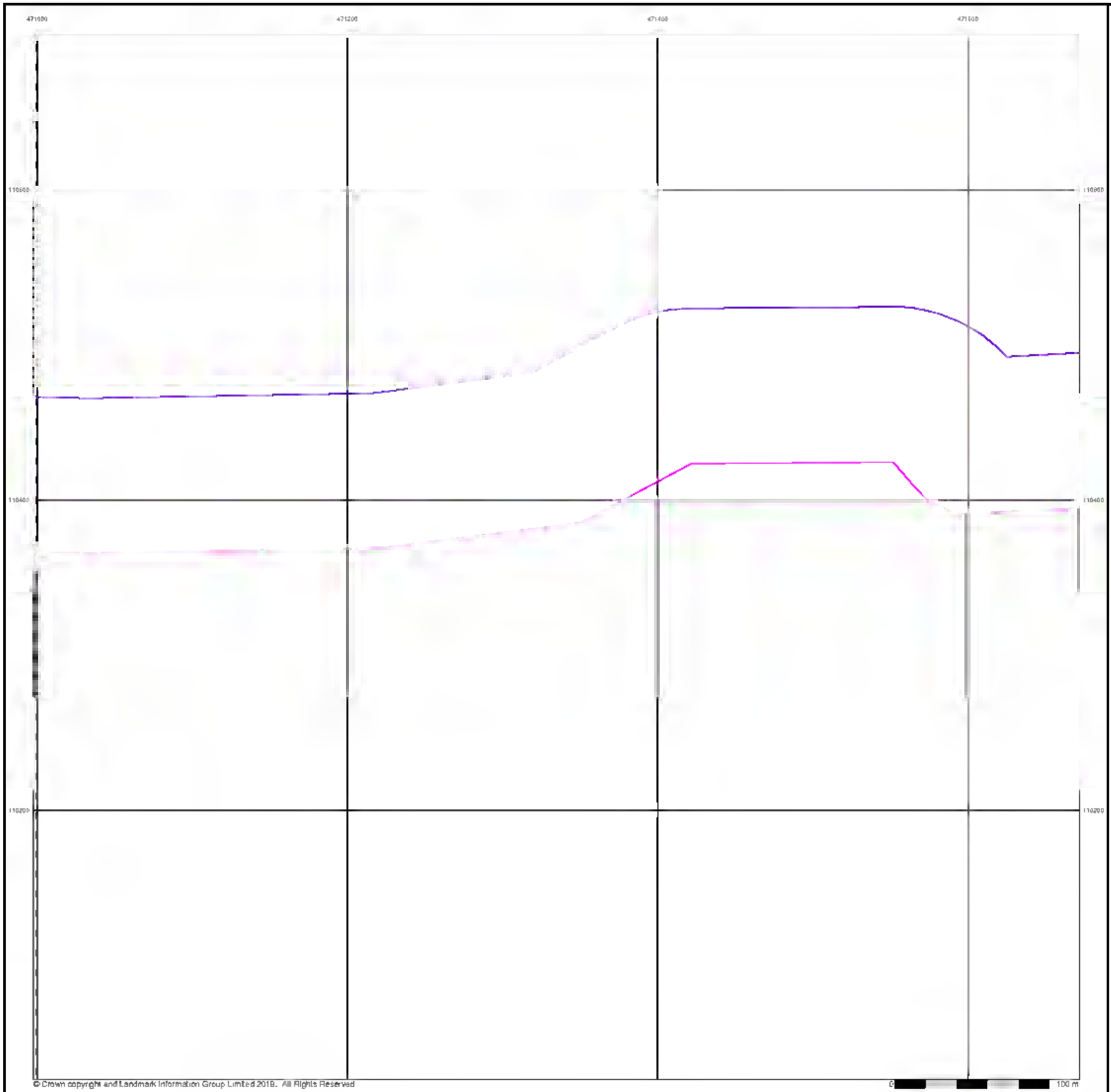
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	100

Site Details

Site at 472000, 110000

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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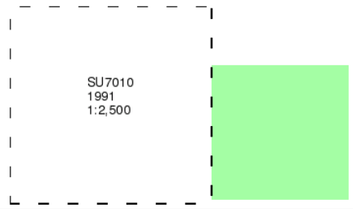
Additional SIMs

Published 1991

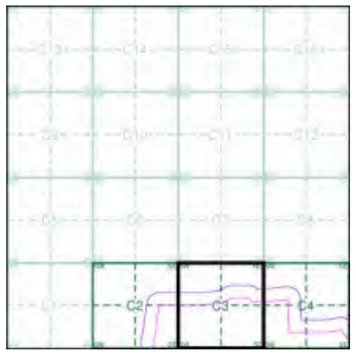
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C3



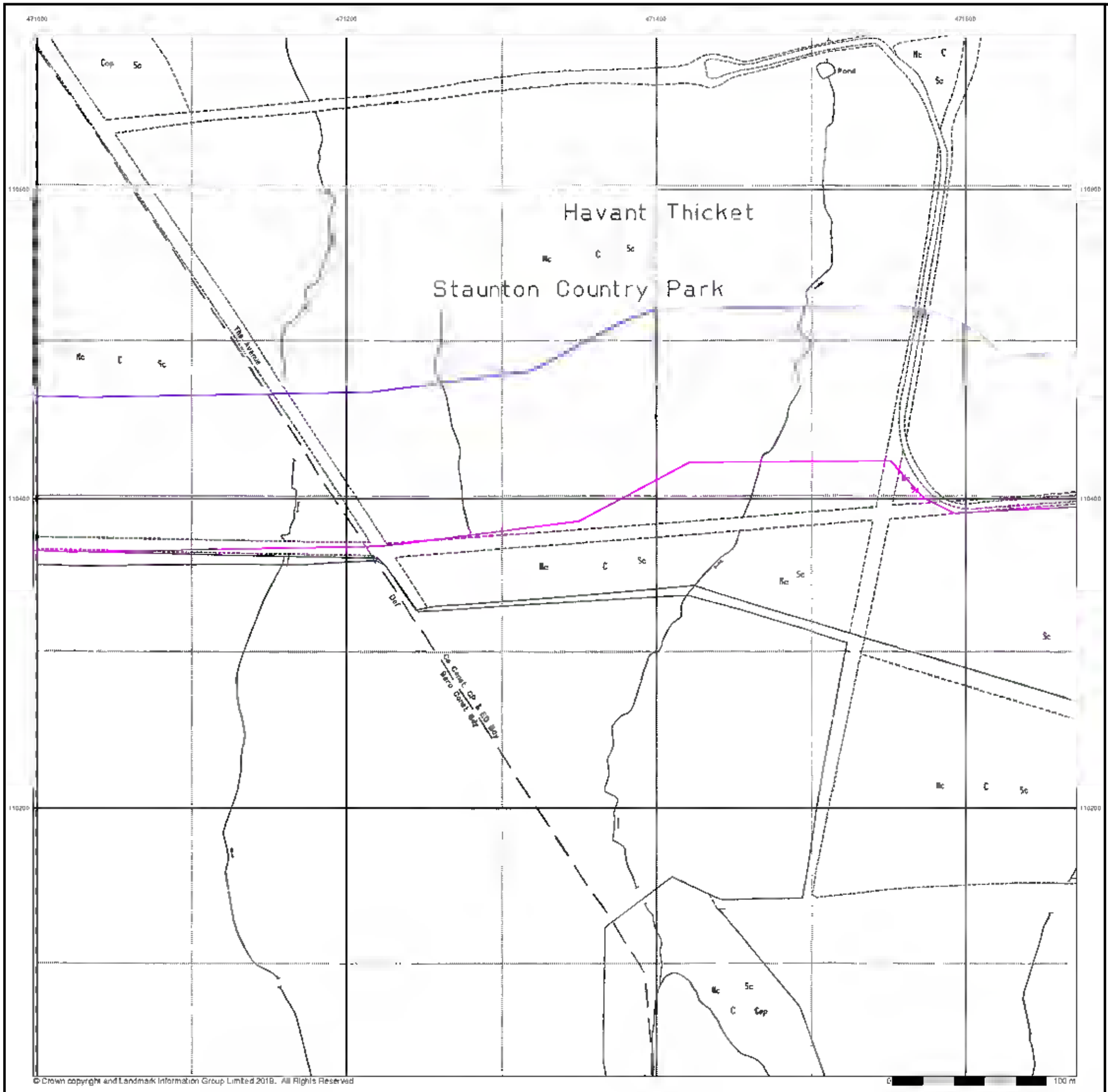
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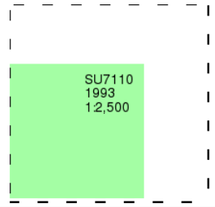
Large-Scale National Grid Data

Published 1993

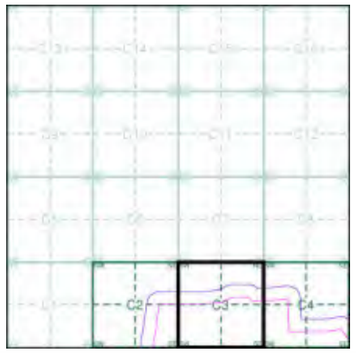
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C3



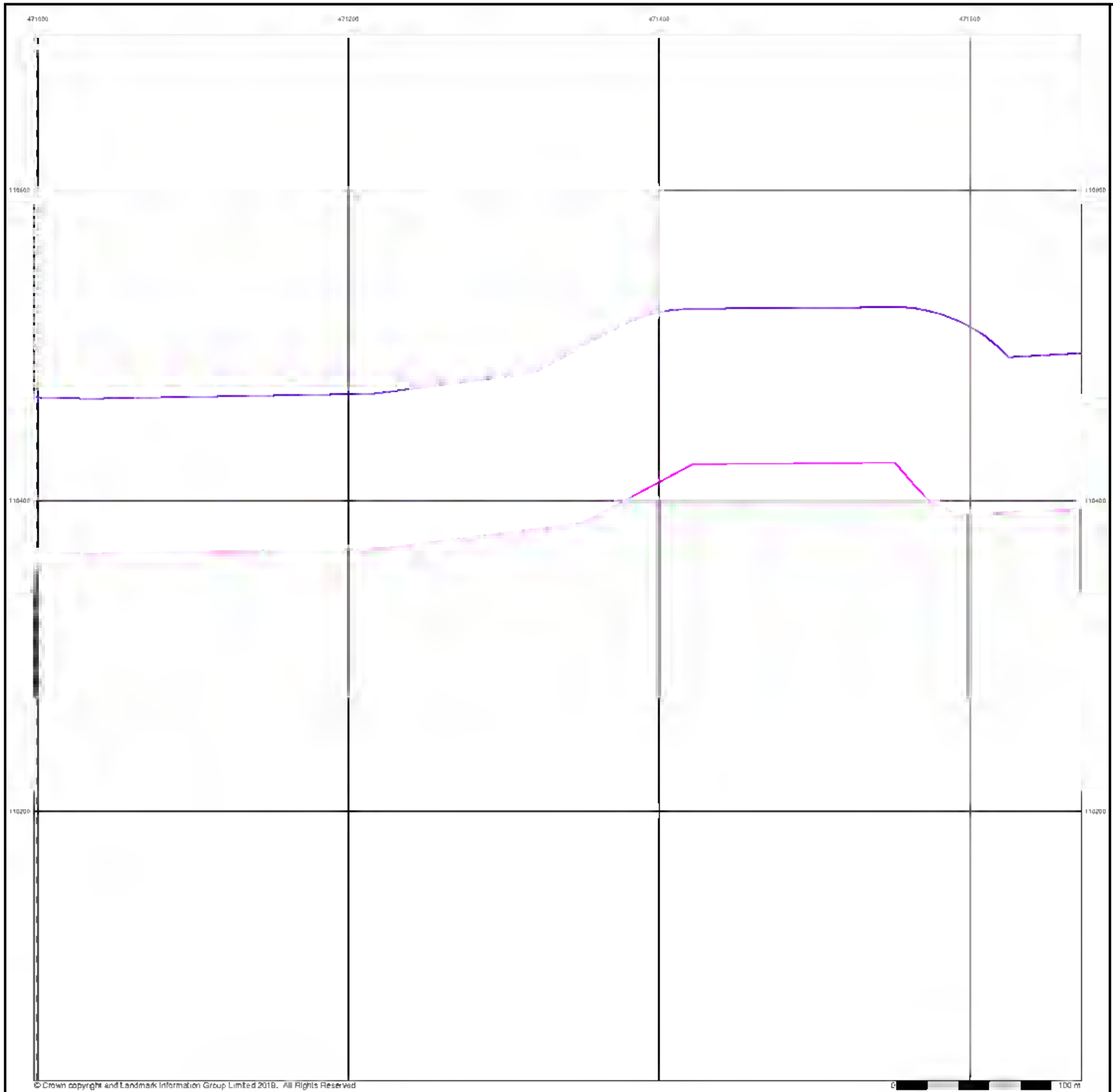
Order Details

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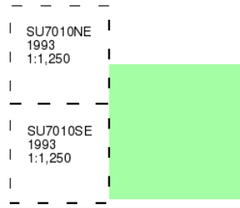
Large-Scale National Grid Data

Published 1993

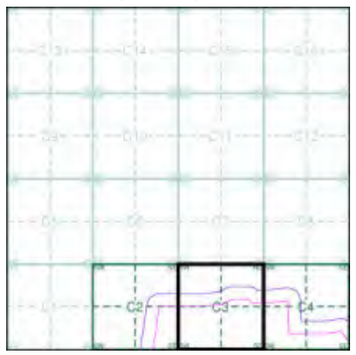
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C3



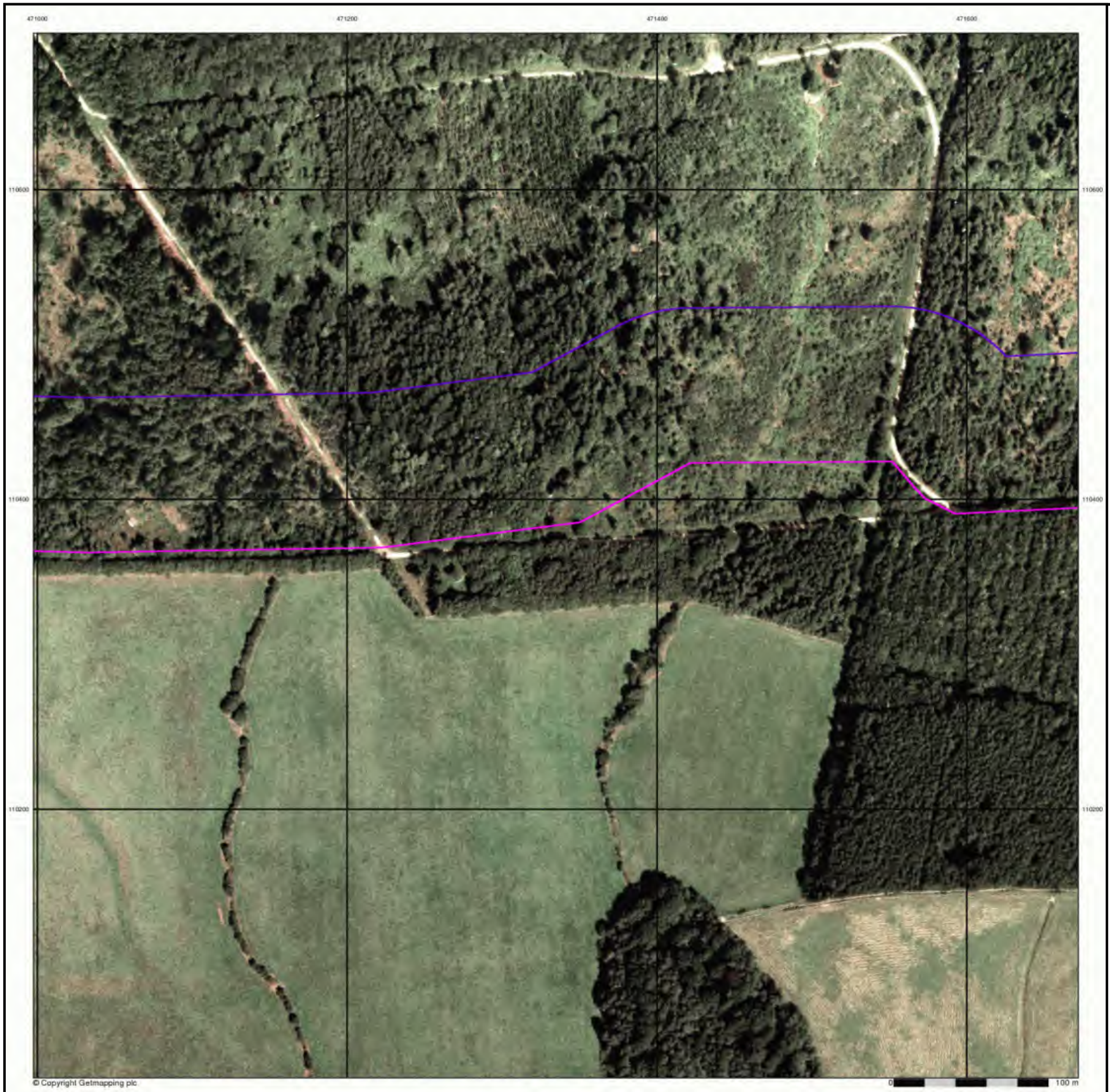
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
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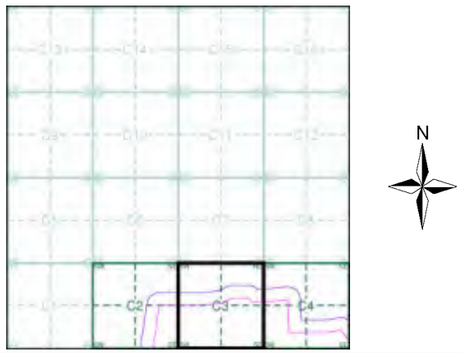
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Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment C3



Order Details

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Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	100

Site Details

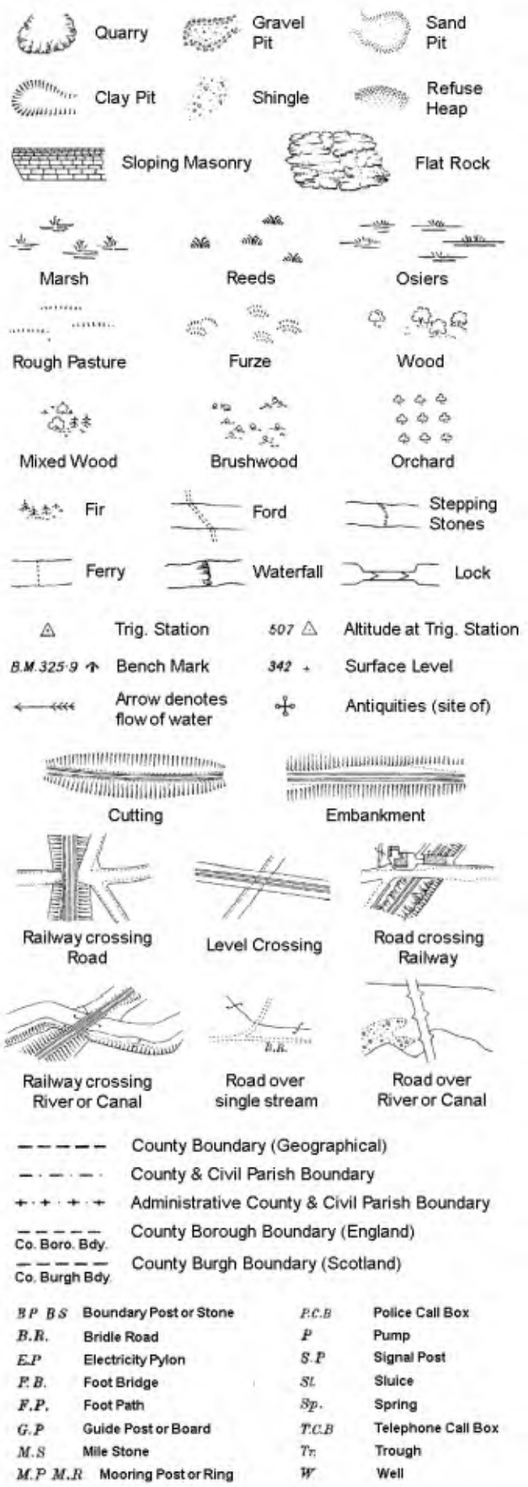
Site at 472000, 110000

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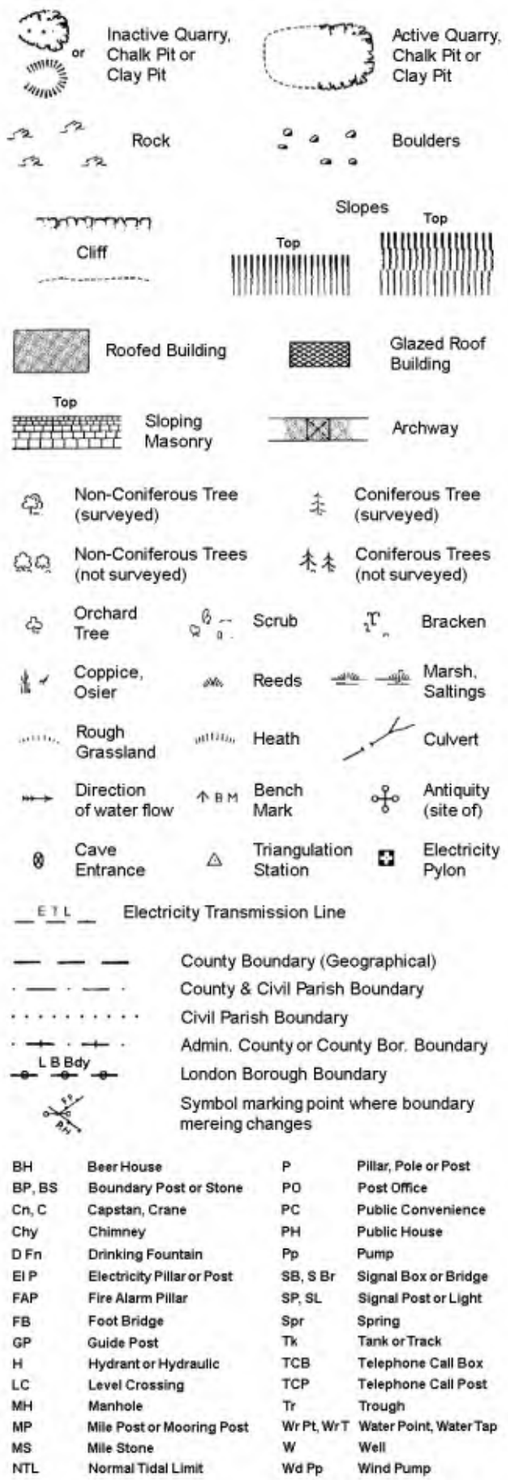
Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



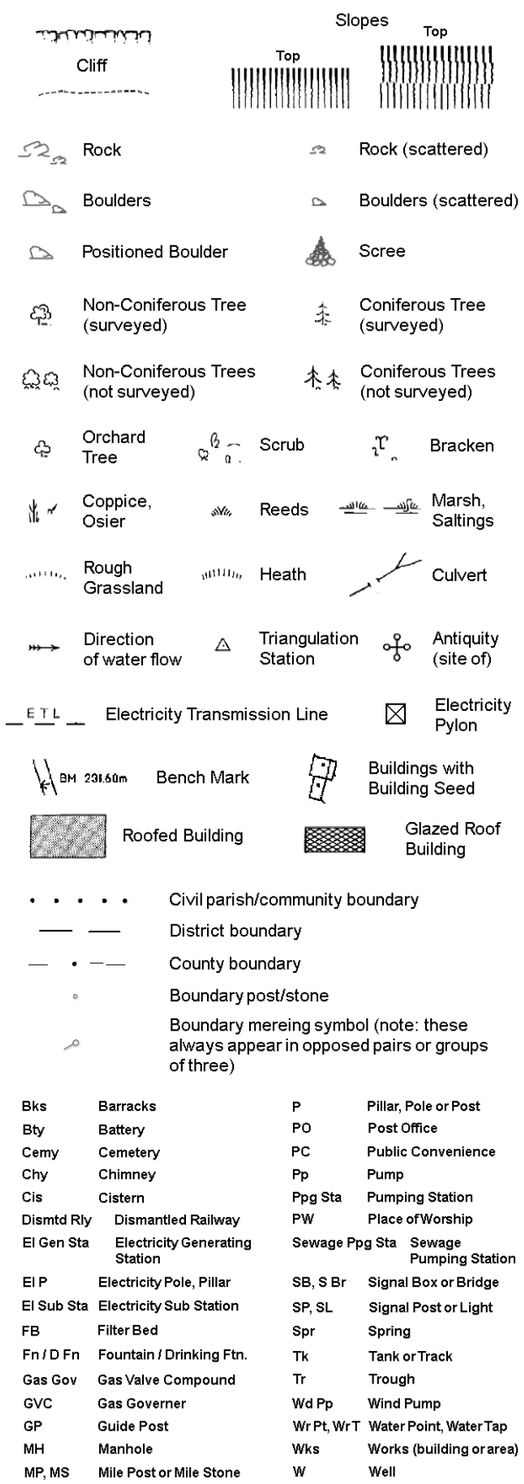
B.P B.S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250



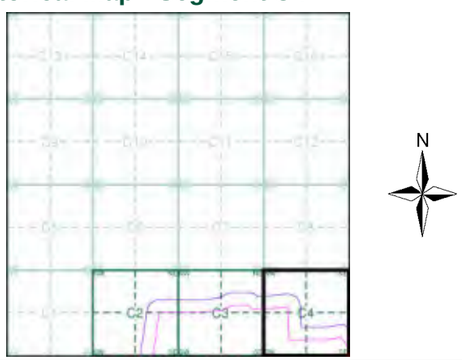
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1878	2
Hampshire & Isle Of Wight	1:2,500	1897	3
Hampshire & Isle Of Wight	1:2,500	1909	4
Hampshire & Isle Of Wight	1:2,500	1932	5
Ordnance Survey Plan	1:2,500	1970	6
Supply of Unpublished Survey Information	1:2,500	1973	7
Additional SIMs	1:2,500	1984	8
Additional SIMs	1:2,500	1989	9
Additional SIMs	1:2,500	1991	10
Large-Scale National Grid Data	1:2,500	1993	11
Historical Aerial Photography	1:2,500	1999	12

Historical Map - Segment C4



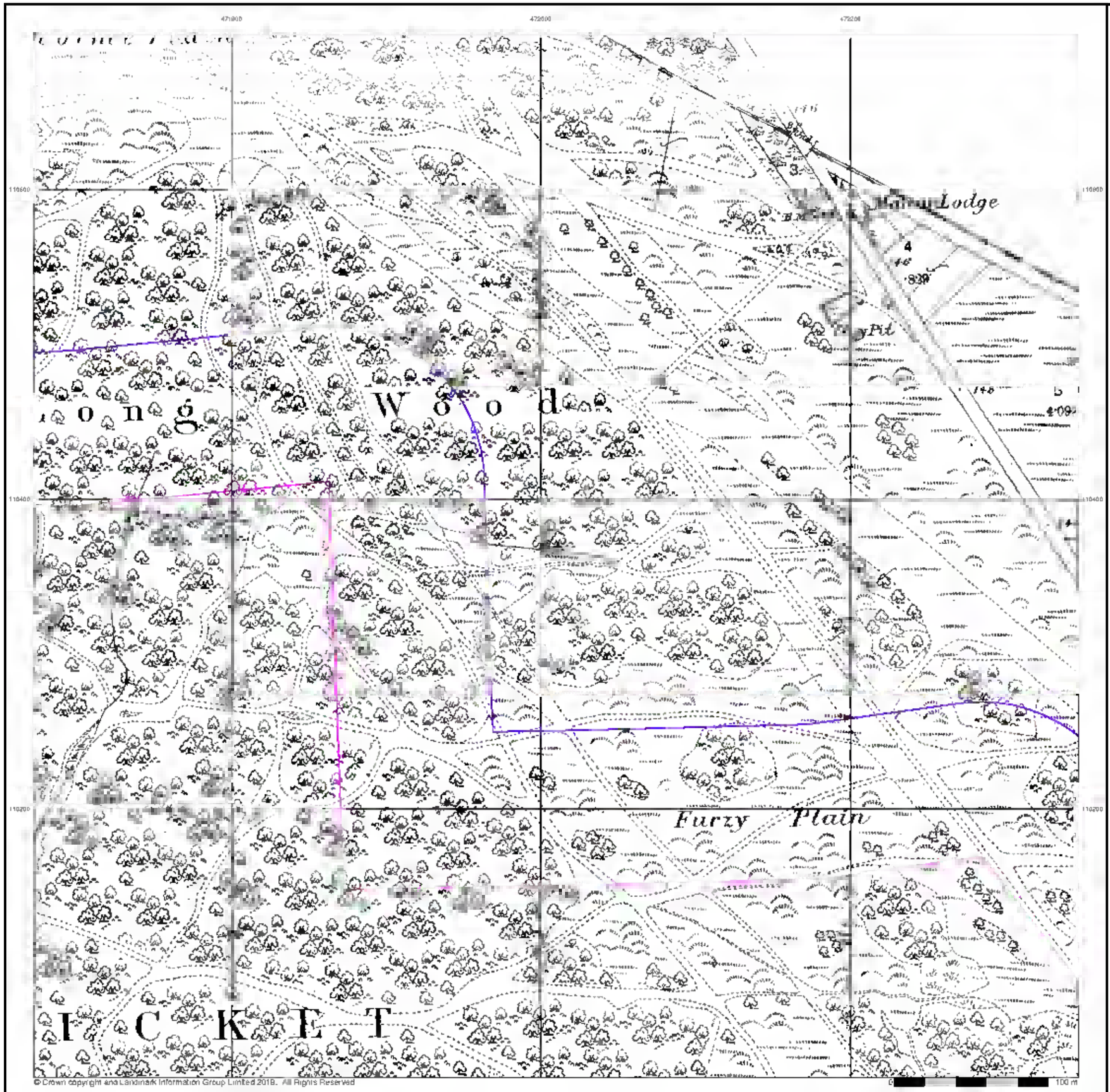
Order Details

Order Number: 202069335_1_1
Customer Ref: 5169117
National Grid Reference: 471170, 110670
Slice: C
Site Area (Ha): 172.43
Search Buffer (m): 100

Site Details

Site at 472000, 110000

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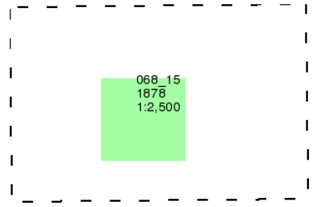
Hampshire & Isle Of Wight

Published 1878

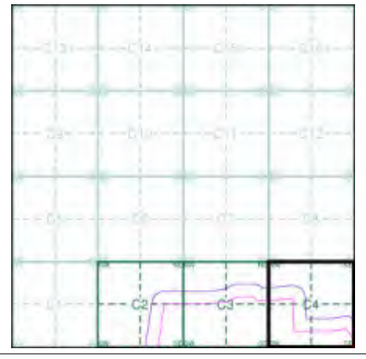
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C4



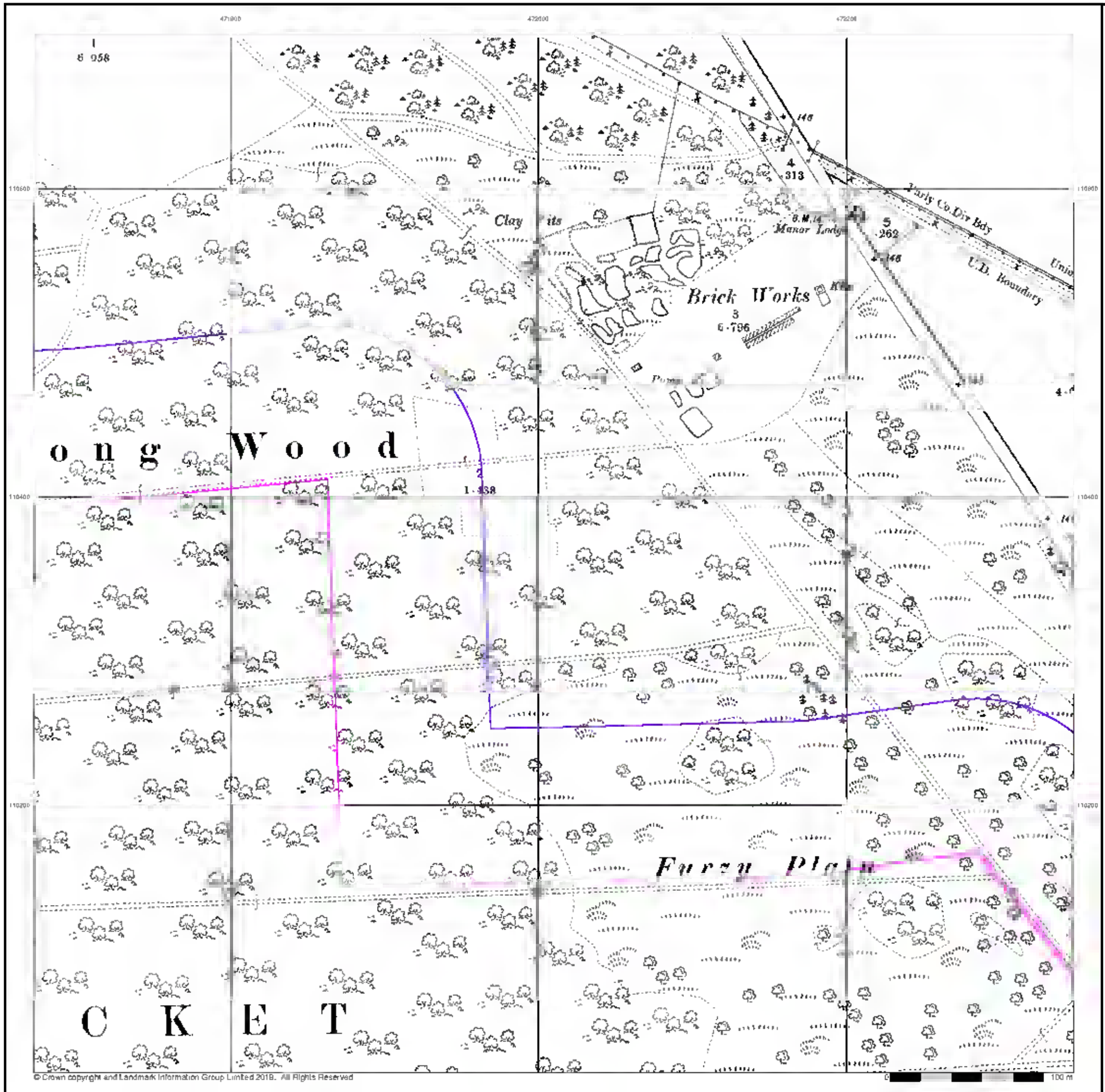
Order Details

Order Number:	202069335_1_1
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Slice:	C
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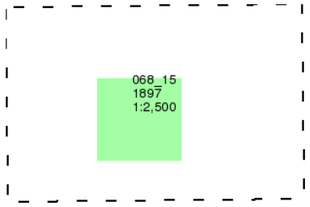
Hampshire & Isle Of Wight

Published 1897

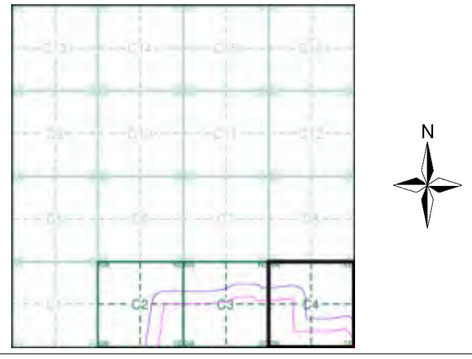
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment C4



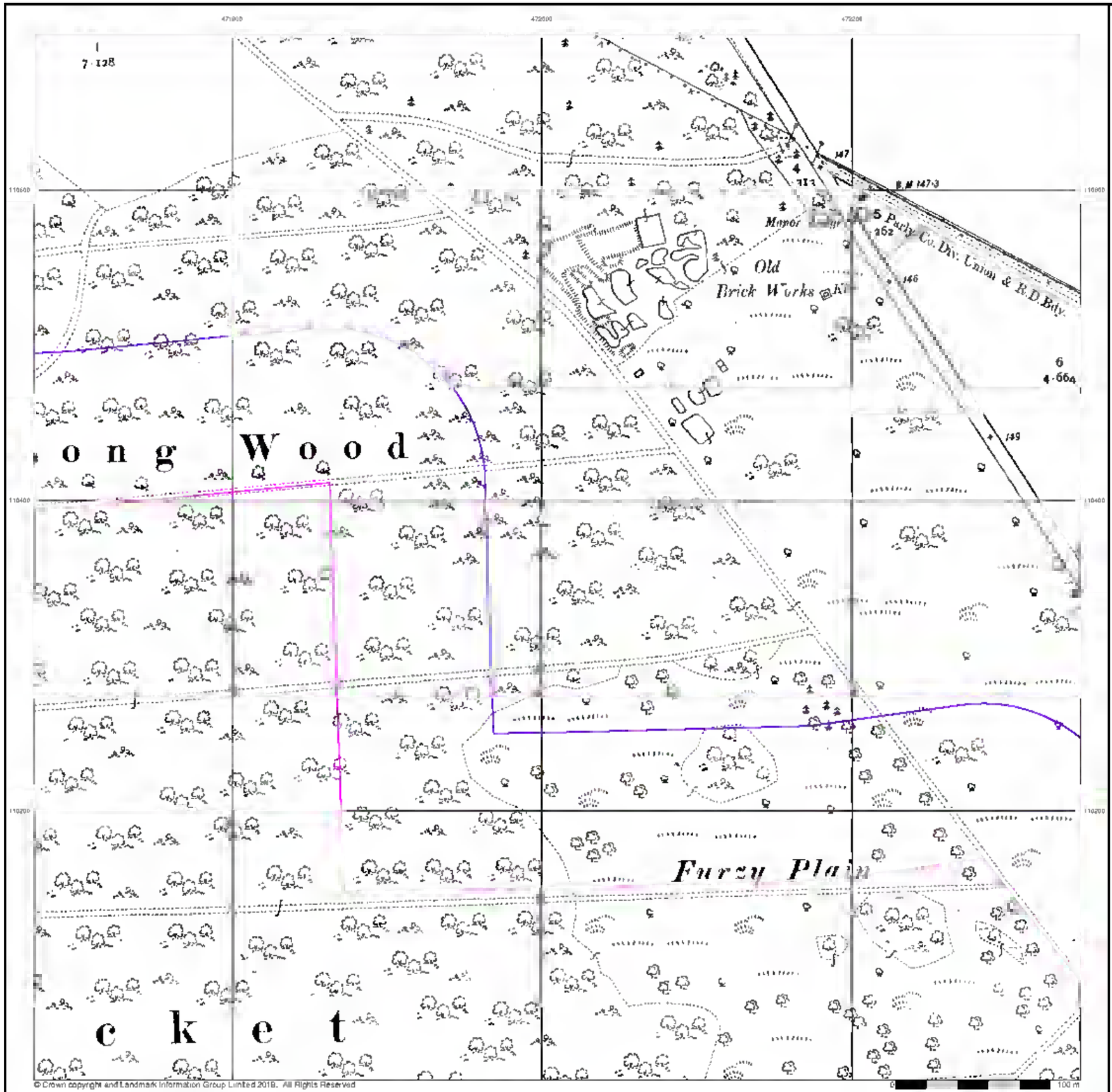
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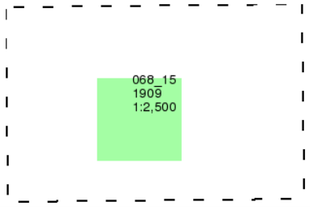
Hampshire & Isle Of Wight

Published 1909

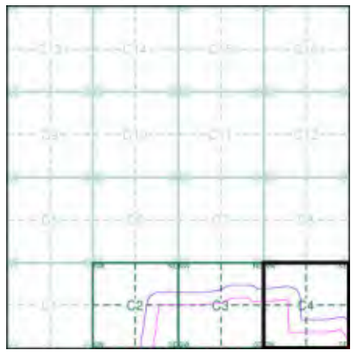
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C4



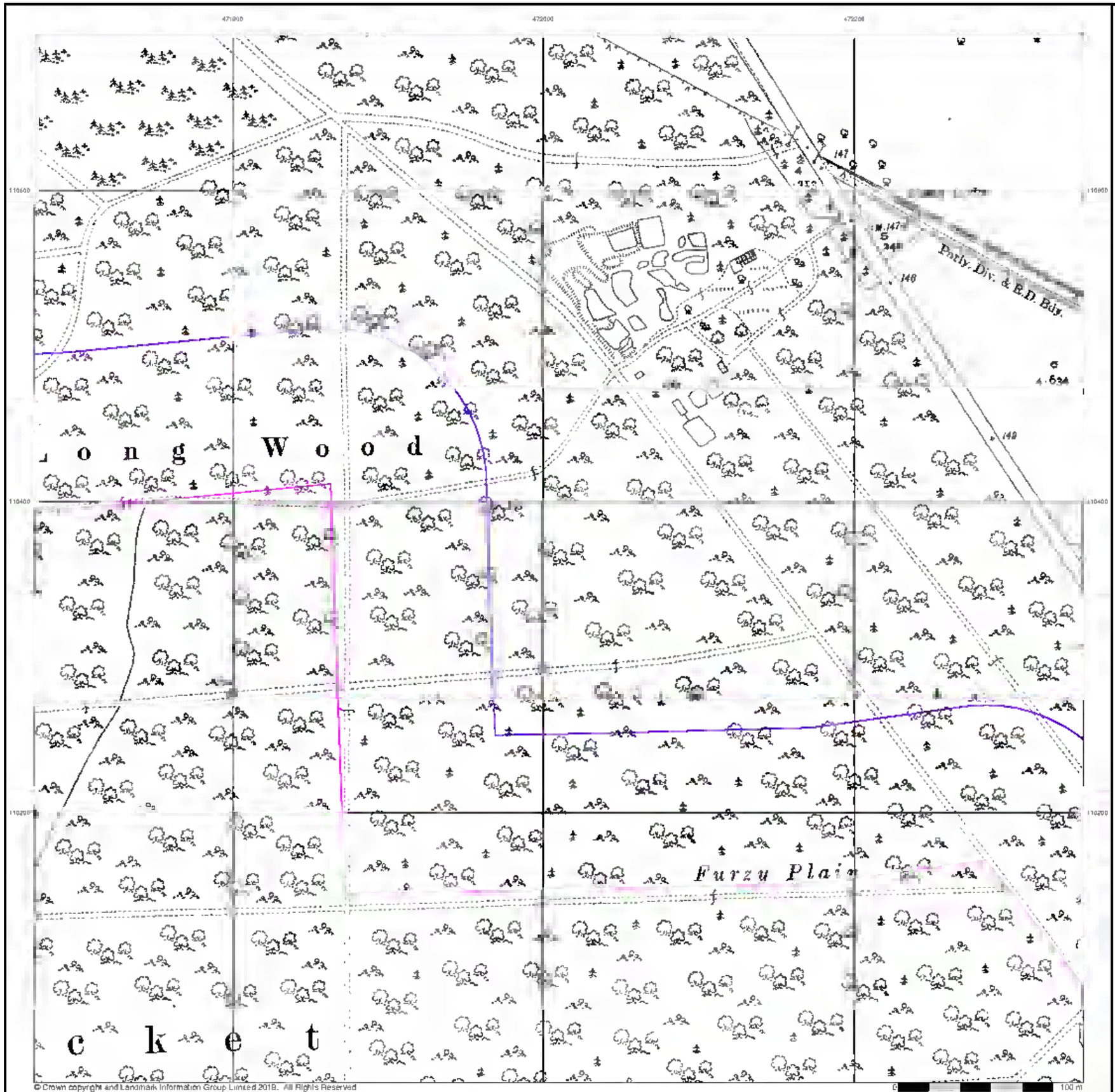
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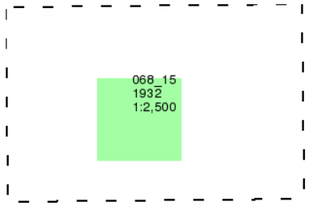
Hampshire & Isle Of Wight

Published 1932

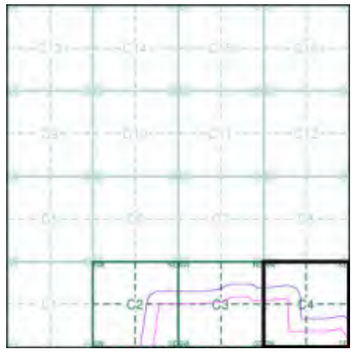
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment C4



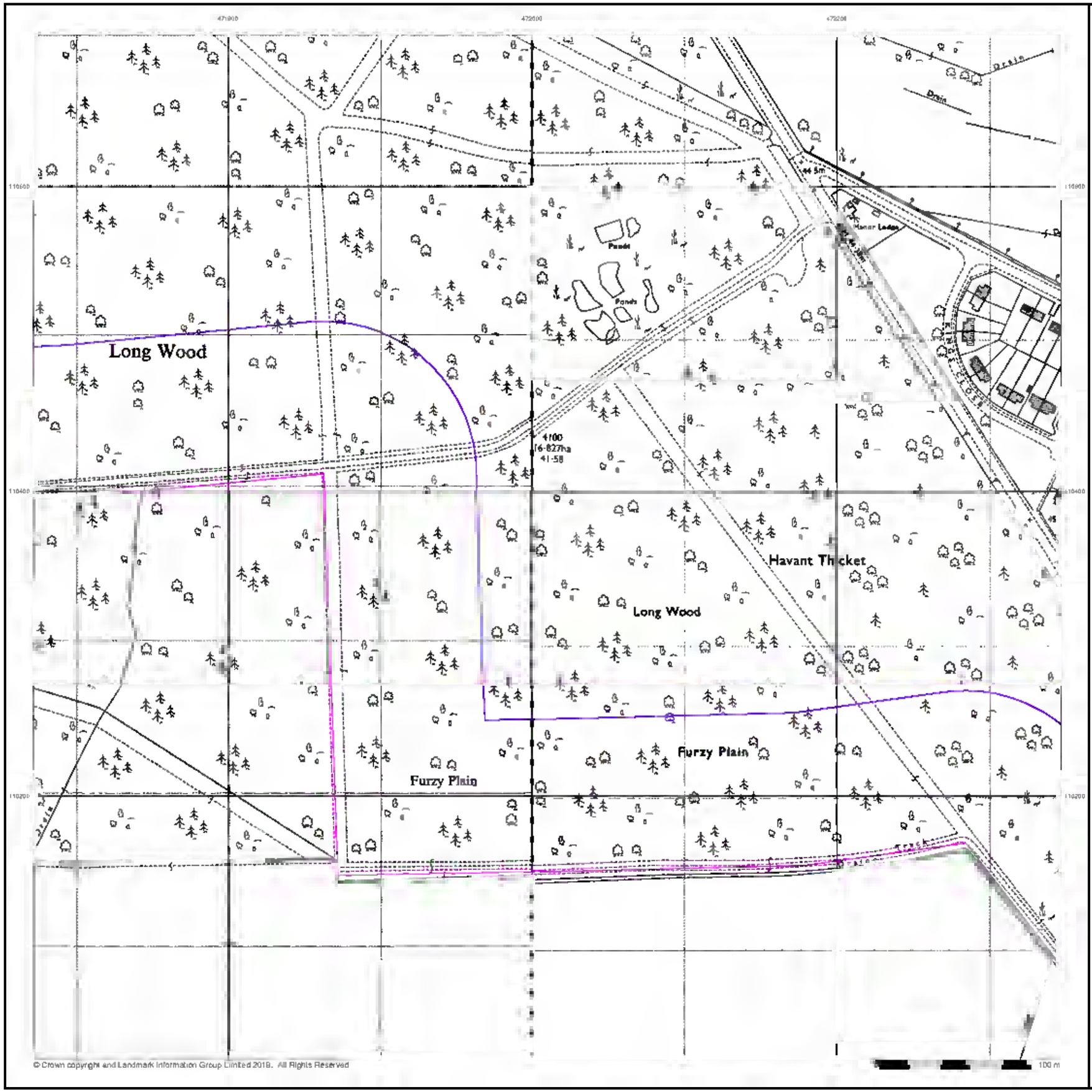
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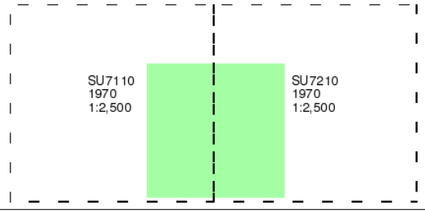
Ordnance Survey Plan

Published 1970

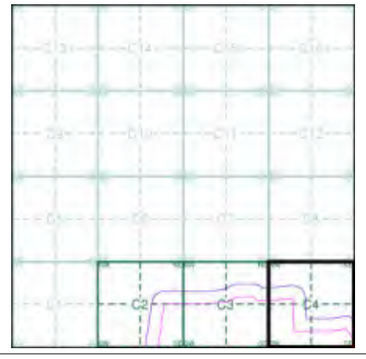
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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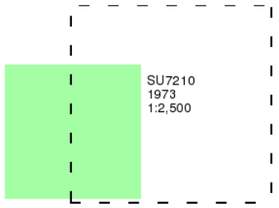
Supply of Unpublished Survey Information

Published 1973

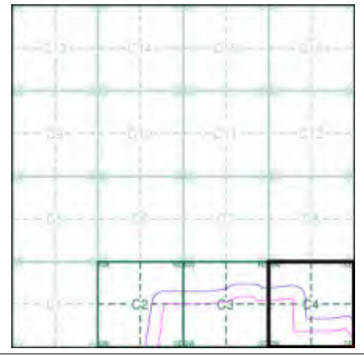
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C4



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	100

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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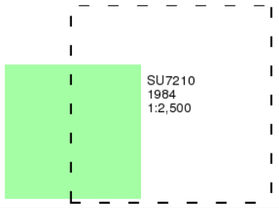
Additional SIMs

Published 1984

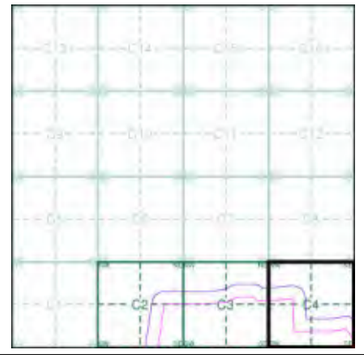
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C4



Order Details

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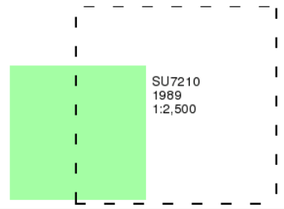
Additional SIMs

Published 1989

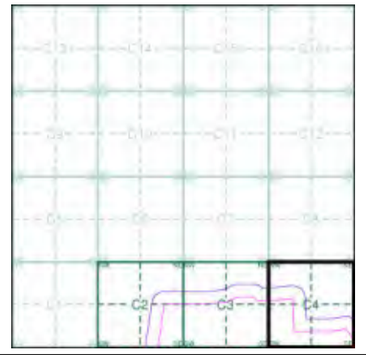
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C4



Order Details

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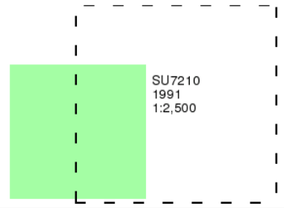
Additional SIMs

Published 1991

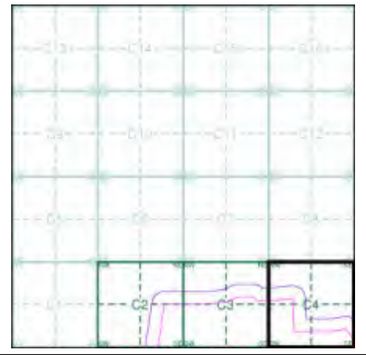
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C4



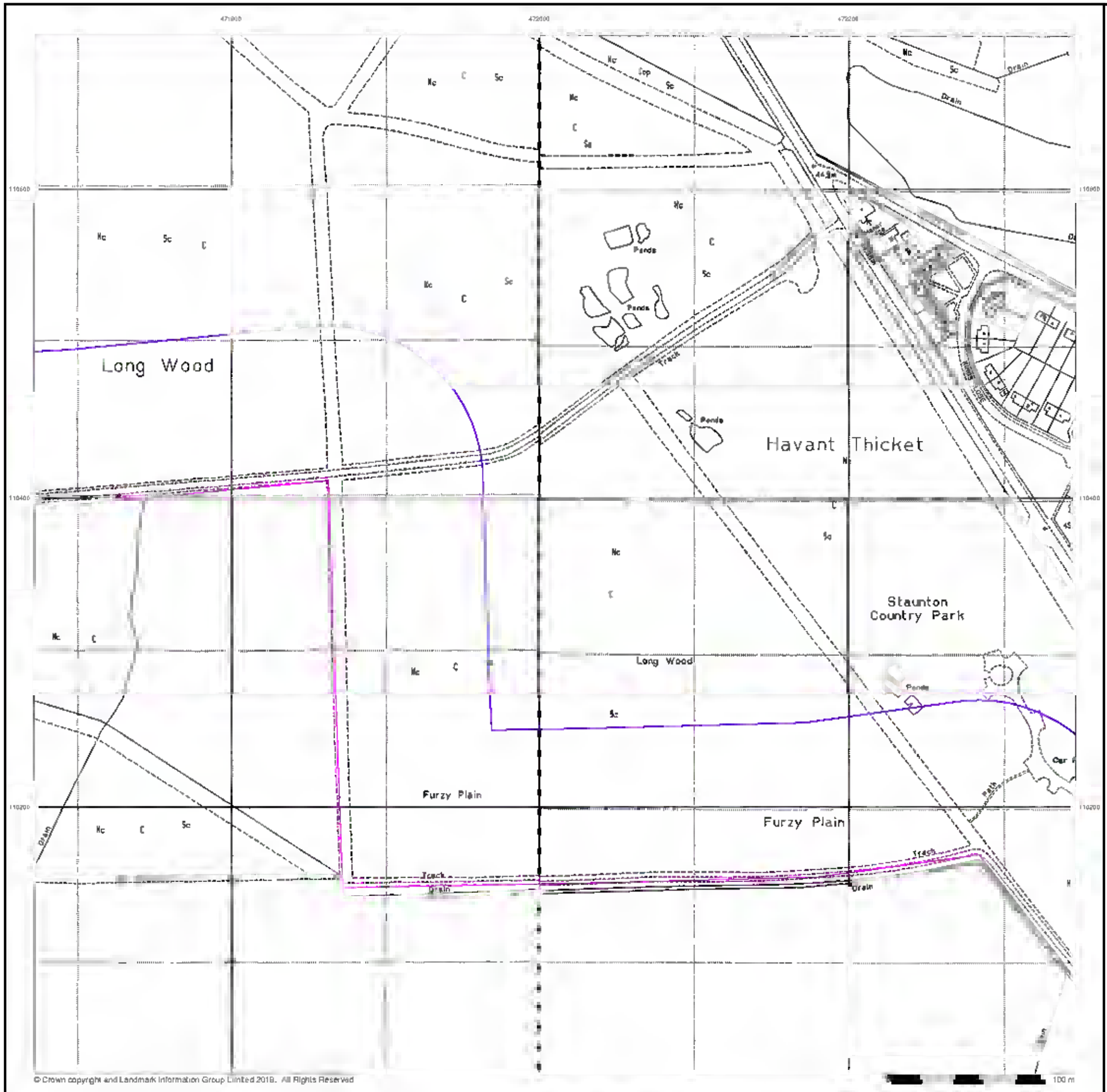
Order Details

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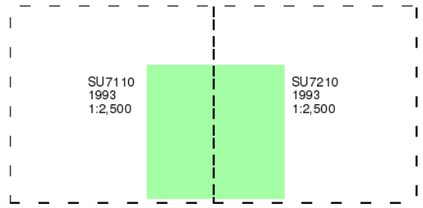
Large-Scale National Grid Data

Published 1993

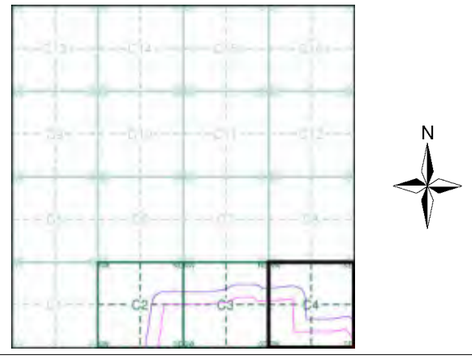
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment C4



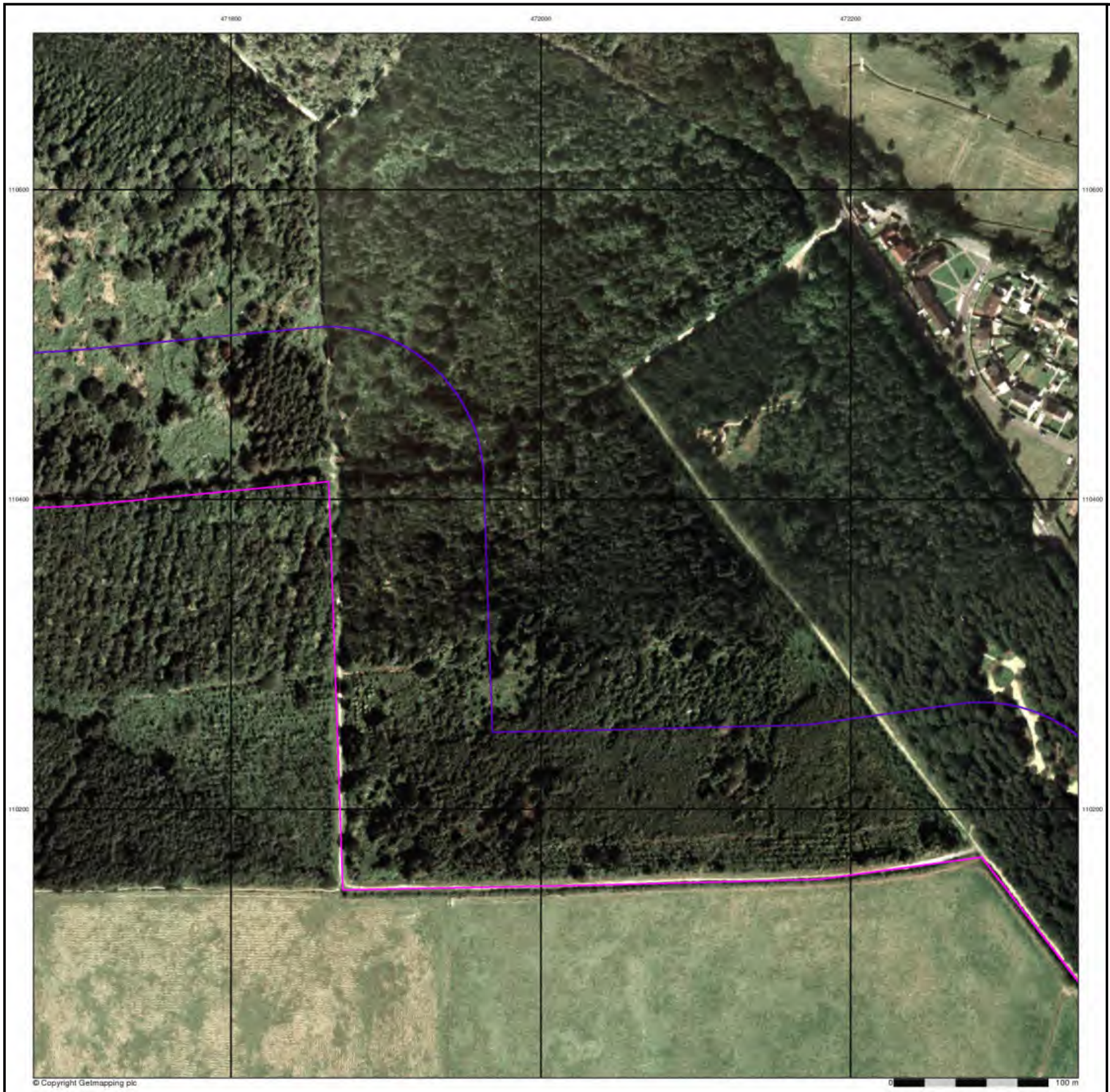
Order Details

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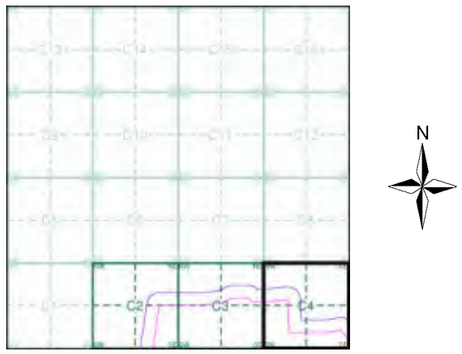
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Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment C4



Order Details

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Geology 1:10,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Ryazanian
	HEAD	Head	Gravel, Clayey [Unlithified Deposits Coding Scheme]	Quaternary - Ryazanian
	CWF	Clay-with-flints Formation	Gravel, Clayey [Unlithified Deposits Coding Scheme]	Quaternary - Pridoli
	CWF	Clay-with-flints Formation	Clay, Silt, Sand and Gravel	Quaternary - Pridoli

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Sand	Eocene - Eocene
	LMBE	Lambeth Group	Clay, Silt and Sand	Paleocene - Paleocene
	LMBE	Lambeth Group	Sand	Paleocene - Paleocene
	TACH	Tarrant Chalk Member	Chalk	Campanian - Campanian
	NCK	Newhaven Chalk Formation	Chalk	Campanian - Santonian

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Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

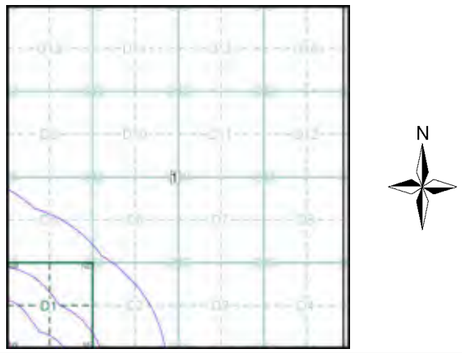
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:		**Map ID:**	1
Map Name:	SU71SE	**Map Name:**	SU71SW
Map Date:	1995	**Map Date:**	1984
Bedrock Geology:	Available	**Bedrock Geology:**	Available
Superficial Geology:	Available	**Superficial Geology:**	Available
Artificial Geology:	Not Available	**Artificial Geology:**	Available
Faults:	Not Supplied	**Faults:**	Not Supplied
Landslip:	Not Available	**Landslip:**	Available
Rock Segments:	Not Supplied	**Rock Segments:**	Not Supplied

Geology 1:10,000 Maps - Slice D



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000



ATKINS

Artificial Ground and Landslip

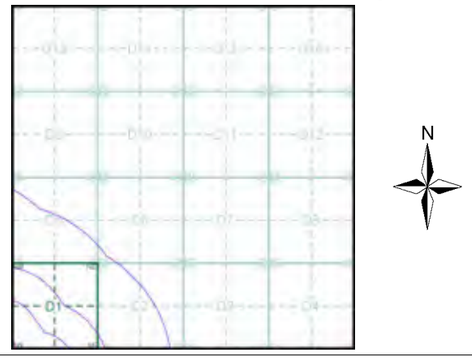
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice D



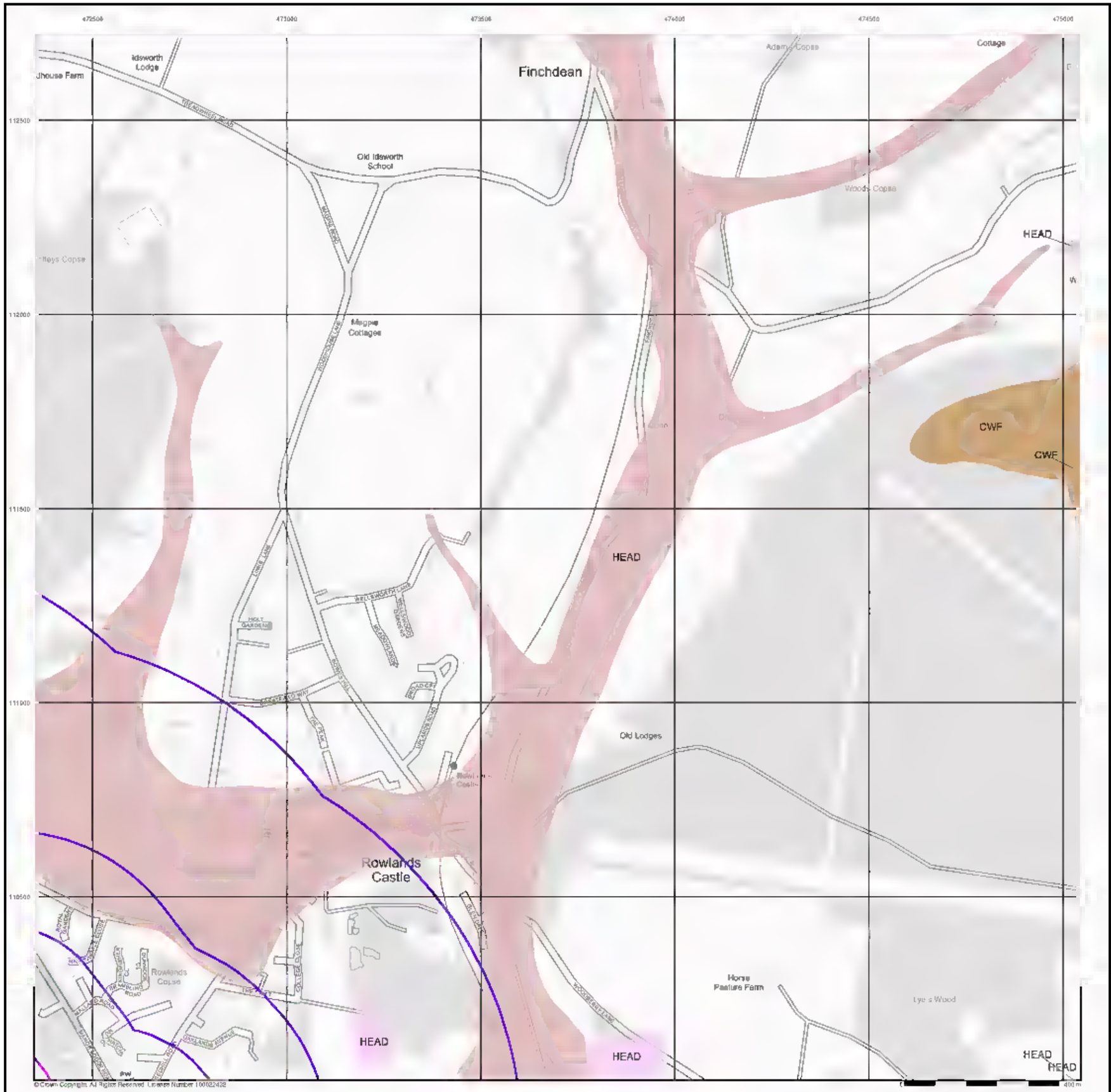
Order Details

Order Number:	202069335_1_1
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Slice:	D
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Site Details

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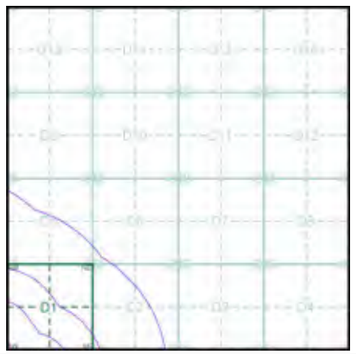
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice D



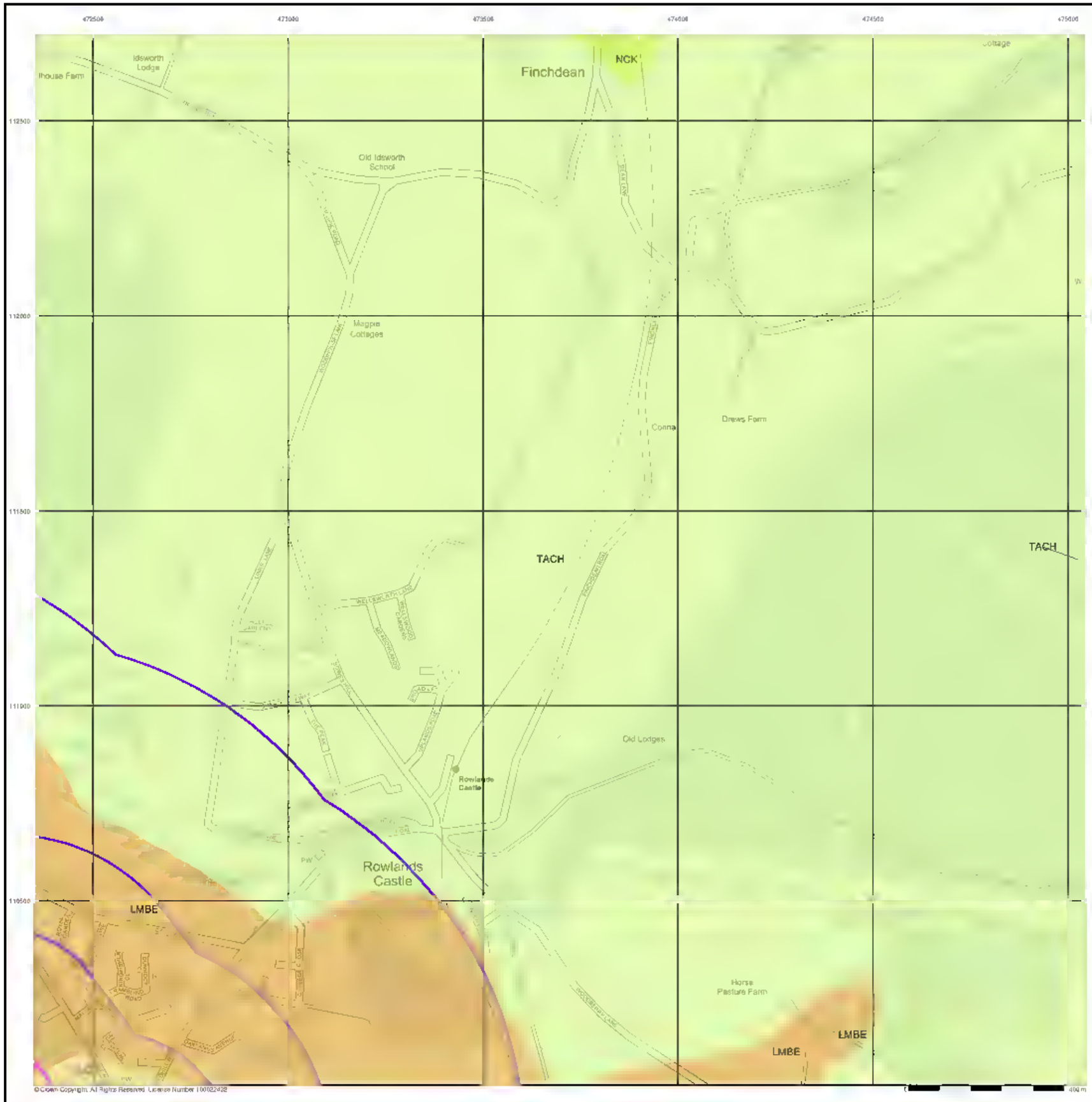
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
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Bedrock and Faults

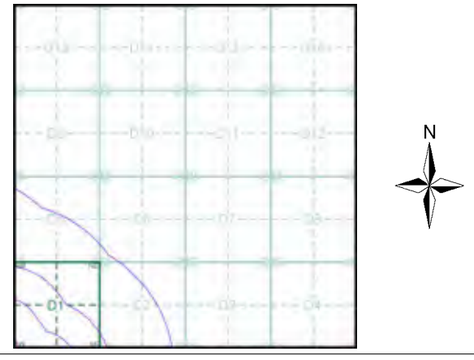
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice D



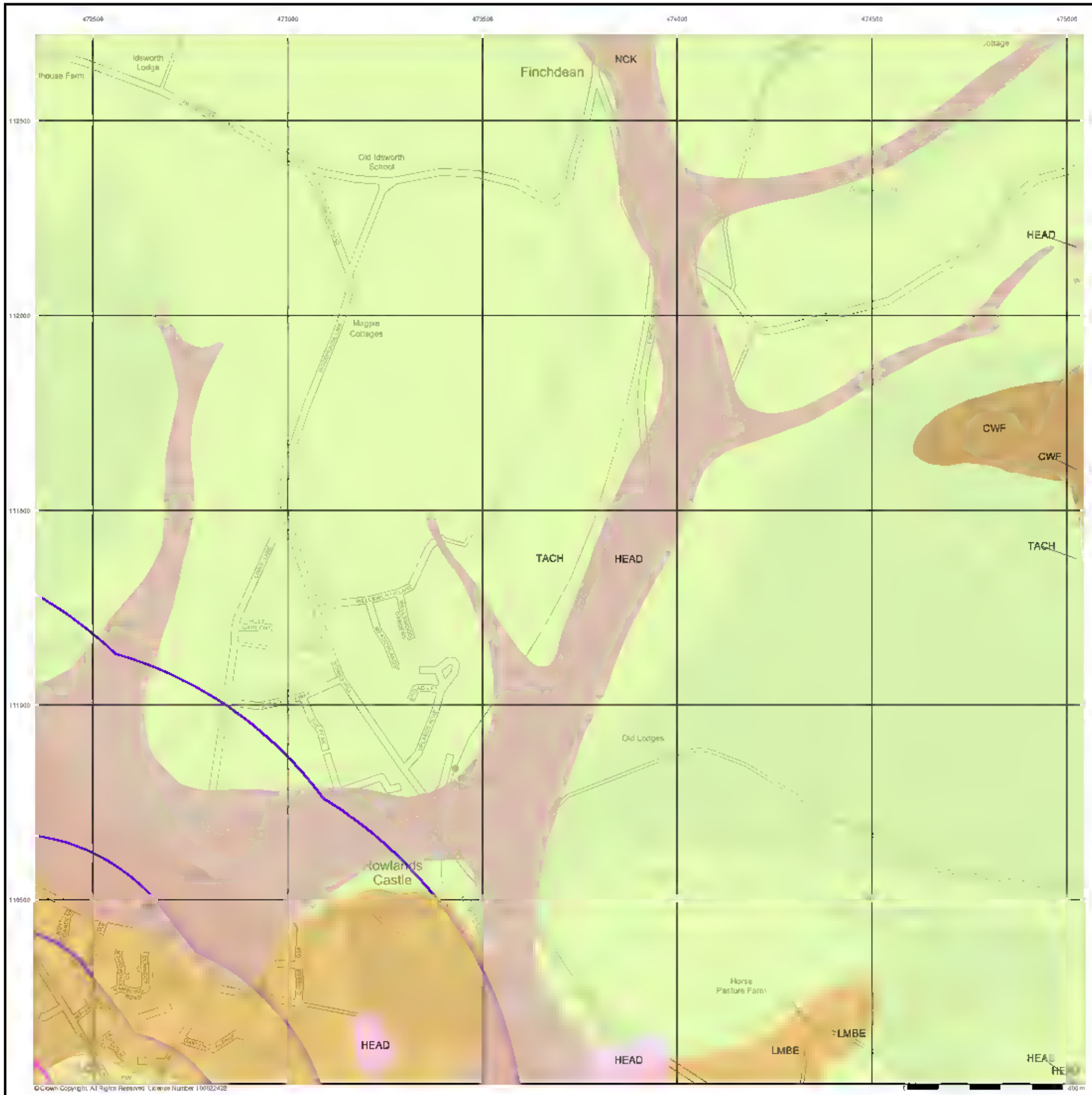
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Order Number:	202069335_1_1
Customer Ref:	5169117
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

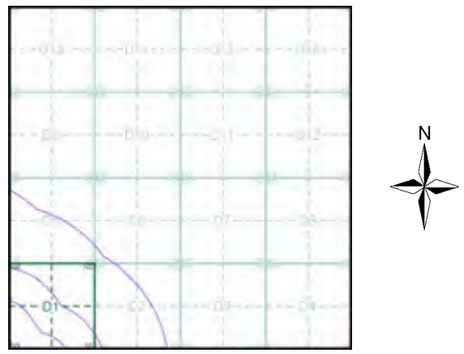
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice D

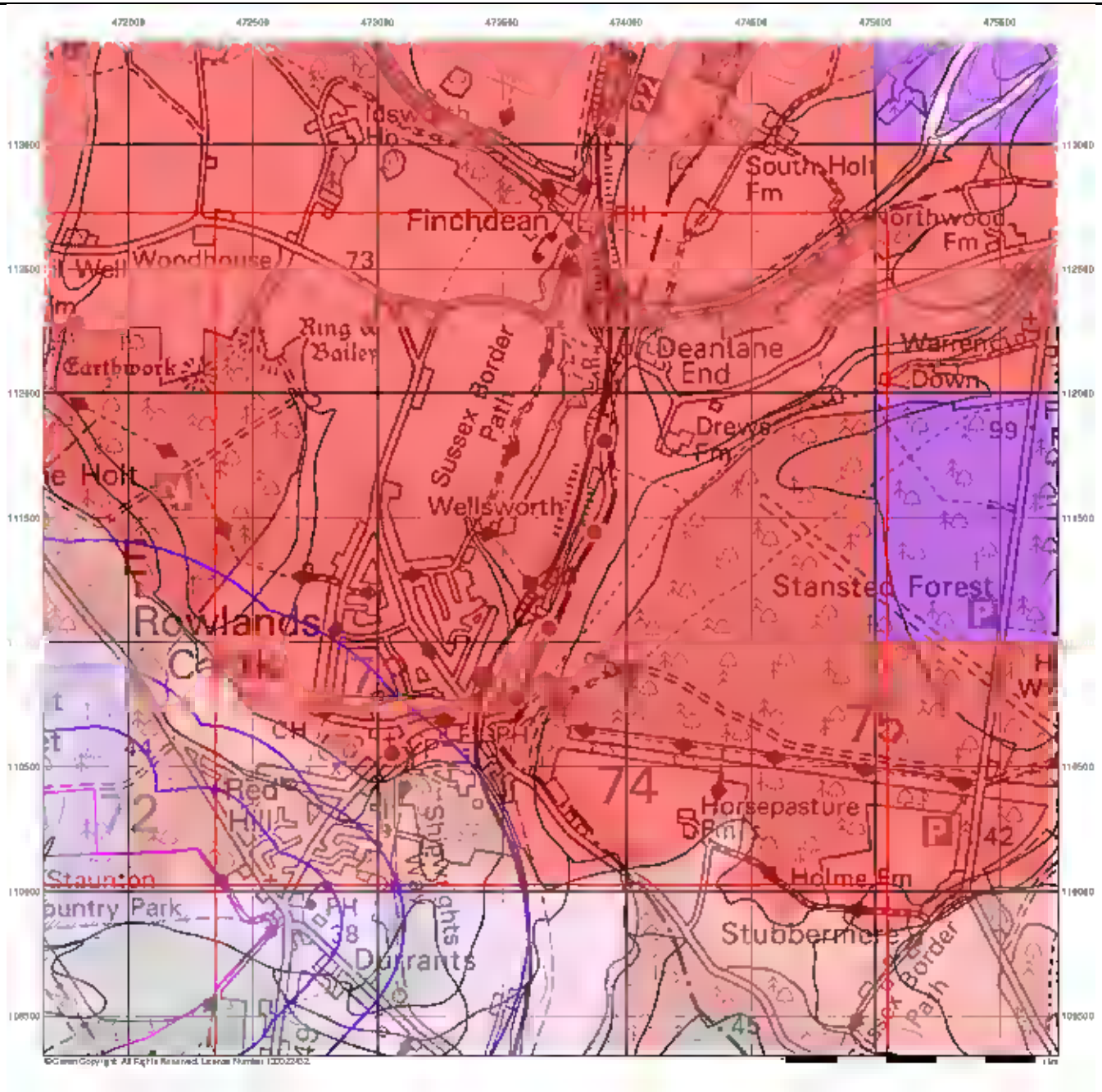


Order Details

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Customer Ref:	5169117
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Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000



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Groundwater Vulnerability

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice D



Order Details

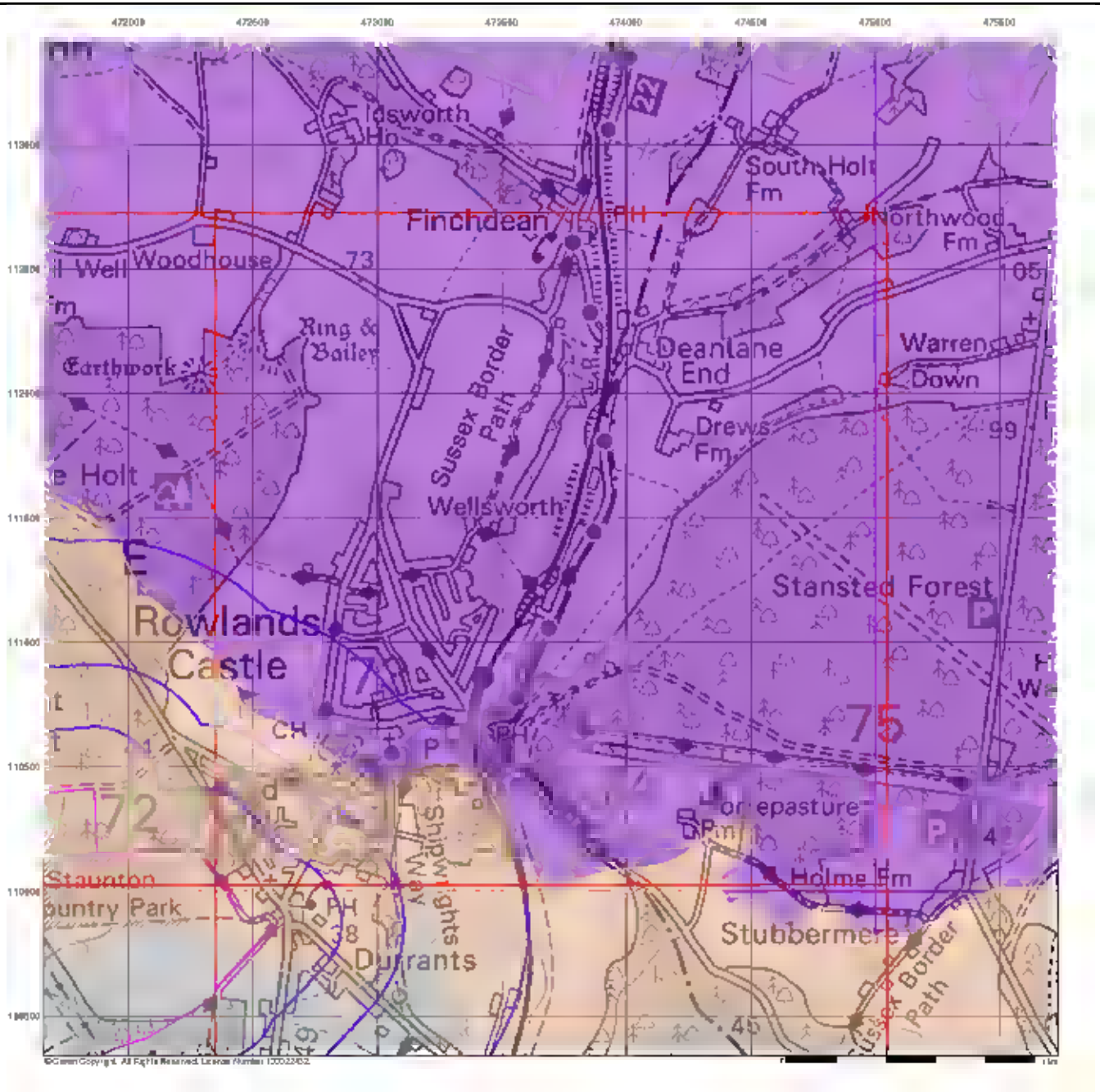
Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Bedrock Aquifer Designation

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice D



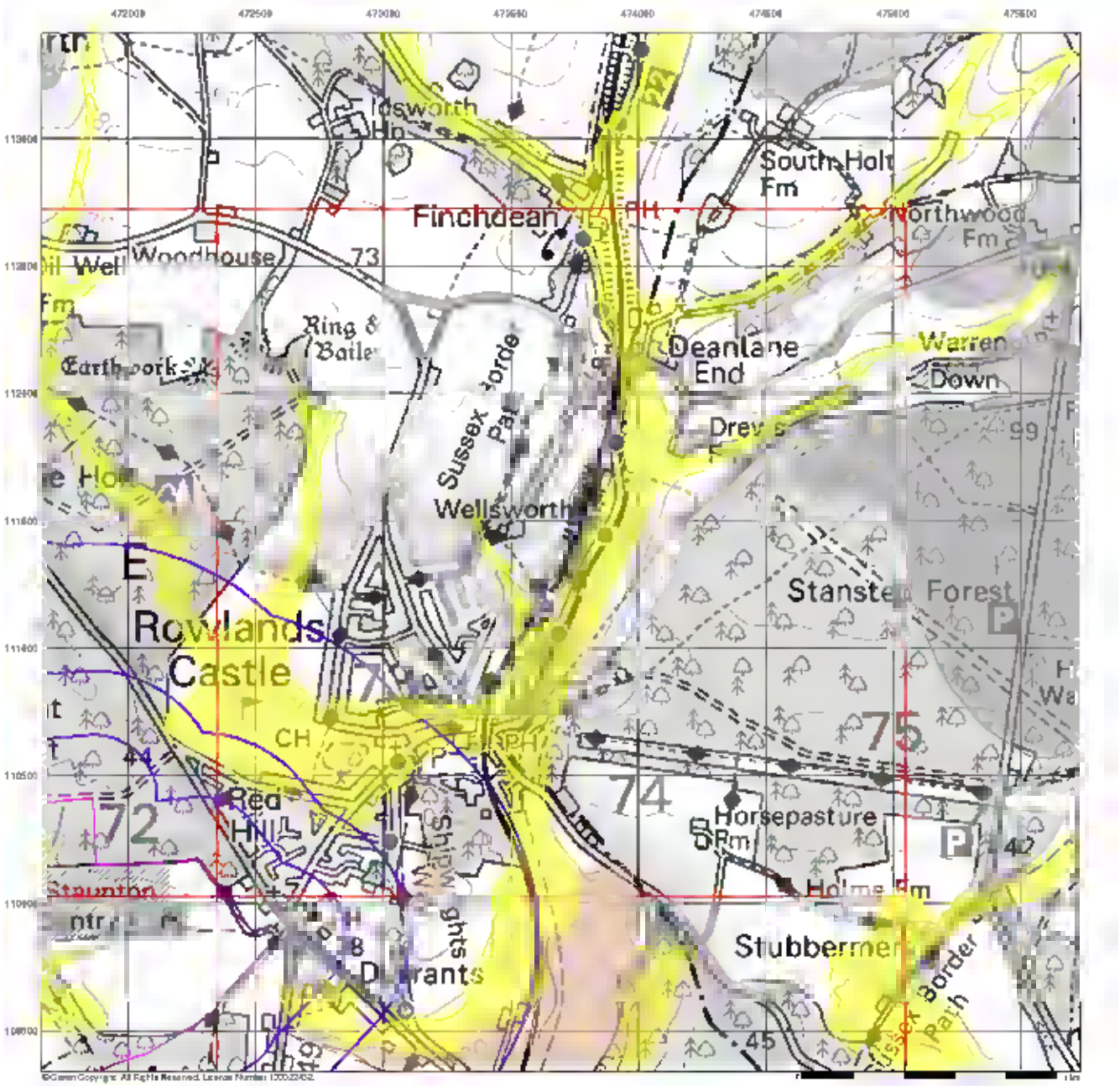
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

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Superficial Aquifer Designation

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice D



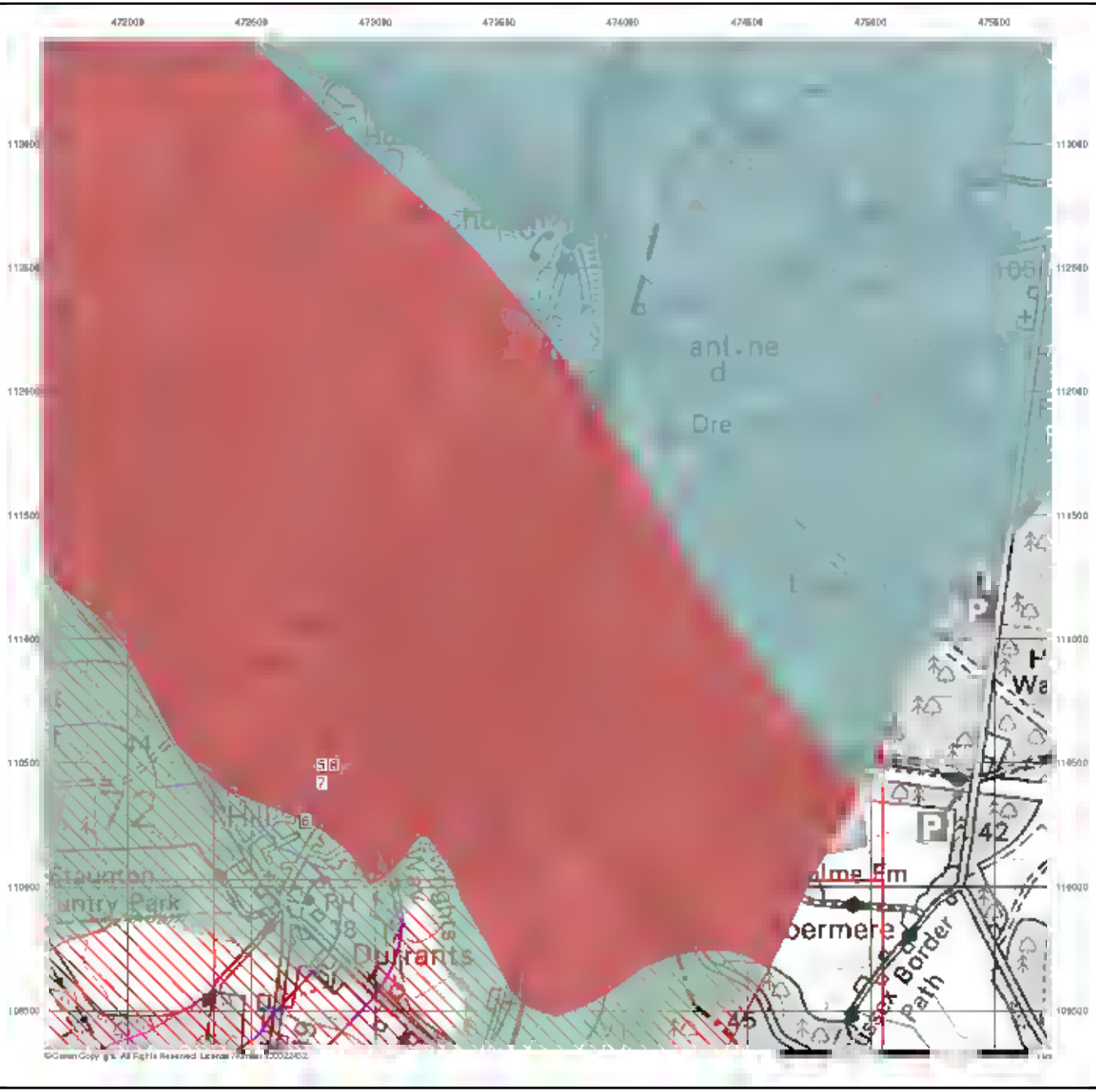
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Order Details

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Site Details

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Source Protection Zones

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Slice | Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice D



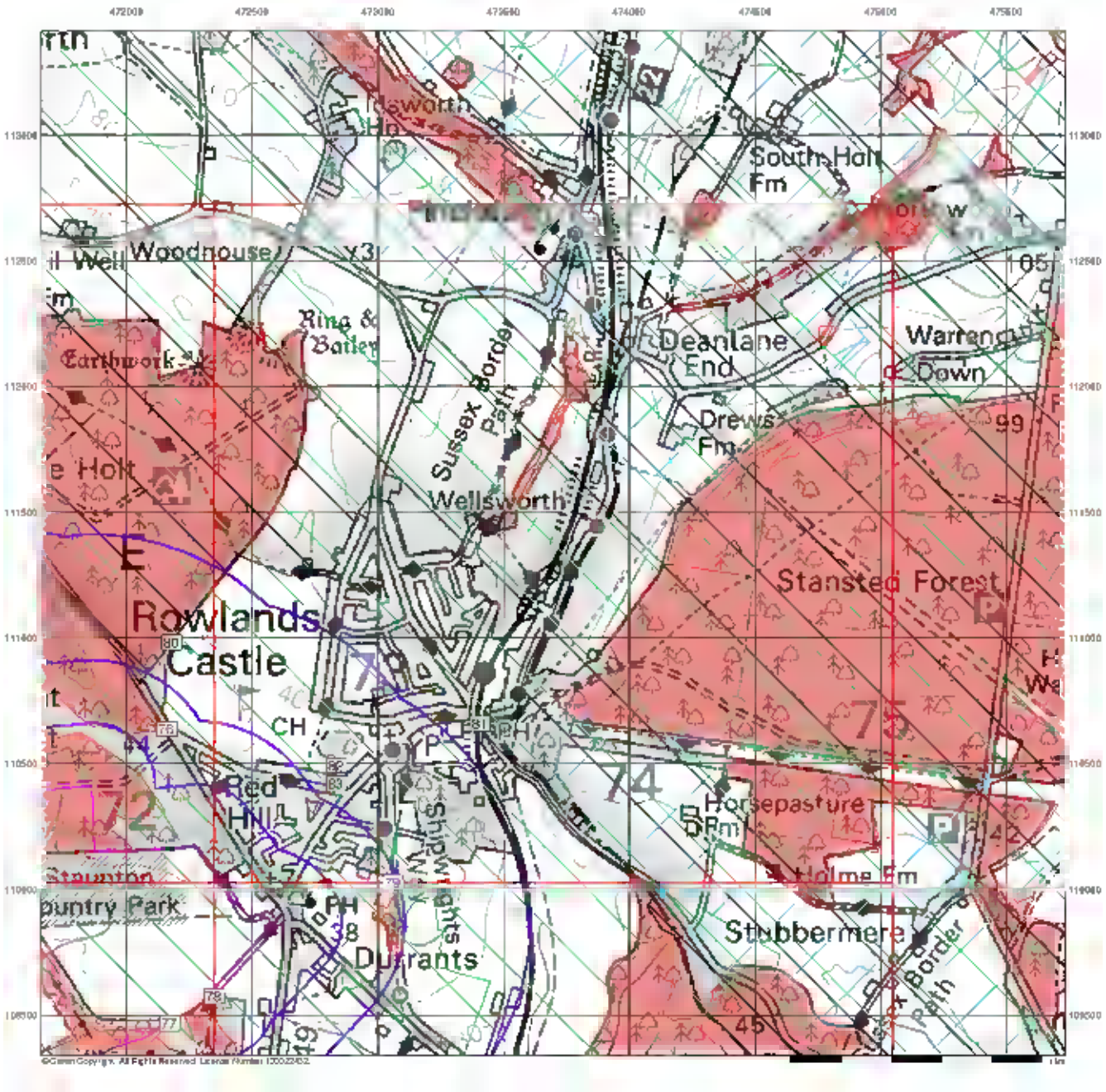
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Sensitive Land Uses

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice D



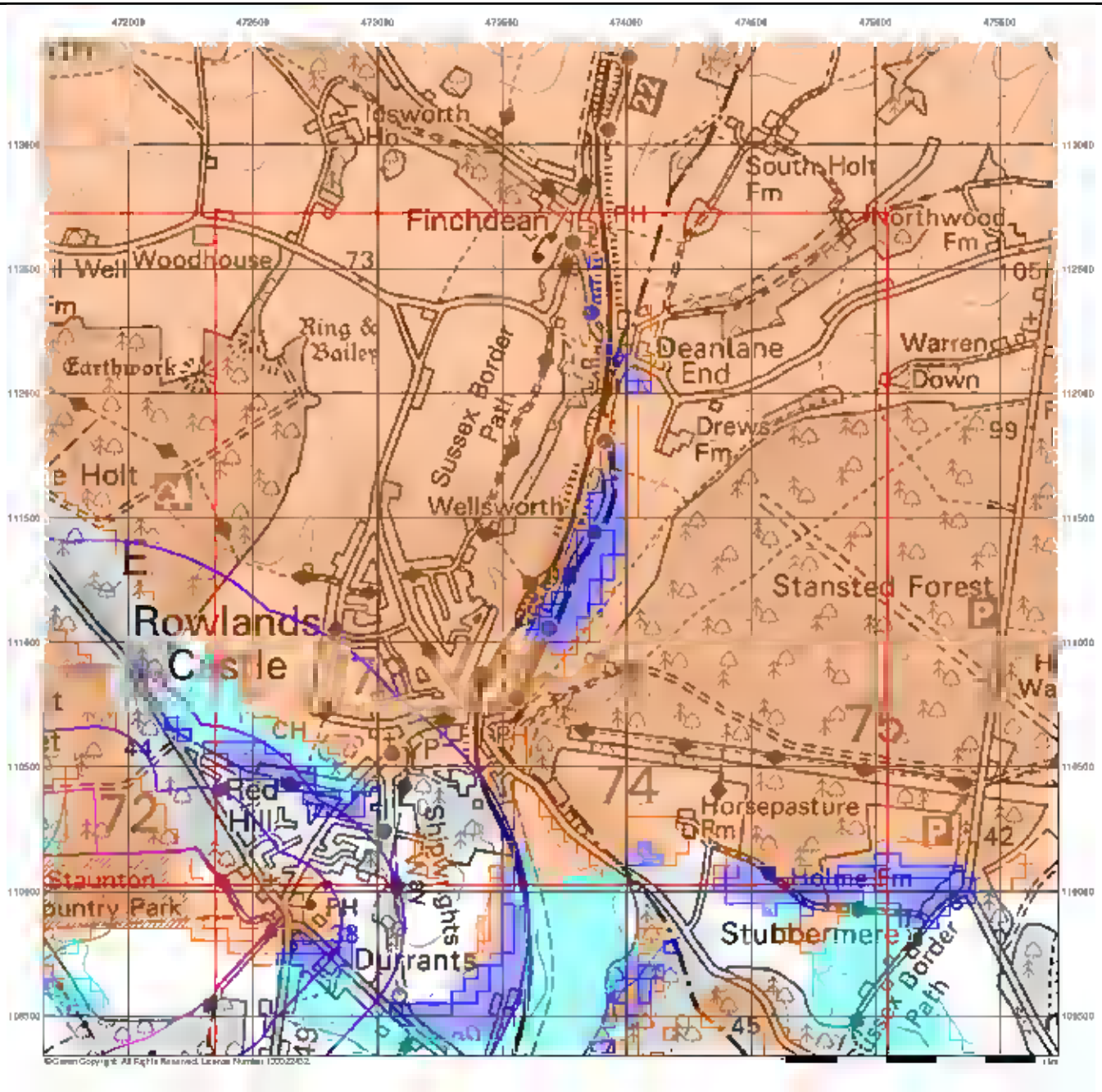
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BGS Flood GFS Data

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice D



N

Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
202069335_1_1

Customer Reference:
5169117

National Grid Reference:
472830, 110490

Slice:
D

Site Area (Ha):
172.43

Search Buffer (m):
1000

Site Details:

Site at 472000, 110000

Client Details:

Mr O Pengilly
Atkins Ltd
Woodcote Grove
Ashley Road
Epsom
Surrey
KT18 5BW

Landmark INFORMATION GROUP

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Waste	11
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.
In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			2	
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2		Yes		
Pollution Incidents to Controlled Waters	pg 2			2	
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 3				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 3	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 5	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information		1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Source Protection Zones	pg 5	2		2	
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 6		1	21	16

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 11	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 11		1		5
Potentially Infilled Land (Water)	pg 11				1
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 12	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 12	Yes			Yes
BGS Recorded Mineral Sites	pg 12		1	1	6
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities	pg 14			1	1
Natural Cavities	pg 14				16
Non Coal Mining Areas of Great Britain	pg 16	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 16	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 16	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 17	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 18		2	4	6
Fuel Station Entries					
Points of Interest - Commercial Services	pg 19			2	2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 19				2
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental	pg 19				2
Gas Pipelines					
Underground Electrical Cables					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 20	3		2	
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks	pg 20			1	
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 20	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	471700 109850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	471850 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	471900 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	471800 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	472500 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	472835 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	471700 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	471750 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	471700 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	471850 109550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	472250 110150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1SE (S)	0	1	472750 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	472800 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	471700 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	471900 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	471700 110200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	7	1	472600 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	80	1	472850 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	83	1	472835 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	115	1	472650 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	151	1	472700 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	246	1	472850 109850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NW (W)	327	1	472500 110490
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NE (W)	351	1	472750 110490
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	374	1	472200 110650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	387	1	472250 110600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D1NE (NW)	407	1	472835 110490
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SE (S)	434	1	472800 110350
1	**Discharge Consents** Operator: Castle Road Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Housing Development, Castle Road, Havant, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N02507 Permit Version: 1 Effective Date: 31st March 1982 Issued Date: 31st March 1982 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	D1NW (W)	362	2	472450 110490
2	**Discharge Consents** Operator: Charles Church Southern Ltd. Property Type: Undefined Or Other Location: Castle Road, Rowlands Castle, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01466 Permit Version: 1 Effective Date: 1st February 1988 Issued Date: 1st February 1988 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	D1NW (W)	387	2	472550 110450
	Nearest Surface Water Feature	(SW)	2	-	472340 110101
3	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Unknown Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Chemicals - Paints / Dyes Note: White Discharge Into Stream Incident Date: 17th July 1998 Incident Reference: 798397 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	D1NW (W)	259	2	472400 110400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Surface Water Outfall Location: Castle Road, Rowlands Castle, Hampshire Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Smell Of Fuel Oil In Stream Incident Date: 28th April 1992 Incident Reference: 49 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Agricultural Pesticide/Fertilizer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	D1NW (W)	396	2	472500 110500
	Water Abstractions Operator: Rowlands Castle Golf Club Licence Number: 37/9 Permit Version: Not Supplied Location: Rowlands Castle Golf Course Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 90 Yearly Rate (m3): 12500 Details: H5 Chalk Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D5NE (N)	1205	2	472700 111300
	Water Abstractions Operator: Rowlands Castle Golf Club Licence Number: 28/034 Permit Version: 100 Location: Rowlands Castle Golf Course Authority: Environment Agency, Southern Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 90 Yearly Rate (m3): 12500 Details: See Licence Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	D5NE (N)	1263	2	472780 111330
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	D1NE (SW)	0	3	472720 110372
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	3	472000 110000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	3	472835 110000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	3	472000 110490
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(W)	0	3	471700 110217
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	3	471813 109801

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	3	471818 109797
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	3	472000 109871
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SW)	0	3	472458 109751
	Groundwater Vulnerability - Soluble Rock Risk Classification: Very Significant Risk - High Possibility	D1NE (NW)	0	3	472835 110490
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(S)	0	3	472835 110000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	D1NE (NW)	0	3	472835 110490
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	(SE)	0	3	473152 109951
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	3	471818 109797
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	3	471700 110217
5	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	D1NE (NW)	0	2	472835 110490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone Ic (Inner Protection Zone): Travel time of 50 days or less to the groundwater source - subsurface activity only.	D1SE (SW)	0	2	472720 110264
7	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	D1NE (NW)	254	2	472835 110490
8	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	D1NE (NW)	254	2	472835 110490
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 372.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	(SW)	2	4	472340 110101
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 365.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	358	4	472506 110462
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	368	4	472526 110458
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	371	4	472384 110560
13	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	D1NW (W)	374	4	472466 110495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 420.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NE (S)	377	4	472824 110398
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	383	4	472419 110527
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 76.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	D1NW (W)	384	4	472458 110511
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 279.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	D1NE (W)	384	4	472726 110513
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	403	4	472384 110560
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 238.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	D1NW (W)	407	4	472371 110566
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	D1NW (W)	407	4	472373 110566
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 2	D1NW (W)	407	4	472384 110564
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	408	4	472395 110597

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	429	4	472422 110575
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 216.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	434	4	472402 110618
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	443	4	472396 110602
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	447	4	472402 110618
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	465	4	472406 110617
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	465	4	472409 110616
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	465	4	472424 110613
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (W)	466	4	472433 110637
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NW (NW)	526	4	472352 110698

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	534	4	472374 110706
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D2SW (SE)	553	4	473025 110232
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	(NW)	600	4	472344 110770
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NE (NW)	604	4	472780 110549
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NE (SE)	616	4	472939 110401
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	627	4	472348 110809
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	628	4	472360 110805
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	644	4	472361 110864
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 651.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D1NE (SE)	665	4	472988 110425

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	673	4	472363 110863
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	674	4	472383 110854
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	679	4	472383 110854
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	682	4	472386 110849
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	683	4	472386 110857
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	687	4	472389 110858

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: East Hampshire District Council - Has no landfill data to supply		0	5	472835 110490
	Local Authority Landfill Coverage Name: Hampshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	472835 110490
47	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D1SE (S)	155	-	472816 110324
48	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D1NE (SE)	596	-	472912 110410
49	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D1NE (N)	598	-	472838 110504
50	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D2NW (E)	656	-	473107 110450
51	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D2NW (E)	855	-	473137 110549
52	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D2SE (E)	997	-	473554 110223
53	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1914	D2NW (E)	950	-	473291 110529

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	(S)	0	1	472709 110014
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	D1NE (NW)	0	1	472835 110490
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	D1NE (NE)	587	1	472857 110515
54	**BGS Recorded Mineral Sites** Site Name: Red Hill Brick And Tile Works Location: Rowlands Castle, Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162696 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	D1SW (SW)	205	1	472635 110101
55	**BGS Recorded Mineral Sites** Site Name: Castle Road Clay Pit Location: Red Hill, Rowlands Castle, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 153530 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	D1SW (SW)	296	1	472520 110348
56	**BGS Recorded Mineral Sites** Site Name: The Forest Gravel Pits Location: Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162771 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	D1NE (NW)	631	1	472787 110549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	**BGS Recorded Mineral Sites** Site Name: Red Hill Chalk Pit Location: Red Hill, Rowlands Castle, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 153531 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Tarrant Chalk Member Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	D1NE (E)	670	1	472982 110436
58	**BGS Recorded Mineral Sites** Site Name: The Forest Gravel Pits Location: Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162772 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	D1NE (N)	690	1	472804 110623
59	**BGS Recorded Mineral Sites** Site Name: Red Hill Brick & Tile Works Location: Red Hill, Rowlands Castle, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 153532 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	D2NW (E)	792	1	473203 110392
60	**BGS Recorded Mineral Sites** Site Name: Red Hill Brick & Tile Works Location: Rowlands Castle, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 153534 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	D2SW (E)	849	1	473335 110305
61	**BGS Recorded Mineral Sites** Site Name: Deerlean Chalk Pit Location: Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162770 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Tarrant Chalk Member Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	D2NW (E)	981	1	473288 110579
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 472600 Northing: 110200 Distance: 269 Quadrant Reference: D1 Quadrant Reference: SW Bearing Ref: SW Cavity Type: Historical Brick and Tile Works/Extensive Clay Pits-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: No Details	D1SW (SW)	269	7	472600 110200
	Man-Made Mining Cavities Easting: 473300 Northing: 110400 Distance: 873 Quadrant Reference: D2 Quadrant Reference: NW Bearing Ref: E Cavity Type: Historical Brick and Tile Works/Extensive Clay Pits-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: No Details	D2NW (E)	873	7	473300 110400
	Natural Cavities Easting: 472812 Northing: 110512 Distance: 522 Quadrant Reference: D1 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Swallow Hole x 9 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (NW)	522	7	472812 110512
	Natural Cavities Easting: 472560 Northing: 110670 Distance: 572 Quadrant Reference: D1 Quadrant Reference: NW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NW (NW)	572	7	472560 110670
	Natural Cavities Easting: 472520 Northing: 110700 Distance: 581 Quadrant Reference: D1 Quadrant Reference: NW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NW (NW)	581	7	472520 110700
	Natural Cavities Easting: 472620 Northing: 110650 Distance: 587 Quadrant Reference: D1 Quadrant Reference: NW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NW (NW)	587	7	472620 110650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 472690 Northing: 110600 Distance: 592 Quadrant Reference: D1 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (NW)	592	7	472690 110600
	Natural Cavities Easting: 472660 Northing: 110630 Distance: 595 Quadrant Reference: D1 Quadrant Reference: NW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NW (NW)	595	7	472660 110630
	Natural Cavities Easting: 472710 Northing: 110590 Distance: 599 Quadrant Reference: D1 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (NW)	599	7	472710 110590
	Natural Cavities Easting: 472460 Northing: 110750 Distance: 607 Quadrant Reference: D5 Quadrant Reference: SW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	607	7	472460 110750
	Natural Cavities Easting: 472870 Northing: 110460 Distance: 631 Quadrant Reference: D1 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Unknown x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (SE)	631	7	472870 110460
	Natural Cavities Easting: 472450 Northing: 110780 Distance: 634 Quadrant Reference: D5 Quadrant Reference: SW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group Superficial Geology Detail: Head	D5SW (NW)	634	7	472450 110780
	Natural Cavities Easting: 473000 Northing: 110400 Distance: 653 Quadrant Reference: D1 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Sinkhole x 1, Swallow Hole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (SE)	653	7	473000 110400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 472430 Northing: 110810 Distance: 658 Quadrant Reference: D5 Quadrant Reference: SW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	658	7	472430 110810
	Natural Cavities Easting: 472370 Northing: 110870 Distance: 684 Quadrant Reference: D5 Quadrant Reference: SW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	684	7	472370 110870
	Natural Cavities Easting: 472350 Northing: 110900 Distance: 690 Quadrant Reference: D5 Quadrant Reference: SW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	690	7	472350 110900
	Natural Cavities Easting: 472400 Northing: 110860 Distance: 700 Quadrant Reference: D5 Quadrant Reference: SW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	700	7	472400 110860
	Natural Cavities Easting: 473000 Northing: 110600 Distance: 817 Quadrant Reference: D1 Quadrant Reference: NE Bearing Ref: NE Cavity Type: Sinkhole x 1, Solution Pipe x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (NE)	817	7	473000 110600
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	D1SE (S)	0	1	472713 110039
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (SW)	0	1	472769 110404
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1SE (S)	0	1	472713 110039
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1SE (S)	0	1	472713 110039
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	**Contemporary Trade Directory Entries** Name: A & J Grant Uk Ltd Location: 16, Nuthatch Close, Rowland's Castle, Hampshire, PO9 6HW Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	D1SW (SW)	169	-	472535 110114
63	**Contemporary Trade Directory Entries** Name: Tollwood Location: 18, Royal Gardens, Rowland's Castle, PO9 6ER Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	D1NW (W)	244	-	472390 110389
64	**Contemporary Trade Directory Entries** Name: Chemex Location: 32, Mallard Road, Rowland's Castle, Hampshire, PO9 6HN Classification: Cleaning Materials & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	D1SW (SW)	304	-	472666 110195
64	**Contemporary Trade Directory Entries** Name: Air-City.Co.Uk Location: 38, Mallard Road, Rowland's Castle, Hampshire, PO9 6HN Classification: Freight Forwarders **Status: Inactive** Positional Accuracy: Automatically positioned to the address	D1SE (SW)	327	-	472701 110205
65	**Contemporary Trade Directory Entries** Name: Connells Location: 11, Nightingale Close, Rowland's Castle, Hampshire, PO9 6EU Classification: Bags, Belts & Accessories - Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	D1NW (W)	310	-	472516 110375
66	**Contemporary Trade Directory Entries** Name: Punture Save Solvent Location: 26, Dunnock Close, Rowland's Castle, Hampshire, PO9 6HQ Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	D1SW (SW)	361	-	472656 110278
67	**Contemporary Trade Directory Entries** Name: Mr Picketts Ltd Location: 35, Redhill Road, Rowland's Castle, Hampshire, PO9 6DE Classification: Paint & Varnish Stripping **Status: Inactive** Positional Accuracy: Automatically positioned to the address	D1SE (SE)	555	-	472894 110358
68	**Contemporary Trade Directory Entries** Name: J W Launder Location: 2, Castle Road, Rowland's Castle, Hampshire, PO9 6AS Classification: Farriers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	D1NE (S)	570	-	472829 110412
68	**Contemporary Trade Directory Entries** Name: D Knight Ltd Location: Castle Road, Rowland's Castle, Hampshire, PO9 6AS Classification: Plastics - Injection Moulding **Status: Active** Positional Accuracy: Automatically positioned to the address	D1NE (S)	577	-	472853 110408
69	**Contemporary Trade Directory Entries** Name: Hydro-Dynamix Location: 10, College Close, Rowland's Castle, Hampshire, PO9 6AJ Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	D1NE (E)	683	-	473016 110425
70	**Contemporary Trade Directory Entries** Name: Hydro Cool Location: 7, Links Lane, Rowland's Castle, Hampshire, PO9 6AD Classification: Water Coolers **Status: Active** Positional Accuracy: Automatically positioned to the address	D2NW (NE)	863	-	473035 110633
71	**Contemporary Trade Directory Entries** Name: Keyline Builders Merchants Location: The Depot, Redhill Road, Rowland's Castle, PO9 6DW Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	D2NW (E)	905	-	473356 110377

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	**Points of Interest - Commercial Services** Name: Air-City.Co.Uk Location: 38 Mallard Road, Rowland's Castle, PO9 6HN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	D1SE (SW)	327	8	472701 110205
72	**Points of Interest - Commercial Services** Name: Puncture Safe Solent Location: 26 Dunnock Close, Rowland's Castle, PO9 6HQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	D1SW (SW)	361	8	472656 110278
73	**Points of Interest - Commercial Services** Name: J W Launder Location: 2 Castle Road, Rowland's Castle, PO9 6AS Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	D1NE (S)	570	8	472829 110412
73	**Points of Interest - Commercial Services** Name: J W Launder Location: 2 Castle Road, Rowland's Castle, PO9 6AS Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	D1NE (S)	570	8	472829 110412
74	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	D1NE (S)	570	8	472848 110403
74	**Points of Interest - Manufacturing and Production** Name: Works Location: PO9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	D1NE (S)	573	8	472848 110406
75	**Points of Interest - Recreational and Environmental** Name: Play Area Location: The Fairway, PO9 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	D5SE (NE)	938	8	473019 110751
75	**Points of Interest - Recreational and Environmental** Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	D5SE (NE)	946	8	473022 110760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	**Ancient Woodland** Name: Forest Of Bere Reference: 1490469 Area(m²): 989948.26 Type: Plantation on Ancient Woodland	(W)	0	9	472159 110638
77	**Ancient Woodland** Name: Not Supplied Reference: 1490508 Area(m²): 145244.95 Type: Ancient and Semi-Natural Woodland	(SW)	0	9	472172 109466
78	**Ancient Woodland** Name: Hammonds Lands Copse Reference: 1490539 Area(m²): 57529.77 Type: Ancient and Semi-Natural Woodland	(SW)	0	9	472347 109574
79	**Ancient Woodland** Name: Not Supplied Reference: 1491063 Area(m²): 13818.48 Type: Ancient and Semi-Natural Woodland	D2SW (SE)	377	9	473061 110028
80	**Ancient Woodland** Name: The Holt Reference: 1490510 Area(m²): 1261046.78 Type: Plantation on Ancient Woodland	(NW)	450	9	472179 110980
81	**National Parks** Name: South Downs Multiple Area: N Area (m2): 1652679314.3 Source: Natural England **Status: Fully Designated - designated as a National Park** Designation Date: 2nd November 2009	D2NE (E)	448	9	473406 110658
82	**Nitrate Vulnerable Zones** Name: Hampshire Chalk Description: Groundwater Source: Environment Agency, Head Office	D1NE (NW)	0	3	472835 110490
83	**Nitrate Vulnerable Zones** Name: Chichester,Langstone And Portsmouth Harbours Eutrophic Nvz (Trac) Description: Eutrophic Water Source: Environment Agency, Head Office	D1NE (NW)	0	3	472835 110490

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
East Hampshire District Council - Environmental Health Department	January 2015	Annual Rolling Update
Chichester District Council - Environmental Health Department	July 2013	Annual Rolling Update
Discharge Consents		
Environment Agency - Southern Region	January 2019	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	Annual Rolling Update
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Variable
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Solent & South Downs Area	January 2019	Quarterly
Environment Agency - Southern Region	January 2019	Quarterly
Local Authority Integrated Pollution Prevention And Control		
East Hampshire District Council - Environmental Health Department	December 2014	Variable
Chichester District Council - Environmental Health Department	October 2014	Variable
Local Authority Pollution Prevention and Controls		
East Hampshire District Council - Environmental Health Department	December 2014	Annual Rolling Update
Chichester District Council - Environmental Health Department	October 2014	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
East Hampshire District Council - Environmental Health Department	December 2014	Variable
Chichester District Council - Environmental Health Department	October 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	January 2019	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2013	Annual Rolling Update
Registered Radioactive Substances		
Environment Agency - Southern Region	June 2016	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Solent & South Downs Area	January 2019	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	January 2019	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2019	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2019	Quarterly
Water Abstractions		
Environment Agency - Southern Region	January 2019	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	Quarterly
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	Annually
Groundwater Vulnerability - Soluble Rock Risk		
Environment Agency - Head Office	June 2018	Annually

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	January 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2019	Quarterly
Flood Defences Environment Agency - Head Office	February 2019	Quarterly
OS Water Network Lines Ordnance Survey	January 2019	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	July 2018	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Solent & South Downs Area	July 2018	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	July 2018	Quarterly
Environment Agency - Southern Region - Solent and South Downs	July 2018	Quarterly
Environment Agency - Southern Region - Sussex Area	July 2018	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	January 2019	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	January 2019	Quarterly
Environment Agency - Southern Region - Solent and South Downs	January 2019	Quarterly
Environment Agency - Southern Region - Sussex Area	January 2019	Quarterly
Local Authority Landfill Coverage		
Chichester District Council - Environmental Health Department	May 2000	Not Applicable
East Hampshire District Council	May 2000	Not Applicable
Hampshire County Council - Minerals and Waste Planning	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Chichester District Council - Environmental Health Department	May 2000	Not Applicable
East Hampshire District Council	May 2000	Not Applicable
Hampshire County Council - Minerals and Waste Planning	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Hampshire Area	March 2003	Not Applicable
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Hampshire Area	March 2003	Not Applicable
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Hampshire Area	March 2003	Not Applicable
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Chichester District Council - Planning Department	February 2016	Variable
East Hampshire District Council	February 2016	Variable
Hampshire County Council - Minerals and Waste Planning	February 2016	Variable
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Planning Hazardous Substance Consents		
Chichester District Council - Planning Department	February 2016	Variable
East Hampshire District Council	February 2016	Variable
Hampshire County Council - Minerals and Waste Planning	February 2016	Variable
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	November 2018	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2019	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2019	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	November 2018	Quarterly
Points of Interest - Education and Health PointX	November 2018	Quarterly
Points of Interest - Manufacturing and Production PointX	November 2018	Quarterly
Points of Interest - Public Infrastructure PointX	November 2018	Quarterly
Points of Interest - Recreational and Environmental PointX	November 2018	Quarterly
Underground Electrical Cables National Grid	December 2015	
Sensitive Land Use	**Version**	**Update Cycle**
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	August 2018	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	March 2019	Bi-Annually
Marine Nature Reserves Natural England	January 2018	Bi-Annually
National Nature Reserves Natural England	August 2018	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2019	Bi-Annually
Special Areas of Conservation Natural England	August 2018	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually

Data Suppliers

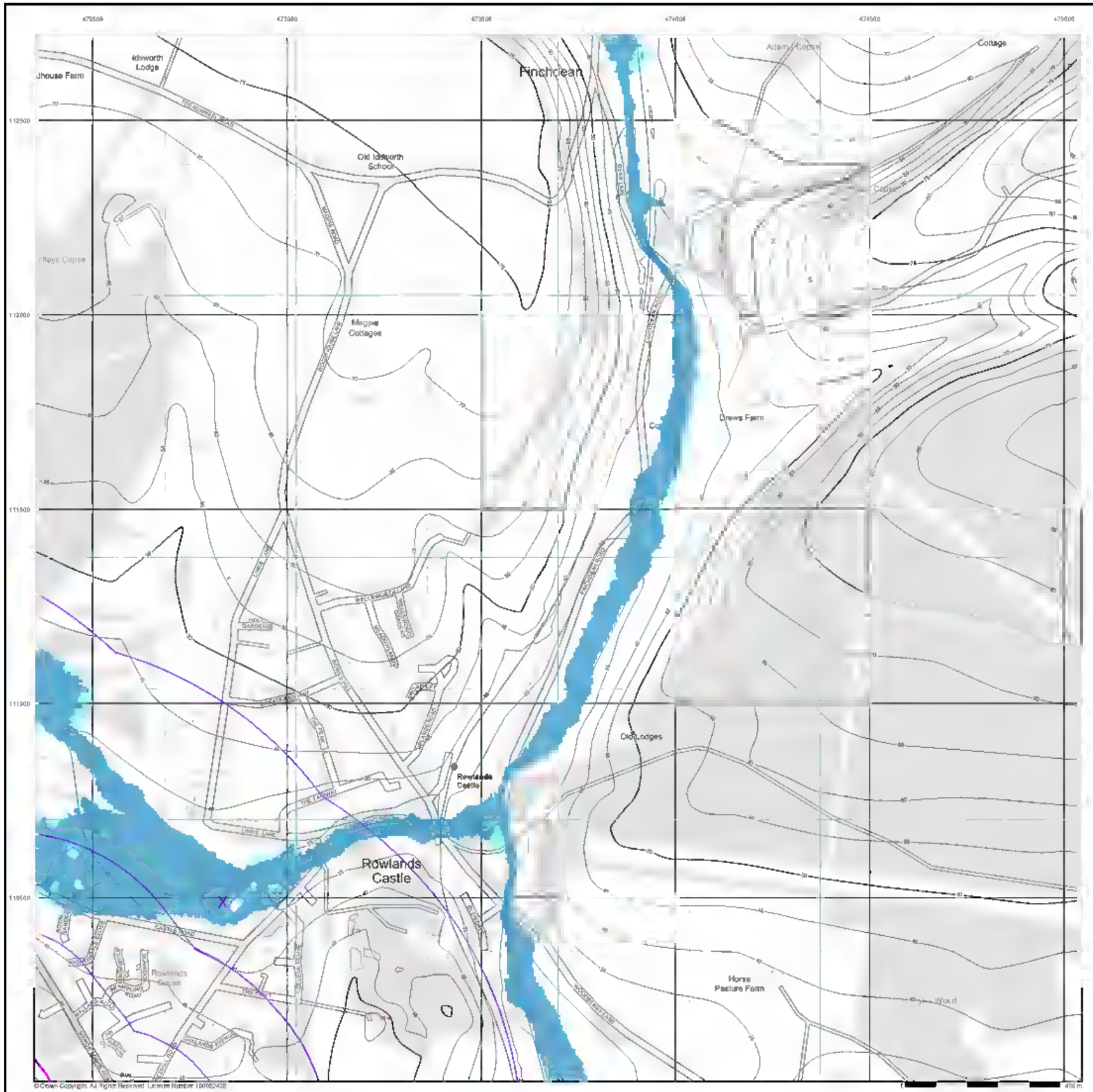
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	**East Hampshire District Council** Penns Place, Petersfield, Hampshire, GU31 4EX	Telephone: 01730 266551 Fax: 01730 267366 Website: www.easthants.gov.uk
6	**Hampshire County Council - Minerals and Waste Planning** Room 130, Ashburton Court West, The Castle, Winchester, Hampshire, SO23 8UD	Telephone: 01962 841841 Fax: 01962 847055 Website: www.hants.gov.uk
7	**Peter Brett Associates** Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
8	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



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EA/NRW Flood Data Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Flood Data

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Contours (height in metres)

Standard Contour 105 100 95

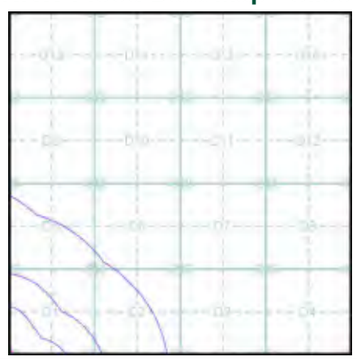
Master Contour

Spot Height 167.8

MLW Mean Low Water

MHW Mean High Water

EA/NRW Flood Data Map - Slice D



N

Order Details

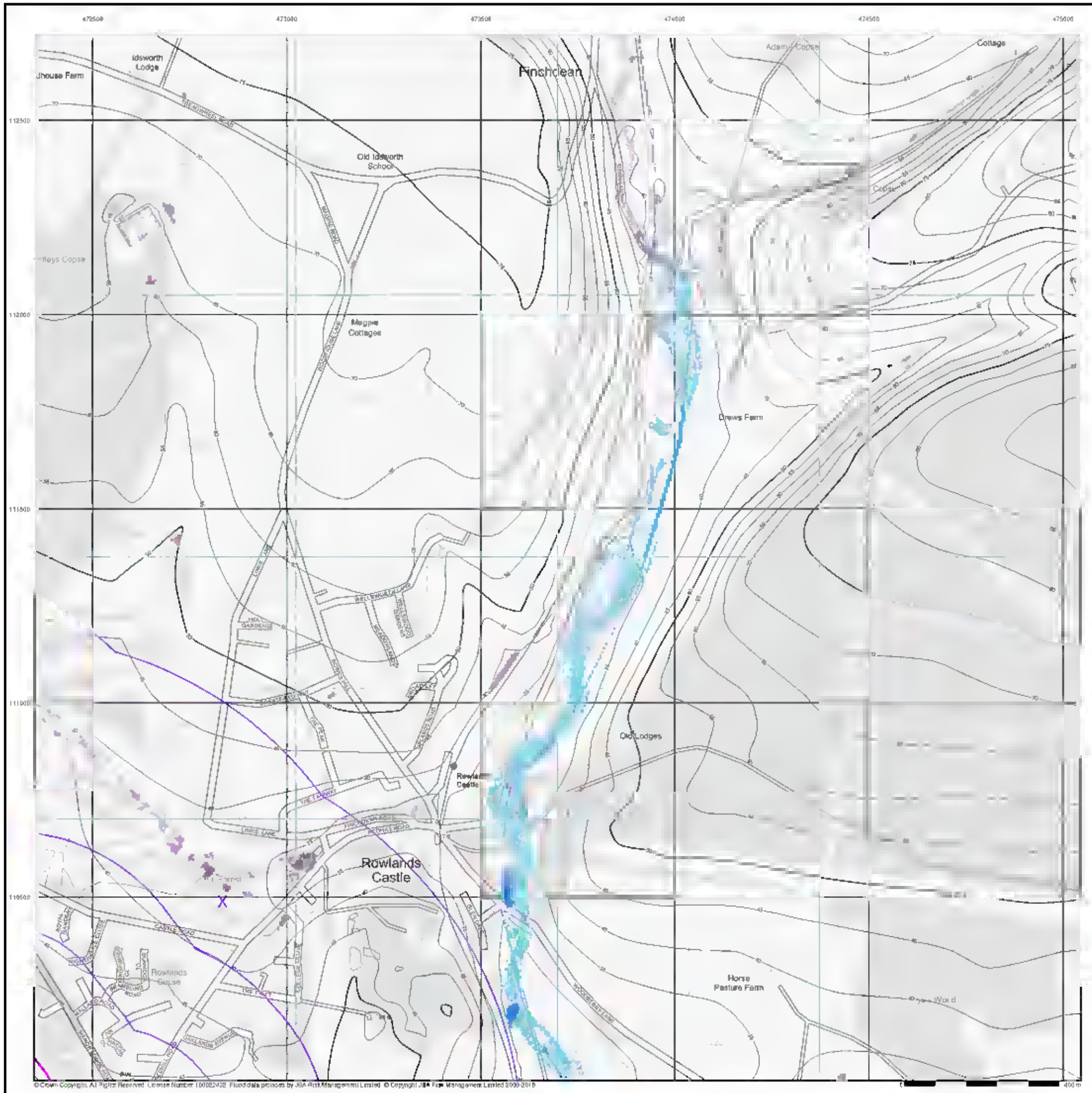
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Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP

Tel: 0844 844 9952
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JBA 75 Year Return Flood Map (Undefended) (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Modelled Flood Depth

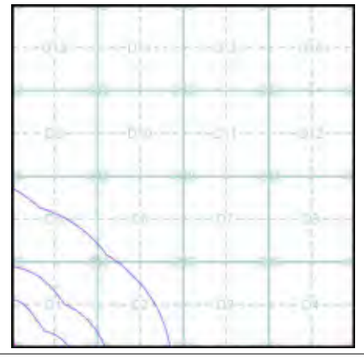
Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

Contours (height in metres)

Standard Contour 105
Master Contour 100
Spot Height 95 157.6

MLW Mean Low Water
MHW Mean High Water

JBA 75 Year Return Flood Map (Undefended) - Slice D



N

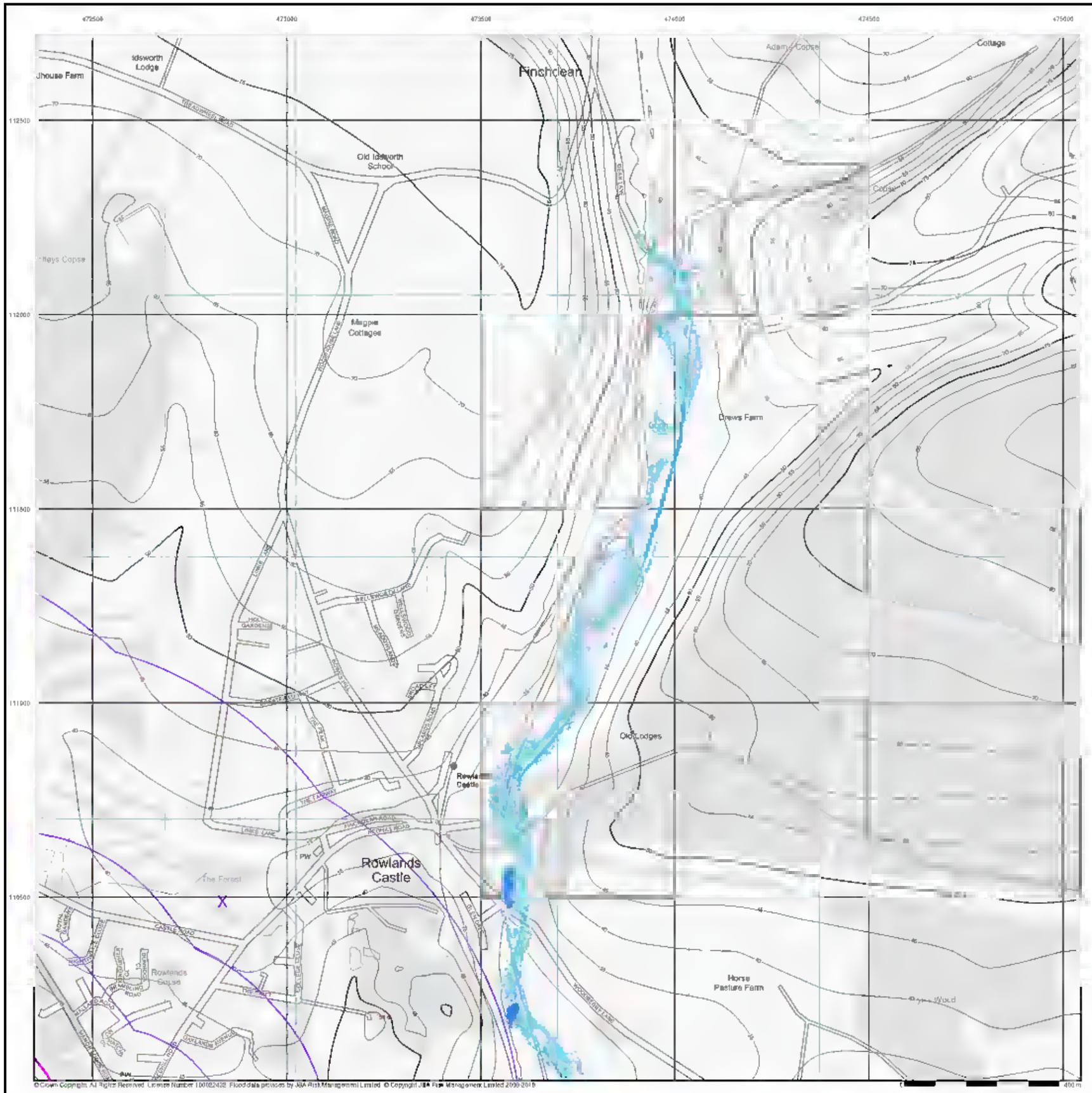
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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JBA 100 Year Return Flood Map (Undefended) (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

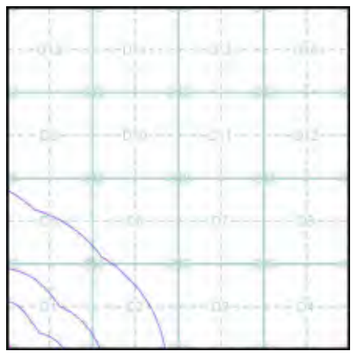
Modelled Flood Depth

Fluvial Depth	Coastal Depth
0.01m - 0.05m	0.01m - 0.05m
0.05m - 0.1m	0.05m - 0.1m
0.1m - 0.3m	0.1m - 0.3m
0.3m - 1m	0.3m - 1m
>1m	>1m

Contours (height in metres)

Standard Contour 105
Master Contour 100
95
MLW Mean Low Water
MHW Mean High Water
Spot Height 167.8

JBA 100 Year Return Flood Map (Undefended) - Slice D



N

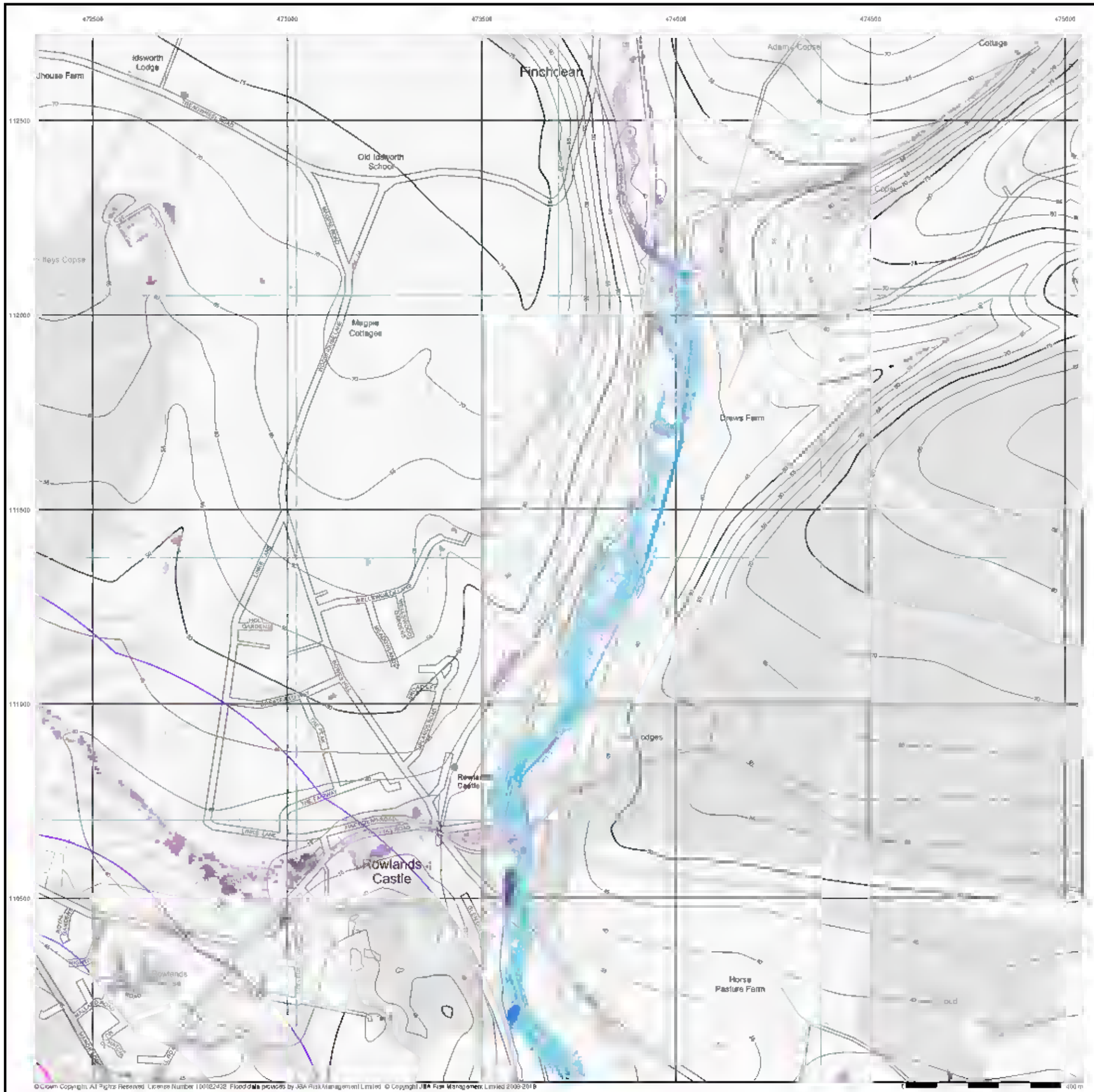
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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JBA 200 Year Return Flood Map (Undefended) (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

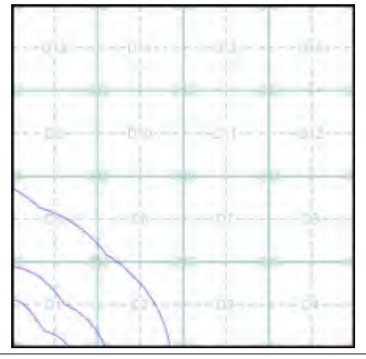
Contours (height in metres)

Standard Contour 105 100 95 — MLW Mean Low Water

Master Contour — MHW Mean High Water

Spot Height 167.8

JBA 200 Year Return Flood Map (Undefended) - Slice D



N

Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
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JBA 1000 Year Return Flood Map (Undefended) (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

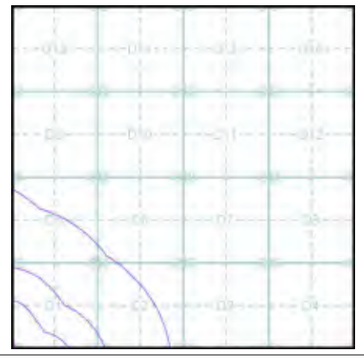
Contours (height in metres)

Standard Contour 105 100 95 — MLW Mean Low Water

Master Contour — MHW Mean High Water

Spot Height 167.8

JBA 1000 Year Return Flood Map (Undefended) - Slice D



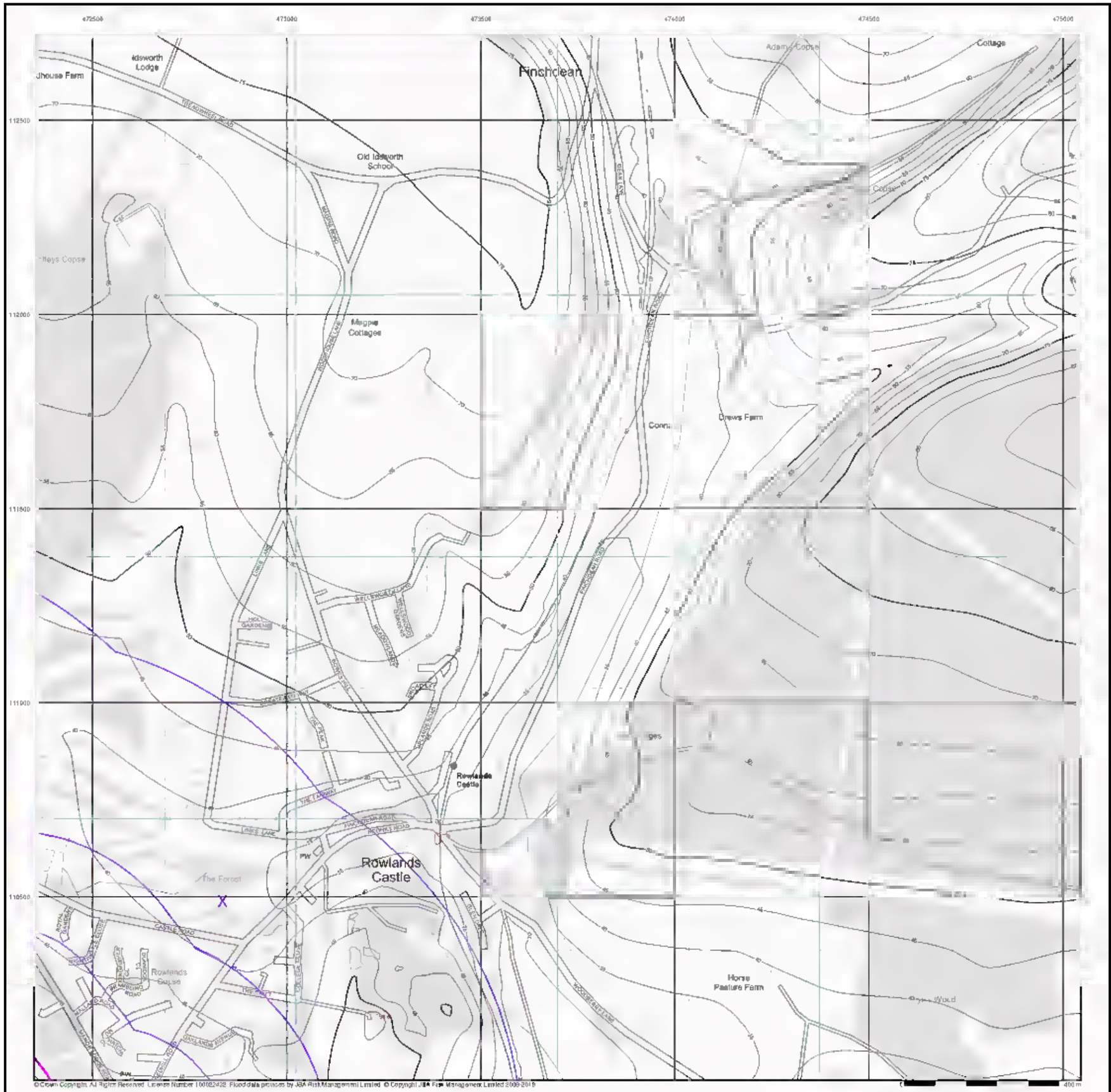
Order Details

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Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
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JBA Canal Failure Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

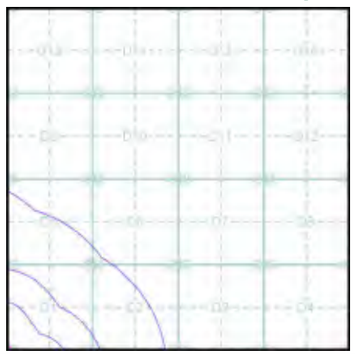
Flood Data

- Canal Failure
- Coverage

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height 167.8
- MLW Mean Low Water
- MHW Mean High Water

JBA Canal Failure Flood Map - Slice D



N

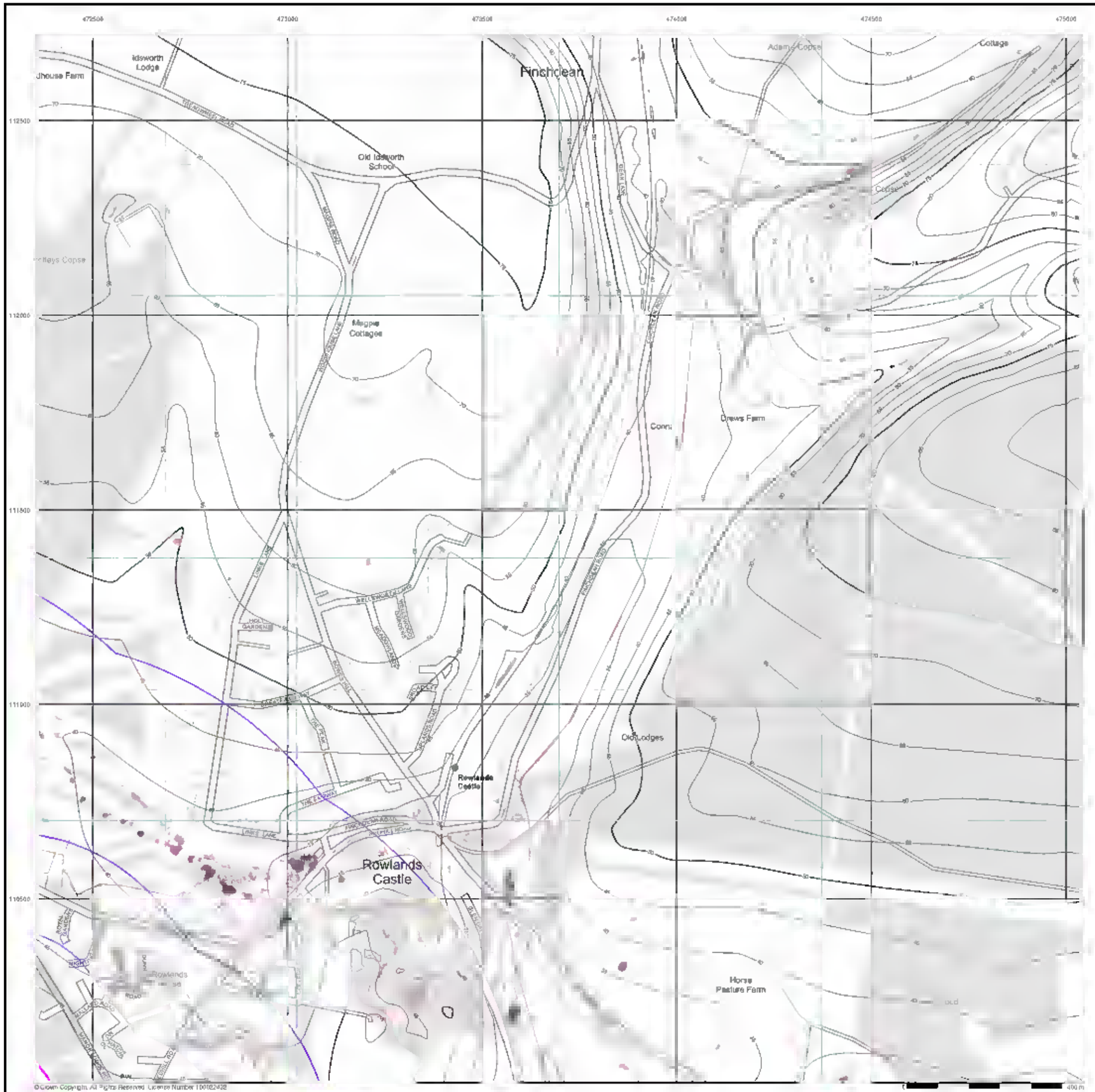
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

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EA/NRW Surface Water 30 Year Return Depth Map (1:10,000)

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

Surface Water Depth

- 0 - 0.15m
- 0.15 - 0.30m
- 0.30 - 0.60m
- 0.60 - 0.90m
- 0.90 - 1.20m
- > 1.20m

Contours (height in metres)

Standard Contour 105 | Master Contour 100 95 | Spot Height *167.8

MLW Mean Low Water

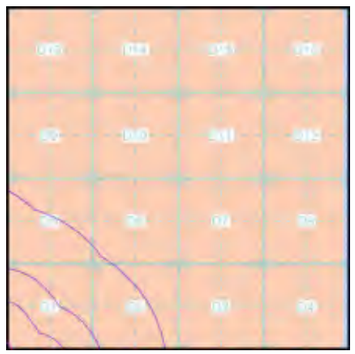
MHW Mean High Water

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice D



N

Order Details

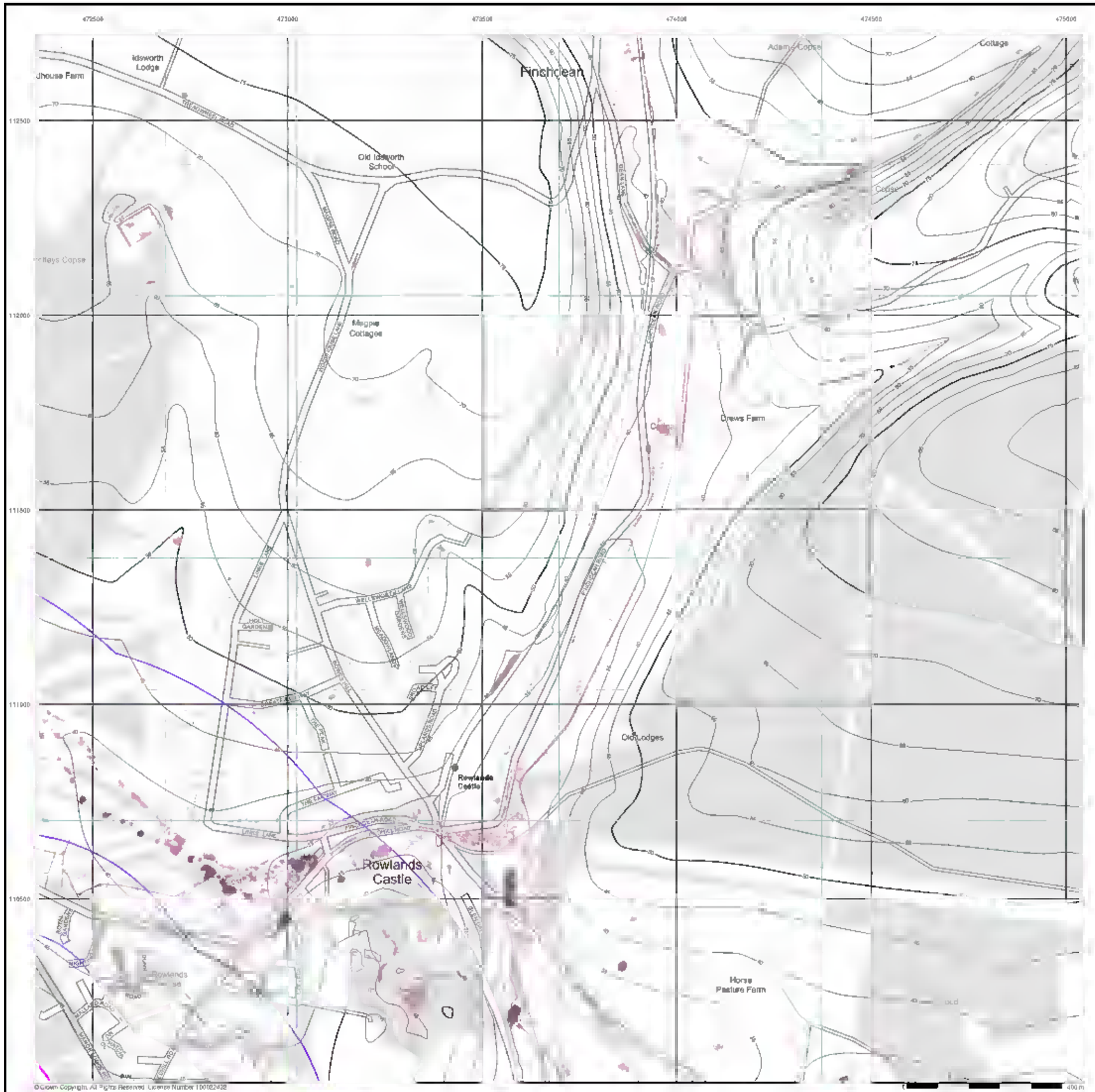
Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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ATKINS

EA/NRW Surface Water 100 Year Return Depth Map

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

Surface Water Depth

- 0 - 0.15m
- 0.15 - 0.30m
- 0.30 - 0.60m
- 0.60 - 0.90m
- 0.90 - 1.20m
- > 1.20m

Contours (height in metres)

Standard Contour 105 | Master Contour 100 95 | Spot Height *167.8

MLW Mean Low Water

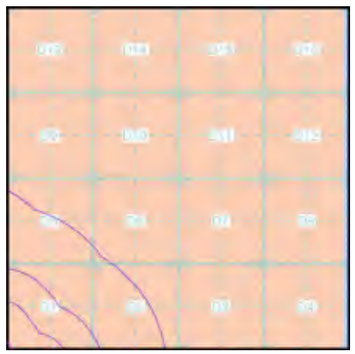
MHW Mean High Water

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice D



N

Order Details

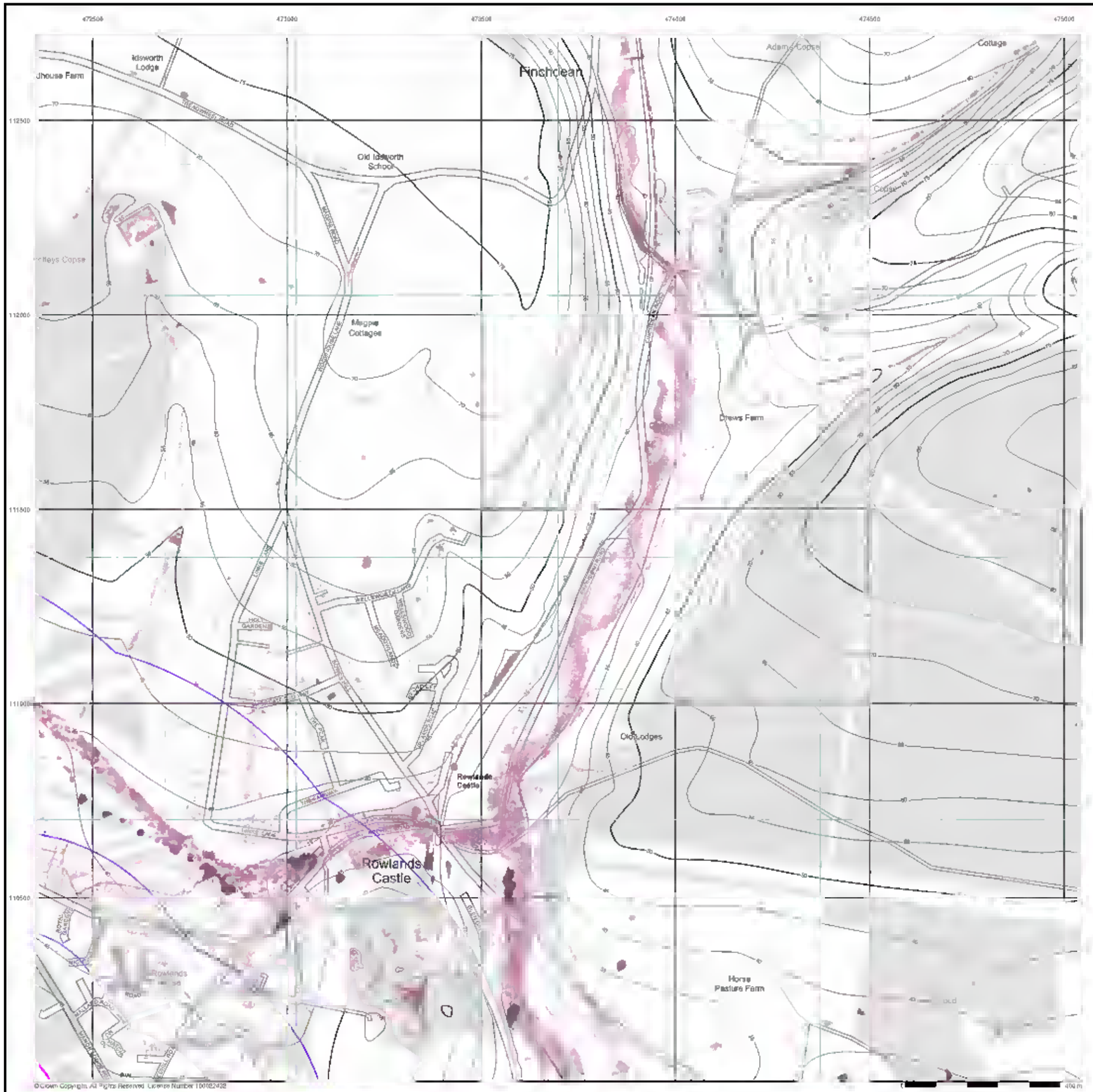
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Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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EA/NRW Surface Water 1000 Year Return Depth Map (1:10,000)

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

Surface Water Depth

- 0 - 0.15m
- 0.15 - 0.30m
- 0.30 - 0.60m
- 0.60 - 0.90m
- 0.90 - 1.20m
- > 1.20m

Contours (height in metres)

Standard Contour 105 | Master Contour 100 95 | Spot Height *167.8

MLW Mean Low Water

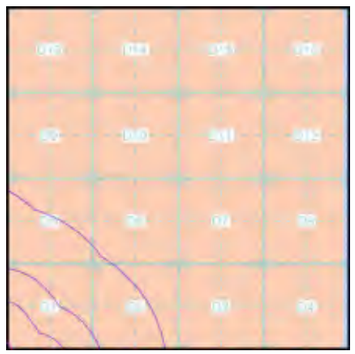
MHW Mean High Water

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice D



N

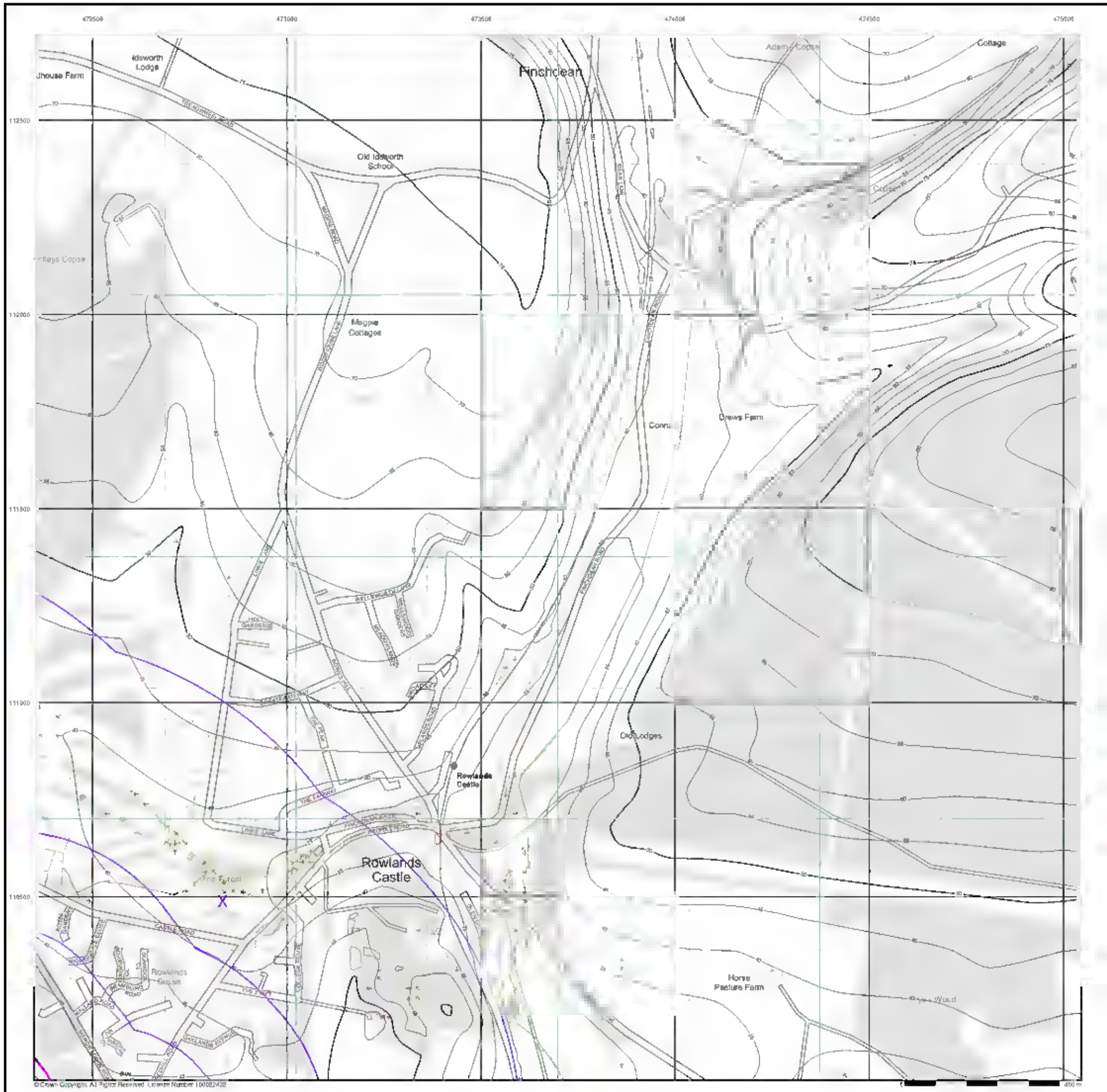
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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ATKINS

EA/NRW Surface Water 30 Year Return Velocity and Flow Direction Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Velocity and Direction

- 0.00 - 0.25m/s
- 0.25 - 0.50m/s
- 0.50 - 1.00m/s
- 1.00 - 2.00m/s
- > 2.00m/s

Flow Direction at maximum velocity

Contours (height in metres)

Standard Contour | Master Contour | Spot Height *167.8

MLW Mean Low Water

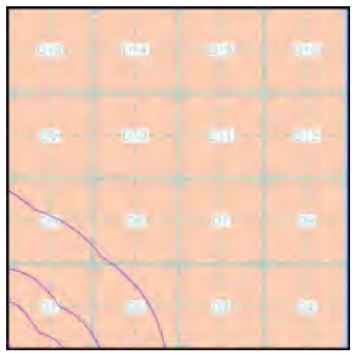
MHW Mean High Water

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice D



N

Order Details

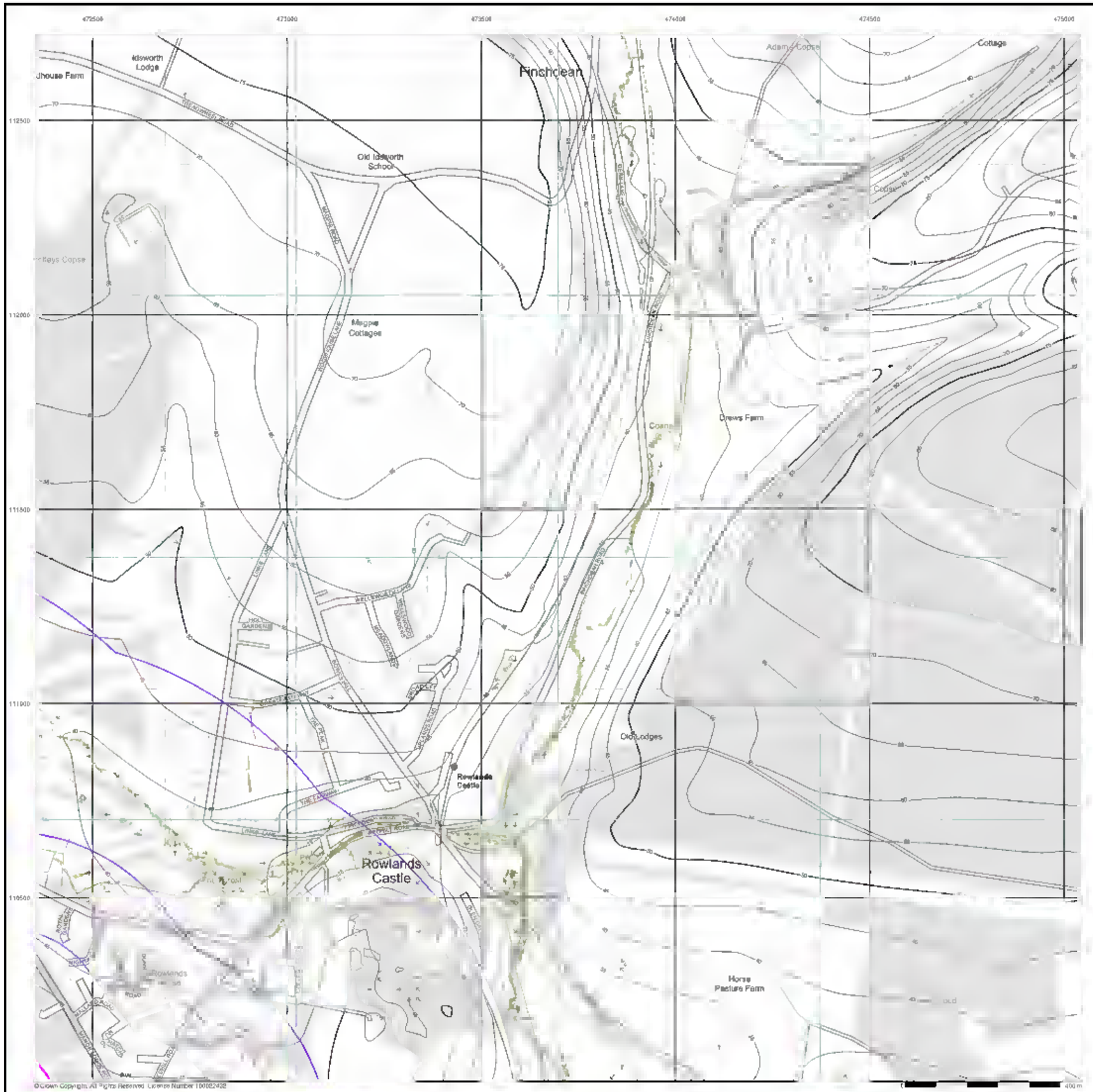
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ATKINS

EA/NRW Surface Water 100 Year Return Velocity and Flow Direction Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Velocity and Direction

- 0.00 - 0.25m/s
- 0.25 - 0.50m/s
- 0.50 - 1.00m/s
- 1.00 - 2.00m/s
- > 2.00m/s

Flow Direction at maximum velocity

Contours (height in metres)

Standard Contour | Master Contour | Spot Height *167.8

MLW Mean Low Water

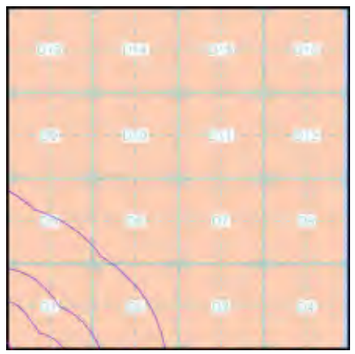
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Suitability

See the suitability map below

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- Property

EA/NRW Suitability Map - Slice D



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ATKINS

EA/NRW Surface Water 1000 Year Return Velocity and Flow Direction Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Velocity and Direction

- 0.00 - 0.25m/s
- 0.25 - 0.50m/s
- 0.50 - 1.00m/s
- 1.00 - 2.00m/s
- > 2.00m/s

Flow Direction at maximum velocity

Contours (height in metres)

Standard Contour 105 100 95

Master Contour

Spot Height *167.8

MLW Mean Low Water

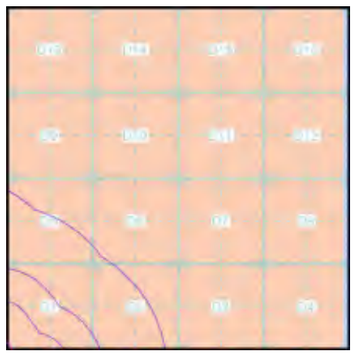
MHW Mean High Water

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EA/NRW Suitability Map - Slice D



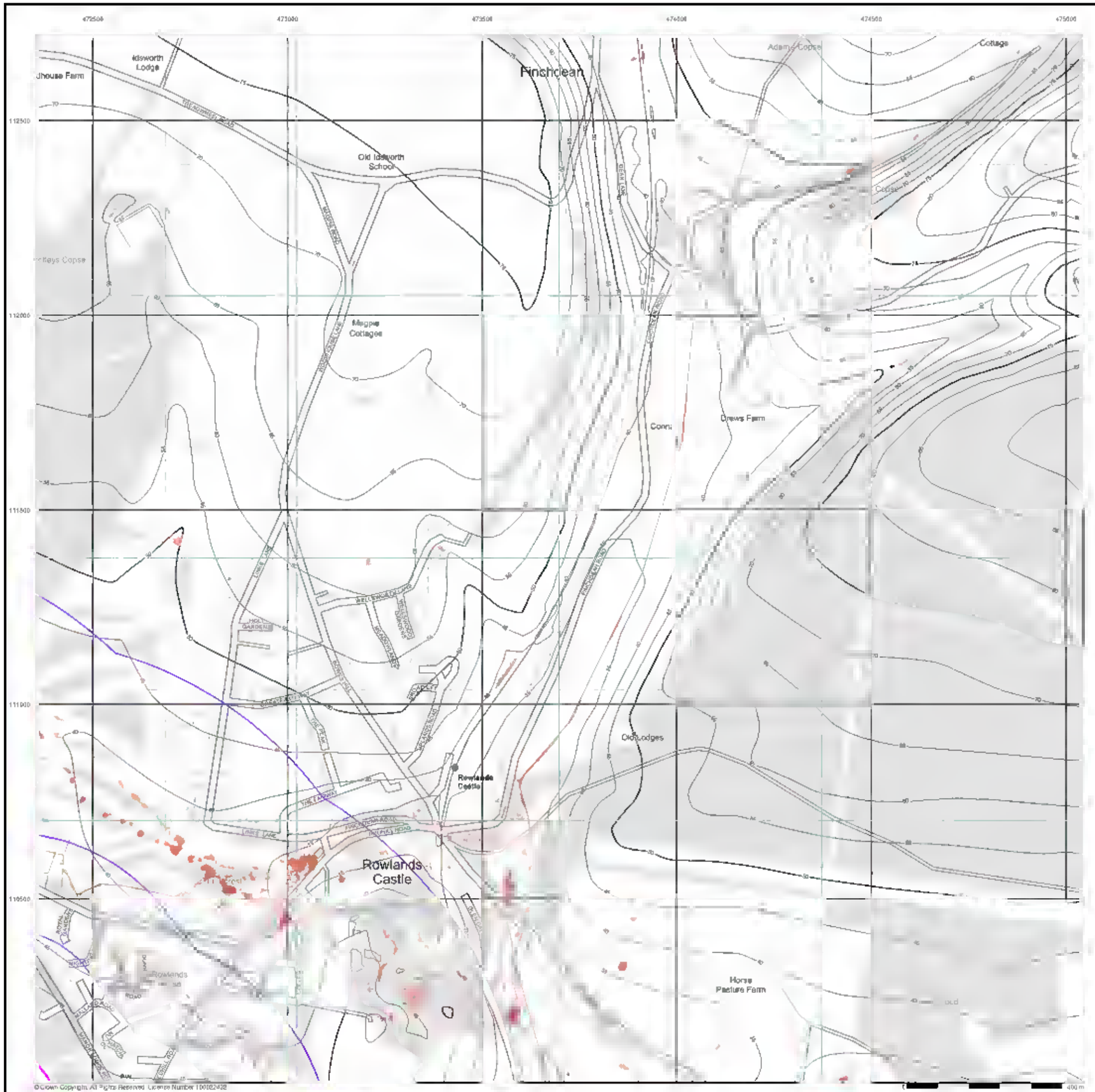
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EA/NRW Surface Water 30 Year Return Hazard Rating Map (1:10,000)

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

Surface Water Hazard Rating

- Low (0.5 – 0.75)
- Moderate (0.75 – 1.25)
- Significant (1.25 – 2.0)
- Extreme (>2.0)

Contours (height in metres)

Standard Contour 105 | Master Contour 100 95 | Spot Height *167.8

MLW Mean Low Water

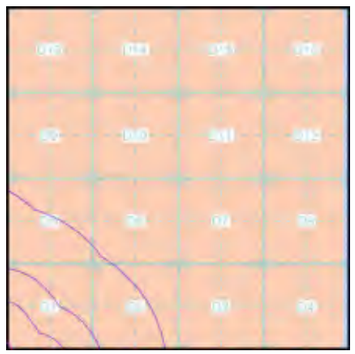
MHW Mean High Water

Suitability

See the suitability map below

- National to county
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- Town to street
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- Property

EA/NRW Suitability Map - Slice D



Order Details

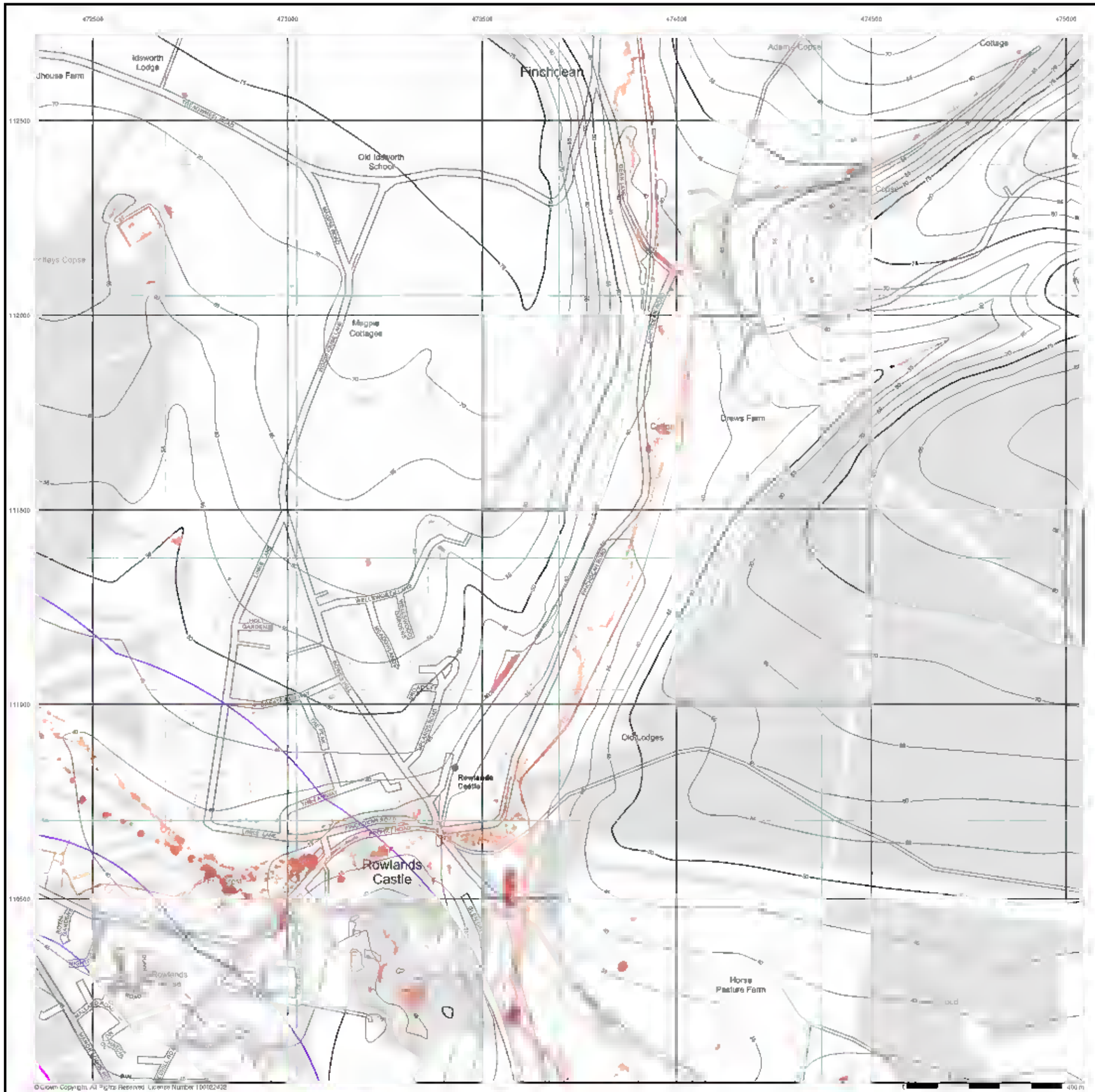
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EA/NRW Surface Water 100 Year Return Hazard Rating Map (1:10,000)

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

Surface Water Hazard Rating

- Low (0.5 – 0.75)
- Moderate (0.75 – 1.25)
- Significant (1.25 – 2.0)
- Extreme (>2.0)

Contours (height in metres)

Standard Contour | Master Contour | Spot Height 167.8

MLW Mean Low Water

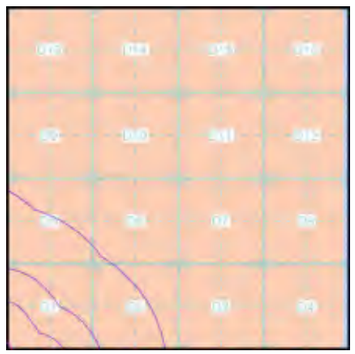
MHW Mean High Water

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice D



N

Order Details

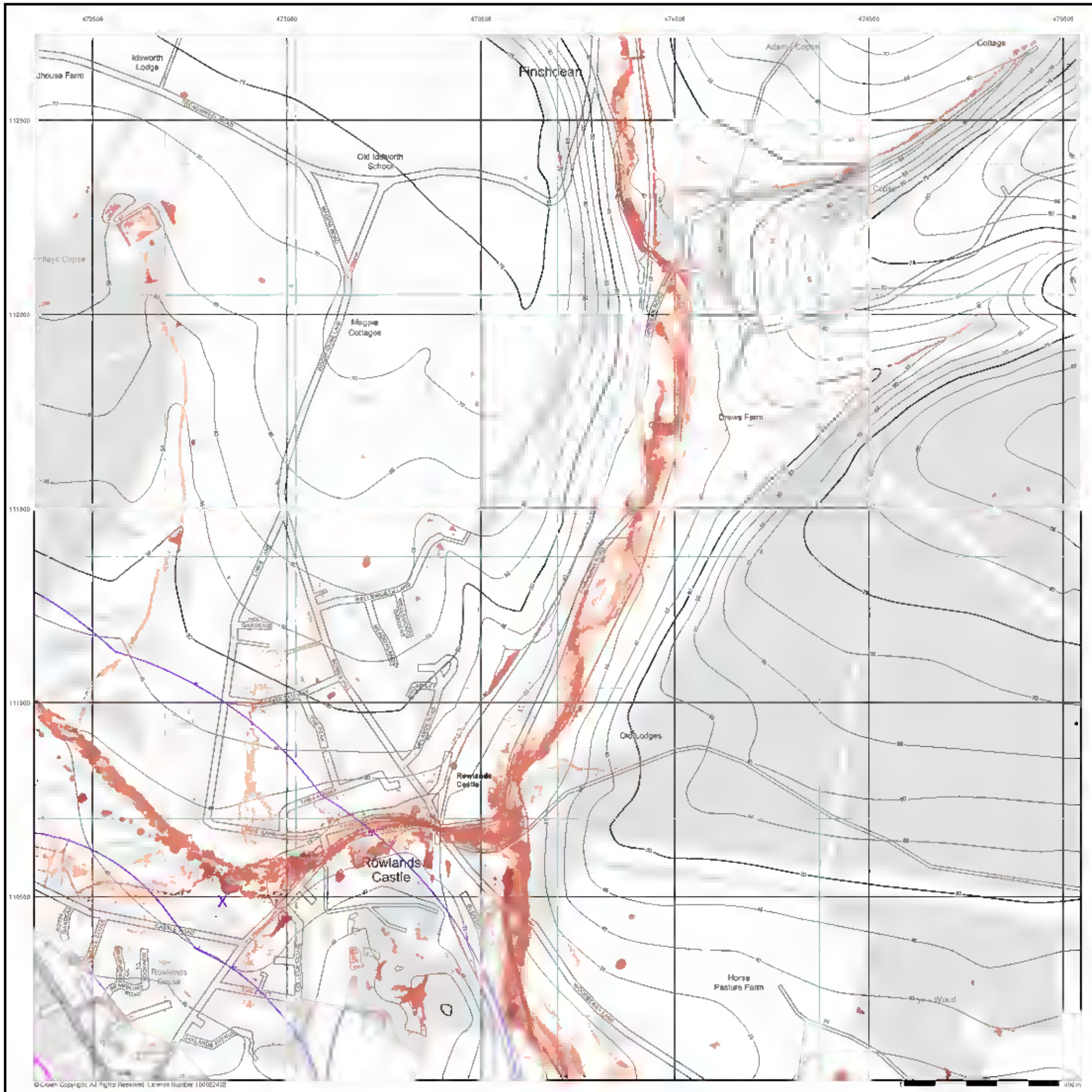
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EA/NRW Surface Water 1000 Year Return Hazard Rating Map (1:10,000)

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point

Surface Water Hazard Rating

- Low (0.5 – 0.75)
- Moderate (0.75 – 1.25)
- Significant (1.25 – 2.0)
- Extreme (>2.0)

Contours (height in metres)

Standard Contour | Master Contour | Spot Height 167.8

MLW Mean Low Water

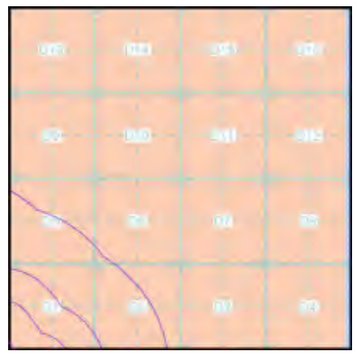
MHW Mean High Water

Suitability

See the suitability map below

- National to county
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EA/NRW Suitability Map - Slice D



N

Order Details

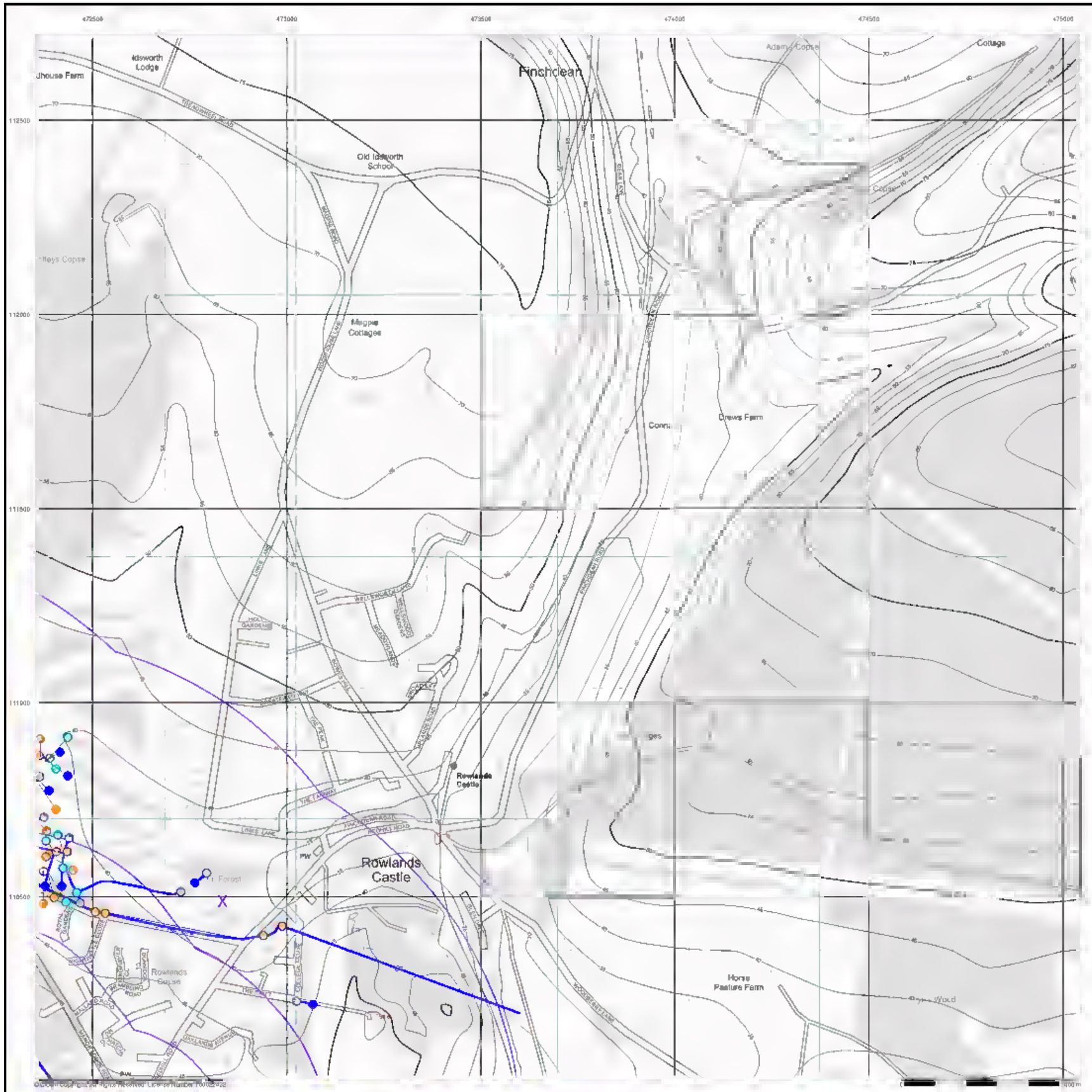
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OS Water Network Lines Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea
- Junction
- Outlet
- Pseudo
- Source
- Other

Contours (height in meters)

Standard Contour 105 100 95

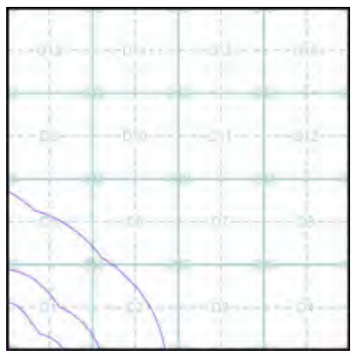
Master Contour

Spot Height 167.3

MLW Mean Low Water

MHW Mean High Water

OS Water Network Map - Slice D



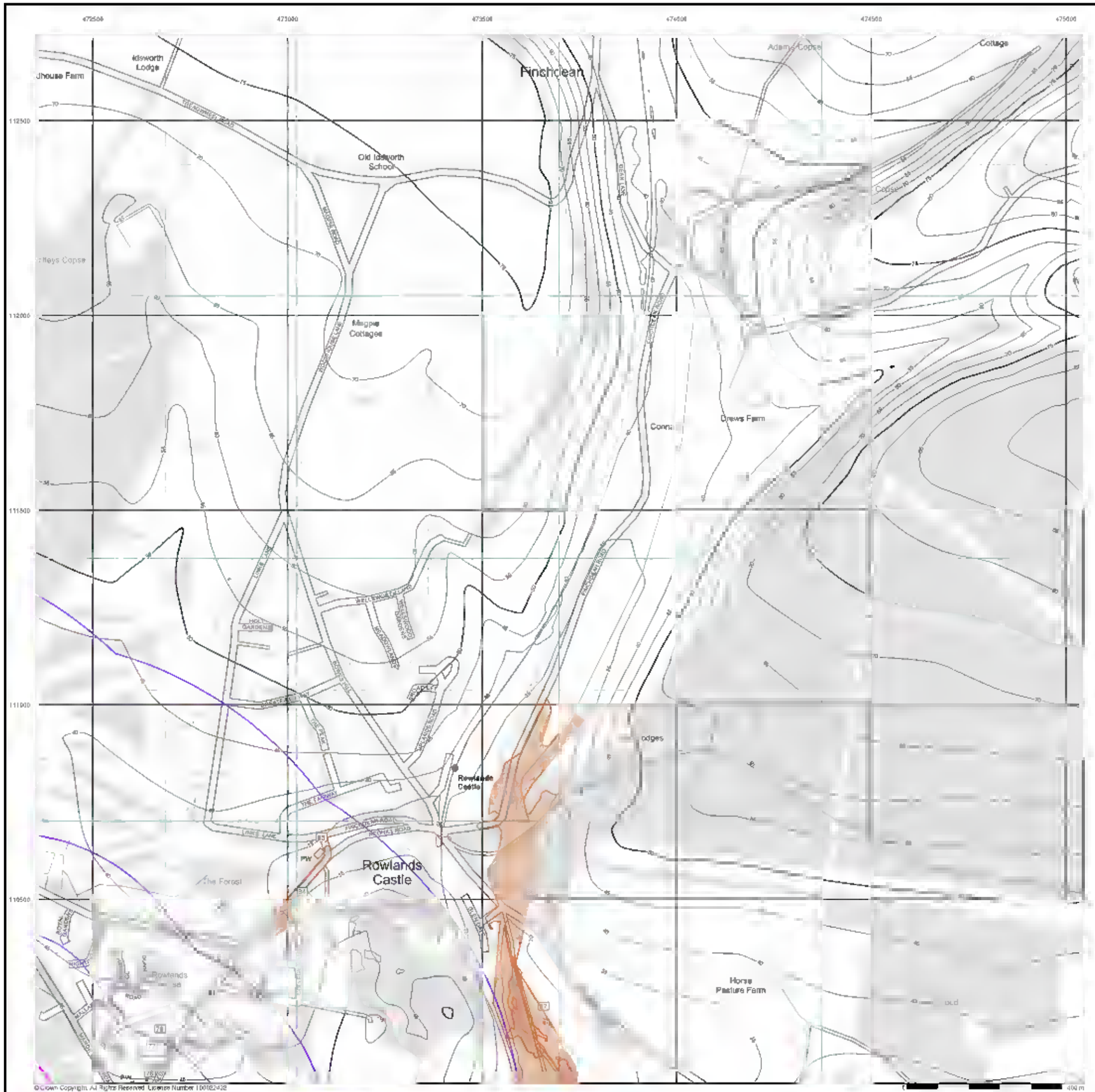
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Order Details

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Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000



ATKINS

EA/NRW Historic Flood Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

Historic Flood Events Data

- Channel Capacity Exceeded (no raised defences)
- Channel Capacity Exceeded /Surface Water
- Groundwater/High Water Table
- Local Drainage/Surface Water
- Mechanical Failure
- Obstruction/Blockage - Bridge
- Obstruction/Blockage - Channel
- Historical Flood Liabilities
- Obstruction/Blockage - Culvert
- Obstruction/Blockage - Debris Screen
- Operational Failure/ Breach of Defence
- Other
- Overtopping of Defences
- Surface Water
- Unknown

Contours (height in metres)

Standard Contour 105 100 95

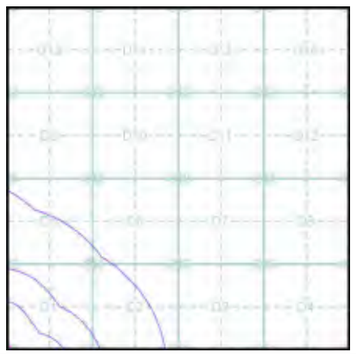
Master Contour

Spot Height *167.8

MLW Mean Low Water

MHW Mean High Water

EA/NRW Historic Flood Map - Slice D



N

Order Details

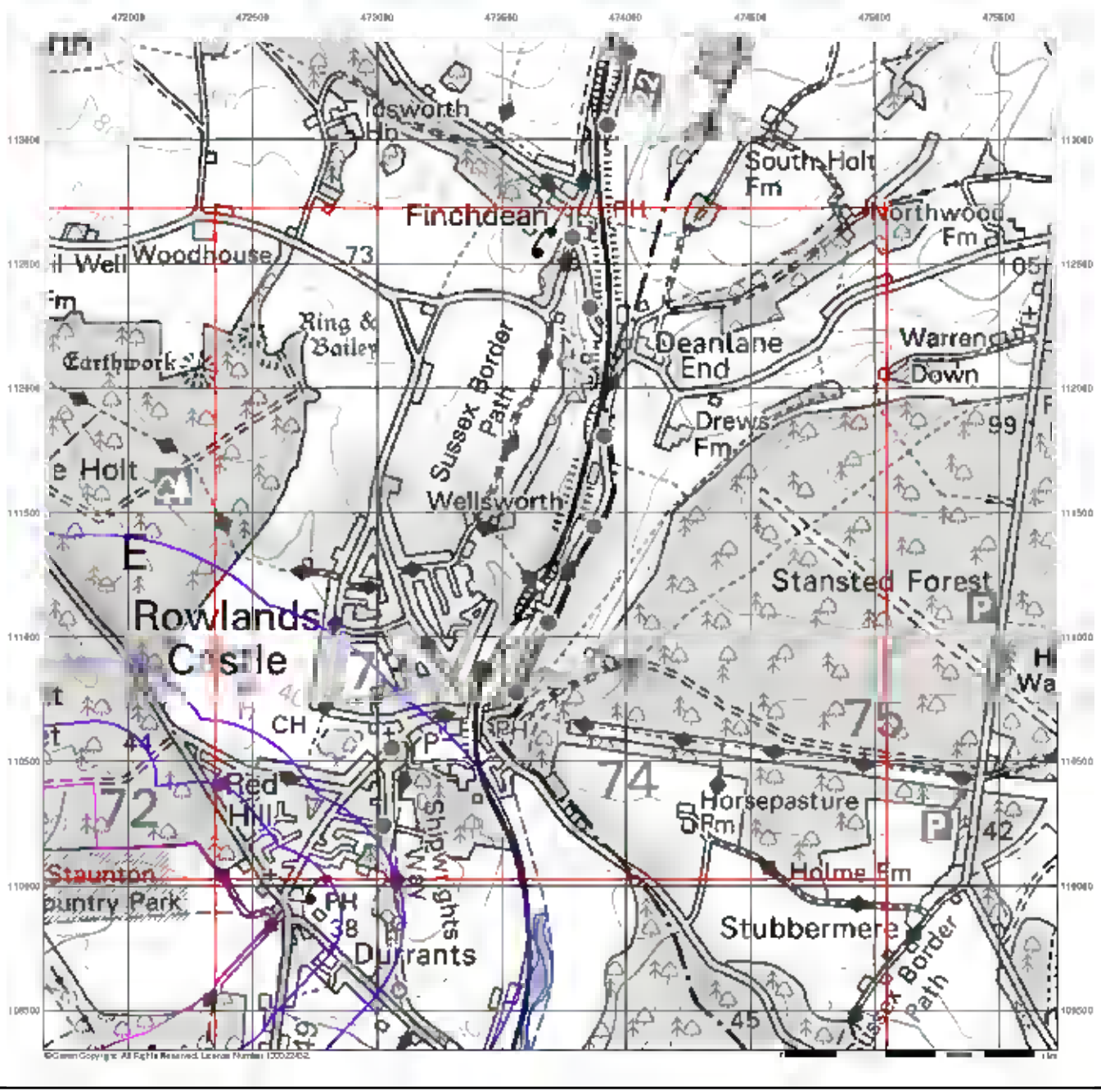
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National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

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Site at 472000, 110000

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BGS Flood Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

BGS Geological Indicators of Flooding

- Coastal
- Inland
- Bodies of Water

BGS Flood Data Map - Slice D



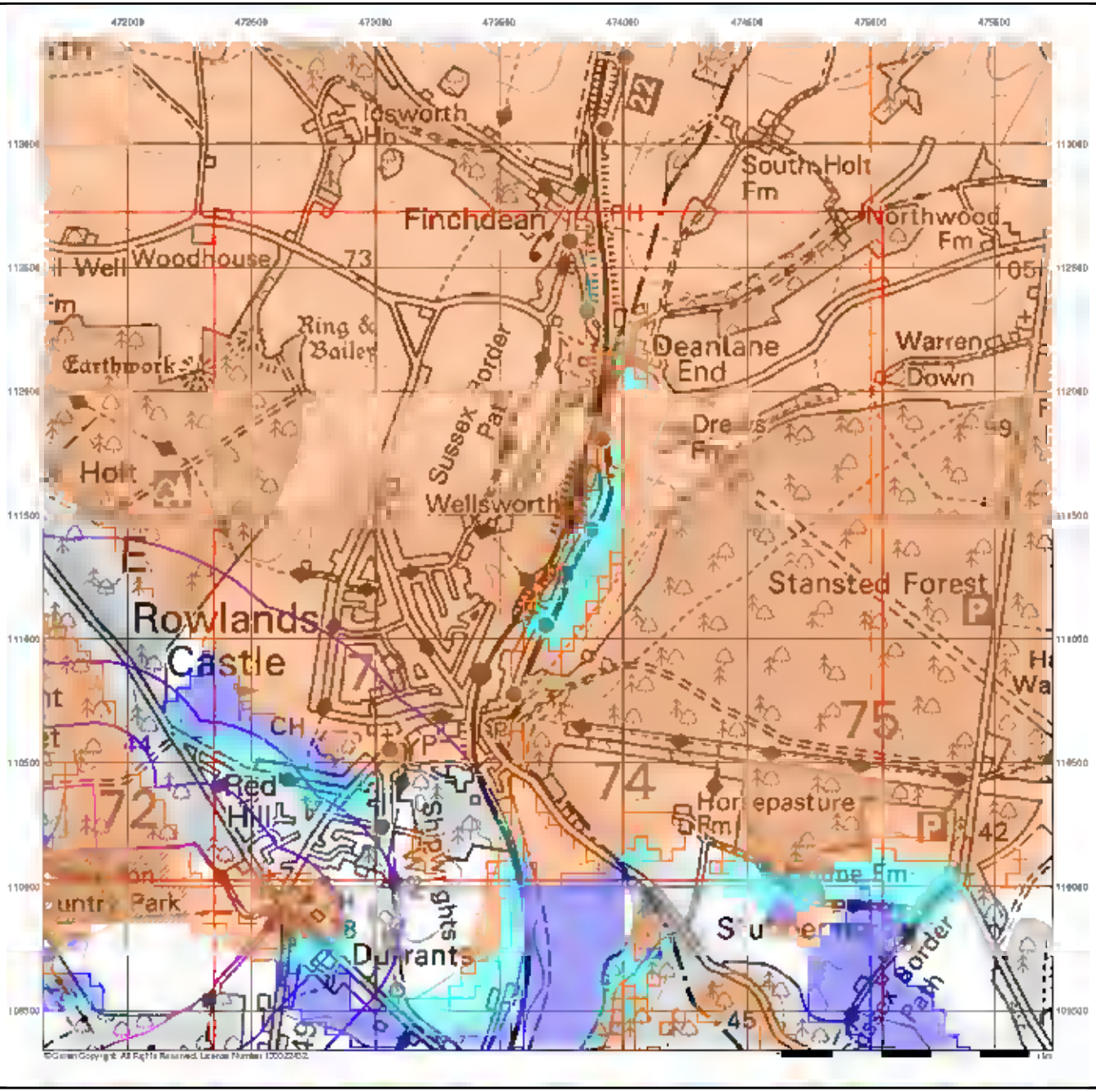
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BGS Flood Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

BGS Groundwater Flooding Susceptibility

- Potential for Groundwater Flooding to Occur at Surface
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Limited Potential for Groundwater Flooding to Occur

BGS Flood Data Map - Slice D



Order Details

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Site Area (Ha):	172.43
Search Buffer (m):	1000

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GeoSmart Information Groundwater Flood Map (1:50,000)

General

Specified Site
Specified Buffer(s)
Bearing Reference Point
Slice

GeoSmart Information Groundwater Flooding Risk

High Risk
Moderate Risk
Low Risk
Negligible Risk

GeoSmart Information Groundwater Flood Map - Slice D

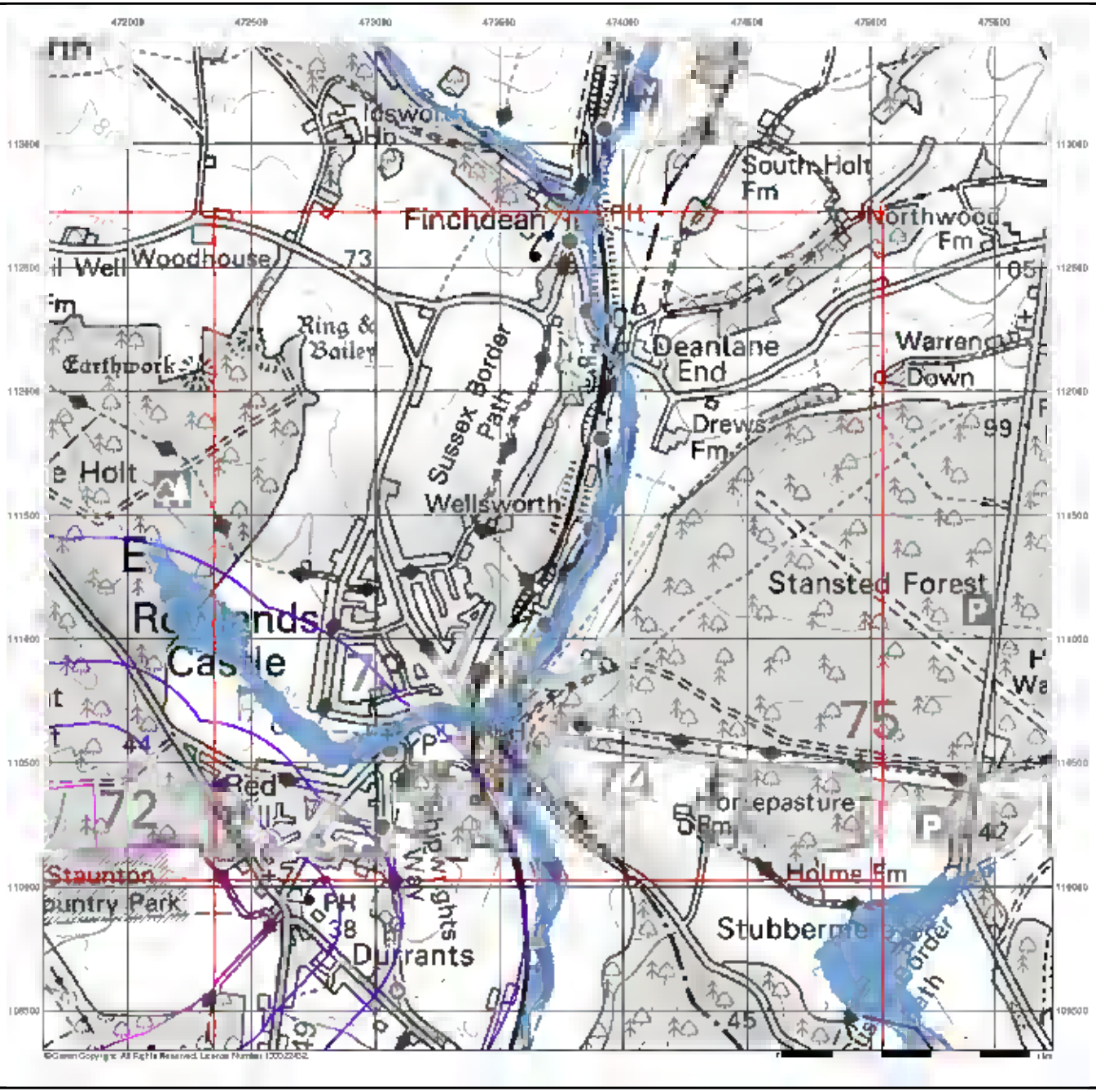


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Site Details

Site at 472000, 110000



ATKINS

EA/NRW RoFRS Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Risk of Flooding from Rivers and Sea (RoFRS)

- High Risk
- Medium Risk
- Low Risk
- Very Low Risk

EA/NRW RoFRS Data Map - Slice D



N

Order Details

Order Number:	202069335_1_1
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Web: www.envirocheck.co.uk

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Envirocheck® Report:

Flood Screening Report Datasheet

Order Details:

Order Number:
202069335_1_1

Customer Reference:
5169117

National Grid Reference:
472830, 110490

Slice:
D

Site Area (Ha):
172.43

Search Buffer (m):
1000

Site Details:

Site at 472000, 110000

Client Details:

Mr O Pengilly
Atkins Ltd
Woodcote Grove
Ashley Road
Epsom
Surrey
KT18 5BW

Landmark INFORMATION GROUP

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Contents

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer(s) selected. For ease of reference, the report is broken down into seven sections of data.	
EA / NRW / CEH Flood Data	-
This section details data from the Environment Agency/Natural Resources Wales and the Centre for Ecology and Hydrology. The EA/NRW data is reported to a distance of 250m from the edge of the site polygon and details both Zone 2 (extreme) and Zone 3 flood extents, as well as flood defences, flood water storage areas and areas benefiting from flood defences. The CEH data is reported to a distance of 250m from the edge of the site polygon and covers flood data for Scotland, divided into levels based on the frequency and magnitude of a predicted 100 year term. All data sets within this section are plotted and feature on the EA / NRW / CEH Flood Data (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	
JBA Flood Data	1
This section contains the Comprehensive Flood Map ("CFM") data from JBA Risk Management Limited. The data is based upon the likelihood of a flood occurrence for up to 4 flood return periods depending on the type of flooding; these being 75 years, 100 years, 200 years and 1000 years. Each layer being modelled at a 5m cell resolution. Each return period is depicted on a separate 1:10,000 scale map and reports features to a distance of 250m in the datasheet from the edge of the site polygon. For each return period the following three sources of flooding are identified, surface water or pluvial flooding, undefended river flooding or fluvial flooding and undefended coastal flooding. In each case the extent of the flooding source is displayed with the associated depth range. In addition, a 1:10,000 scale map depicting flooding from a Canal Failure and a coverage check for this dataset is included. Where coverage exists, information is reported in the datasheet where the site could be affected by flooding that results from a dam breach. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	
BGS Flood Data	2
This section contains two BGS data sets; namely Geological Indicators of Flooding and Groundwater Flooding Susceptibility, both of which report features out to a possible 1000m, with coverage in England, Wales and Scotland. Each data set is plotted on a seperate BGS Flood Data (1:50,000) map.	
GeoSmart Information Groundwater Flood Data	5
This section contains data provided by GeoSmart Information who, building on their expertise, have developed algorithms and calibrated predictions of the risk of groundwater flooding occurring in Great Britain. The resulting map, classifies groundwater flood risk for each 5m x 5m into four categories, negligible, low, moderate and high. These classifications are based on the level of risk, combining severity and uncertainty that a site will suffer groundwater flooding within a return period of about 200 years.	
OS Water Network Data	8
This section details the MasterMap Water Network data sourced from the Ordnance Survey. The OS MasterMap Water Network data details a network representing the watercourse within Great Britain. The OS Water Network Lines data set details the approximate central alignment of a watercourse, including rivers, lakes and canals. The OS Water Network Nodes data set details features that represent a river's source, end, a junction where three of more links meet, and places where the real world related attribution changes; for example a watercourse becoming tidal. The data sets within this section are plotted and feature on the OS Water Network Map (1:10,000) . For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	

Contents

EA/NRW Historic Flood Events Data	**15**

This section details Historic Flood data sourced from the Environment Agency/Natural Resources Wales and from data held by Landmark. The EA/NRW Historic Flood Events data is reported to a distance of 1000m from the edge of the site polygon and details recorded historic flood events from 1703 to October 2008. The data also contains information on the source and cause of the flood, and how the flood outline was established.

Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century.

Both data sets within this section are plotted and feature on the EA/NRW Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.

EA/NRW RoFRS Data	**17**

This section details the Risk of Flooding from Rivers and Sea (RoFRS) data sourced from the Environment Agency/Natural Resources Wales and is reported to a distance of 1000m from the edge of the site polygon. The RoFRS data provides an indication of areas of land at risk of flooding from rivers and the sea. These areas of land, called impacted cells, are represented as 50 metre squares, or smaller areas where a square is intersected by a river or coastline.

The average height information of the impacted cell, modelled river and sea levels and information about over 200,000 flood defences are used as inputs to a computer flood model run by the Environment Agency/Natural Resources Wales. The model compares the probability that the flood defences will overtop or breach and the distance of the impact cell from the river or the sea for 40 scenarios for probabilities of between 100% to 0.1%.

The results are then consolidated to calculate a single probability category for each impacted cell. These results have been validated by local staff using their local knowledge and expertise. RoFRS is a national flood risk assessment and does not contain information about property thresholds. Due to variations in the input data and the performance of the computer flood model at particular locations, the resulting category of an impacted cell should only be used at a specific study scale. In certain areas it would only be appropriate to compare risks between towns and counties whereas in other areas they would be more suitable for understanding risk at a street level. The level of suitability for a particular cell is indicated by the cell's suitability scale.

The data within this section is plotted and feature on the EA/NRW RoFRS Data (1:50,000) map. This dataset is not available in Scotland.

Flood Insurance Risk Data	**18**

This section contains flood risk data from Crawford and Company. This dataset is not plotted on any of the associated Flood maps.

Crawford & Co have generated an Insurance Claims rating for Flood Risk. The risk is determined by comparing the number of flood insurance claims made to the number of properties in the postcode sector. The data will also include flood claims from domestic accidents or blocked drains, as well as flooding from river or tidal events. Flood insurance claim ratings are reported for the site only.

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Data Suppliers	**22**
Useful Contacts	**23**

Report Version v53.0

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / NRW / CEH Flood Data					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
JBA Flood Data					
JBA 75 Year Return (undefended) - Pluvial	pg 1		1	n/a	n/a
JBA 75 Year Return (undefended) - Fluvial				n/a	n/a
JBA 75 Year Return (undefended) - Coastal				n/a	n/a
JBA 100 Year Return (undefended) - Fluvial				n/a	n/a
JBA 100 Year Return (undefended) - Coastal				n/a	n/a
JBA 200 Year Return (undefended) - Pluvial	pg 1		1	n/a	n/a
JBA 200 Year Return (undefended) - Fluvial				n/a	n/a
JBA 200 Year Return (undefended) - Coastal				n/a	n/a
JBA 1000 Year Return (undefended) - Pluvial	pg 1		9	n/a	n/a
JBA 1000 Year Return (undefended) - Fluvial				n/a	n/a
JBA 1000 Year Return (undefended) - Coastal				n/a	n/a
JBA Canal Failure					
JBA Dam Break					
BGS Flood Data					
BGS Geological Indicators of Flooding					
BGS Groundwater Flooding Susceptibility	pg 2	16	6	6	19
GeoSmart Information Groundwater Flood					
GeoSmart Information Groundwater Flood Risk	pg 5	9			31
OS Water Network Data					
OS Water Network Lines	pg 8		1	21	16
OS Water Network Nodes	pg 12			17	20
EA/NRW Historic Flood Events Data					
Historic Flood Events	pg 15		2	4	6
Historical Flood Liabilities					
EA/NRW RoFRS Data					
RoFRS - Risk of Flooding from Rivers and Sea	pg 17				6
Flood Insurance Risk Data					
Postcode Sector Flood Insurance Claim Ratings	pg 18	1	n/a	n/a	n/a

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	234	2	472590 110185
	JBA 75 Year Return (undefended) - Fluvial None				
	JBA 75 Year Return (undefended) - Coastal None				
	JBA 100 Year Return (undefended) - Fluvial None				
	JBA 100 Year Return (undefended) - Coastal None				
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	234	2	472600 110190
	JBA 200 Year Return (undefended) - Fluvial None				
	JBA 200 Year Return (undefended) - Coastal None				
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	219	2	472660 110125
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	224	2	472665 110120
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	224	2	472675 110110
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	233	2	472675 110120
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	233	2	472570 110205
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	233	2	472605 110195
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	D1SW (SW)	235	2	472570 110200
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	242	2	472575 110200
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	D1SW (SW)	243	2	472580 110195
	JBA 1000 Year Return (undefended) - Fluvial None				
	JBA 1000 Year Return (undefended) - Coastal None				
	JBA Canal Failure Coverage Coverage: This area has not been mapped for risk of flooding from canal or aqueduct failure or breach.	D1NE (NW)	0	2	472835 110490
	JBA Canal Failure None				
	JBA Dam Break Coverage Coverage: This area has been mapped for flooding from dam or reservoir embankment failure or breach.	D1NE (NW)	0	2	472835 110490
	JBA Dam Break None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	3	471700 109850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	3	471850 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	3	471900 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	3	471800 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	3	472500 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	3	472835 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	3	471700 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	3	471750 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	3	471700 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	3	471850 109550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	3	472250 110150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1SE (S)	0	3	472750 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	3	472800 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	3	471700 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	3	471900 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	3	471700 110200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	7	3	472600 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	80	3	472850 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	83	3	472835 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	115	3	472650 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	151	3	472700 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	246	3	472850 109850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NW (W)	327	3	472500 110490
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NE (W)	351	3	472750 110490
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	374	3	472200 110650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	387	3	472250 110600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	D1NE (NW)	407	3	472835 110490
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1SE (S)	434	3	472800 110350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	550	3	473550 109950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1NE (NE)	574	3	472850 110500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2SW (SE)	591	3	473150 110200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	591	3	473100 109550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D1NE (E)	622	3	472950 110450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	746	3	473400 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	755	3	473450 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	795	3	473400 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	854	3	473450 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2SE (SE)	855	3	473450 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2SE (SE)	863	3	473450 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	895	3	473500 109950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	898	3	473500 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D2SE (SE)	904	3	473500 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2SE (SE)	923	3	473500 110200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D2SE (E)	953	3	473500 110250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D2SE (E)	954	3	473550 110200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	D2SE (E)	971	3	473500 110300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D2NE (E)	1000	3	473550 110450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SW)	0	2	471670 109670
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SW)	0	2	471675 109665
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(W)	0	2	471685 110200
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SW)	0	2	471695 109735
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(SW)	0	2	471700 109720
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(W)	0	2	471690 110205
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SW)	0	2	471730 109575
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(SW)	0	2	471895 109585
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	D1NE (NW)	0	2	472835 110490
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D2SE (E)	585	2	473505 110320
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (N)	608	2	472815 110545
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (E)	609	2	472945 110450
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (NW)	630	2	472780 110570
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (NE)	639	2	472840 110500
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (NW)	640	2	472795 110560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (NW)	647	2	472800 110565
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (N)	651	2	472840 110515
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (E)	657	2	472900 110485
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (E)	659	2	472935 110460
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (E)	660	2	472980 110440
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (N)	661	2	472840 110530
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (E)	665	2	472895 110490
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (E)	665	2	472885 110490
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (E)	667	2	472880 110495
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (E)	680	2	472895 110505
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (NE)	708	2	472885 110550
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(S)	712	2	473100 109360
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (NE)	723	2	472900 110555
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D1NE (NE)	726	2	472900 110580
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	D1NE (E)	759	2	472980 110545
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(S)	790	2	473210 109365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	D2NW (E)	814	2	473070 110550
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(S)	822	2	473235 109345
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(SE)	878	2	473385 109470
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	D2NW (NE)	902	2	473040 110675
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	(SE)	935	2	473460 109495
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D2SE (E)	974	2	473510 110330
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(SE)	975	2	473580 109975
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	D2NW (E)	986	2	473335 110535
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	(SE)	1000	2	473600 109735

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 372.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	(SW)	2	4	472340 110101
2	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 365.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	358	4	472506 110462
3	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	368	4	472526 110458
4	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 32.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	371	4	472384 110560
5	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: East Hampshire	D1NW (W)	374	4	472466 110495
6	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 420.8 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NE (S)	377	4	472824 110398
7	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 47.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	383	4	472419 110527
8	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 76.2 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: East Hampshire	D1NW (W)	384	4	472458 110511
9	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 279.1 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: East Hampshire	D1NE (W)	384	4	472726 110513

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	403	4	472384 110560
11	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: Underground Primacy: 2 Permanent: True Catchment Name: East Hampshire	D1NW (W)	407	4	472373 110566
12	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: East Hampshire	D1NW (W)	407	4	472384 110564
13	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 238.0 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: East Hampshire	D1NW (W)	407	4	472371 110566
14	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	408	4	472395 110597
15	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 38.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	429	4	472422 110575
16	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 216.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	434	4	472402 110618
17	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	443	4	472396 110602
18	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	447	4	472402 110618

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	465	4	472406 110617
20	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	465	4	472409 110616
21	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 15.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	465	4	472424 110613
22	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 42.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (W)	466	4	472433 110637
23	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NW (NW)	526	4	472352 110698
24	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	534	4	472374 110706
25	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 41.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D2SW (SE)	553	4	473025 110232
26	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	(NW)	600	4	472344 110770
27	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 39.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NE (NW)	604	4	472780 110549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 61.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NE (SE)	616	4	472939 110401
29	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	627	4	472348 110809
30	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	628	4	472360 110805
31	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 81.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	644	4	472361 110864
32	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 651.9 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	D1NE (SE)	665	4	472988 110425
33	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	673	4	472363 110863
34	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	674	4	472383 110854
35	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	679	4	472383 110854
36	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	682	4	472386 110849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	683	4	472386 110857
38	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: East Hampshire	D5SW (NW)	687	4	472389 110858
39	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (W)	368	4	472506 110462
40	**OS Water Network Nodes** Hydronode Category: Source	D1NW (W)	371	4	472376 110528
41	**OS Water Network Nodes** Hydronode Category: Outlet	D1NW (W)	374	4	472466 110495
42	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (W)	377	4	472526 110458
43	**OS Water Network Nodes** Hydronode Category: Source	D1NW (W)	383	4	472419 110527
44	**OS Water Network Nodes** Hydronode Category: Junction	D1NW (W)	384	4	472458 110511
45	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (W)	403	4	472384 110560
46	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (W)	407	4	472373 110566
47	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (W)	407	4	472371 110566
48	**OS Water Network Nodes** Hydronode Category: Junction	D1NW (W)	408	4	472384 110564
49	**OS Water Network Nodes** Hydronode Category: Junction	D1NW (W)	429	4	472422 110575
50	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (W)	443	4	472395 110597
51	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (W)	447	4	472396 110602
52	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (W)	465	4	472409 110616
53	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (W)	465	4	472406 110617
54	**OS Water Network Nodes** Hydronode Category: Junction	D1NW (W)	465	4	472402 110618

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	**OS Water Network Nodes** Hydronode Category: Junction	D1NW (W)	466	4	472424 110613
56	**OS Water Network Nodes** Hydronode Category: Outlet	D1NW (W)	508	4	472439 110653
57	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NW (NW)	534	4	472352 110698
58	**OS Water Network Nodes** Hydronode Category: Outlet	D5SW (NW)	545	4	472374 110706
59	**OS Water Network Nodes** Hydronode Category: Outlet	D2SW (SE)	553	4	473025 110232
60	**OS Water Network Nodes** Hydronode Category: Outlet	D1NE (W)	560	4	472726 110513
61	**OS Water Network Nodes** Hydronode Category: Source	D2SW (SE)	579	4	473065 110224
62	**OS Water Network Nodes** Hydronode Category: Source	D1NE (NW)	604	4	472763 110537
63	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NE (SE)	616	4	472939 110401
64	**OS Water Network Nodes** Hydronode Category: Pseudo	D5SW (NW)	628	4	472348 110809
65	**OS Water Network Nodes** Hydronode Category: Source	D5SW (NW)	631	4	472358 110802
66	**OS Water Network Nodes** Hydronode Category: Outlet	D5SW (NW)	638	4	472362 110809
67	**OS Water Network Nodes** Hydronode Category: Outlet	D1NE (NW)	643	4	472793 110562
68	**OS Water Network Nodes** Hydronode Category: Pseudo	D1NE (SE)	665	4	472988 110425
69	**OS Water Network Nodes** Hydronode Category: Pseudo	D5SW (NW)	673	4	472361 110864
70	**OS Water Network Nodes** Hydronode Category: Pseudo	D5SW (NW)	674	4	472363 110863
71	**OS Water Network Nodes** Hydronode Category: Source	D5SW (NW)	679	4	472379 110852
72	**OS Water Network Nodes** Hydronode Category: Source	D5SW (NW)	682	4	472386 110849
73	**OS Water Network Nodes** Hydronode Category: Junction	D5SW (NW)	683	4	472383 110854
74	**OS Water Network Nodes** Hydronode Category: Junction	D5SW (NW)	687	4	472386 110857

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	**OS Water Network Nodes** Hydronode Category: Outlet	D5SW (NW)	690	4	472389 110858

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1SW (SW)	143	1	472659 110076
77	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1SW (SW)	225	1	472652 110134
78	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1SE (S)	258	1	472700 110136
79	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1SW (SW)	276	1	472672 110172
80	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1SE (S)	364	1	472823 110198
81	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1SE (S)	419	1	472813 110270
82	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1NE (S)	514	1	472835 110365
83	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1SE (S)	517	1	472892 110327
84	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1NE (E)	636	1	472965 110439

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D2NW (NE)	903	1	473075 110656
86	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D2NE (E)	990	1	473507 110453
87	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st December 2002 Flood Event End Date: 1st March 2003	D2NE (E)	993	1	473557 110426

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	D1NE (NW)	574	1	472835 110490
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	(NW)	681	1	472300 110945
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	(NW)	772	1	472150 111130
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	(NW)	782	1	472150 111140
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	D1NE (NE)	867	1	473015 110650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	D2NW (NE)	969	1	473200 110645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Postcode Sector Flood Insurance Claim Ratings Insurance Rating: Low Flood Insurance Claim Rating Postcode Sector: PO9 6	D1NE (NW)	0	2	472835 110490

EA / NRW / CEH Flood Data	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2019	Quarterly
Flood Defences Environment Agency - Head Office	February 2019	Quarterly
EA / NRW Surface Water Flood Data	**Version**	**Update Cycle**
Surface Water 1 in 30 year Flood Depth Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Depth Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Depth Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 30 year Flood Velocity Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Velocity Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Velocity Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 30 year Flood Flow Direction 25m Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Flow Direction 25m Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Flow Direction 25m Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 30 year Flood Hazard Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Hazard Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Hazard Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually

JBA Flood Data	Version	Update Cycle
JBA 75 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2018	Annually
JBA 75 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2018	Annually
JBA 75 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2018	Annually
JBA 100 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2018	Annually
JBA 100 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2018	Annually
JBA 200 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2018	Annually
JBA 200 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2018	Annually
JBA 200 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2018	Annually
JBA 1000 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2018	Annually
JBA 1000 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2018	Annually
JBA 1000 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2018	Annually
JBA Canal Failure JBA Risk Management Limited	November 2018	Annually
JBA Dam Break JBA Risk Management Limited	November 2018	Annually
BGS Flood Data	**Version**	**Update Cycle**
BGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	February 2011	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
GeoSmart Information Groundwater Flooding Data	**Version**	**Update Cycle**
GeoSmart Information Groundwater Flood Risk GeoSmart Information Ltd	November 2017	Bi-Annually
OS Water Network Data	**Version**	**Update Cycle**
OS Water Network Lines Ordnance Survey	January 2019	Quarterly
OS Water Network Nodes Ordnance Survey	January 2019	Quarterly
EA/NRW Historic Flood Events Data	**Version**	**Update Cycle**
Historic Flood Events Environment Agency - Head Office	February 2019	Quarterly
Historical Flood Liabilities Landmark Information Group Limited	December 1999	Not Applicable

EA/NRW Risk of Flooding from Rivers and Sea (RoFRS)	Version	Update Cycle
RoFRS - Risk of Flooding from Rivers and Sea Environment Agency - Head Office	February 2019	Annually
Flood Insurance Risk Data	**Version**	**Update Cycle**
Postcode Sector Flood Insurance Claim Ratings Crawford and Company	July 2018	Quarterly

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Centre for Ecology and Hydrology	CEH Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
British Geological Survey	BGS British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
GeoSmart Information	GeoSmart Information
JBA Risk Management	JBA risk management

Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
2	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
3	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409

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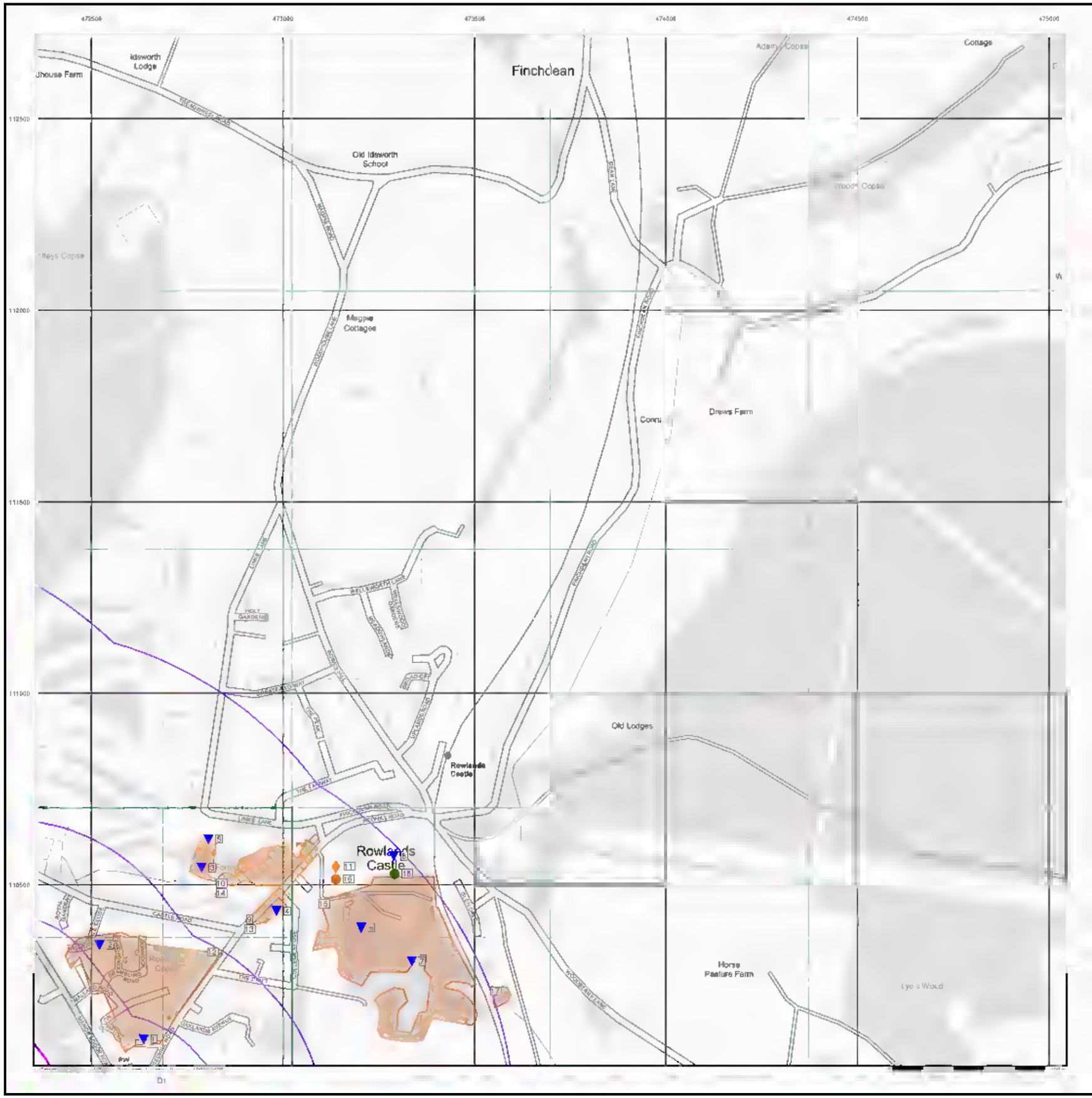
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Historical Land Use Information (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID

Several of Type at Location

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts	◆		
Disturbed Ground	◆		
General Quarrying	◆		
Heap, unknown constituents	◆		
Mineral Railway	◆		
Mining and Quarrying General	◆		
Mining of Coal & Lignite	◆		
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits	◆		

Historical Land Use

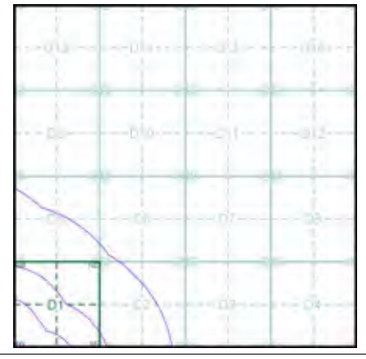
	Point	Line	Polygon
Potentially Infilled Land (Non-Water)	●		
Potentially Infilled Land (Water)	●		
Former Marsh	✠		

Mining Data

Potential Mining Area

BGS Recorded Mineral Site

Mining and Ground Stability - Slice D



Order Details

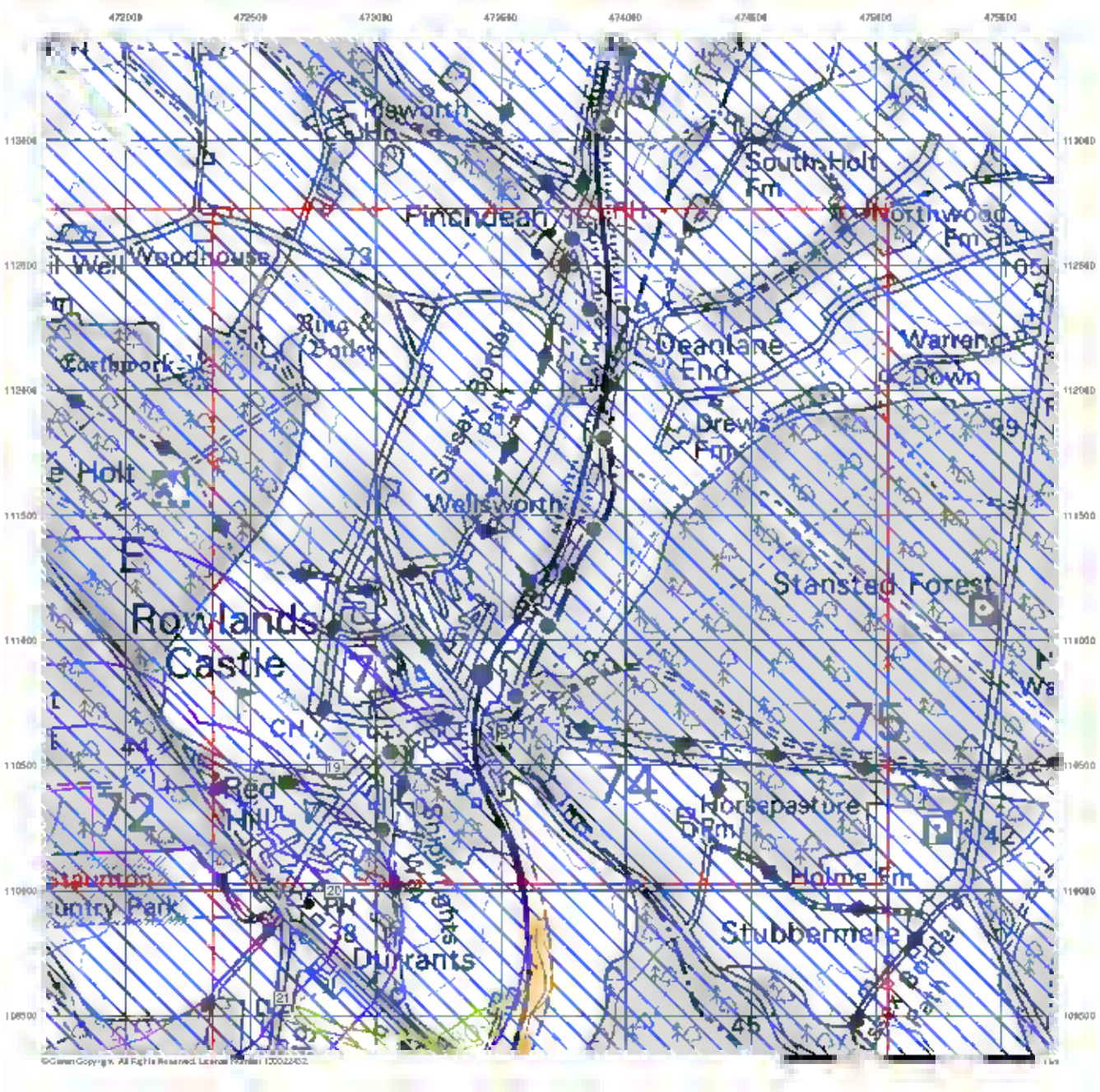
Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



ATKINS

Ground Stability Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Potential for Compressible Ground Stability Hazards

High | Low | Moderate | Very Low

Potential for Collapsible Ground Stability Hazards

High | Low | Moderate | Very Low

Brine Pumping and Salt Mining

	Point	Polygon
Brine Pumping Related Feature	▲	▨
Salt Mining Related Feature	▲	▨

Mining and Ground Stability - Slice D



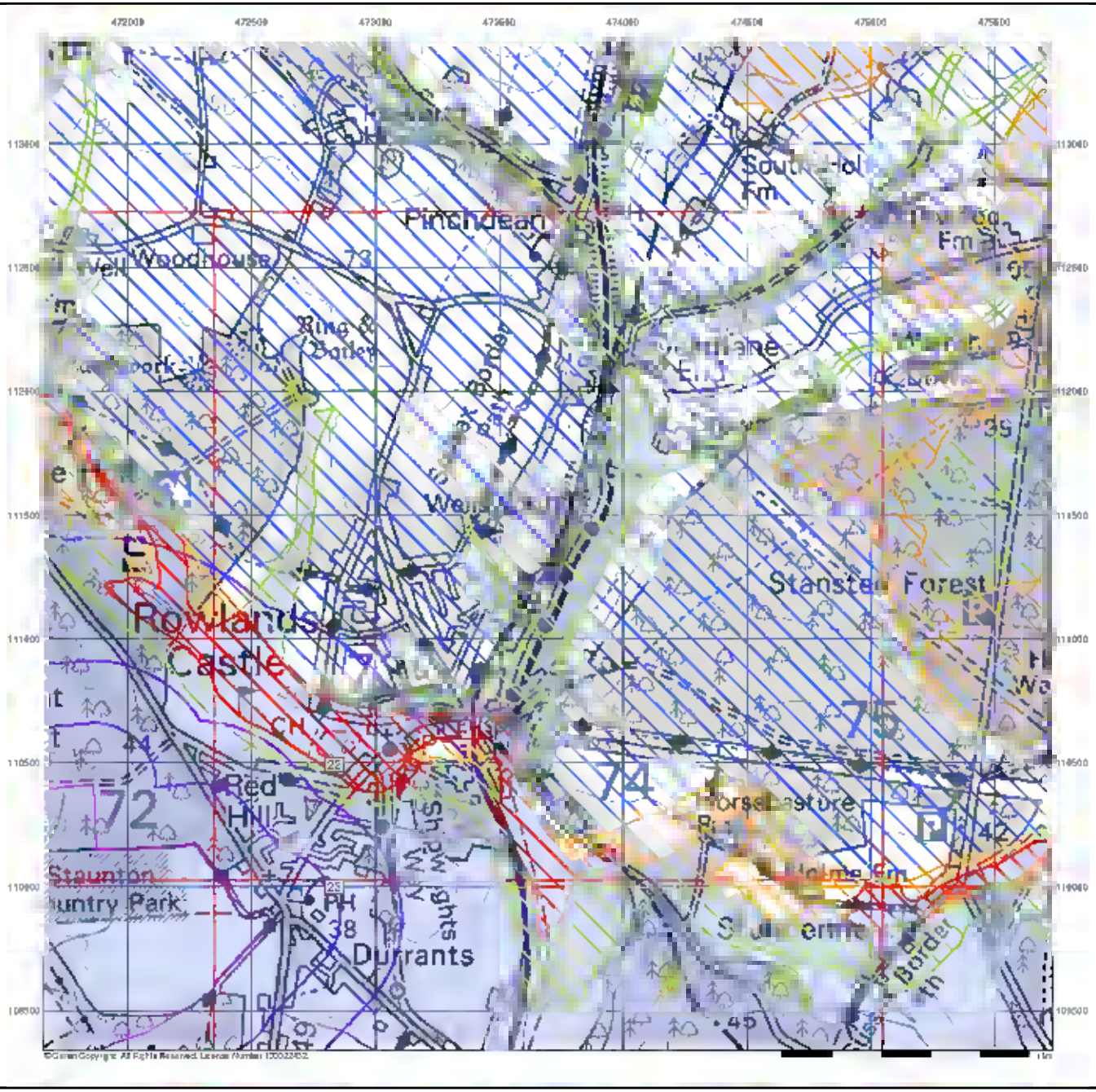
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



ATKINS

Ground Stability Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Potential for Landslide Ground Stability Hazards

High | Low
Moderate | Very Low

Potential for Ground Dissolution Stability Hazards

High | Low
Moderate | Very Low

Mining and Ground Stability - Slice D



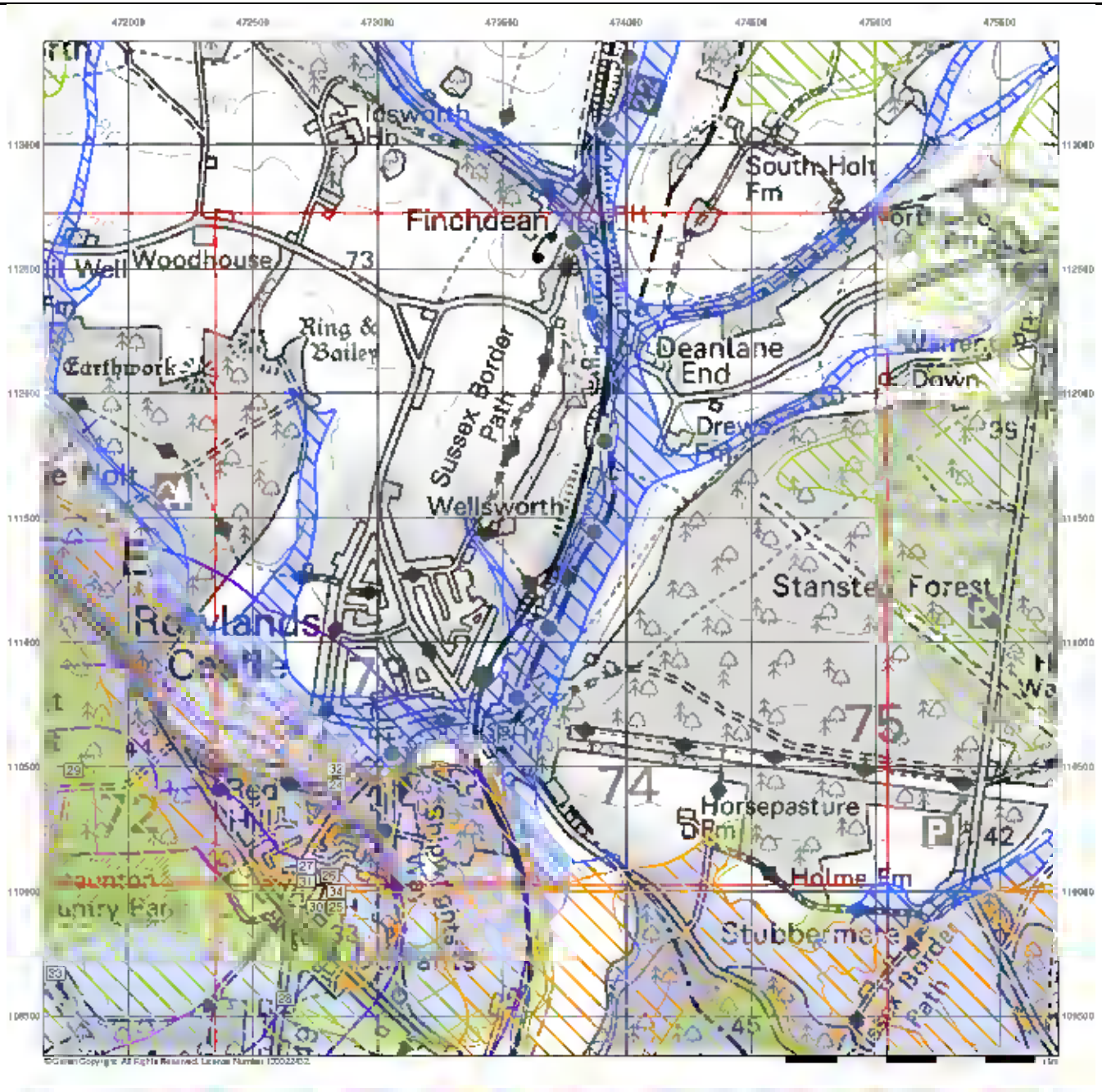
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



ATKINS

Ground Stability Data (1:50,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Potential for Running Sand Ground Stability Hazards

High | Low | Moderate | Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

High | Low | Moderate | Very Low

Mining and Ground Stability - Slice D



N

Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Envirocheck® Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:
202069335_1_1

Customer Reference:
5169117

National Grid Reference:
472830, 110490

Slice:
D

Site Area (Ha):
172.43

Search Buffer (m):
1000

Site Details:

Site at 472000, 110000

Client Details:

Mr O Pengilly
Atkins Ltd
Woodcote Grove
Ashley Road
Epsom
Surrey
KT18 5BW

ATKINS

Contents

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	-
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	4
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	5
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	7
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	8
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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1		1	1	6
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities	pg 2			1	1
Mining Instability			n/a	n/a	n/a
Natural Cavities	pg 2				16
Non Coal Mining Areas of Great Britain	pg 3	Yes		n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)				n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits	pg 4				3
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 4		1		5
Potentially Infilled Land (Water)	pg 4				1

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Salt Mining Related Features					
Subsidence Insurance Claims	pg 6		1	n/a	n/a
Subsidence Investigations	pg 6		3	n/a	n/a

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**BGS Recorded Mineral Sites** Site Name: Red Hill Brick And Tile Works Location: Rowlands Castle, Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162696 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	D1SW (SW)	205	1	472635 110101
2	**BGS Recorded Mineral Sites** Site Name: Castle Road Clay Pit Location: Red Hill, Rowlands Castle, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 153530 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	D1SW (SW)	296	1	472520 110348
3	**BGS Recorded Mineral Sites** Site Name: The Forest Gravel Pits Location: Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162771 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	D1NE (NW)	631	1	472787 110549
4	**BGS Recorded Mineral Sites** Site Name: Red Hill Chalk Pit Location: Red Hill, Rowlands Castle, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 153531 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Tarrant Chalk Member Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	D1NE (E)	670	1	472982 110436
5	**BGS Recorded Mineral Sites** Site Name: The Forest Gravel Pits Location: Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162772 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	D1NE (N)	690	1	472804 110623
6	**BGS Recorded Mineral Sites** Site Name: Red Hill Brick & Tile Works Location: Red Hill, Rowlands Castle, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 153532 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	D2NW (E)	792	1	473203 110392

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**BGS Recorded Mineral Sites** Site Name: Red Hill Brick & Tile Works Location: Rowlands Castle, Havant, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 153534 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	D2SW (E)	849	1	473335 110305
8	**BGS Recorded Mineral Sites** Site Name: Deerlean Chalk Pit Location: Rowlands Castle, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162770 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Tarrant Chalk Member Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	D2NW (E)	981	1	473288 110579
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Man Made Mining Cavities Cavity Type: Historical Brick and Tile Works/Extensive Clay Pits-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: No Details	D1SW (SW)	269	2	472600 110200
	Man Made Mining Cavities Cavity Type: Historical Brick and Tile Works/Extensive Clay Pits-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: No Details	D2NW (E)	873	2	473300 110400
	Natural Cavities Cavity Type: Swallow Hole x 9 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (NW)	522	2	472812 110512
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NW (NW)	572	2	472560 110670
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NW (NW)	581	2	472520 110700
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NW (NW)	587	2	472620 110650
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (NW)	592	2	472690 110600
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NW (NW)	595	2	472660 110630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (NW)	599	2	472710 110590
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	607	2	472460 110750
	Natural Cavities Cavity Type: Unknown x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (SE)	631	2	472870 110460
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group Superficial Geology Detail: Head	D5SW (NW)	634	2	472450 110780
	Natural Cavities Cavity Type: Sinkhole x 1, Swallow Hole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (SE)	653	2	473000 110400
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	658	2	472430 110810
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	684	2	472370 110870
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	690	2	472350 110900
	Natural Cavities Cavity Type: Swallow Hole Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D5SW (NW)	700	2	472400 110860
	Natural Cavities Cavity Type: Sinkhole x 1, Solution Pipe x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Head	D1NE (NE)	817	2	473000 110600
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	D1SE (S)	0	1	472713 110039
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1899	D1NE (SE)	596	-	472912 110410
10	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1899	D1NE (N)	598	-	472838 110504
11	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1914	D2NW (E)	855	-	473137 110549
12	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D1SE (S)	155	-	472816 110324
13	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D1NE (SE)	596	-	472912 110410
14	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D1NE (N)	598	-	472838 110504
15	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D2NW (E)	656	-	473107 110450
16	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D2NW (E)	855	-	473137 110549
17	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	D2SE (E)	997	-	473554 110223
18	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1914	D2NW (E)	950	-	473291 110529

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
19	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
20	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	472835 110000
21	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	225	1	472629 109569
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	472835 110000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	472835 110000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	D1NE (SW)	0	1	472769 110404
22	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
23	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	472835 110000
24	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
25	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	472835 110000
26	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	472780 110000
27	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1SE (S)	0	1	472713 110039
28	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	225	1	472629 109569
29	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(W)	0	1	471780 110484
30	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	472780 110000
31	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	D1SE (S)	0	1	472713 110039
32	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	D1NE (NW)	0	1	472835 110490
33	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	471706 109669

Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(S)	216	1	472835 110000
	Subsidence Investigations Site Investigation Date: 30th June 2003 Root Survey: No CCTV Drain Survey: Yes Depth of Foundation Footing: Not Supplied Soil Classification: Not Supplied			-	
	Subsidence Investigations Site Investigation Date: 31st August 2011 Root Survey: No CCTV Drain Survey: No Depth of Foundation Footing: Not Supplied Soil Classification: Not Supplied			-	
	Subsidence Investigations Site Investigation Date: 4th April 2007 Root Survey: No CCTV Drain Survey: No Depth of Foundation Footing: Not Supplied Soil Classification: Not Supplied			-	
	Subsidence Insurance Claims Case Date: 4th February 2015 Movement Trend Indication: Not Supplied Damage Classification: Not Supplied			-	

Historical Map List

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SU7210	1970
Ordnance Survey Plan	SU7310	1970

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Sussex	047_00	1880
Hampshire & Isle Of Wight	068_00	1880
Hampshire & Isle Of Wight	068_SE	1898
Sussex	047_NW	1899
Sussex	047_SW	1899
Hampshire & Isle Of Wight	068_SE	1909
Sussex	047_NW	1914
Sussex	047_SW	1914
Hampshire & Isle Of Wight	068_SE	1931
Ordnance Survey Plan	SU71SE	1962
Ordnance Survey Plan	SU71SW	1962
1:10,000	**Mapsheet**	**Published Date**
Ordnance Survey Plan	SU71SE	1973
Ordnance Survey Plan	SU71SW	1992

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2018	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Peter Brett Associates	October 2018	Bi-Annually
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural Cavities Peter Brett Associates	October 2018	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	**Version**	**Update Cycle**
Subterranean Features Landmark Information Group Limited	March 2019	Bi-Annually
Ground Stability Data (1:50,000)	**Version**	**Update Cycle**
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Subsidence Insurance Claims SP Property Services	October 2018	Quarterly
Subsidence Investigations CET Structures Ltd	July 2018	Quarterly
Brine Subsidence Solution Area Johnson Poole & Bloomer	January 2015	Annual Rolling Update

Data Suppliers

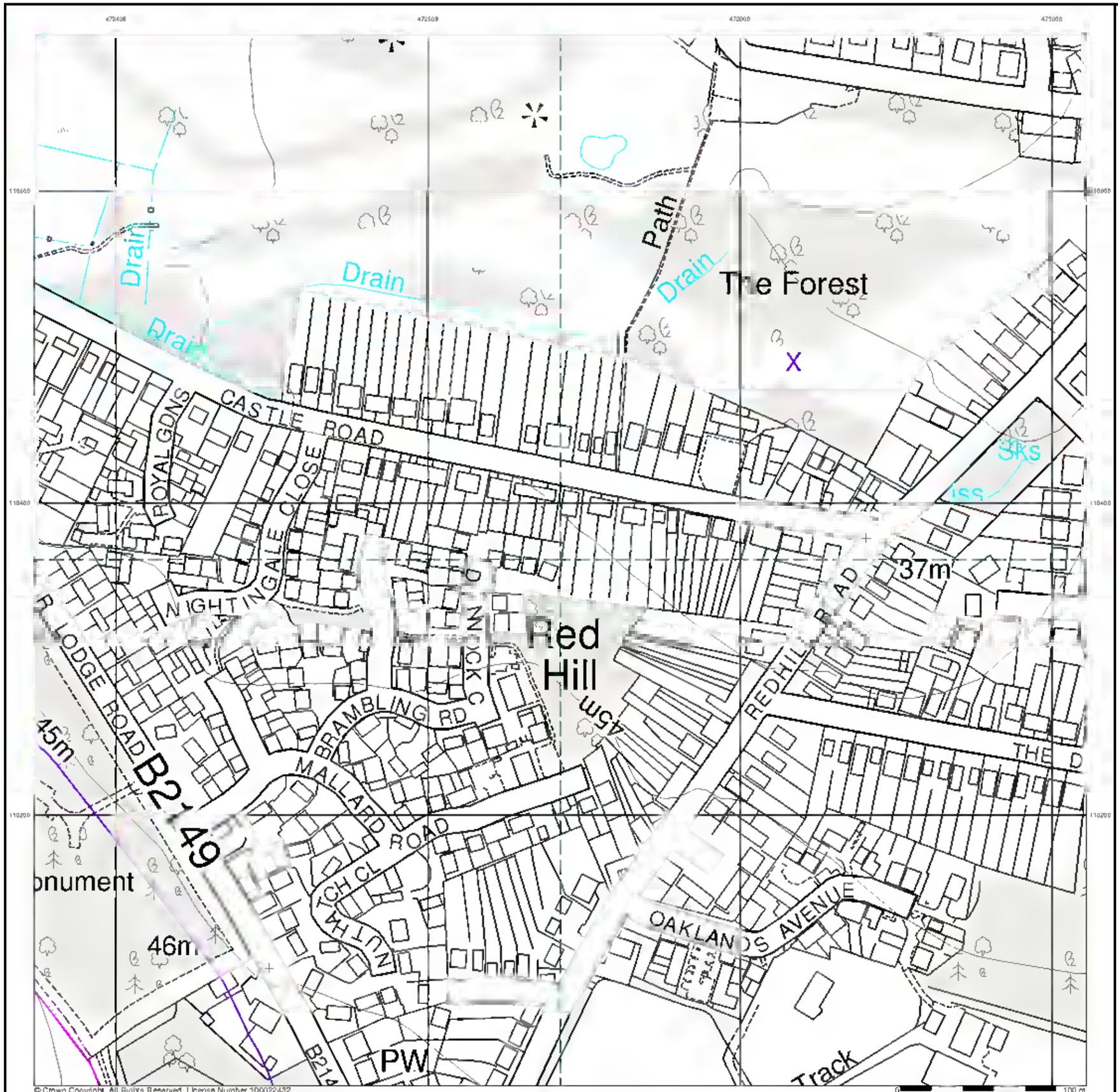
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Peter Brett Associates	
Wardell Armstrong	
Johnson Poole & Bloomer	

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Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Peter Brett Associates** Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk



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Historical Land Use Information (1:2,500)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID | Several of Type at Location

Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▦
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▥

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment D1



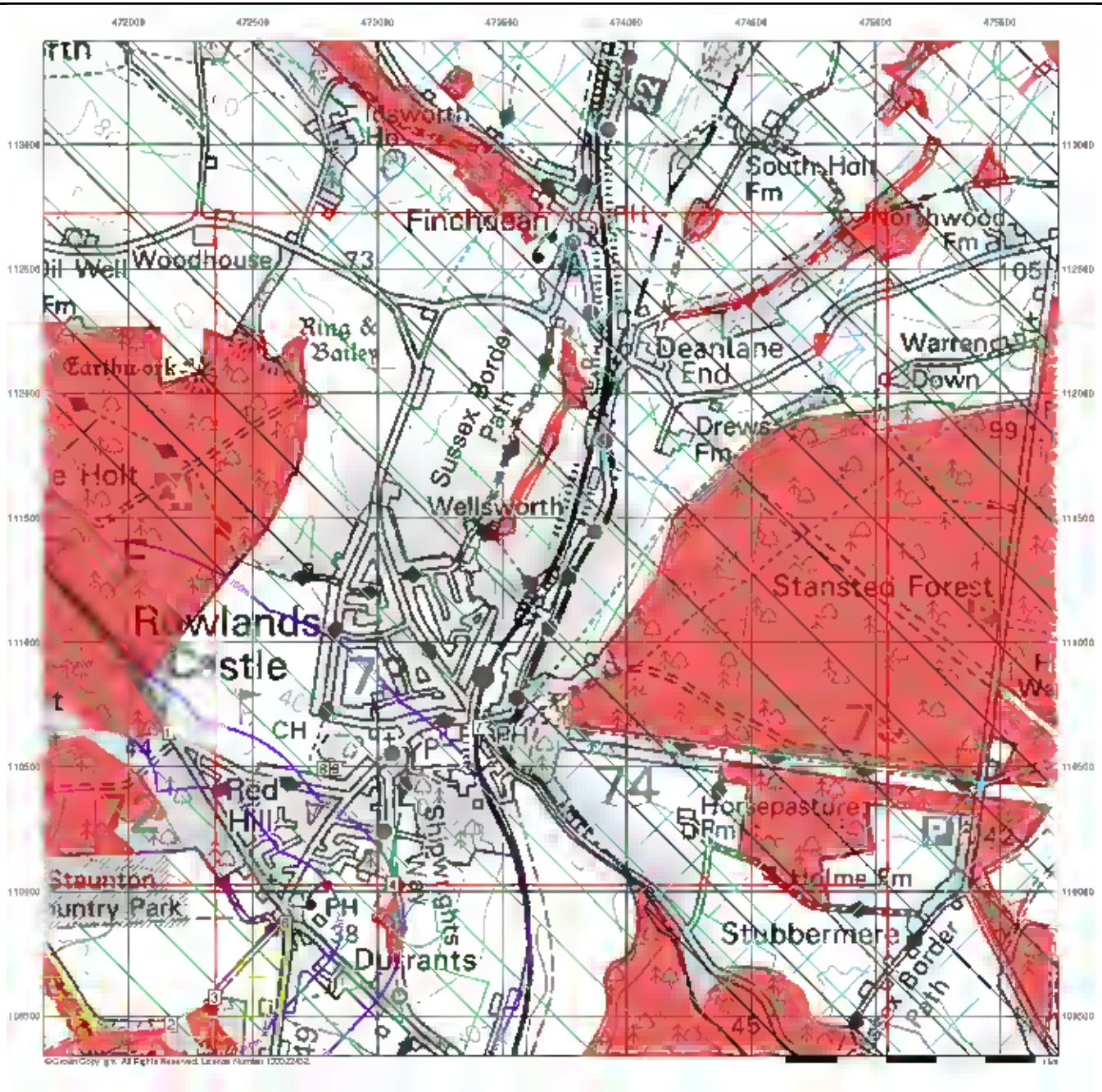
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Plot Buffer (m):	100

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Ecology

General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Ecology

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Outstanding Natural Beauty
- Area of Unadopted Green Belt
- Country Parks
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Ecology - Slice D



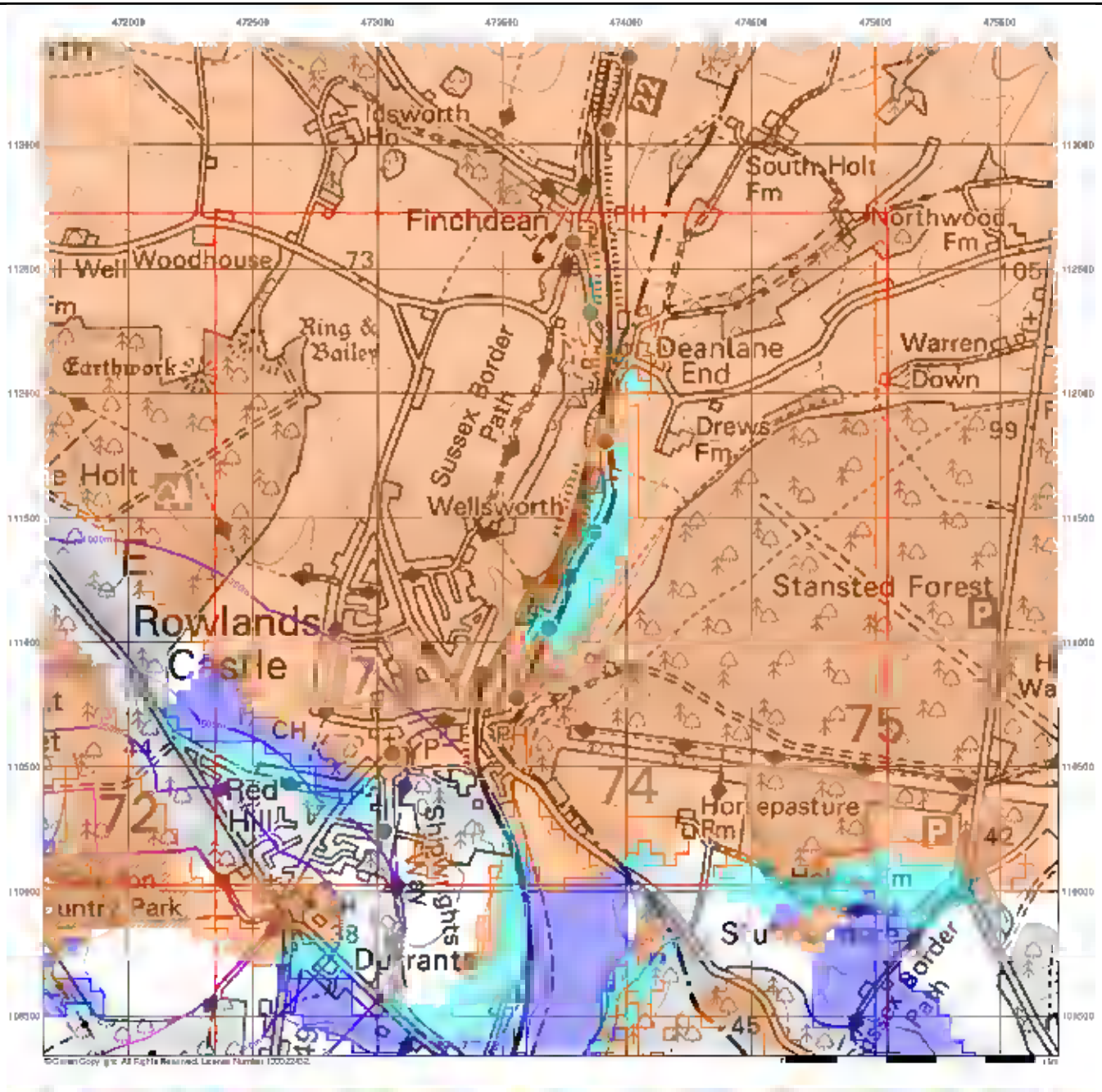
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Water and Hydrology

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Groundwater Flooding Susceptibility

- Potential for Groundwater Flooding to Occur at Surface
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Limited Potential for Groundwater Flooding to Occur

Groundwater Flooding Susceptibility - Slice D



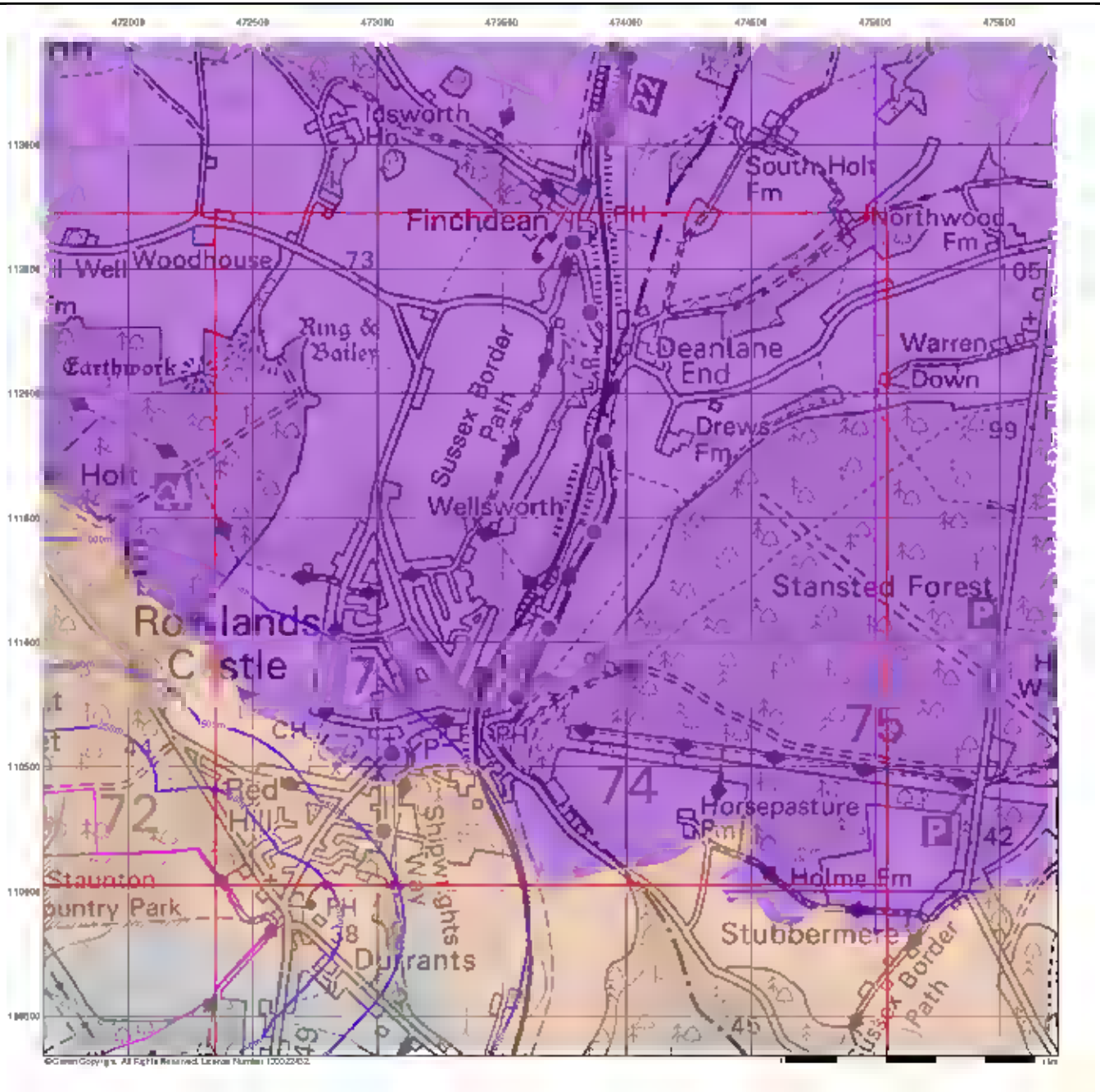
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Water and Hydrology

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Bedrock Aquifer Designations

Geological Classes

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

Bedrock Aquifer Designations - Slice D



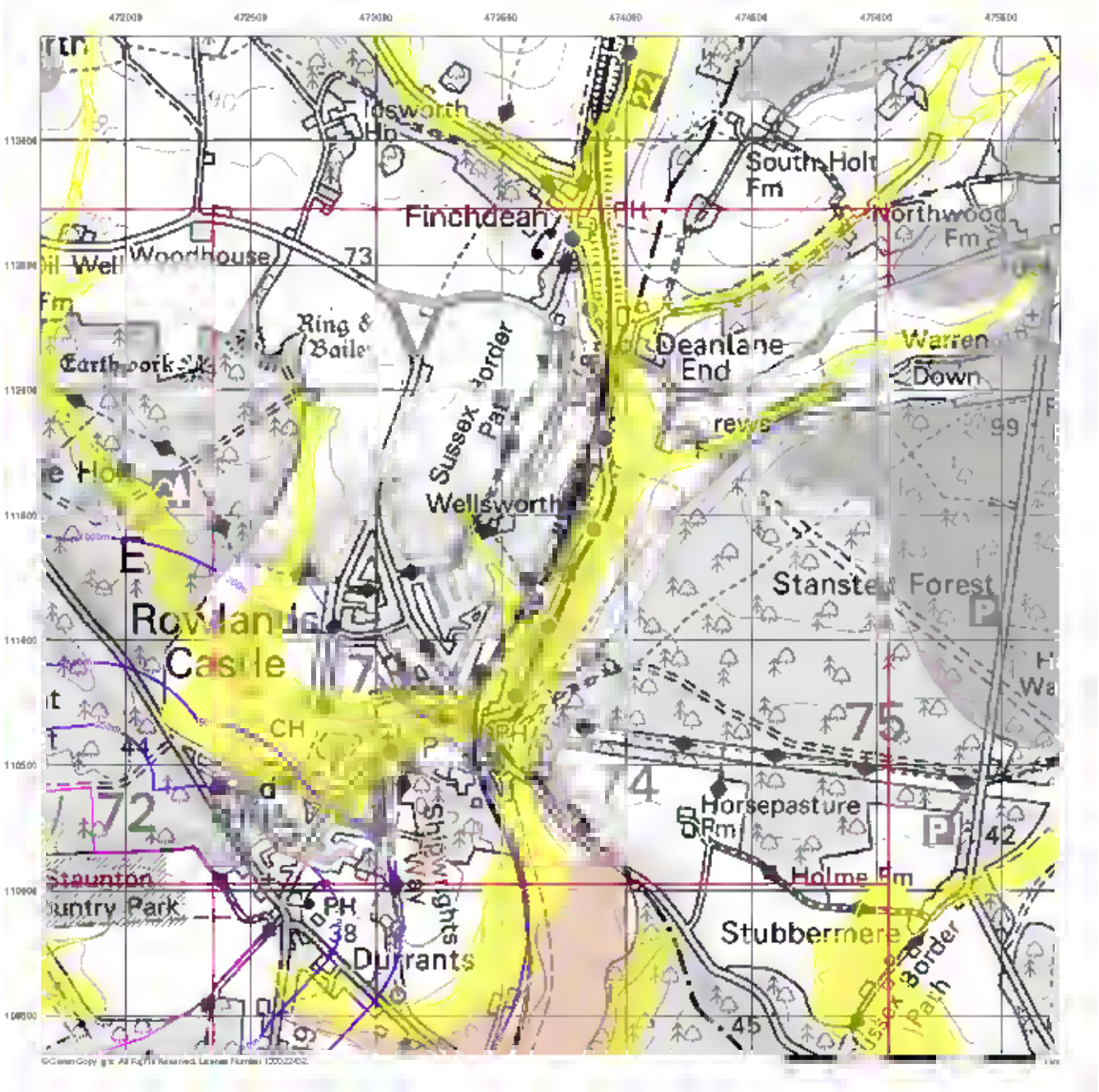
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



ATKINS

Water and Hydrology

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Superficial Aquifer Designations

Geological Classes

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

Superficial Aquifer Designations - Slice D



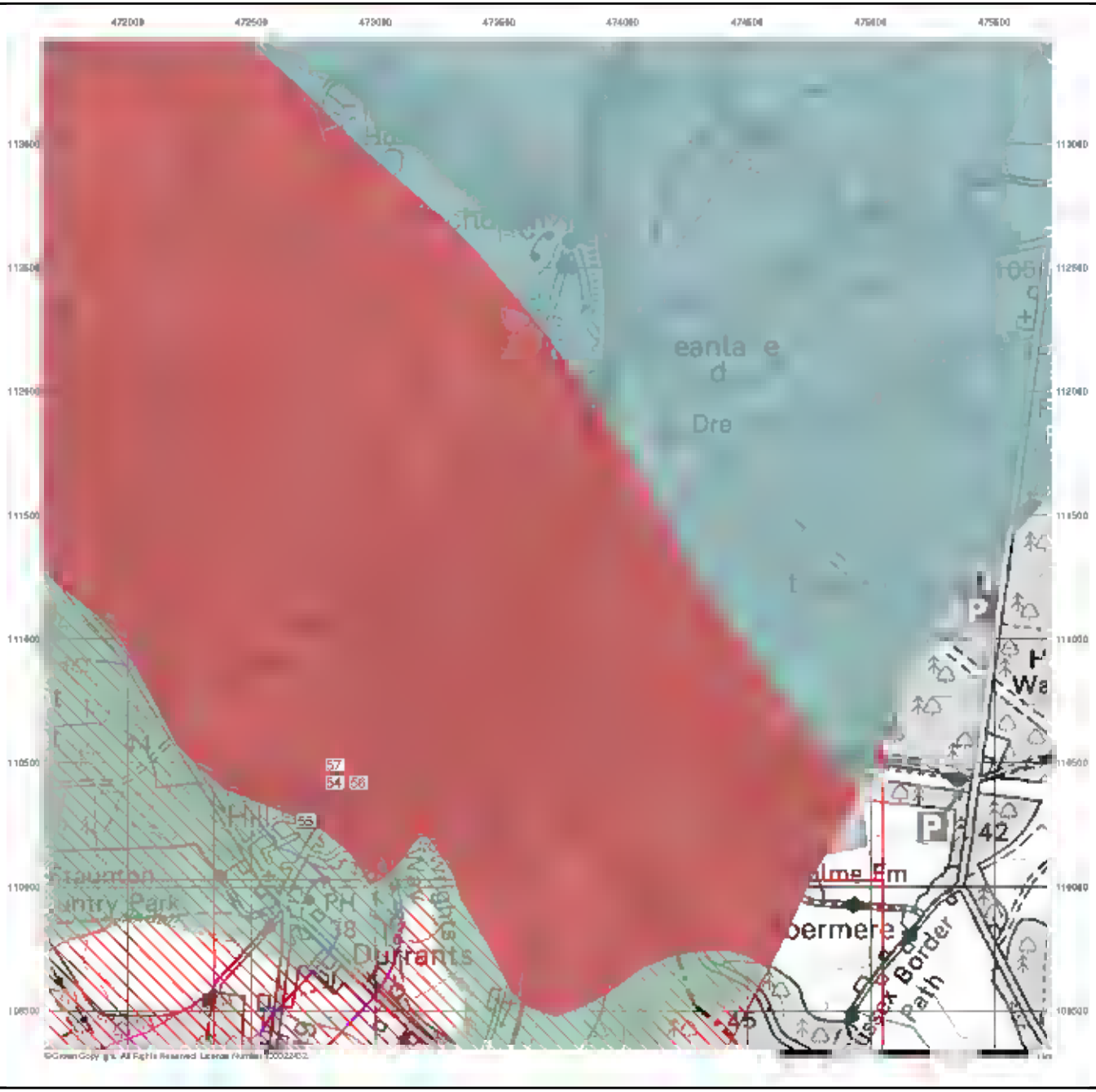
N

Order Details

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ATKINS

Water and Hydrology

General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Source Protection Zones

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Source Protection Zones - Slice D

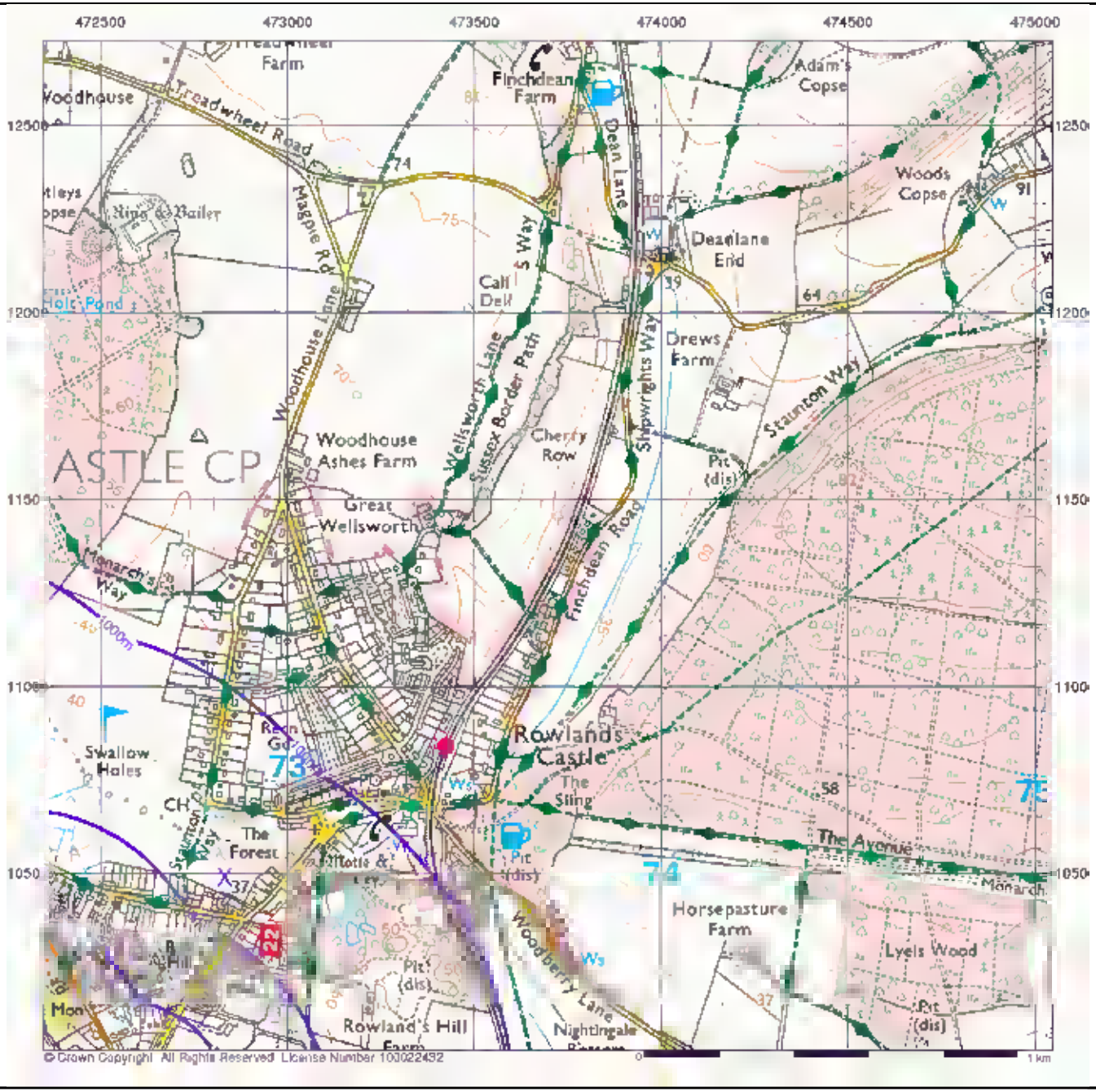


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ATKINS

Site Location

General

Specified Site

Specified Buffer(s)

Bearing Reference Point

Site Location - Slice D



Order Details

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Web: www.envirocheck.co.uk

OS Explorer Map / 1:25 000 Scale Colour Raster

Customer Information

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Communications

ROADS AND PATHS

Not necessarily rights of way

Service area

Junction number

M1 or A6(M) — Motorway

A35 — Dual carriageway

A30 — Main road

B3074 — Secondary road

Narrow road with passing places

Road under construction

Road generally more than 4 m wide

Road generally less than 4 m wide

Other road, drive or track, fenced and unfenced

Gradient: steeper than 20% (1 in 5); 14% (1 in 7) to 20% (1 in 5)

Ferry — Ferry; Ferry P - passenger only

Path

RAILWAYS

Multiple track / Single track — standard gauge

Narrow gauge or Light rapid transit system (LRTS) and station

Road over; road under; level crossing

Cutting; tunnel; embankment

Station, open to passengers; siding

PUBLIC RIGHTS OF WAY

(Rights of way are not shown on maps of Scotland)

Footpath

Bridleway

Byway open to all traffic

Restricted byway
(not for use by mechanically propelled vehicles)

Public rights of way shown on this map have been taken from local authority definitive maps and later amendments.
Rights of way are liable to change and may not be clearly defined on the ground.
Please check with the relevant local authority for the latest information

The representation on this map of any other road, track or path is no evidence of the existence of a right of way

OTHER PUBLIC ACCESS

Other routes with public access (not normally shown in urban areas)
The exact nature of the rights on these routes and the existence of any restrictions may be checked with the local highway authority. Alignments are based on the best information available

National Trail / Long Distance Route — Recreational Route

Permissive footpath / Permissive bridleway — Footpaths and bridleways along which landowners have permitted public use but which are not rights of way. The agreement may be withdrawn

Traffic-free cycle route

1 National cycle network route number - traffic free

1 National cycle network route number - on road

Scotland

In Scotland, everyone has access rights in law* over most land and inland water, provided access is exercised responsibly. **This includes walking, cycling, horse-riding and water access, for recreational and educational purposes, and for crossing land or water.** Access rights do not apply to motorised activities, hunting, shooting or fishing, nor if your dog is not under proper control. The **Scottish Outdoor Access Code** is the reference point for responsible behaviour, and can be obtained at **www.outdooraccess-scotland.com** or by phoning your local Scottish Natural Heritage office. *Land Reform (Scotland) Act 2003

National Trust for Scotland, always open / limited opening - observe local signs

Forestry Commission Land / Woodland Trust Land

England & Scotland

DANGER AREA

Firing and test ranges in the area. Danger! Observe warning notices
Champs de tir et d'essai. Danger! Se conformer aux avertissements
Schiess und Erprobungsgelände. Gefahr! Warnschilder beachten
Visit **www.access.mod.uk** for information

ACCESS LAND

England

Portrayal of access land on this map is intended as a guide to land which is normally available for access on foot, for example access land created under the Countryside and Rights of Way Act 2000, and land managed by the National Trust, Forestry Commission and Woodland Trust. Access for other activities may also exist.
Some restrictions will apply; some land will be excluded from open access rights.
The depiction of rights of access does not imply or express any warranty as to its accuracy or completeness. Observe local signs and follow the Countryside Code.
Visit **www.countrysideaccess.gov.uk** for up-to-date information

Access land boundary and tint

Access land in woodland area

Access information point

MANAGED ACCESS

Access permitted within managed controls for example, local byelaws
Visit **www.access.mod.uk** for information

July 2012

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General Information

VEGETATION

Limits of vegetation are defined by positioning of symbols

Coniferous trees
Non-coniferous trees
Coppice
Scrub
Bracken, heath or rough grassland
Marsh, reeds or saltings
Orchard

GENERAL FEATURES

+ Place of worship

Current or former place of worship { with tower / with spire, minaret or dome

Building; important building

Glasshouse

Youth hostel

Bunkhouse/camping barn/other hostel

Bus or coach station

Lighthouse; disused lighthouse; beacon

Triangulation pillar; mast

Windmill, with or without sails

Wind pump; wind turbine

pylon pole Electricity transmission line

Slopes

Gravel pit
Sand pit
Other pit or quarry
Landfill site or slag/spoil heap

BP/BS	Boundary post/stone
CG	Cattle grid
CH	Clubhouse
FB	Footbridge
MP ; MS	Milepost ; milestone
Mon	Monument
PO	Post office
Pol Sta	Police station
Sch	School
TH	Town hall
NTL	Normal tidal limit
W; Spr	Well; spring

BOUNDARIES

National
County (England)
Unitary Authority (UA), Metropolitan District (Met Dist), London Borough (LB) or District
(Scotland & Wales are solely Unitary Authorities)
Civil Parish (CP) (England) or Community (C) (Wales)
National Park boundary

HEIGHTS AND NATURAL FEATURES

52 · Ground survey height
284 · Air survey height

Surface heights are to the nearest metre above mean sea level. Where two heights are shown, the first height is to the base of the triangulation pillar and the second (in brackets) to the highest natural point of the hill

Vertical face/cliff

Contours may be at 5 or 10 metres vertical interval

Loose rock Boulders Outcrop Scree

Water
Mud
Sand; sand & shingle

ARCHAEOLOGICAL AND HISTORICAL INFORMATION

Site of antiquity
1066 Site of battle (with date)
Visible earthwork

VILLA Roman
Castle Non-Roman

Information provided by English Heritage for England and the Royal Commissions on the Ancient and Historical Monuments for Scotland and Wales

Selected Tourist and Leisure Information

RENSEIGNEMENTS TOURISME ET LOISIRS SÉLECTIONNÉS

Parking / Park & Ride, all year/seasonal
Parking / Parking et navette, ouvert toute l'année/en saison
Parkplatz / Park & Ride, ganzjährig/saisonal

Information centre, all year/seasonal
Office de tourisme, ouvert toute l'année/en saison
Informationsbüro, ganzjährig/saisonal

Visitor centre
Centre pour visiteurs
Besucherzentrum

Forestry Commission visitor centre
Commission Forestière: Centre de visiteurs
Staatsforst Besucherzentrum

PC
Public convenience
Toilettes
Öffentliche Toilette

Telephone, public/roadside assistance/emergency
Téléphone, public/borne d'appel d'urgence/urgence
Telefon, öffentlich/Notrufsäule/Notruf

Camp site/caravan site
Terrain de camping/Terrain pour caravanes
Campingplatz/Wohnwagenplatz

Recreation/leisure/sports centre
Centre de détente/loisirs/sports
Erholungs-/Freizeit-/Sportzentrum

Golf course or links
Terrain de golf
Golfplatz

Theme/pleasure park
Parc à thèmes/Parc d'agrément
Vergnügungs-/Freizeitpark

Preserved railway
Chemin de fer touristique
Museumseisenbahn

Public house/s
Pub/s
Gaststätte/n

Craft centre
Centre artisanal
Zentrum für Kunsthandwerk

AUSGEWAHLTE INFORMATIONEN ZU TOURISTIK UND FREIZEITGESTALTUNG

Walks/trails
Promenades
Wanderwege

Cycle trail
Piste cyclable
Radfahrweg

Mountain bike trail
Chemin pour VTT
Mountainbike-Strecke

Cycle hire
Location de vélos
Fahrradverleih

Horse riding
Equitation
Reitstall

Viewpoint
Point de vue
Aussichtspunkt

Picnic site
Emplacement de pique-nique
Picknickplatz

Country park
Parc naturel
Landschaftspark

Garden/arboretum
Jardin/Arboretum
Garten/Baumgarten

Water activities
Jeux aquatiques
Wassersport

Slipway
Cale
Helling

Boat trips
Croisières en bateau
Bootsfahrten

Boat hire
Location de bateau
Bootsverleih

Nature reserve
Réserve naturelle
Naturschutzgebiet

Fishing
Pêche
Angeln

Other tourist feature
Autre site intéressant
Sonstige Sehenswürdigkeit

Cathedral/Abbey
Cathédrale/Abbaye
Kathedrale/Abtei

Museum
Musée
Museum

Castle/fort
Château/Fortification
Burg/Festung

Building of historic interest
Bâtiment d'intérêt historique
Historisches Gebäude

HC
Heritage centre
Centre d'héritage
Heimatmuseum

National Trust

English Heritage

Historic Scotland

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Ordnance Survey®

ATKINS

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
202069335_1_1

Customer Reference:
5169117

National Grid Reference:
472830, 110490

Slice:
D

Site Area (Ha):
172.43

Search Buffer (m):
1000

Site Details:

Site at 472000, 110000

Client Details:

Mr O Pengilly
Atkins Ltd
Woodcote Grove
Ashley Road
Epsom
Surrey
KT18 5BW

Landmark INFORMATION GROUP

ATKINS

Contents

Report Section	Page Number
Summary	-
Ecology	1
Heritage	2
Water & Hydrology	3
Visual and Landscape	-
Data Currency	9
Data Suppliers	11
Useful Contacts	12

Introduction

The process of an Environmental Impact Assessment is governed by the Town and Country Planning (Environmental Impact Assessment) Regulations 2011. These regulations apply the EU directive "on the assessment of the effects of certain public and private projects on the environment" (usually referred to as the Environmental Impact Assessment Directive) to the planning system in England.

The aim of the Envirocheck Environmental Impact Assessment Report is to provide the necessary site-specific environmental data required to assess the potential environmental effects of a development. Ultimately this assessment is required by the local planning authority in order to decide whether or not to grant planning permission for a project, so as to protect the environment. The regulations set out a procedure for identifying those projects which should be subject to an Environmental Impact Assessment, and for assessing, consulting and coming to a decision on those projects which are likely to have significant environmental effects.

The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

ATKINS

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Ecology					
Ancient Woodland	pg 1	3		2	
Areas of Adopted Green Belt					
Areas of Outstanding Natural Beauty					
Areas of Unadopted Green Belt					
Country Parks	pg 1	1			
Environmentally Sensitive Areas					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks	pg 1			1	
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 1	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
Heritage					
Historic Battlefields					
Listed Buildings	pg 2		3		
Scheduled Monuments	pg 2				1
World Heritage Sites					
Water & Hydrology					
Areas Benefiting from Flood Defences				n/a	n/a
BGS Groundwater Flooding Susceptibility	pg 3	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
OS Water Network Lines	pg 4		1	21	16
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Historic Flood Events	pg 8		Yes	n/a	n/a
Source Protection Zones	pg 8	2		2	
Visual and Landscape					
Historic Parks, Gardens and Designed Landscapes					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Ancient Woodland** Name: Forest Of Bere Reference: 1490469 Area(m²): 989948.26 Type: Plantation on Ancient Woodland	(W)	0	1	472159 110638
2	**Ancient Woodland** Name: Not Supplied Reference: 1490508 Area(m²): 145244.95 Type: Ancient and Semi-Natural Woodland	(SW)	0	1	472172 109466
3	**Ancient Woodland** Name: Hammonds Lands Copse Reference: 1490539 Area(m²): 57529.77 Type: Ancient and Semi-Natural Woodland	(SW)	0	1	472347 109574
4	**Ancient Woodland** Name: Not Supplied Reference: 1491063 Area(m²): 13818.48 Type: Ancient and Semi-Natural Woodland	D2SW (SE)	377	1	473061 110028
5	**Ancient Woodland** Name: The Holt Reference: 1490510 Area(m²): 1261046.78 Type: Plantation on Ancient Woodland	(NW)	450	1	472179 110980
6	**Country Parks** Name: Staunton Reference: 1421985 Area(m²): 1937416.72	(S)	0	1	472634 109871
7	**National Parks** Name: South Downs Multiple Area: N Area(m²): 1652679314.3 Source: Natural England **Status: Fully Designated - designated as a National Park** Designation Date: 2nd November 2009	D2NE (E)	448	1	473406 110658
8	**Nitrate Vulnerable Zones** Name: Hampshire Chalk Description: Groundwater Source: Environment Agency, Head Office	D1NE (NW)	0	2	472835 110490
9	**Nitrate Vulnerable Zones** Name: Chichester,Langstone And Portsmouth Harbours Eutrophic Nvz (Trac) Description: Eutrophic Water Source: Environment Agency, Head Office	D1NE (NW)	0	2	472835 110490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**Listed Buildings** Name: Autumn House And Woodlands Location: Not Supplied Reference: 1033354 Other Reference: 471786 Grade: Grade II Listed Building Registered Date: 9th December 1998 Source: Historic England Positional Accuracy: Positioned by the supplier	D1SW (SW)	114	3	472494 110072
11	**Listed Buildings** Name: Commerative Stone Location: Not Supplied Reference: 1351135 Other Reference: 142949 Grade: Grade II Listed Building Registered Date: 16th March 1954 Source: Historic England Positional Accuracy: Positioned by the supplier	D1SW (SW)	147	3	472465 110176
12	**Listed Buildings** Name: Granary To East Of Redhill House Location: Not Supplied Reference: 1254422 Other Reference: 142948 Grade: Grade II Listed Building Registered Date: 16th June 1986 Source: Historic England Positional Accuracy: Positioned by the supplier	D1SW (SW)	193	3	472521 110178
13	**Scheduled Monuments** Name: The Castle Reference: 1001923 Other Reference: HA 124 Area(m^2): 10749.51 Source: Historic England Registered Date: Not Supplied	D2NW (E)	906	4	473262 110506

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Areas Benefiting from Flood Defences None				
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	5	471700 109850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	5	471850 110100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	5	471900 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	5	471800 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	5	472500 109800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	5	472835 109900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	5	471700 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	5	471750 109650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	5	471700 109750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	5	471850 109550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	5	472250 110150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1SE (S)	0	5	472750 110050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	5	472800 110000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	5	471700 109700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	5	471900 109600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	5	471700 110200
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - A	(S)	0	2	472835 110000
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - A	D1NE (NW)	0	2	472835 110490
	Bedrock Aquifer Designations Aquifer Desination: Unproductive Strata	(SE)	0	2	473152 109951
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	2	471818 109797
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(W)	0	2	471700 110217

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 372.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	(SW)	2	6	472340 110101
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 365.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	358	6	472506 110462
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	368	6	472526 110458
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	371	6	472384 110560
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 2	D1NW (W)	374	6	472466 110495
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 420.8 Watercourse Level: Not Supplied Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NE (S)	377	6	472824 110398
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.2 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	383	6	472419 110527
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 76.2 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 2	D1NW (W)	384	6	472458 110511
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 279.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 2	D1NE (W)	384	6	472726 110513

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	403	6	472384 110560
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 2	D1NW (W)	407	6	472384 110564
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 2	D1NW (W)	407	6	472373 110566
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 238.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 2	D1NW (W)	407	6	472371 110566
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	408	6	472395 110597
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.4 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	429	6	472422 110575
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 216.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	434	6	472402 110618
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	443	6	472396 110602
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	447	6	472402 110618

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	465	6	472406 110617
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	465	6	472409 110616
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	465	6	472424 110613
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.7 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (W)	466	6	472433 110637
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NW (NW)	526	6	472352 110698
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	534	6	472374 110706
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D2SW (SE)	553	6	473025 110232
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	(NW)	600	6	472344 110770
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.2 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NE (NW)	604	6	472780 110549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NE (SE)	616	6	472939 110401
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	627	6	472348 110809
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	628	6	472360 110805
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.4 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	644	6	472361 110864
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 651.9 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D1NE (SE)	665	6	472988 110425
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	673	6	472363 110863
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	674	6	472383 110854
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	679	6	472383 110854
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	682	6	472386 110849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	683	6	472386 110857
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Watercourse Name: Not Supplied Permanent: True Catchment Name: East Hampshire Primacy: 1	D5SW (NW)	687	6	472389 110858
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Flood Defences None				
	Flood Water Storage Areas None				
52	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1SW (SW)	143	7	472659 110076
53	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Groundwater/High Water Table Source: Environment Agency, Head Office Flood Event Start Date: 1st November 2000 Flood Event End Date: 1st March 2001	D1SW (SW)	225	7	472652 110134
54	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	D1NE (NW)	0	7	472835 110490
55	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone Ic (Inner Protection Zone): Travel time of 50 days or less to the groundwater source - subsurface activity only.	D1SE (SW)	0	7	472720 110264
56	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	D1NE (NW)	254	7	472835 110490
57	**Source Protection Zones** Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	D1NE (NW)	254	7	472835 110490

Ecology	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	August 2018	Bi-Annually
Country Parks Natural England	October 2017	Annually
Environmentally Sensitive Areas Natural England	January 2017	
Local Nature Reserves Natural England	March 2019	Bi-Annually
Marine Nature Reserves Natural England	January 2018	Bi-Annually
National Nature Reserves Natural England	August 2018	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2019	Bi-Annually
Special Areas of Conservation Natural England	August 2018	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually
Heritage	**Version**	**Update Cycle**
Listed Buildings Historic England	February 2018	Bi-Annually
Scheduled Monuments Historic England	July 2018	Bi-Annually

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2019	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
OS Water Network Lines Ordnance Survey	January 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2019	Quarterly
Flood Defences Environment Agency - Head Office	February 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2019	Quarterly
Historic Flood Events Environment Agency - Head Office	February 2019	Quarterly
Source Protection Zones Environment Agency - Head Office	January 2019	Quarterly
Visual and Landscape	**Version**	**Update Cycle**
Historic Parks, Gardens and Designed Landscapes Historic England	July 2018	Bi-Annually

Data Suppliers

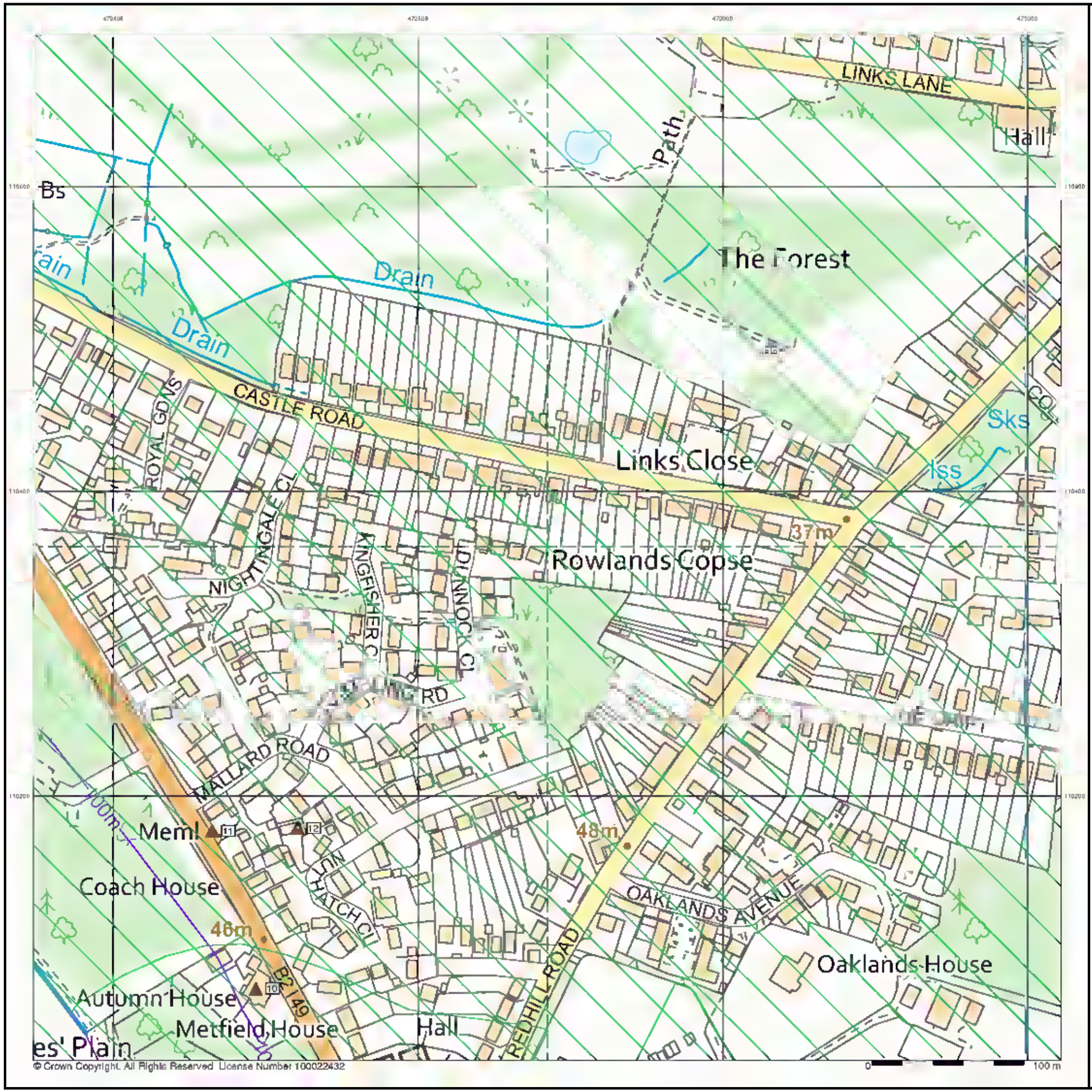
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	

Useful Contacts

Contact	Name and Address	Contact Details
1	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
2	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
3	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
4	**Historic England** 1 Waterhouse Square, 138 - 142 Holborn, London, EC1N 2ST	Telephone: 0370 333 0607 Email: customers@historicengland.org.uk Website: www.historicengland.org.uk
5	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
6	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
7	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



ATKINS

Site Sensitivity

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Ecology

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Country Parks
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

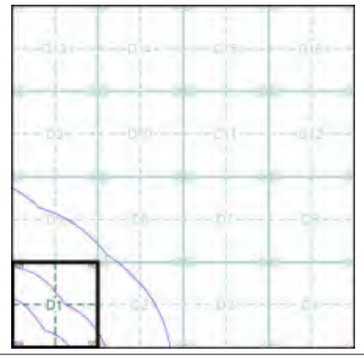
Heritage

- Historic Battlefields
- Listed Buildings
- Scheduled Monuments
- World Heritage Sites

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Segment D1



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Aerial Photo

General

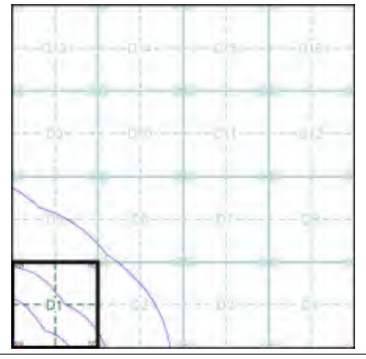
Specified Site

Specified Buffer(s)

Bearing Reference Point

Published Date(s):
2018

Aerial Photo - Segment D1



Order Details

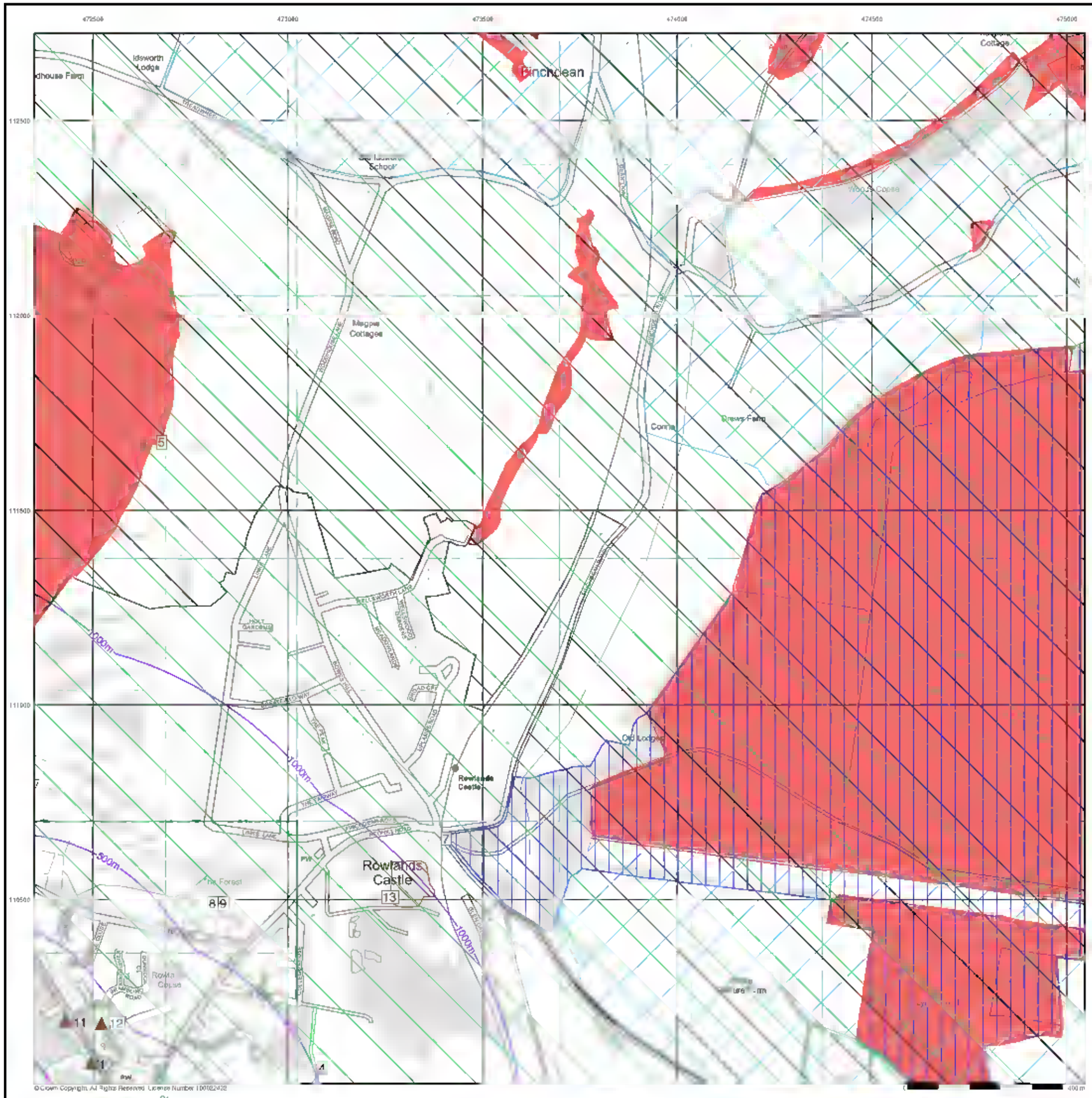
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Site Sensitivity

General

Specified Site
Specified Buffer(s)
Bearing Reference Point
Map ID
Several of Type at Location

Ecology

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Country Parks
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
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- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

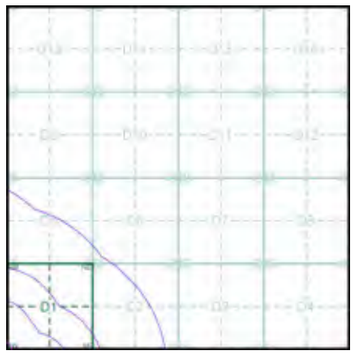
Heritage

- Historic Battlefields
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- World Heritage Sites

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Slice D



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Water and Hydrology

General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Flood

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Contours (height in meters)

Standard Contour 105 100 95

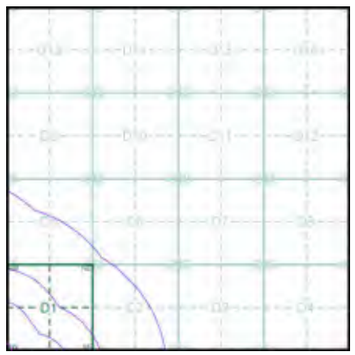
Master Contour

Spot Height 167.8

MLW Mean Low Water

MHW Mean High Water

Flood - Slice D



Order Details

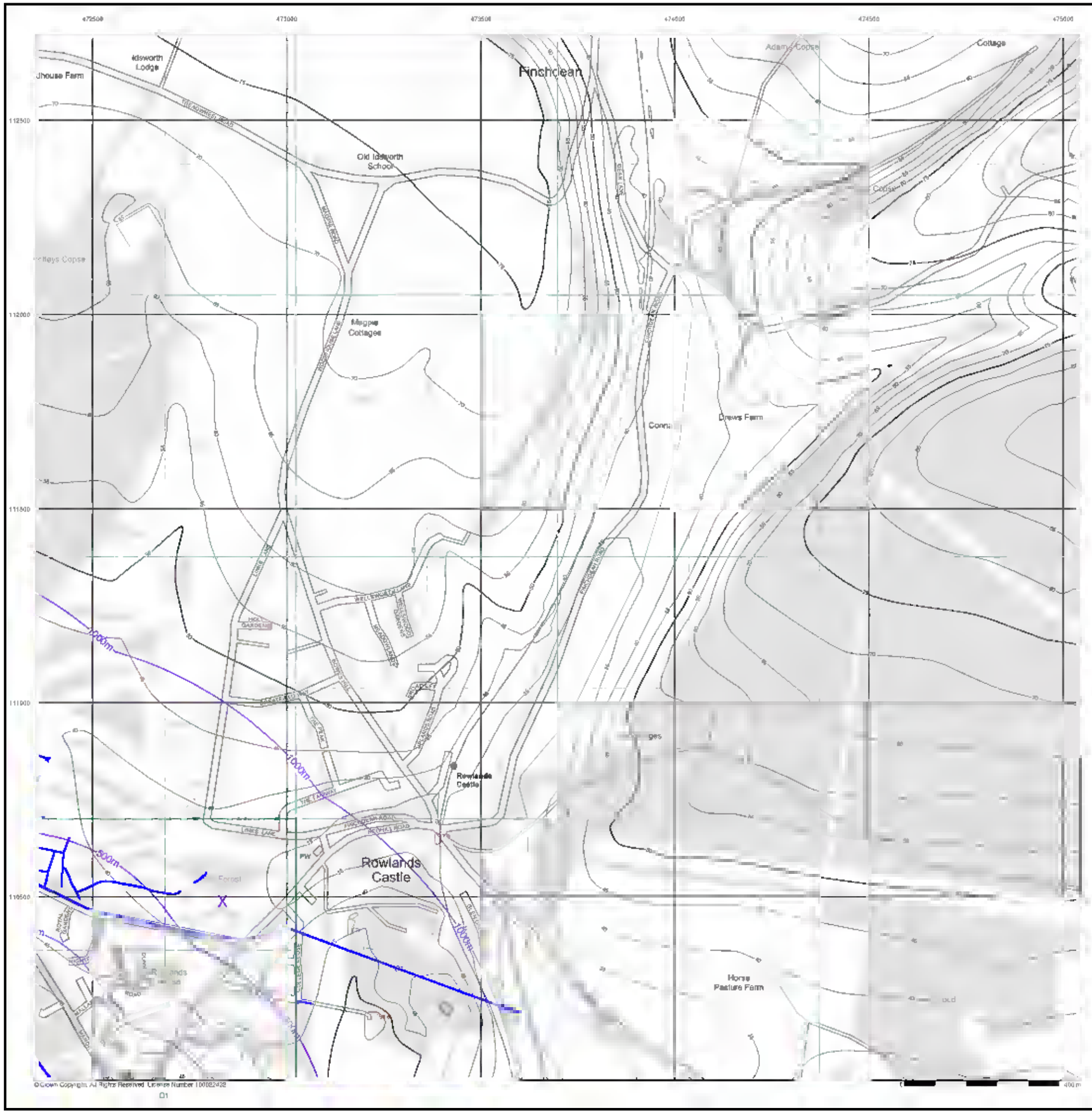
Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Water And Hydrology

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

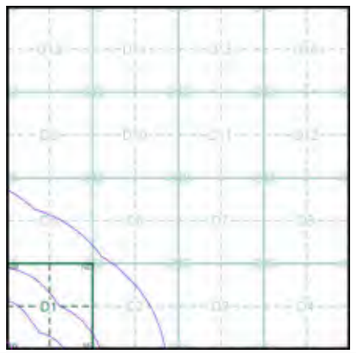
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network - Slice D



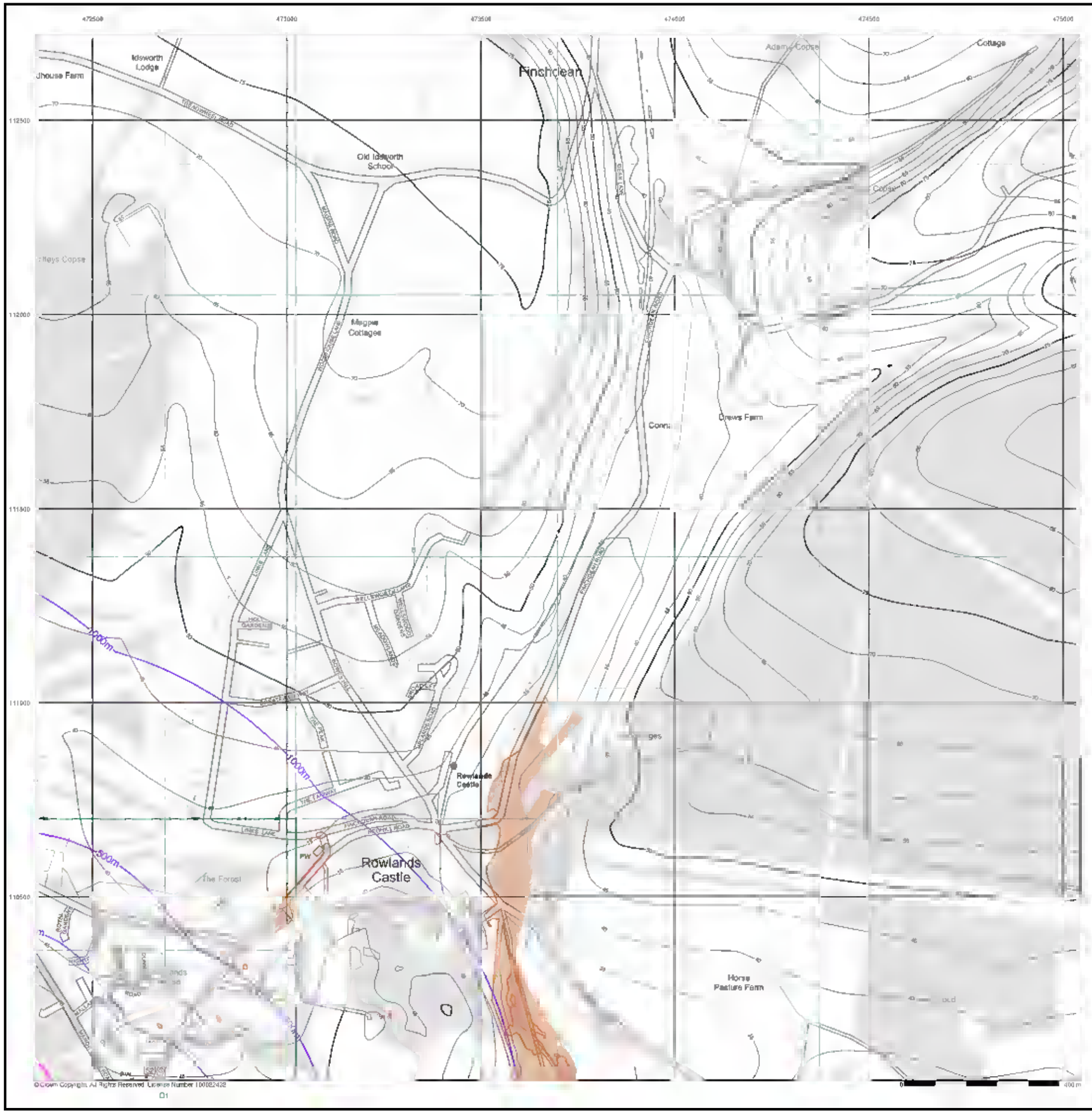
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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D1

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Water and Hydrology

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

Historic Flood

- Channel Capacity Exceeded (no raised defences)
- Channel Capacity Exceeded /Surface Water
- Groundwater/High Water Table
- Local Drainage/Surface Water
- Mechanical Failure
- Obstruction/Blockage - Bridge
- Obstruction/Blockage - Channel
- Historical Flood Liabilities
- Obstruction/Blockage - Culvert
- Obstruction/Blockage - Debris Screen
- Operational Failure/ Breach of Defence
- Other
- Overtopping of Defences
- Surface Water
- Unknown

Contours (height in meters)

Standard Contour 105 100 95

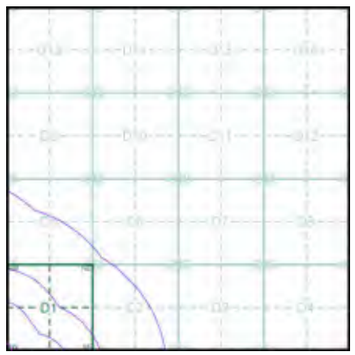
Master Contour

Spot Height * 167.8

MLW Mean Low Water

MHW Mean High Water

Historic Flood - Slice D



N

Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Aerial Photo

General

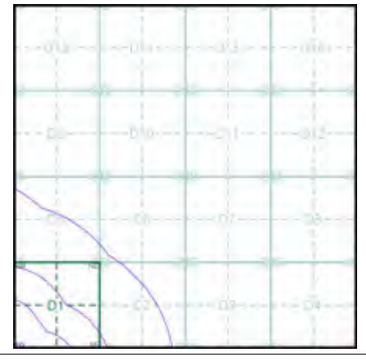
Specified Site

Specified Buffer(s)

Bearing Reference Point

Published Date(s):
2018

Aerial Photo - Slice D



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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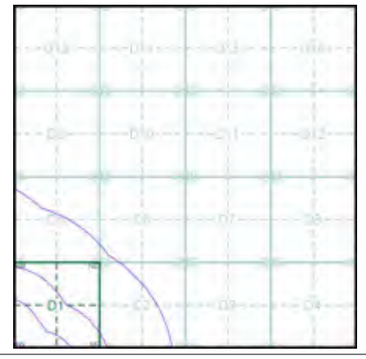
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Site Location

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Site Location - Slice D



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

OS VectorMap® Local

Colour Raster version

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COMMUNICATIONS (TRANSPORT)

Depicted roads are not necessarily rights of way

- Motorway
- Primary road
- Main road ('A' road)
- Secondary road ('B' road)
- Minor road
- Local street
- Private road with public access
- Pedestrianised street
- Multiple track railway
- Single track railway or siding
- Narrow gauge railway
- Road or rail tunnel

SETTLEMENT

- Building
- Important building
- Glasshouse
- Overhead building line

VEGETATION

- Broad-leafed woodland
- Coniferous woodland
- Mixed woodland
- Orchard
- Shrub
- Unimproved grass
- Heathland
- Marsh
- Reeds

WATER FEATURES

- Water (surface or tidal)
- Water
- Mean high water
- Mean low water
- Direction of flow arrows
- Water point features (for example Wells, Springs)

HEIGHT

Surface heights are in metres above mean sea level

- 57m Height

LANDFORMS

- Ornament
- Inland rock
- Boulders
- Shingle
- Cliff
- Large slopes
- Standard slopes
- Mud
- Sand
- Gravel pit
- Sand pit
- Refuse tip or slag heap

POINT & LINE FEATURES

- General line detail
- Overhead detail
- Telephone line
- Electricity transmission line
- Pylon
- Triangulation station
- Point features (for example Shafts, Posts)
- Site of antiquity

COMMON ABBREVIATIONS

CG	Cattle grid
Chy	Chimney
Coll	College
Ct	Court
El Sub Sta	Electricity sub station
FB	Footbridge
Fl Sk	Flare stack
Fn	Fountain
FS	Flagstaff
GP	Guide post
LC	Level crossing
Liby	Library
Meml	Memorial
MHW(s)	Mean high water (springs)
MLW(s)	Mean low water (springs)
Mon	Monument
MP, MS	Mile post or stone
NTL	Normal tidal water
P, Ps	Post(s) or pole(s)
PH	Public House
PO	Post office
Pol Sta	Police Station
PW	Place of worship
Sch	School
Spr	Spring
Sta	Station
Tk	Tank or track
W	Well

Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand, Silt and Clay	Not Supplied - Quaternary
	HEAD	Head	Clay And Gravel	Not Supplied - Quaternary
	CWF	Clay-with-flints Formation	Clay, Silt, Sand and Gravel	Not Supplied - MIOCENE

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Sand	Not Supplied - Ypresian
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	LMBE	Lambeth Group	Clay, Silt and Sand	Not Supplied - Thanetian
	LMBE	Lambeth Group	Sand	Not Supplied - Thanetian
	TACH	Tarrant Chalk Member	Chalk	Not Supplied - Campanian
	NCK	Newhaven Chalk Formation	Chalk	Not Supplied - Santonian
		Faults		

ATKINS

Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**316**
Map Name:	**Fareham**
Map Date:	**1998**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice D





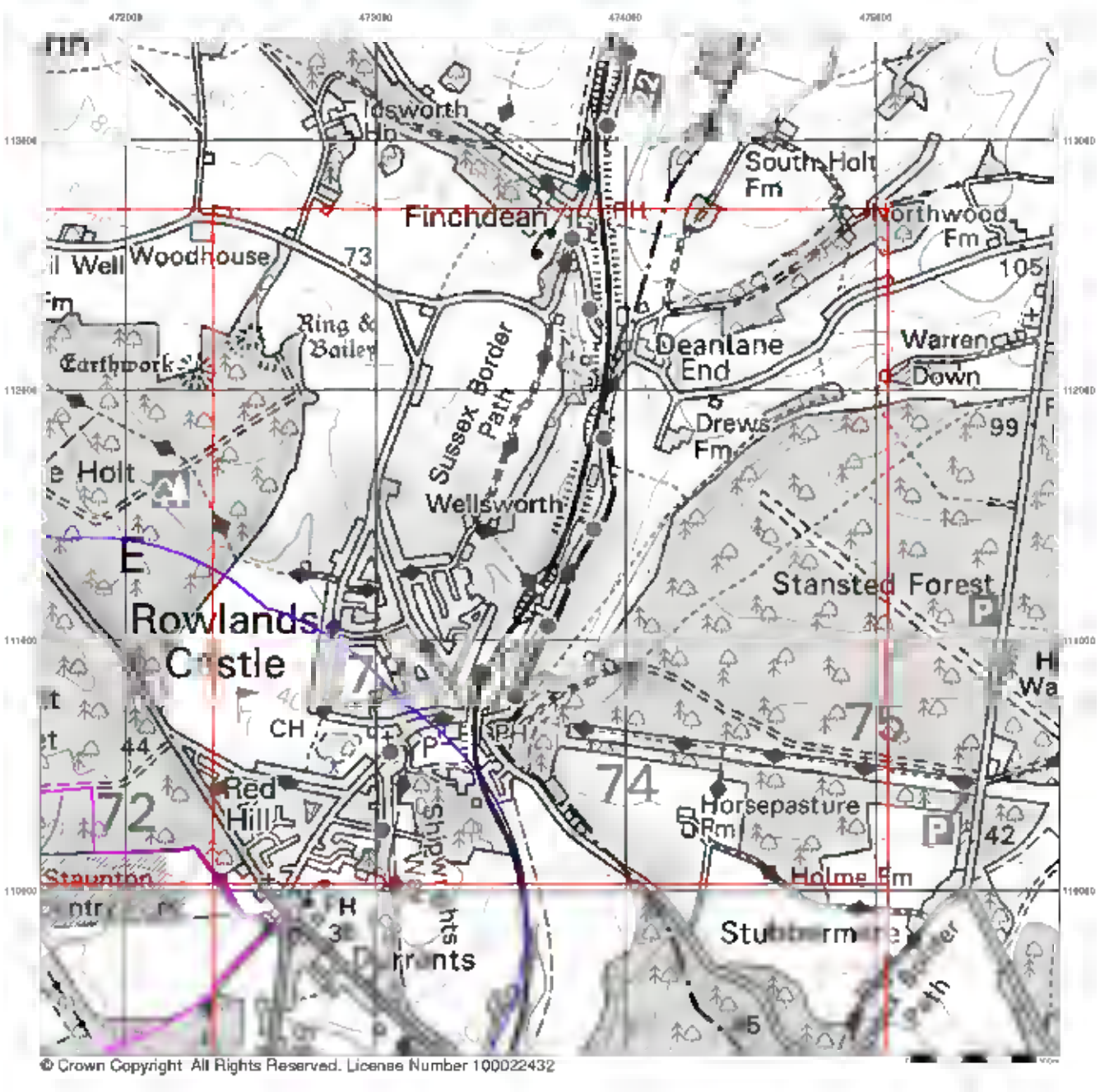
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Customer Reference:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details:

Site at 472000, 110000

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Artificial Ground and Landslip

Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice D



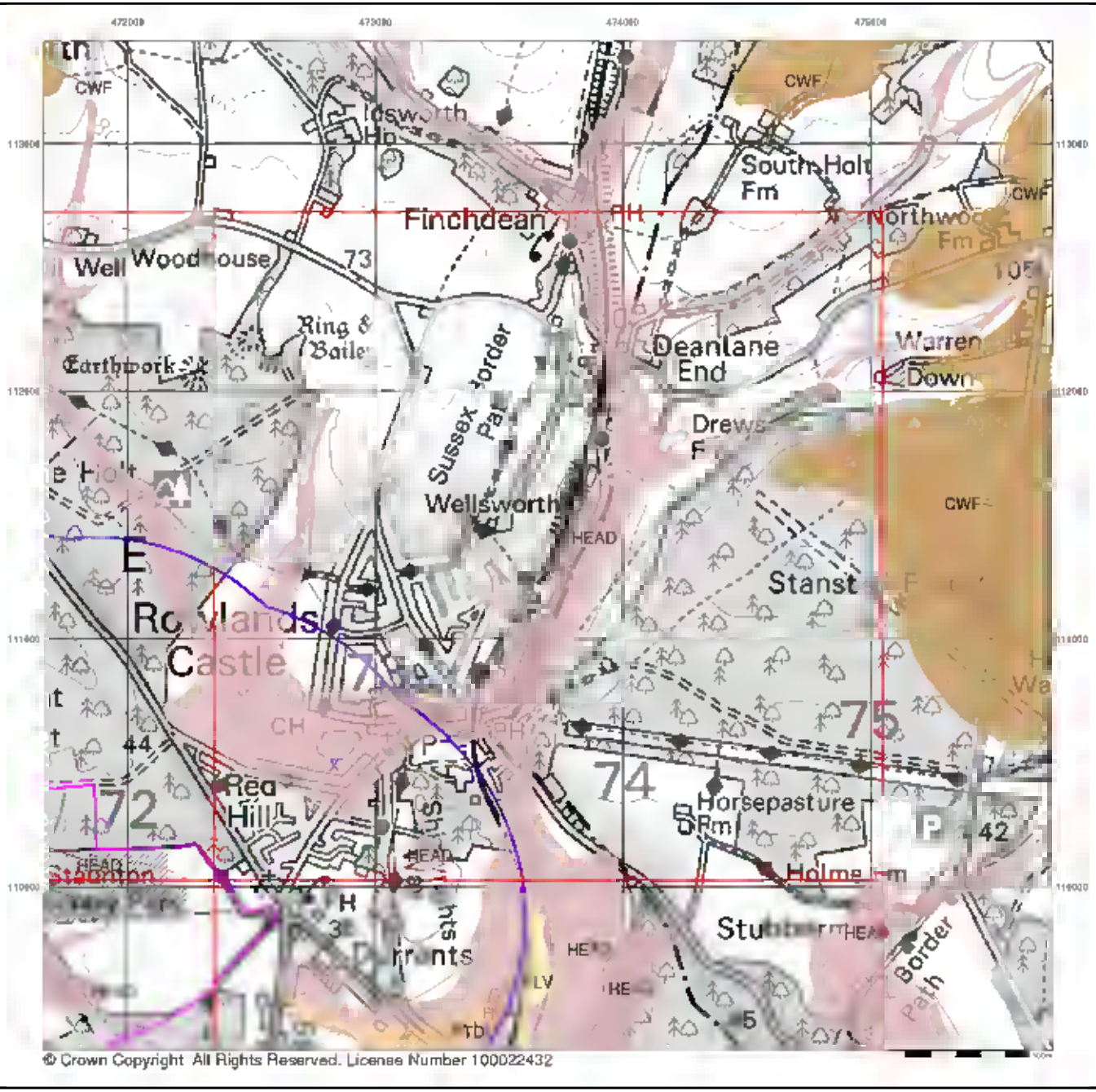
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Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice D



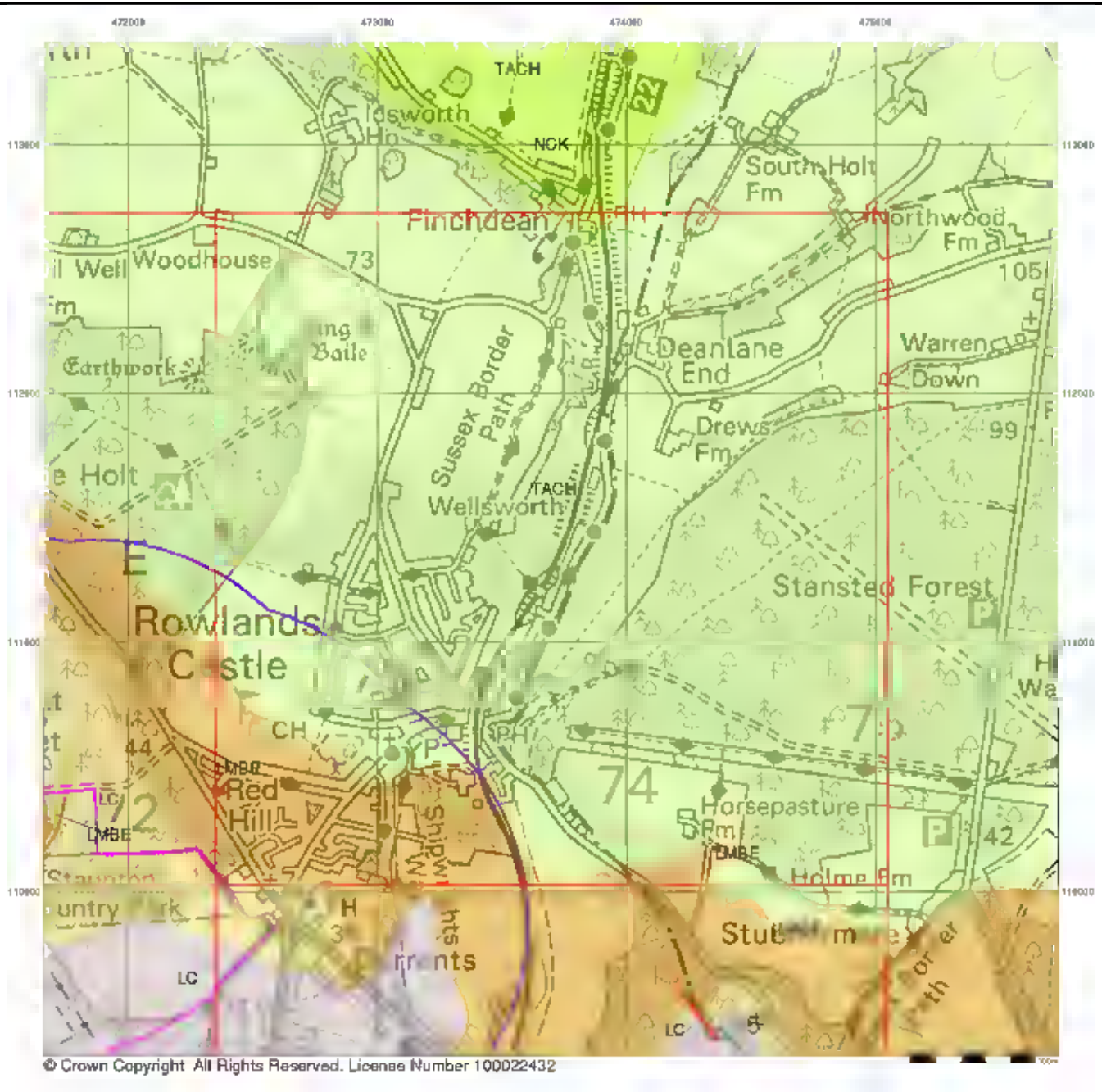
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Bedrock and Faults

Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice D

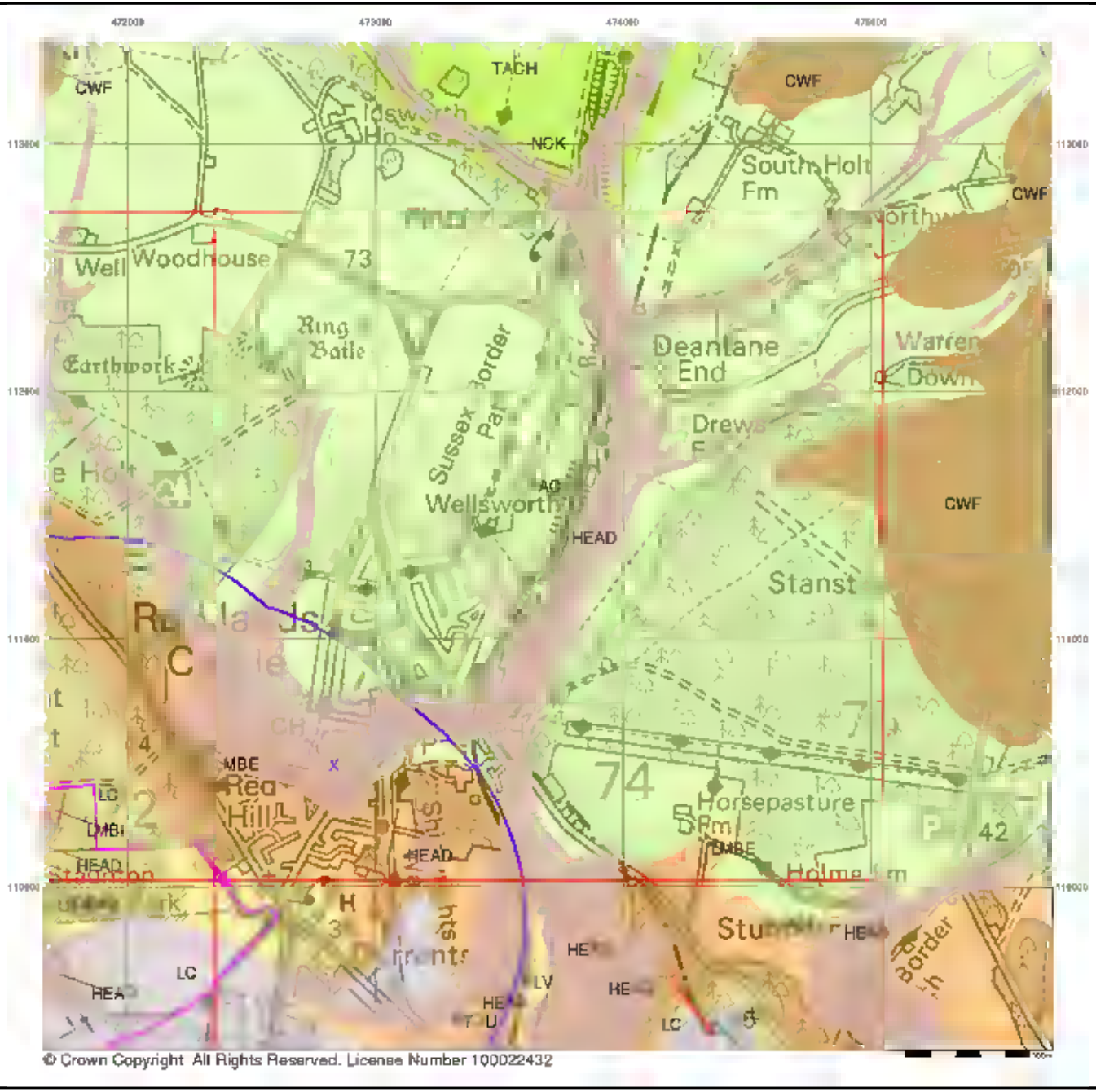


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Slice:	D
Site Area (Ha):	172.43
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice D



Order Details:

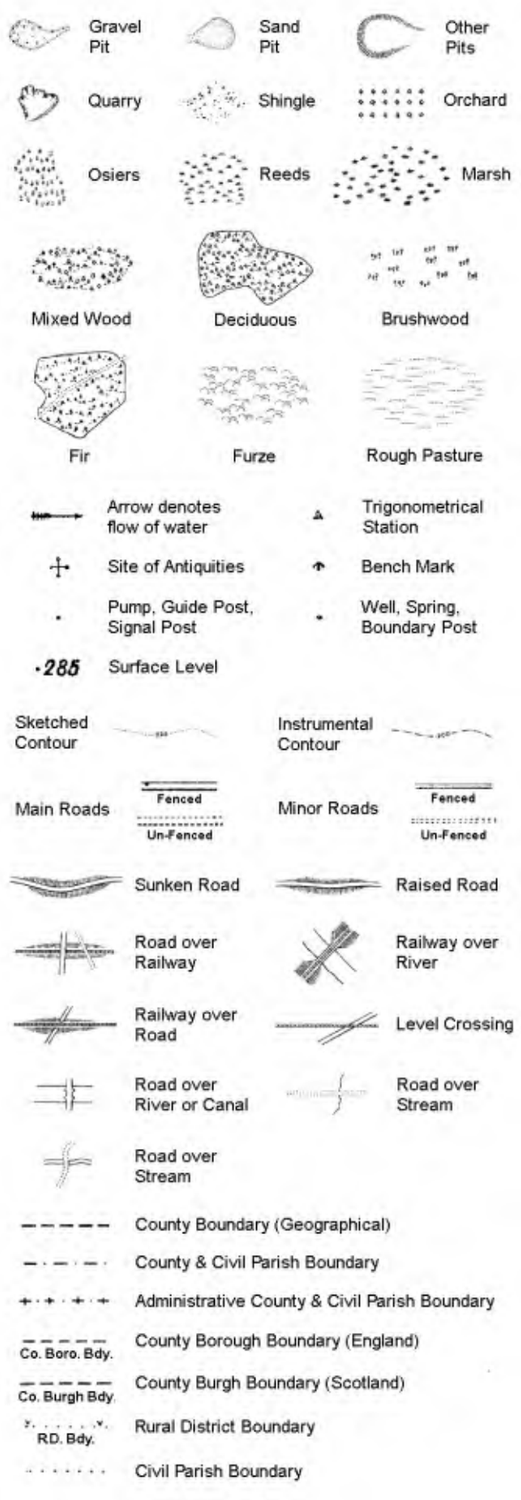
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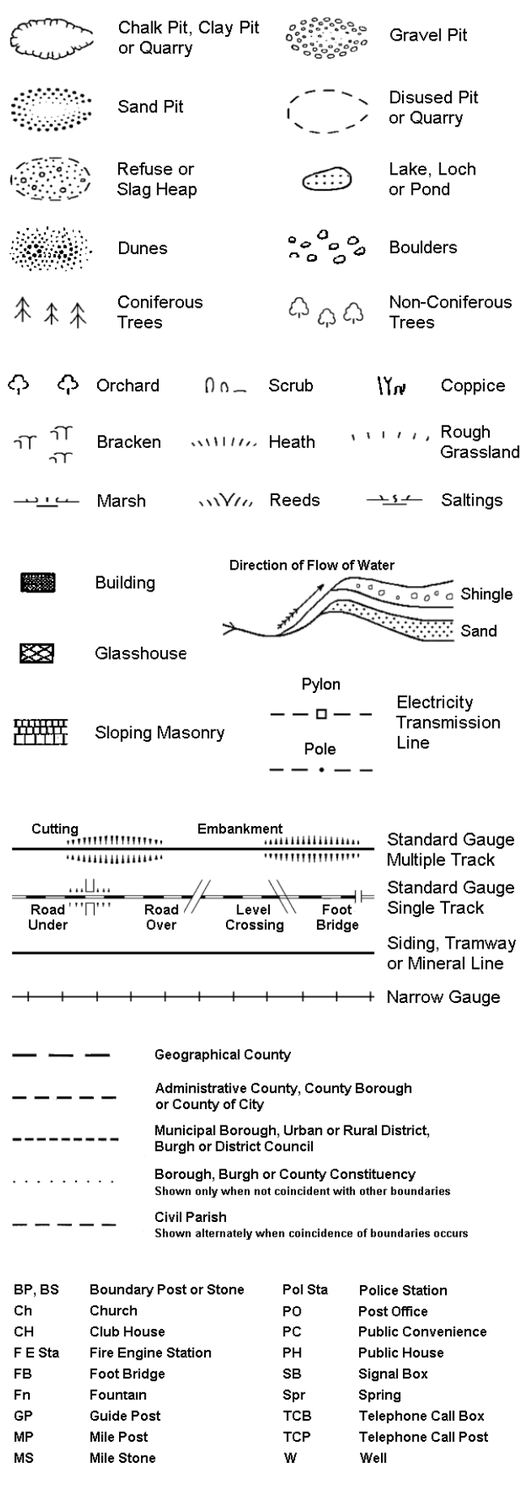
Site at 472000, 110000

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

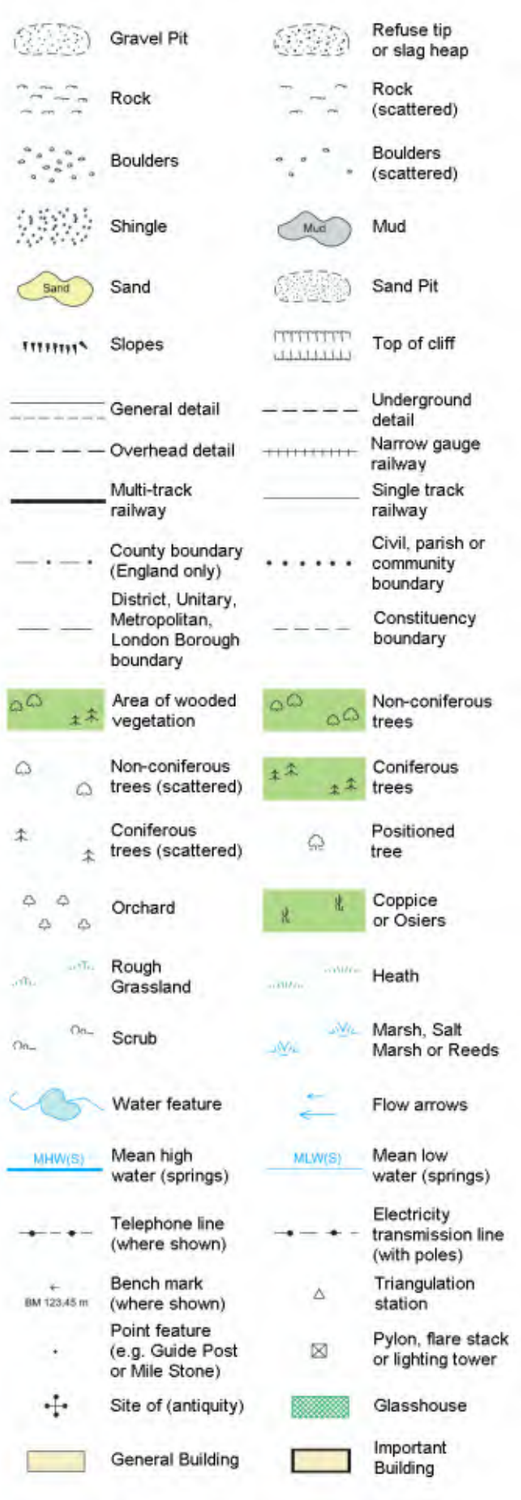


Ordnance Survey Plan 1:10,000



BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

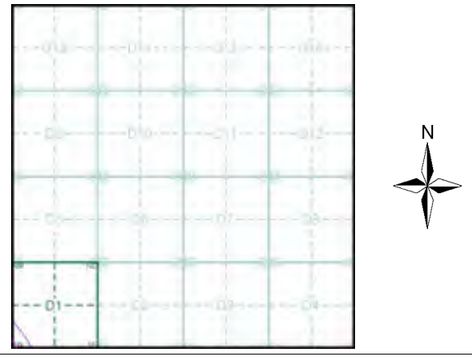


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1870	3
Sussex	1:10,560	1880	4
Hampshire & Isle Of Wight	1:10,560	1898	5
Sussex	1:10,560	1899	6
Hampshire & Isle Of Wight	1:10,560	1909	7
Sussex	1:10,560	1914	8
Sussex	1:10,560	1914	9
Sussex	1:10,560	1914	10
Hampshire & Isle Of Wight	1:10,560	1931	11
Hampshire & Isle Of Wight	1:10,560	1931	12
Historical Aerial Photography	1:10,560	1947	13
Ordnance Survey Plan	1:10,000	1962	14
Ordnance Survey Plan	1:10,000	1973	15
Ordnance Survey Plan	1:10,000	1973	16
Ordnance Survey Plan	1:10,000	1982	17
Havant	1:25,000	1983	18
Ordnance Survey Plan	1:10,000	1992	19
10K Raster Mapping	1:10,000	2000	20
10K Raster Mapping	1:10,000	2006	21
VectorMap Local	1:10,000	2019	22

Historical Map - Slice D



Order Details

Order Number: 202069335_1_1
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National Grid Reference: 472830, 110490
Slice: D
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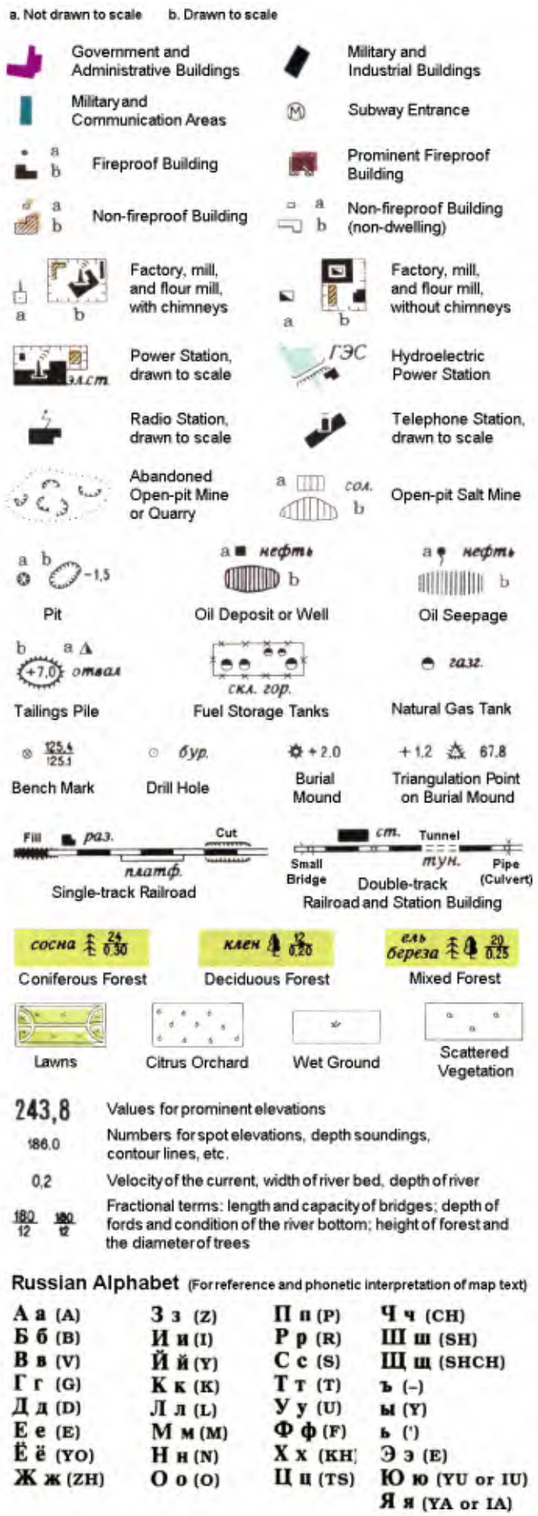
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Russian Military Mapping Legends

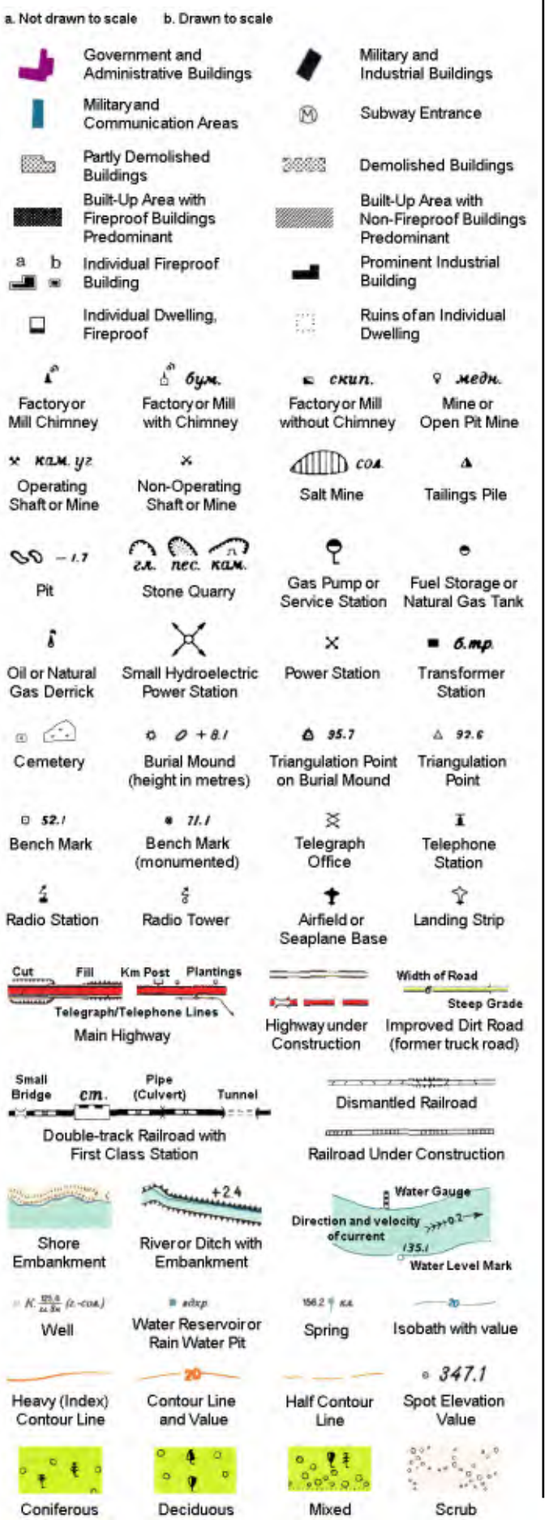
1:5,000 and 1:10,000 mapping



Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	ъ (-)
Д д (D)	Л л (L)	У у (U)	ы (Y)
Е е (E)	М м (M)	Ф ф (F)	ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping



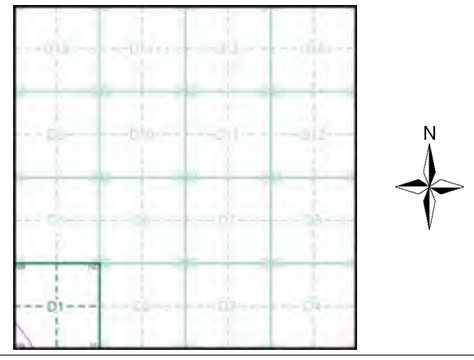
Key to Numbers on Mapping

ATKINS

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1870	3
Sussex	1:10,560	1880	4
Hampshire & Isle Of Wight	1:10,560	1898	5
Sussex	1:10,560	1899	6
Hampshire & Isle Of Wight	1:10,560	1909	7
Sussex	1:10,560	1914	8
Sussex	1:10,560	1914	9
Sussex	1:10,560	1914	10
Hampshire & Isle Of Wight	1:10,560	1931	11
Hampshire & Isle Of Wight	1:10,560	1931	12
Historical Aerial Photography	1:10,560	1947	13
Ordnance Survey Plan	1:10,000	1962	14
Ordnance Survey Plan	1:10,000	1973	15
Ordnance Survey Plan	1:10,000	1973	16
Ordnance Survey Plan	1:10,000	1982	17
Havant	1:25,000	1983	18
Ordnance Survey Plan	1:10,000	1992	19
10K Raster Mapping	1:10,000	2000	20
10K Raster Mapping	1:10,000	2006	21
VectorMap Local	1:10,000	2019	22

Russian Map - Slice D



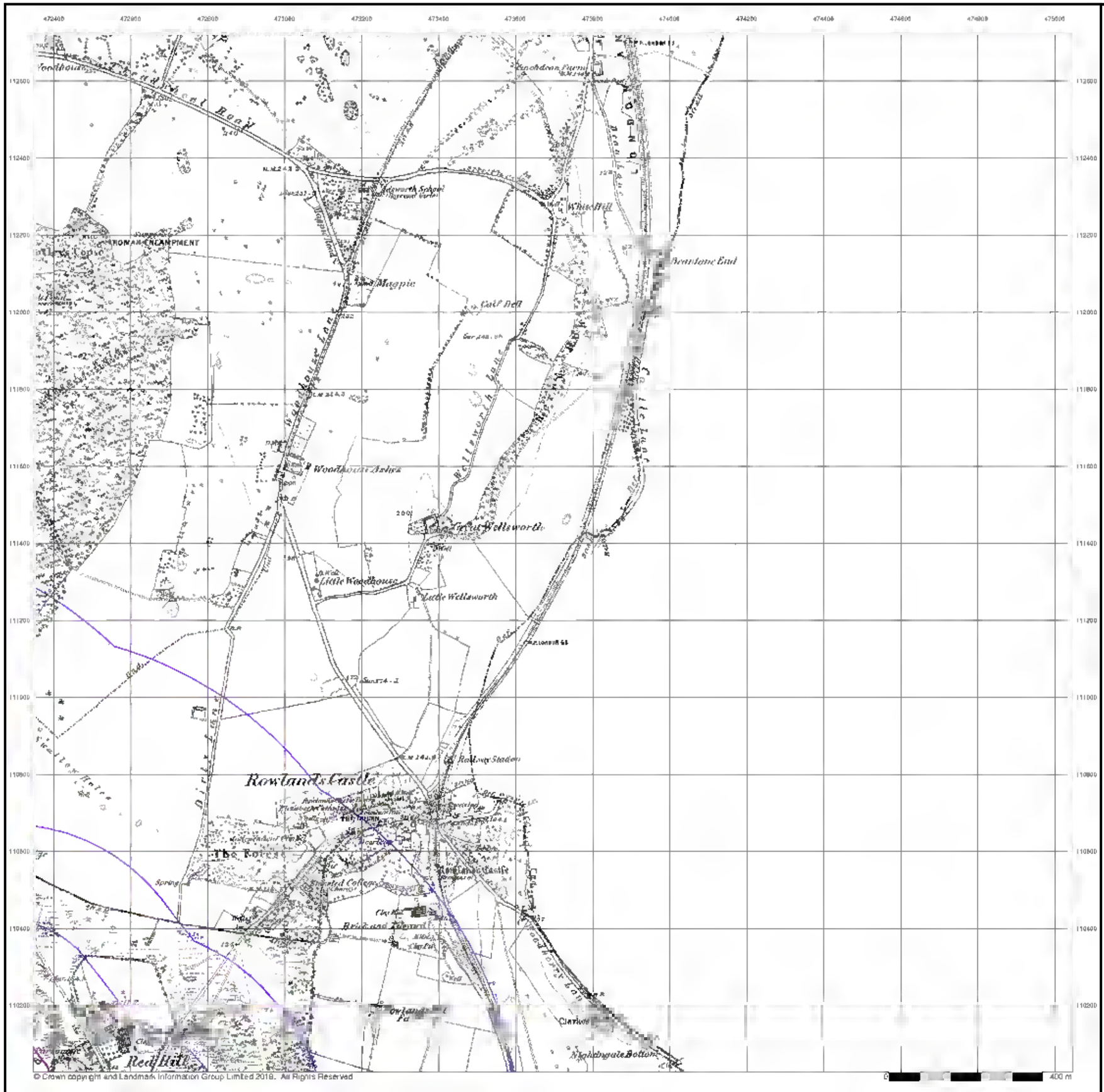
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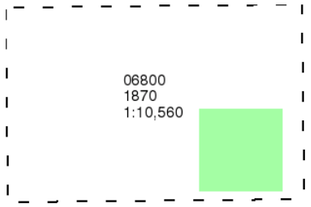
Hampshire & Isle Of Wight

Published 1870

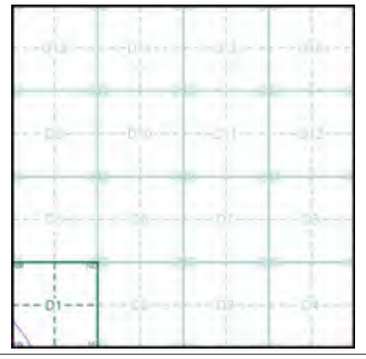
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice D



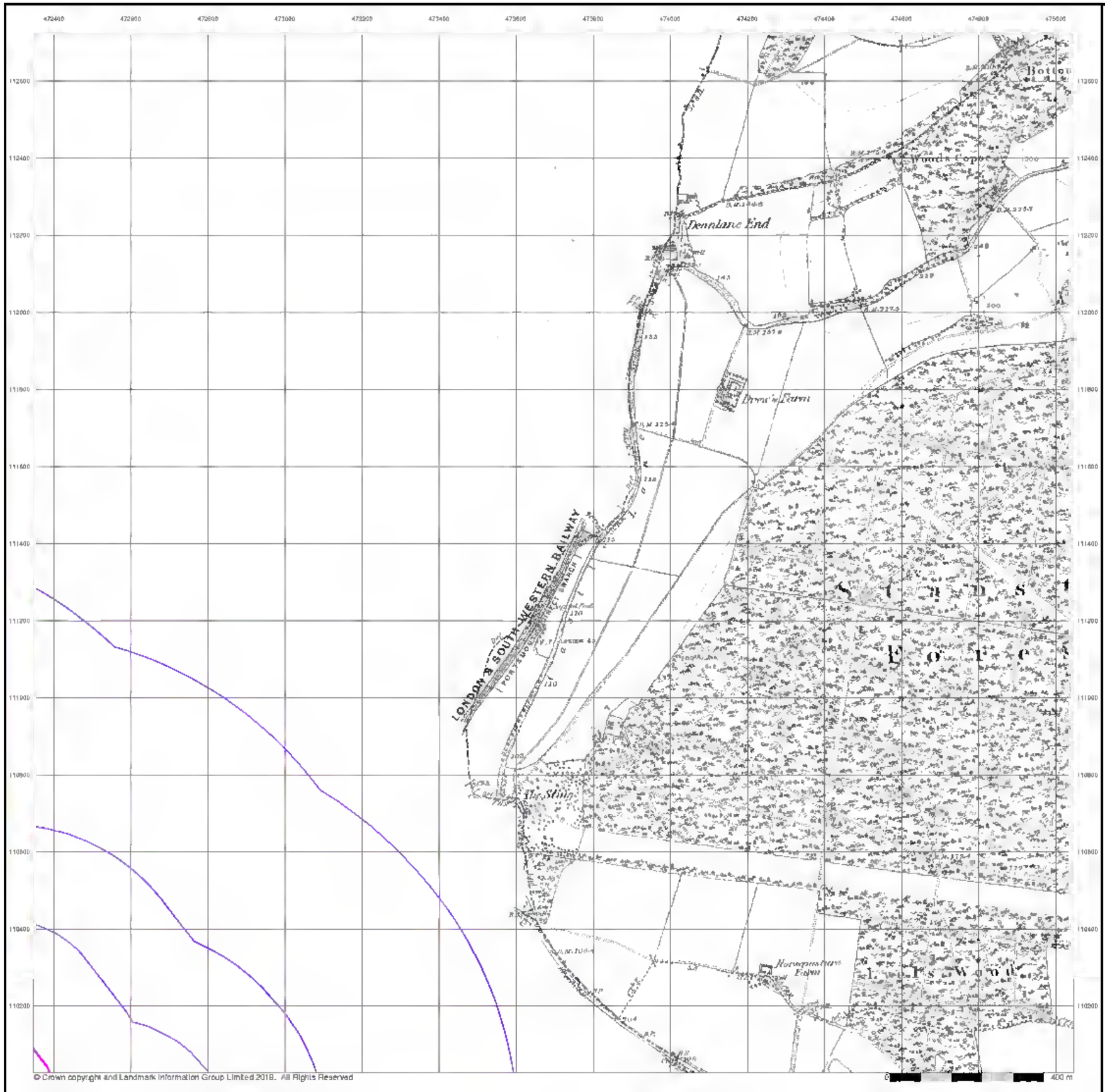
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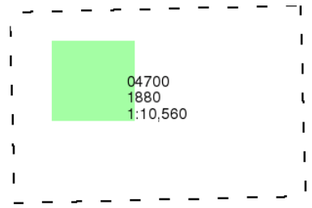
Sussex

Published 1880

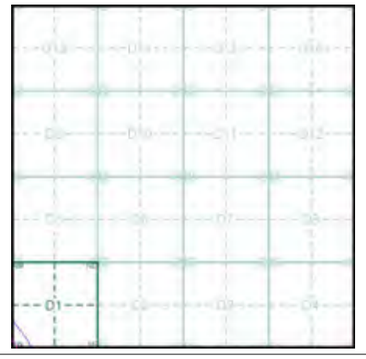
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Map Name(s) and Date(s)



Historical Map - Slice D



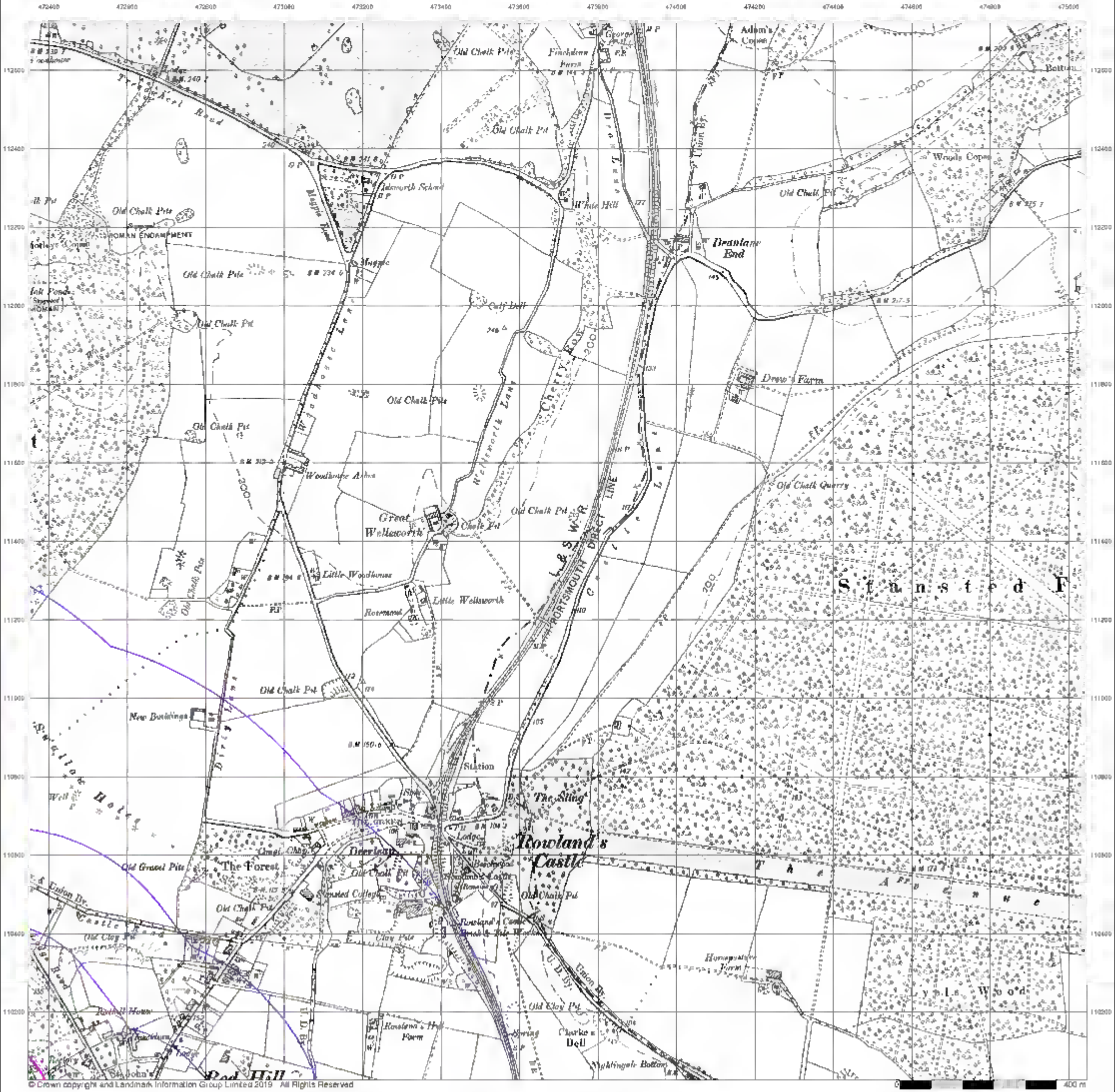
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Hampshire & Isle Of Wight

Published 1898

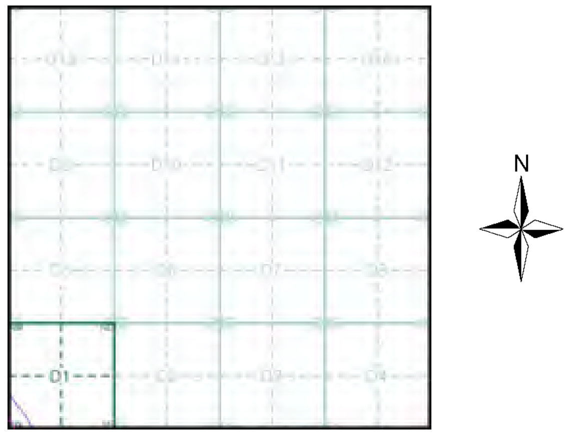
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Map Name(s) and Date(s)

068SE
1898
1:10,560

Historical Map - Slice D



Order Details

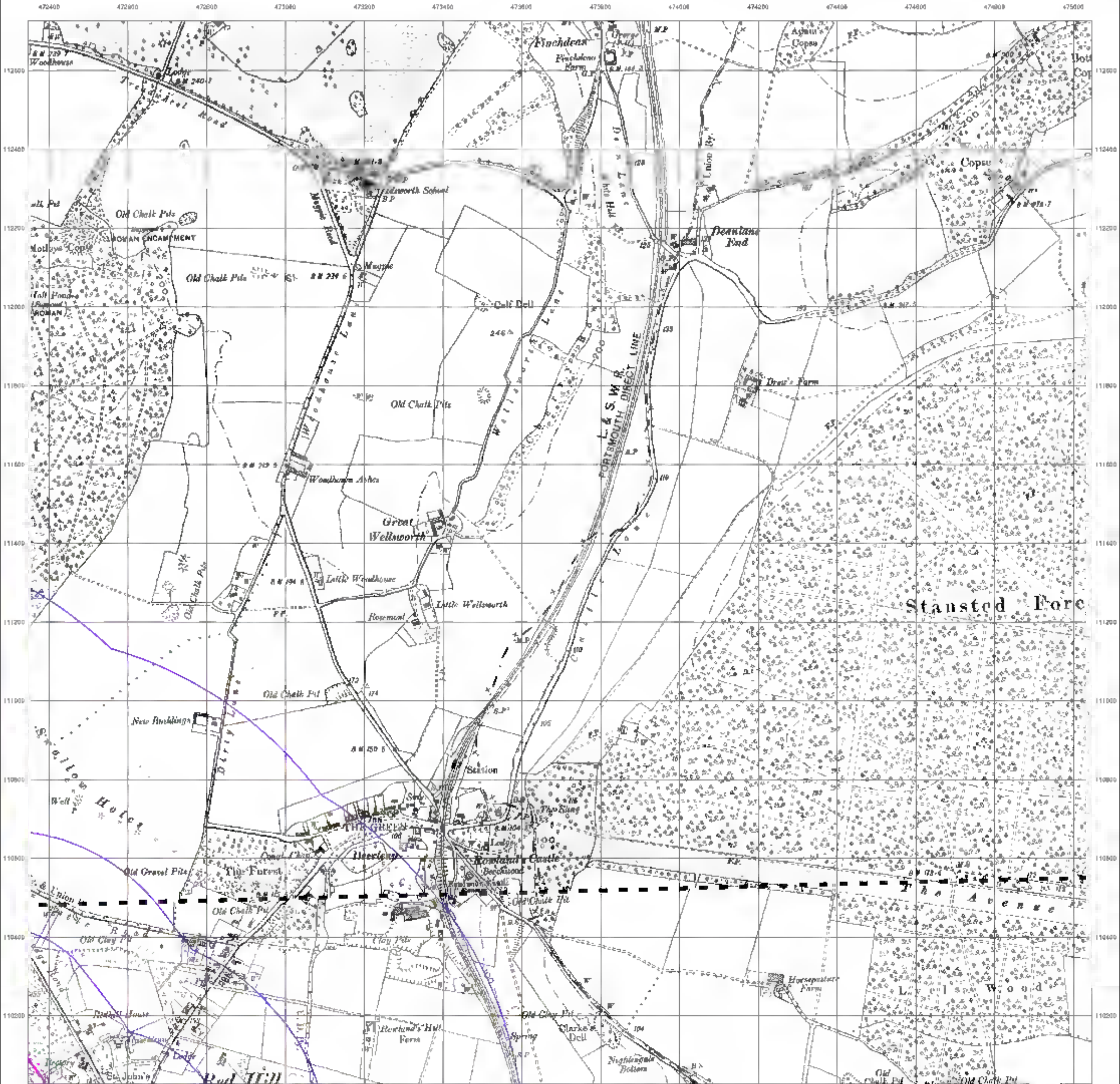
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ATKINS

Sussex

Published 1899

Source map scale - 1:10,560

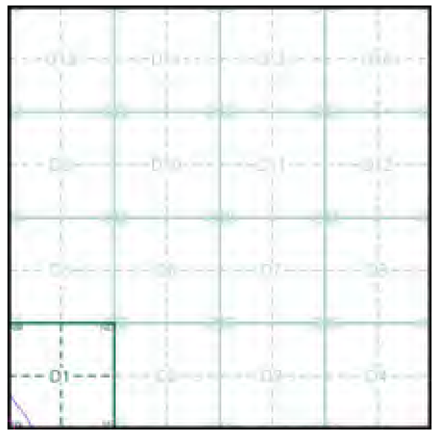
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Map Name(s) and Date(s)

047NW
1899
1:10,560

047SW
1899
1:10,560

Historical Map - Slice D



N

Order Details

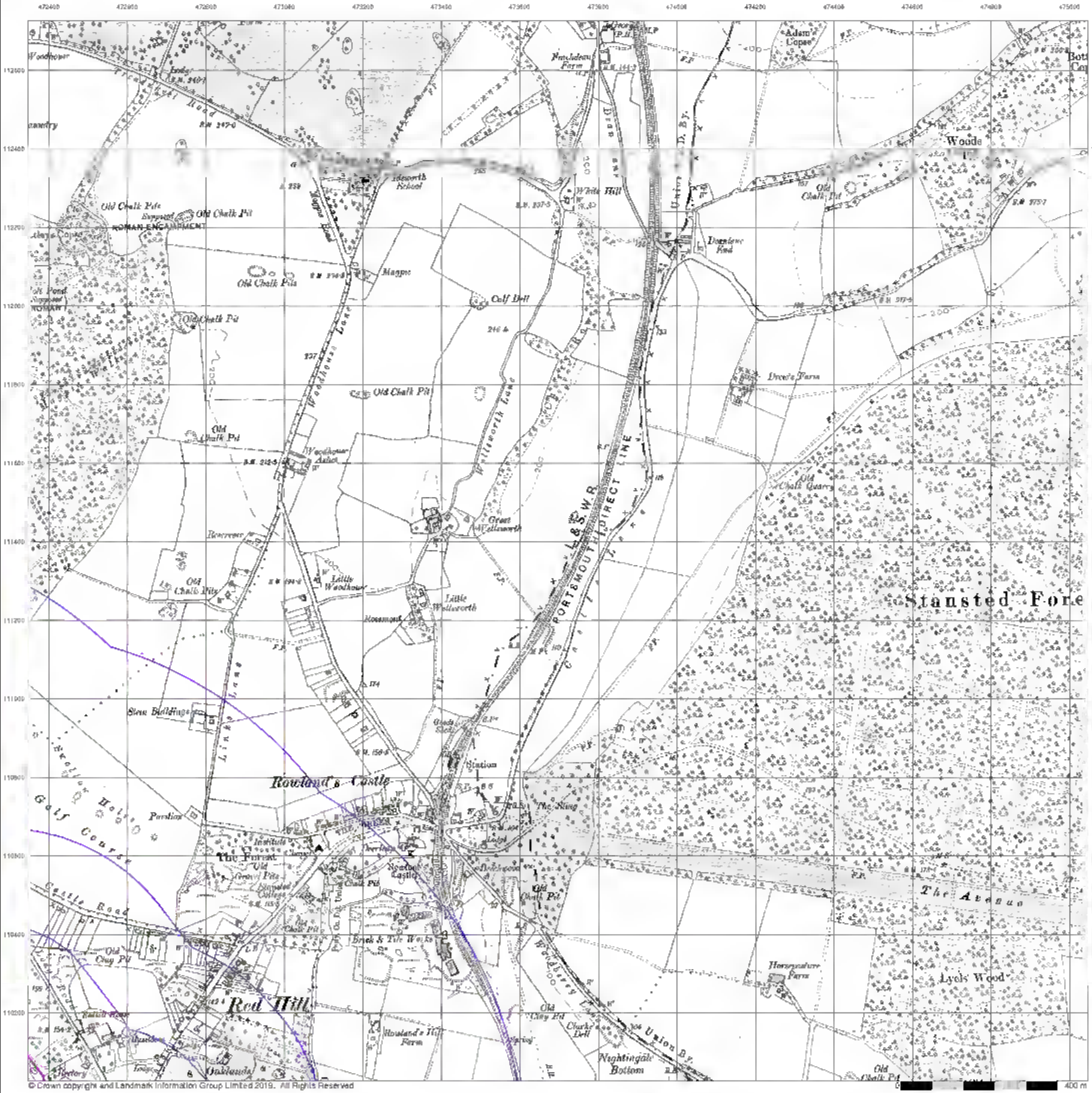
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ATKINS

Hampshire & Isle Of Wight

Published 1909

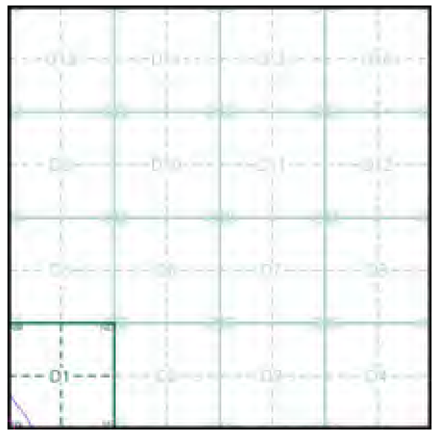
Source map scale - 1:10,560

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Map Name(s) and Date(s)

068SE
1909
1:10,560

Historical Map - Slice D



N

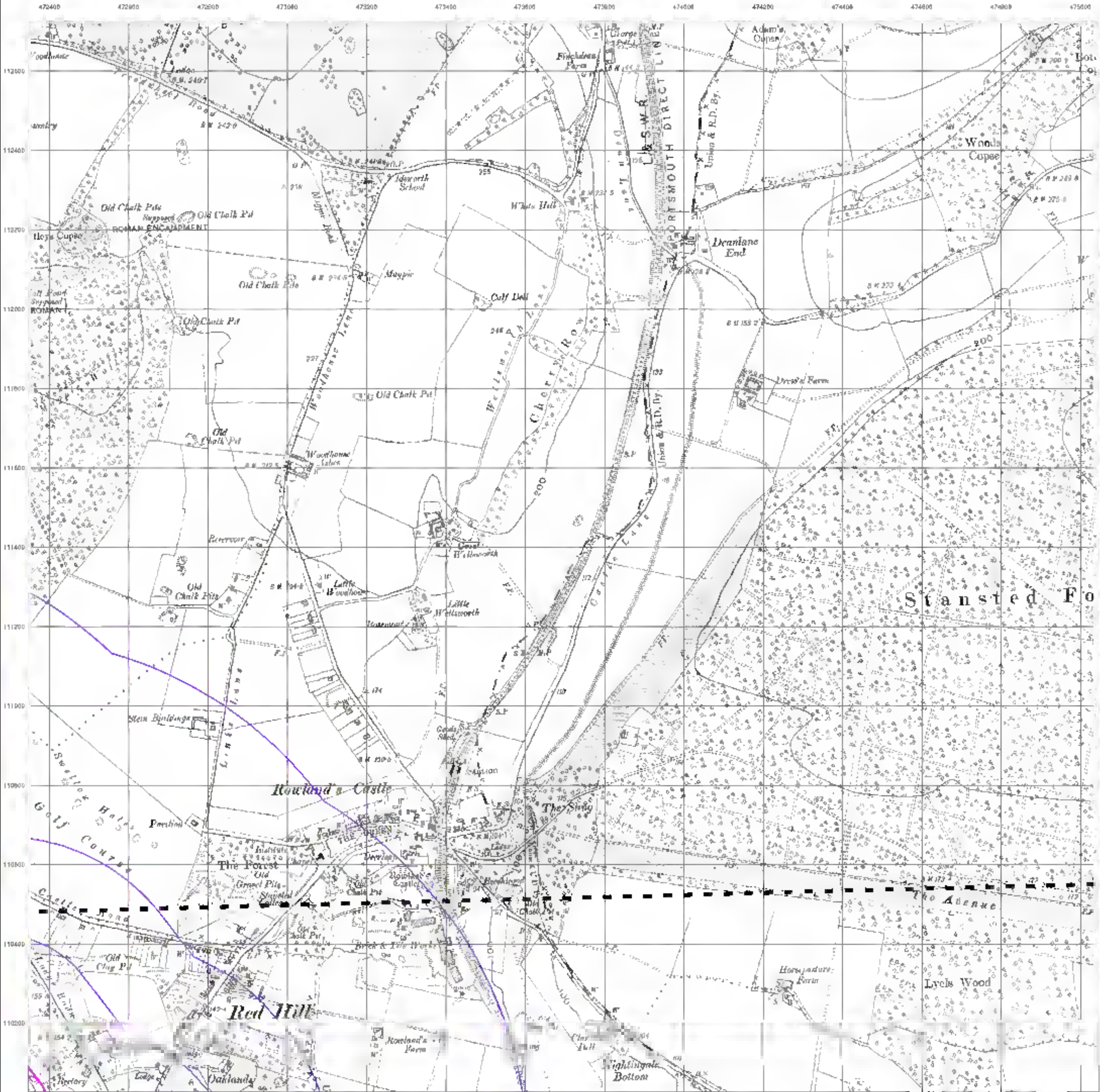
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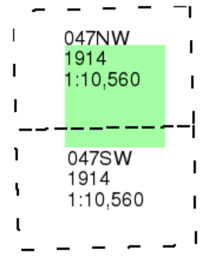
Sussex

Published 1914

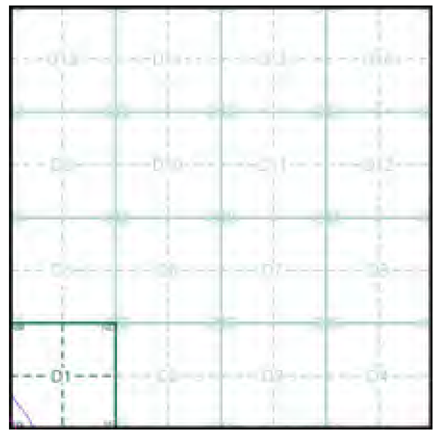
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice D



N

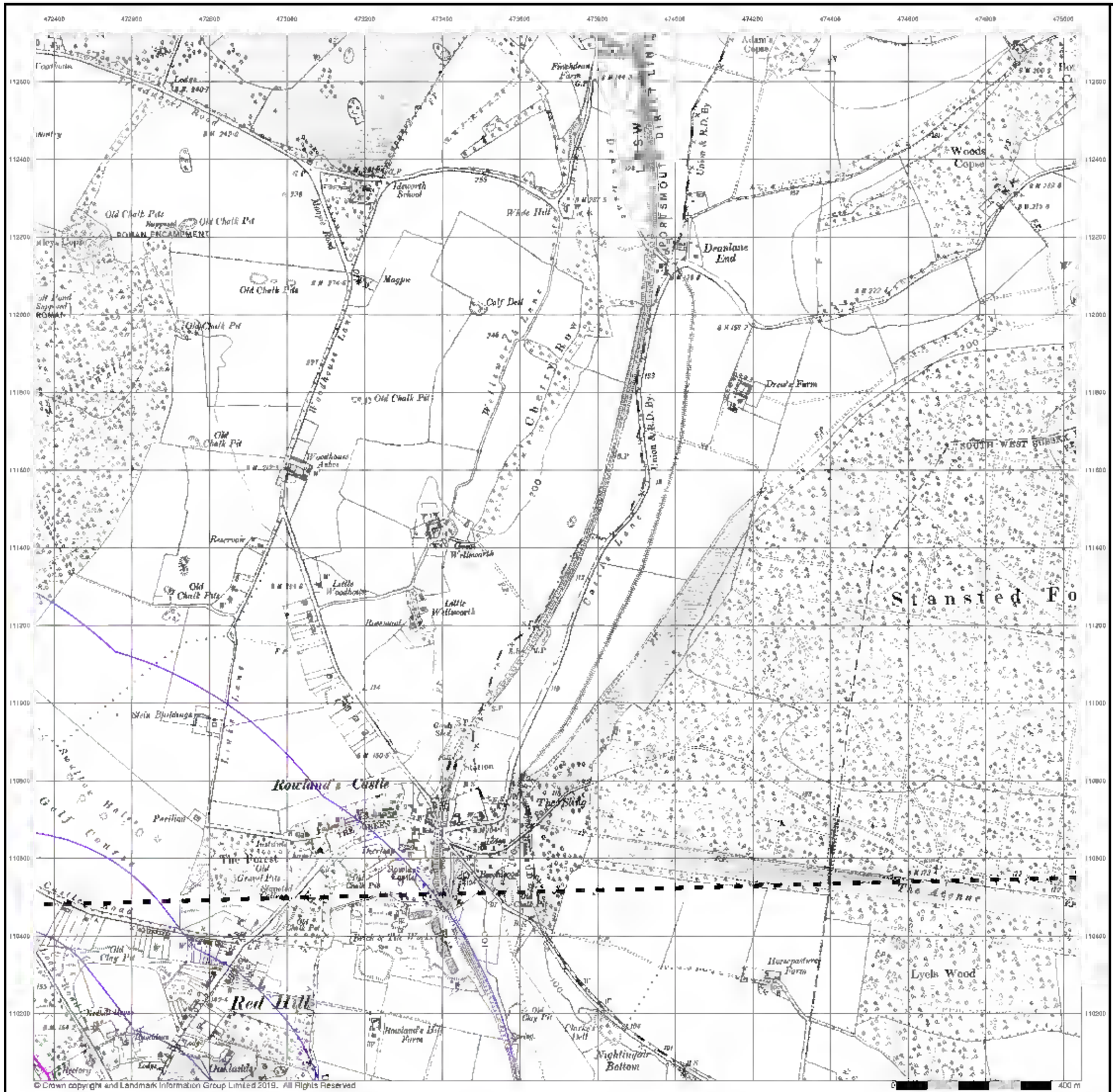
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National Grid Reference: 472830, 110490
Slice: D
Site Area (Ha): 172.43
Search Buffer (m): 1000

Site Details

Site at 472000, 110000

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ATKINS

Sussex

Published 1914

Source map scale - 1:10,560

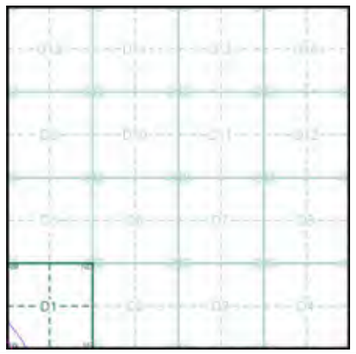
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Map Name(s) and Date(s)

047NW
1914
1:10,560

047SW
1914
1:10,560

Historical Map - Slice D



N

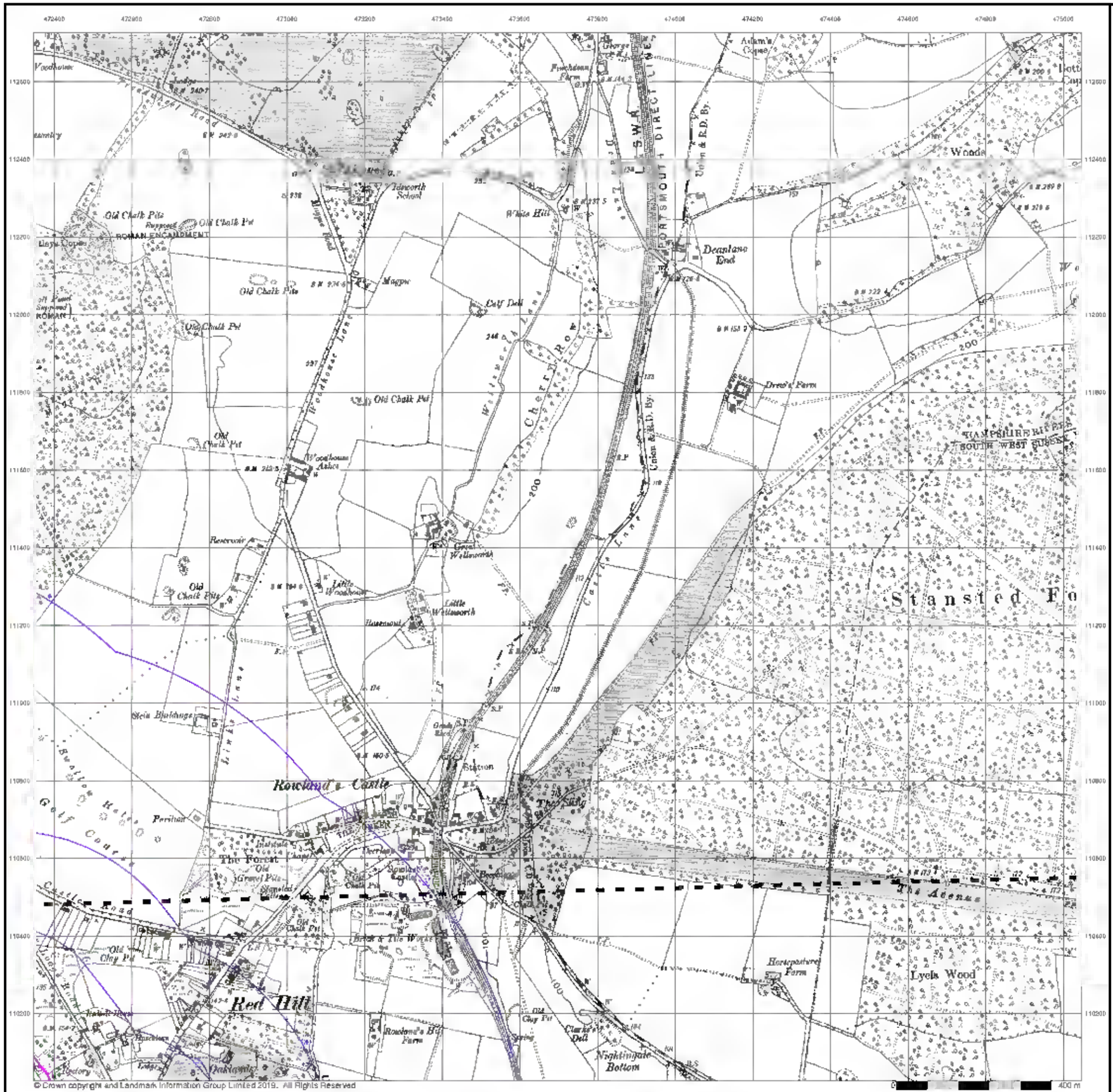
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Sussex

Published 1914

Source map scale - 1:10,560

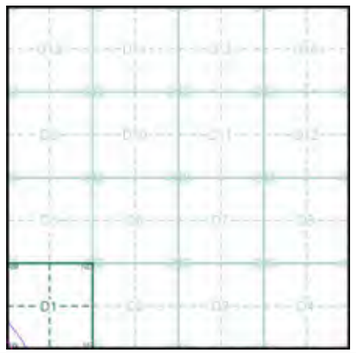
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Map Name(s) and Date(s)

047NW
1914
1:10,560

047SW
1914
1:10,560

Historical Map - Slice D



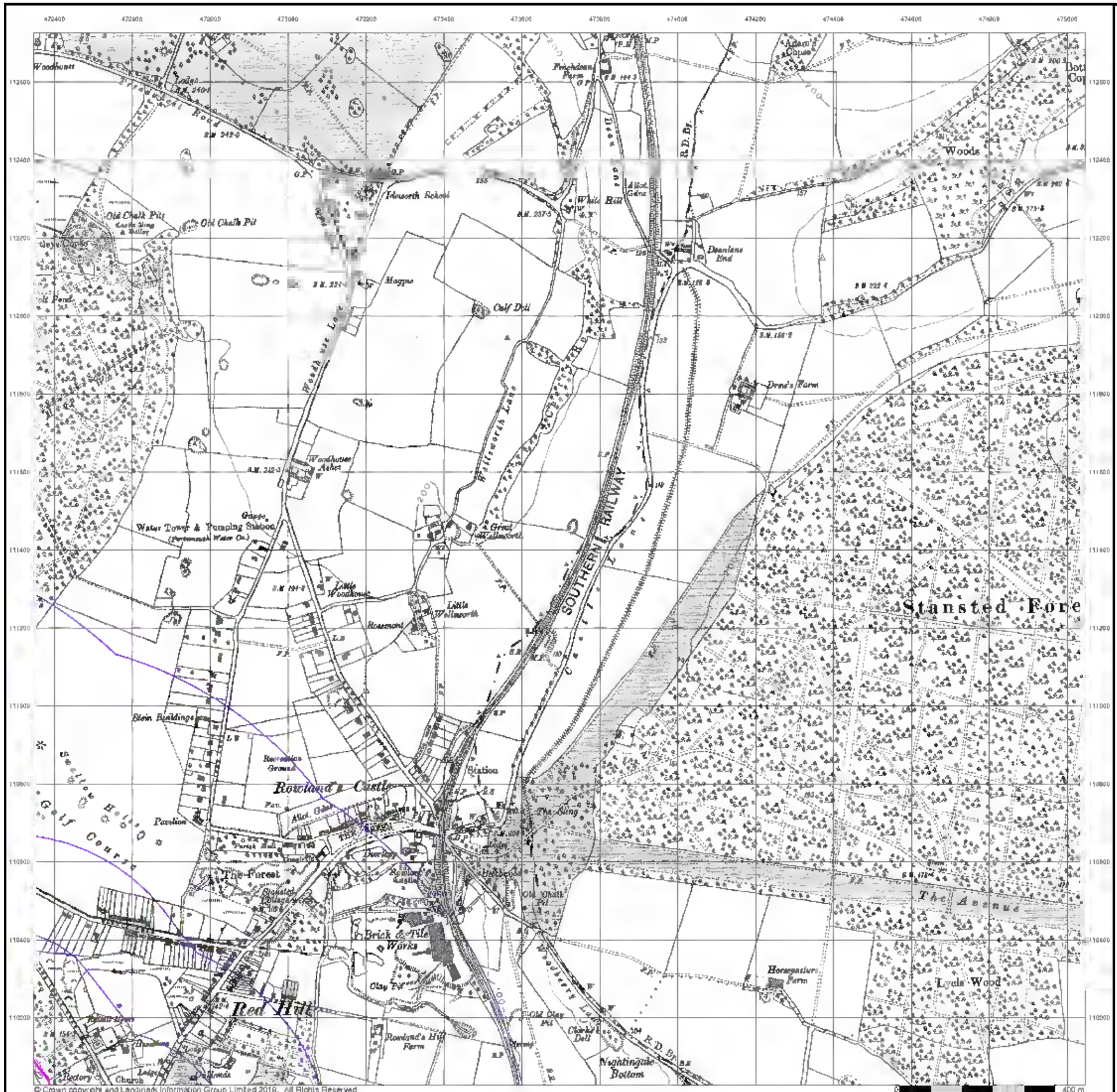
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Hampshire & Isle Of Wight

Published 1931

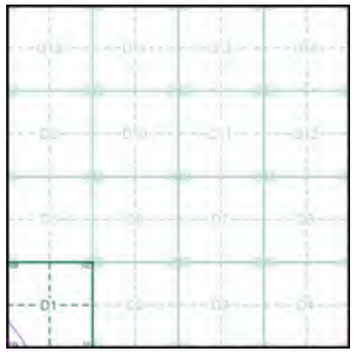
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Map Name(s) and Date(s)

068SE
1931
1:10,560

Historical Map - Slice D



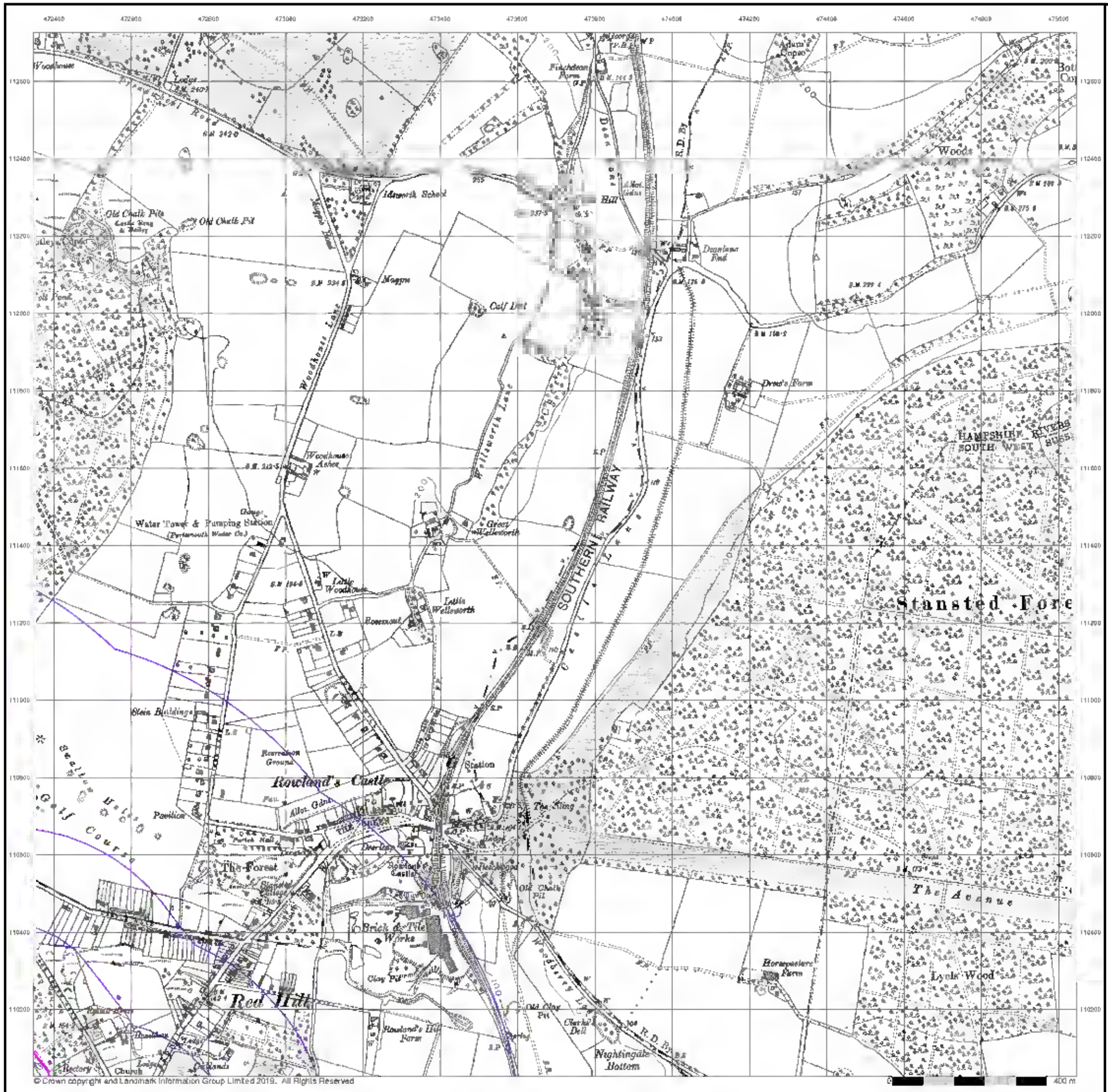
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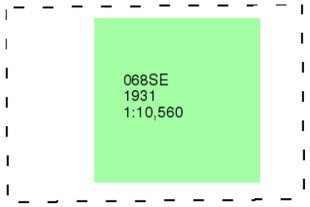
Hampshire & Isle Of Wight

Published 1931

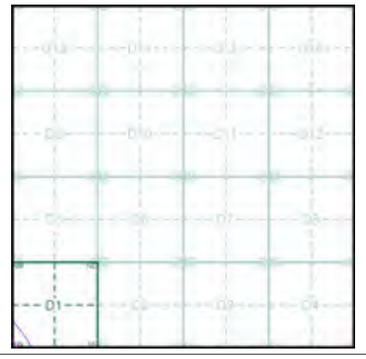
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Map Name(s) and Date(s)



Historical Map - Slice D



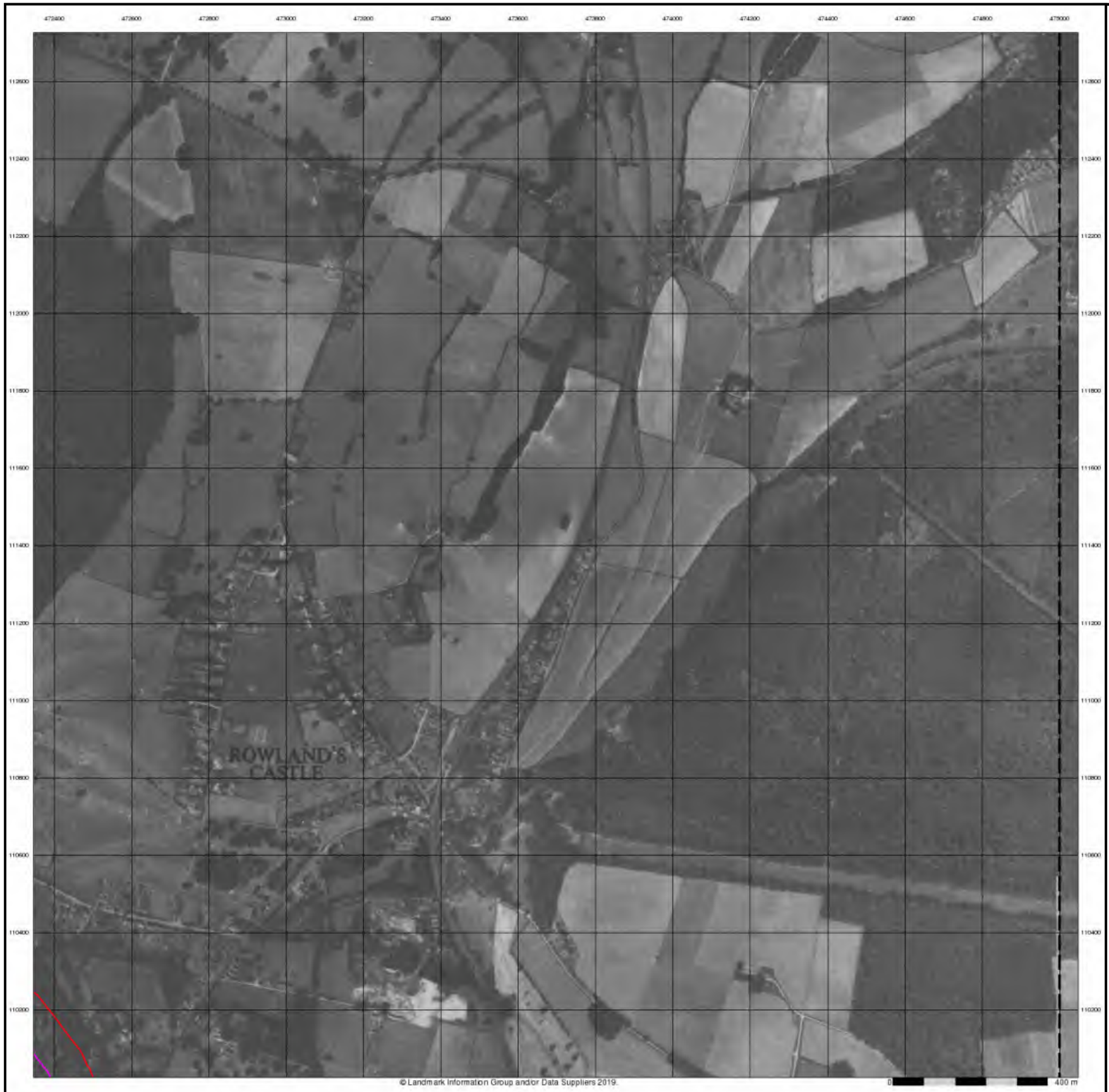
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Historical Aerial Photography

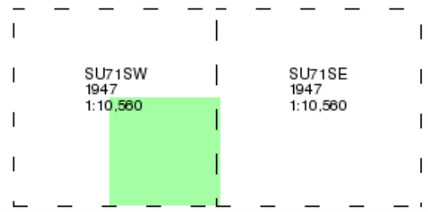
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Source map scale - 1:10,560

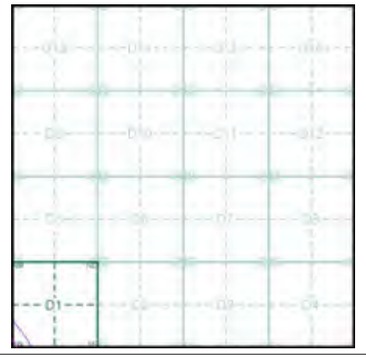
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice D



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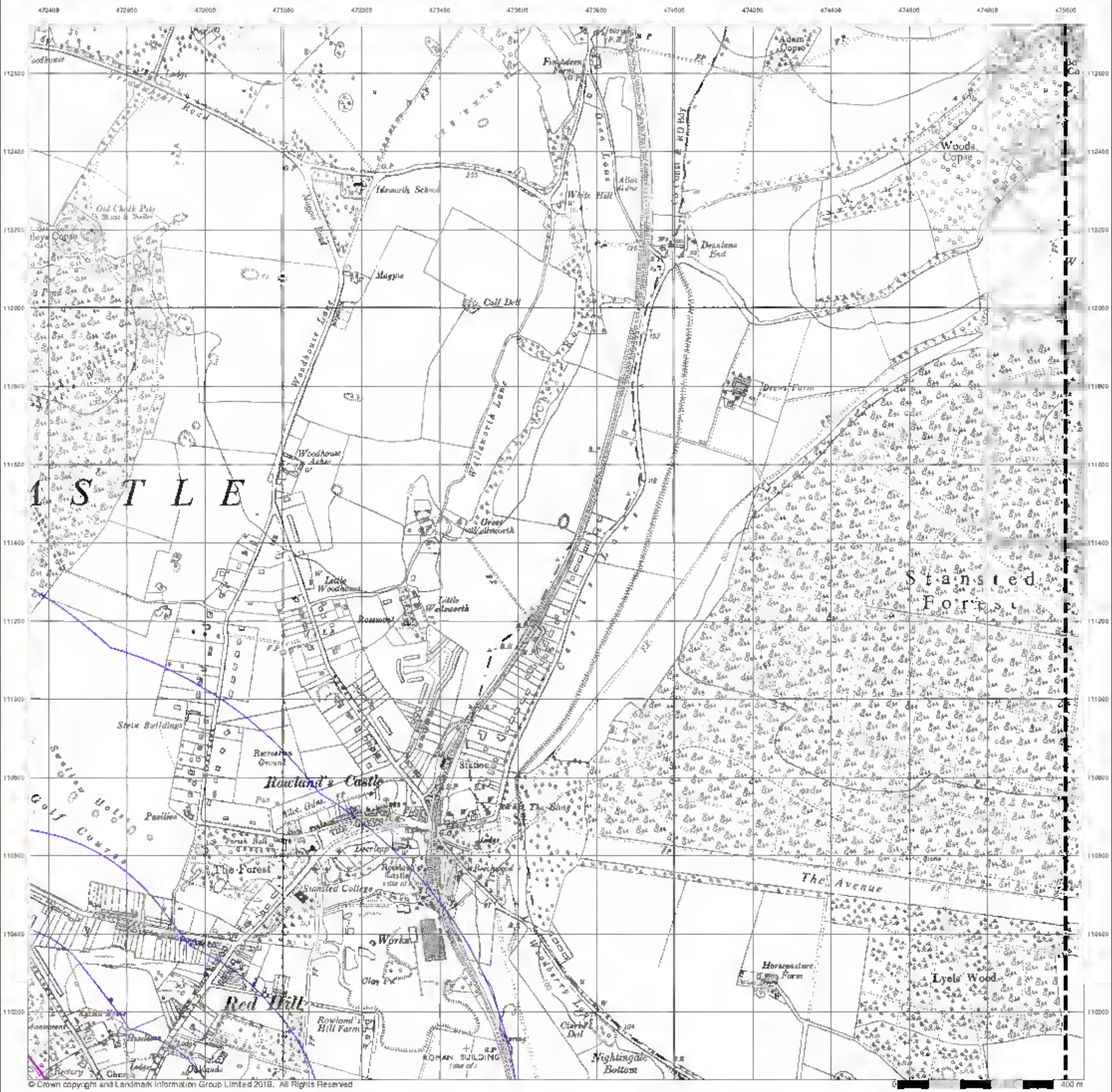
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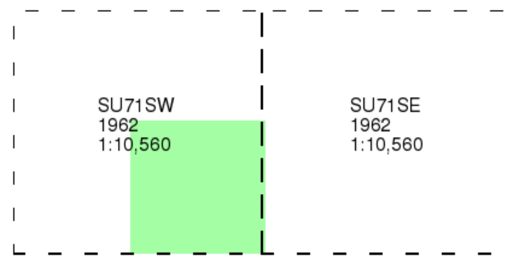
Ordnance Survey Plan

Published 1962

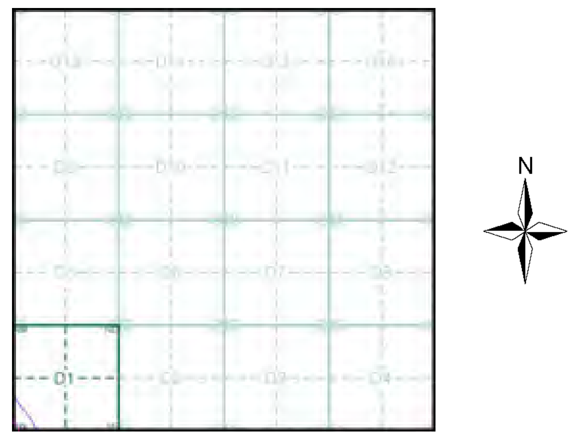
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Map Name(s) and Date(s)



Historical Map - Slice D



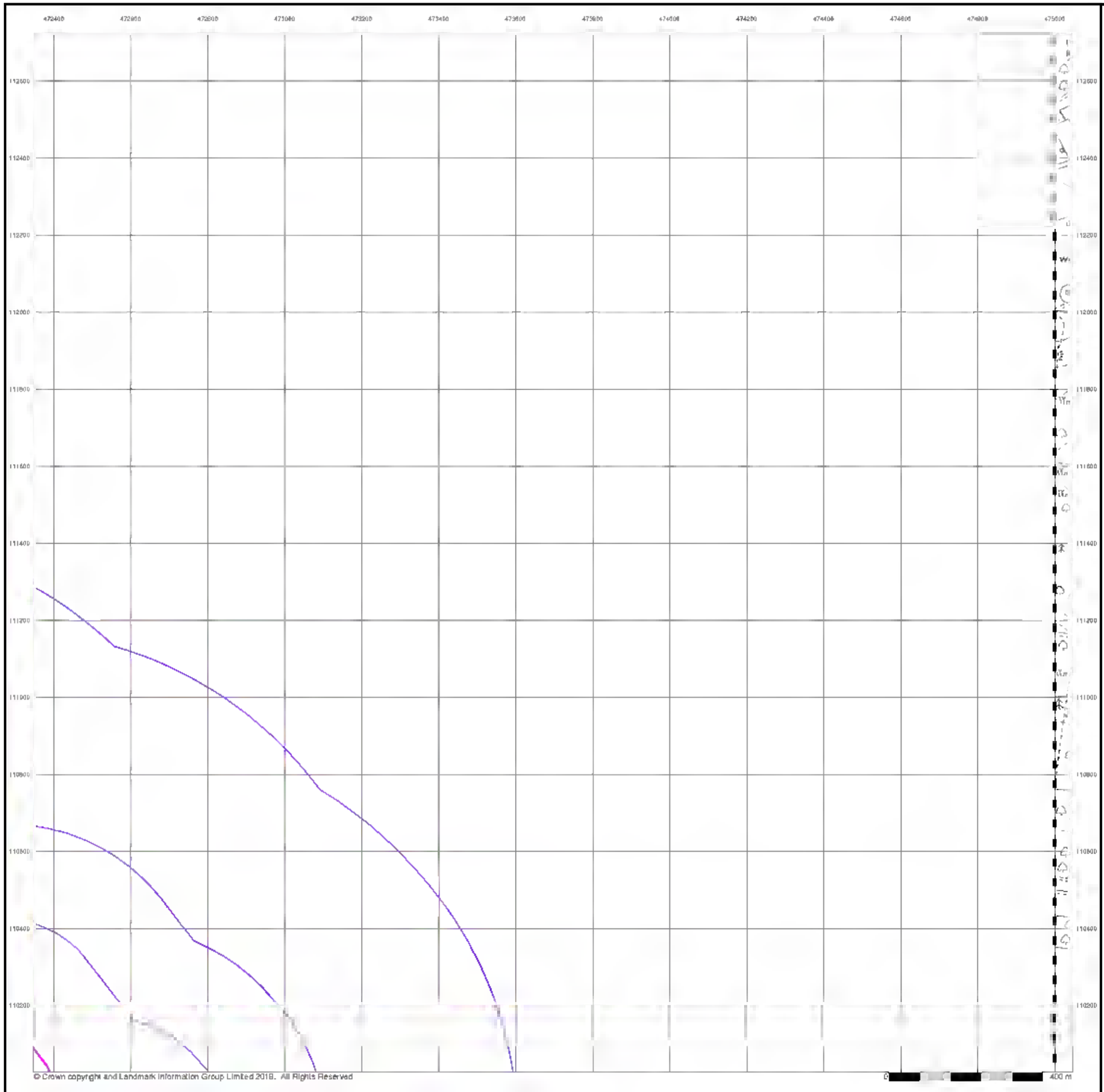
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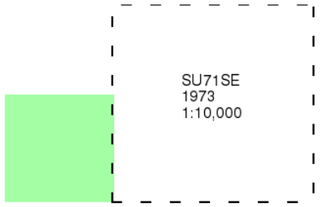
Ordnance Survey Plan

Published 1973

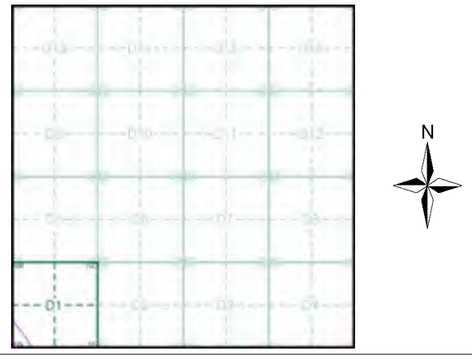
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Map Name(s) and Date(s)



Historical Map - Slice D



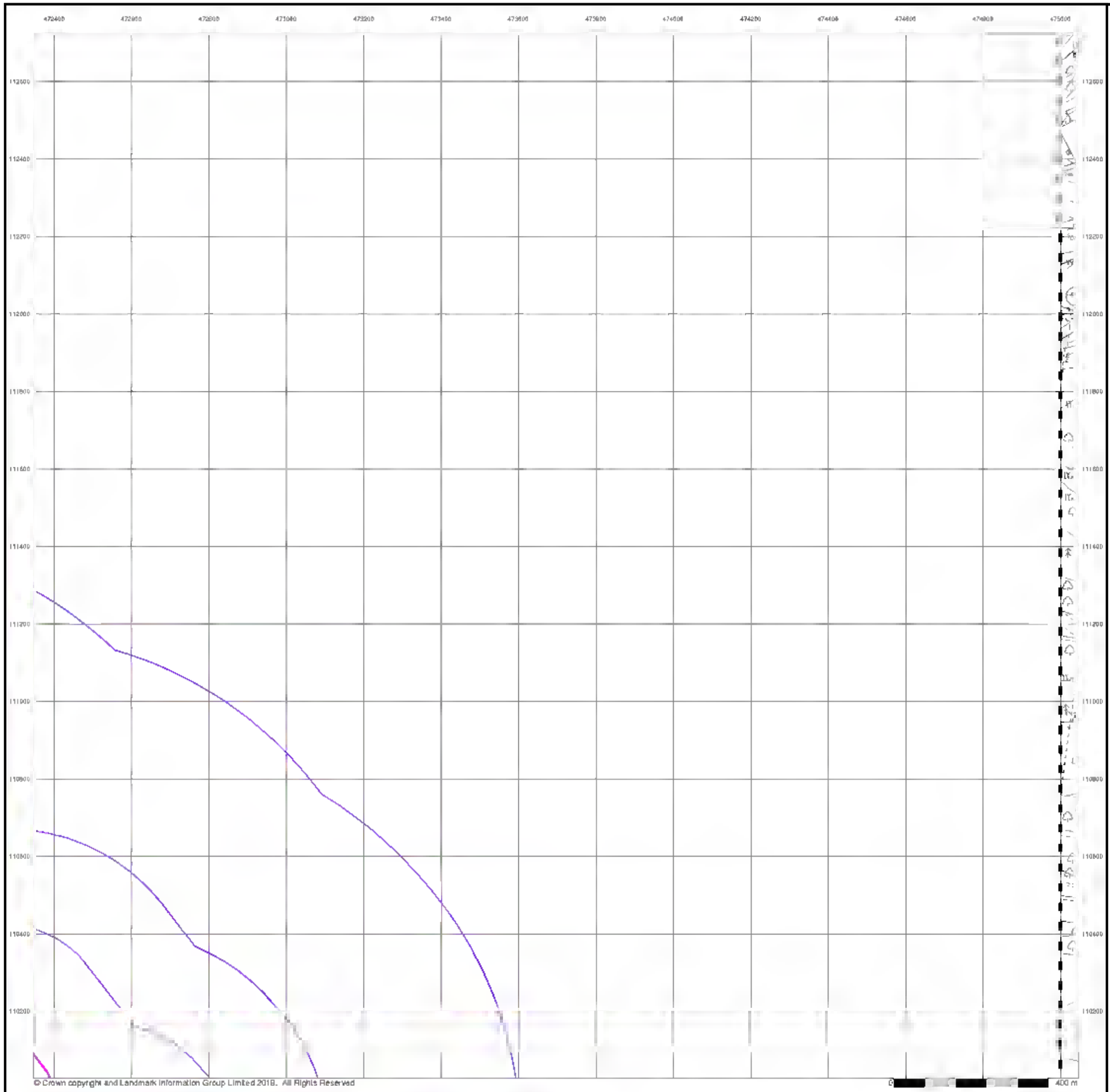
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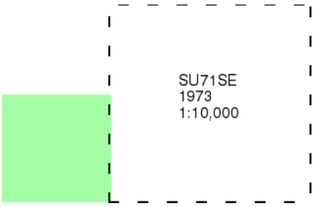
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Published 1973

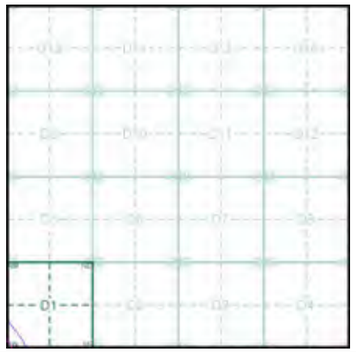
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Historical Map - Slice D



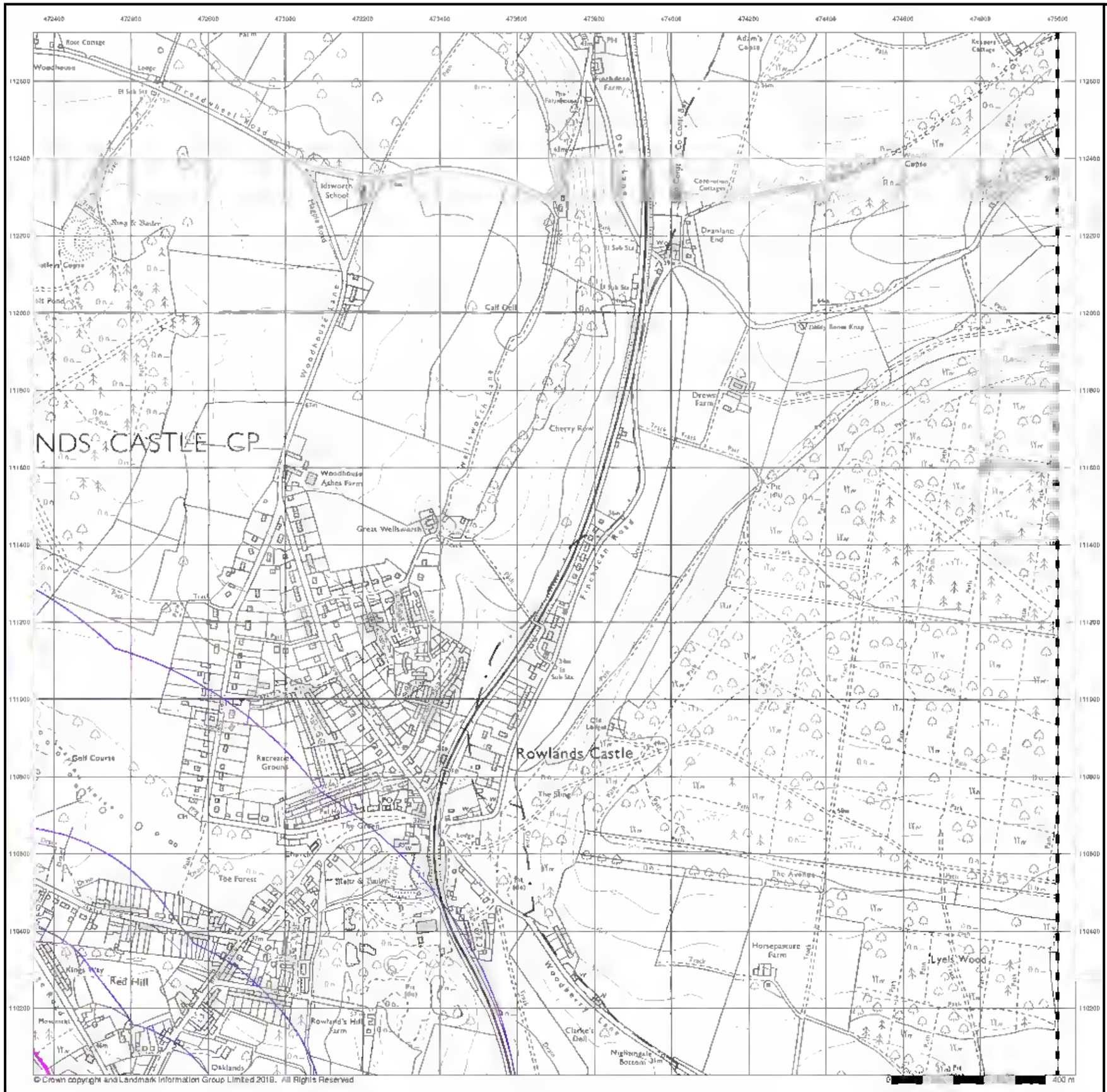
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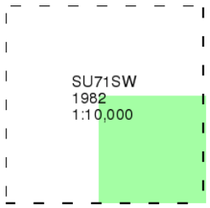
Ordnance Survey Plan

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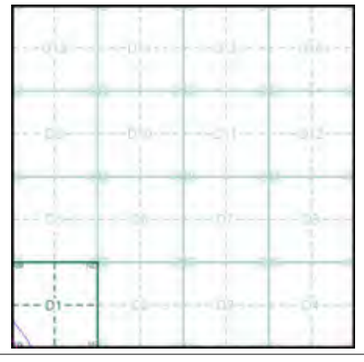
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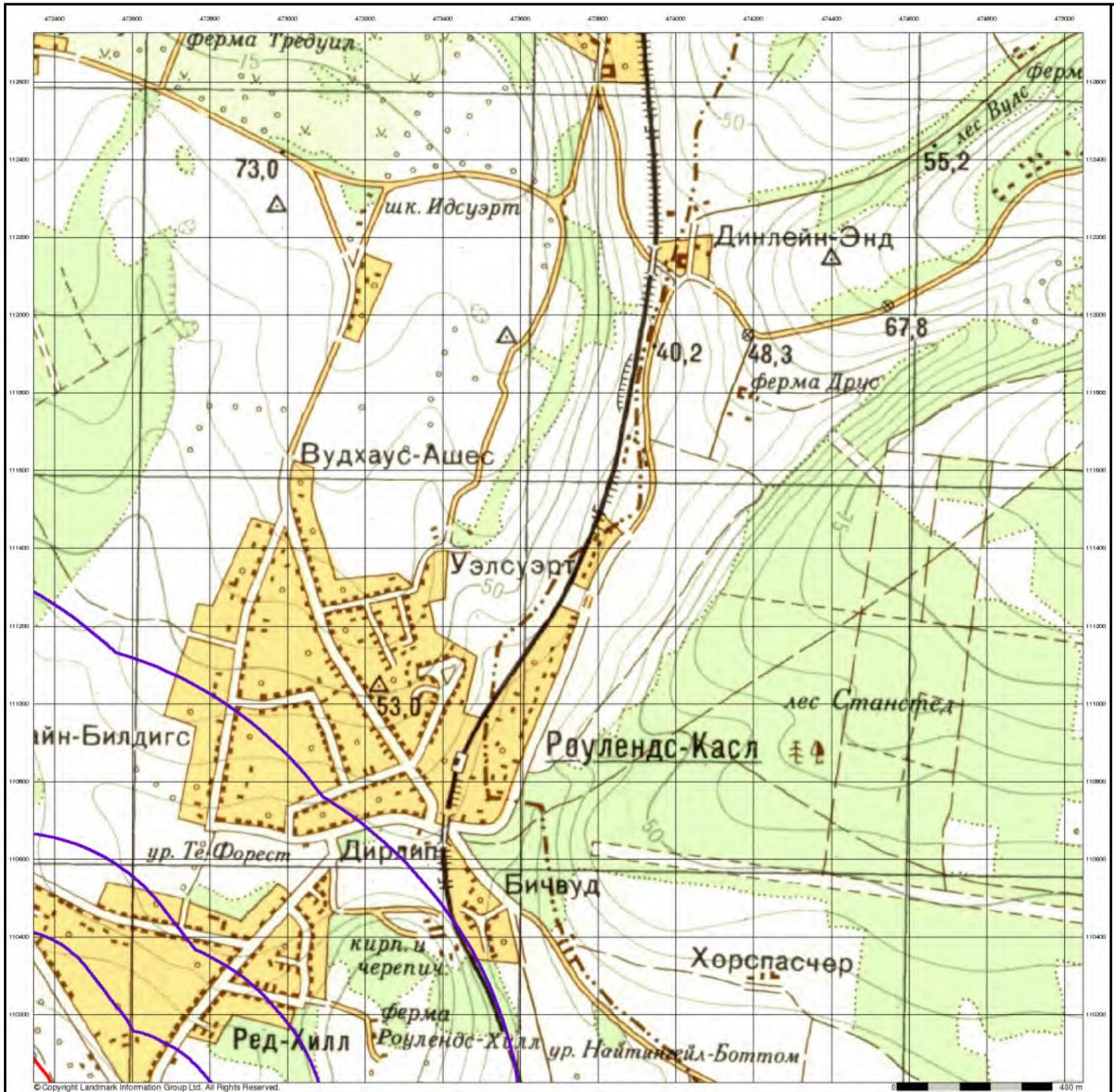
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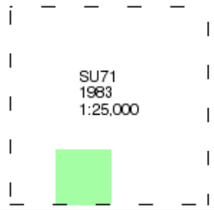
Havant

Published 1983

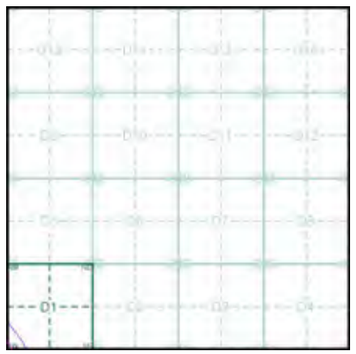
Source map scale - 1:25,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.
They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice D



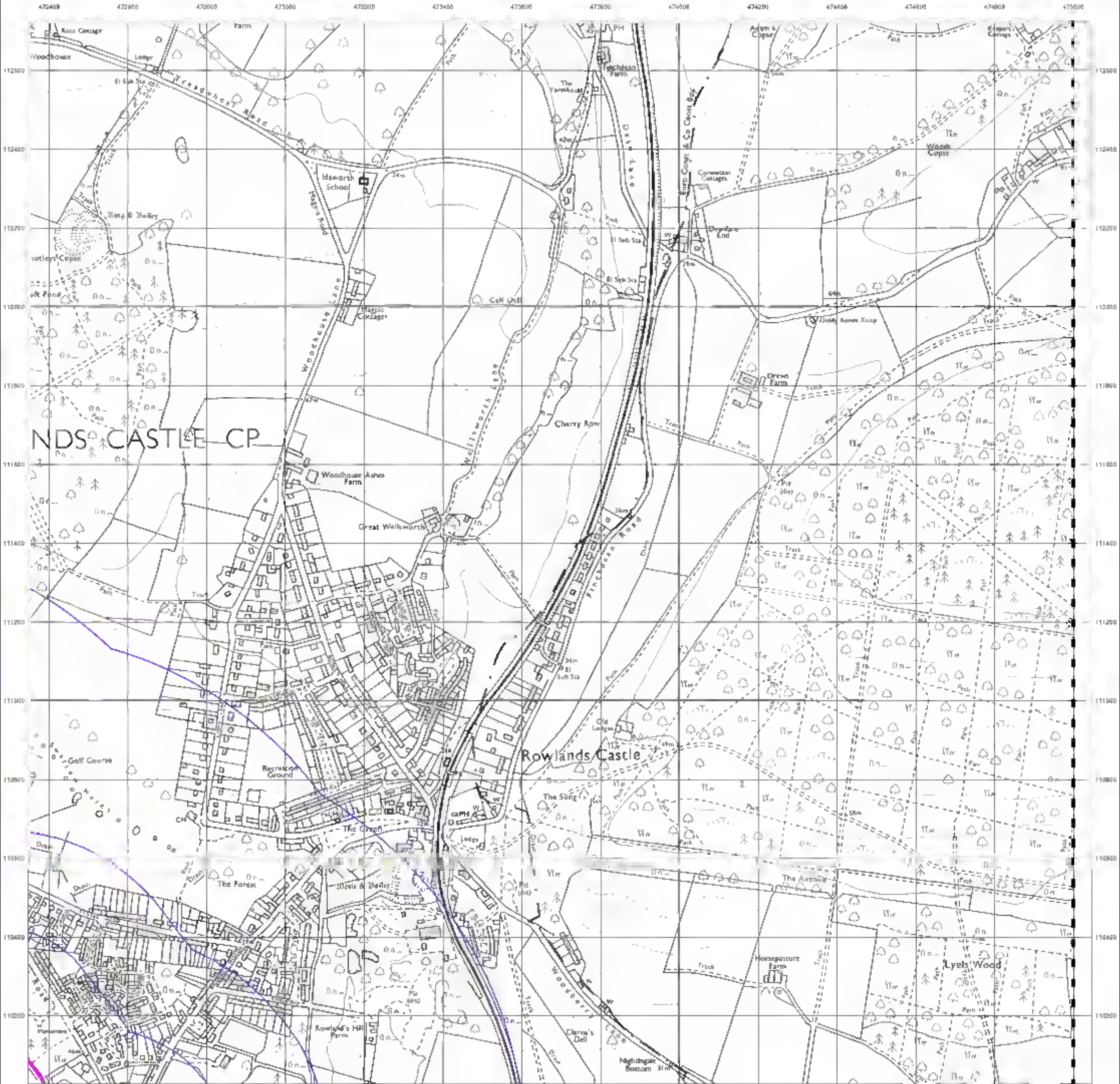
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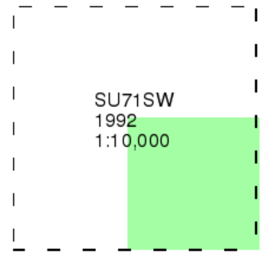
Ordnance Survey Plan

Published 1992

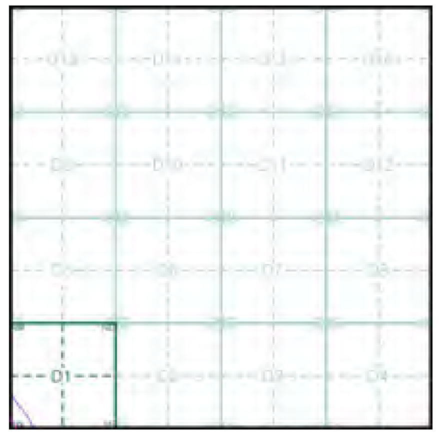
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice D



N

Order Details

Order Number: 202069335_1_1
Customer Ref: 5169117
National Grid Reference: 472830, 110490
Slice: D
Site Area (Ha): 172.43
Search Buffer (m): 1000

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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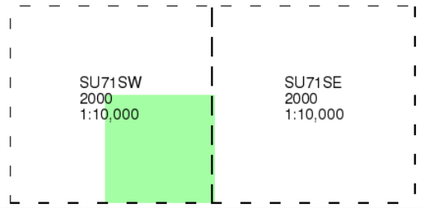
10k Raster Mapping

Published 2000

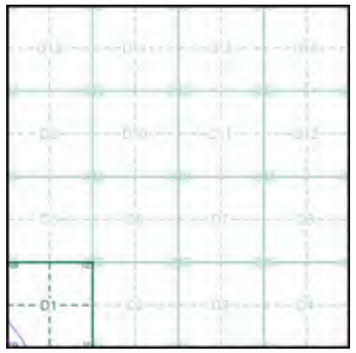
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice D



Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

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Site at 472000, 110000

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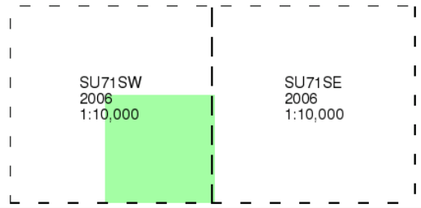
10k Raster Mapping

Published 2006

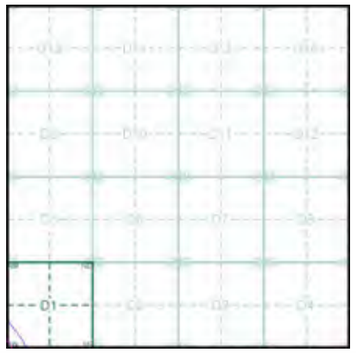
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice D

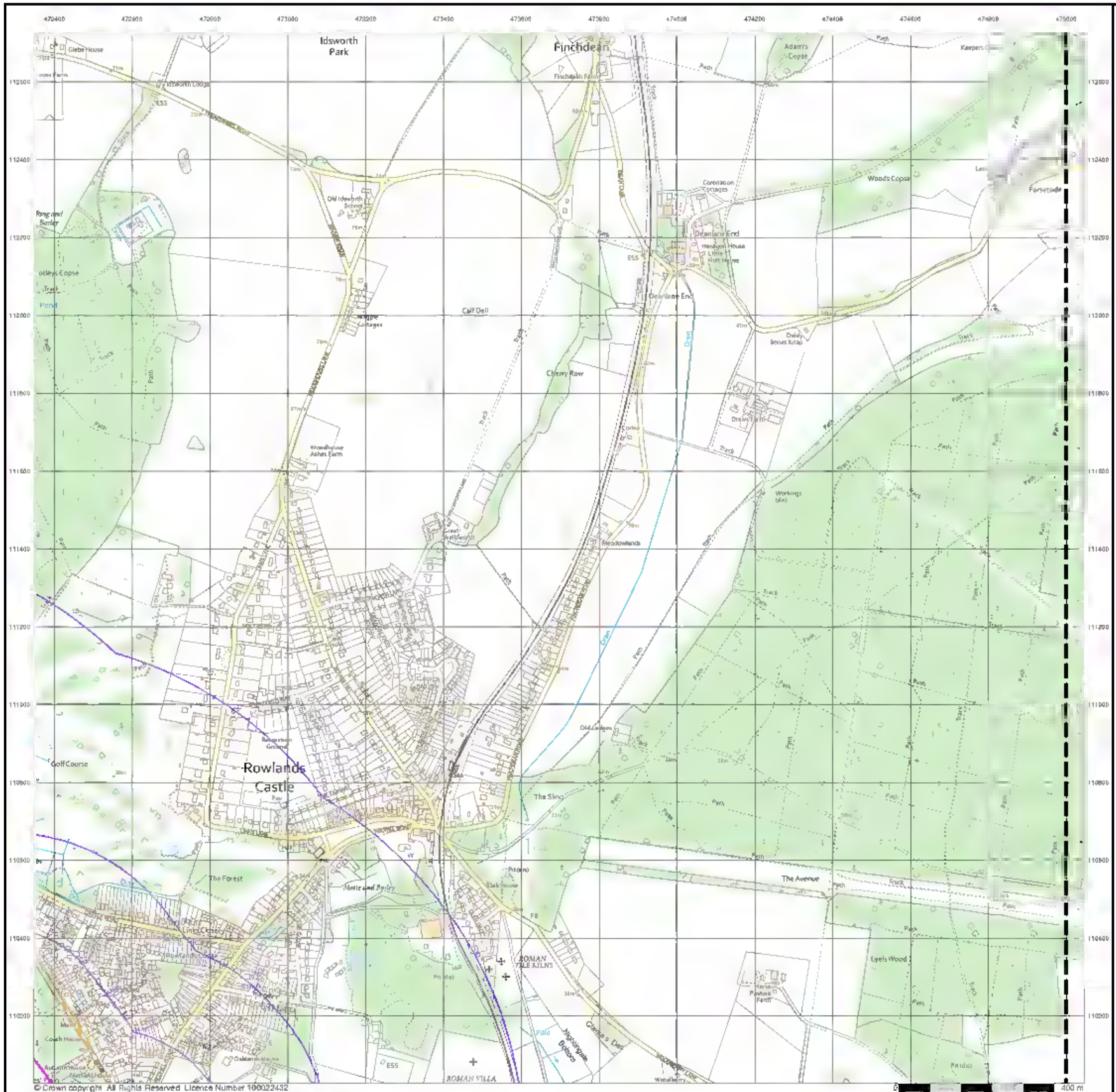


Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000



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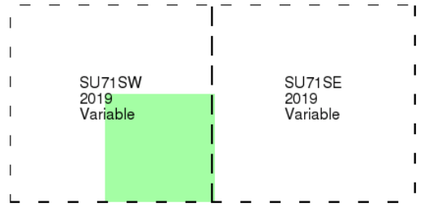
VectorMap Local

Published 2019

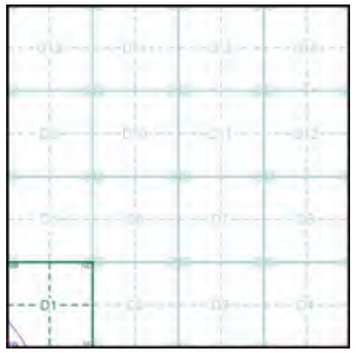
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities),1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



Historical Map - Slice D



Order Details

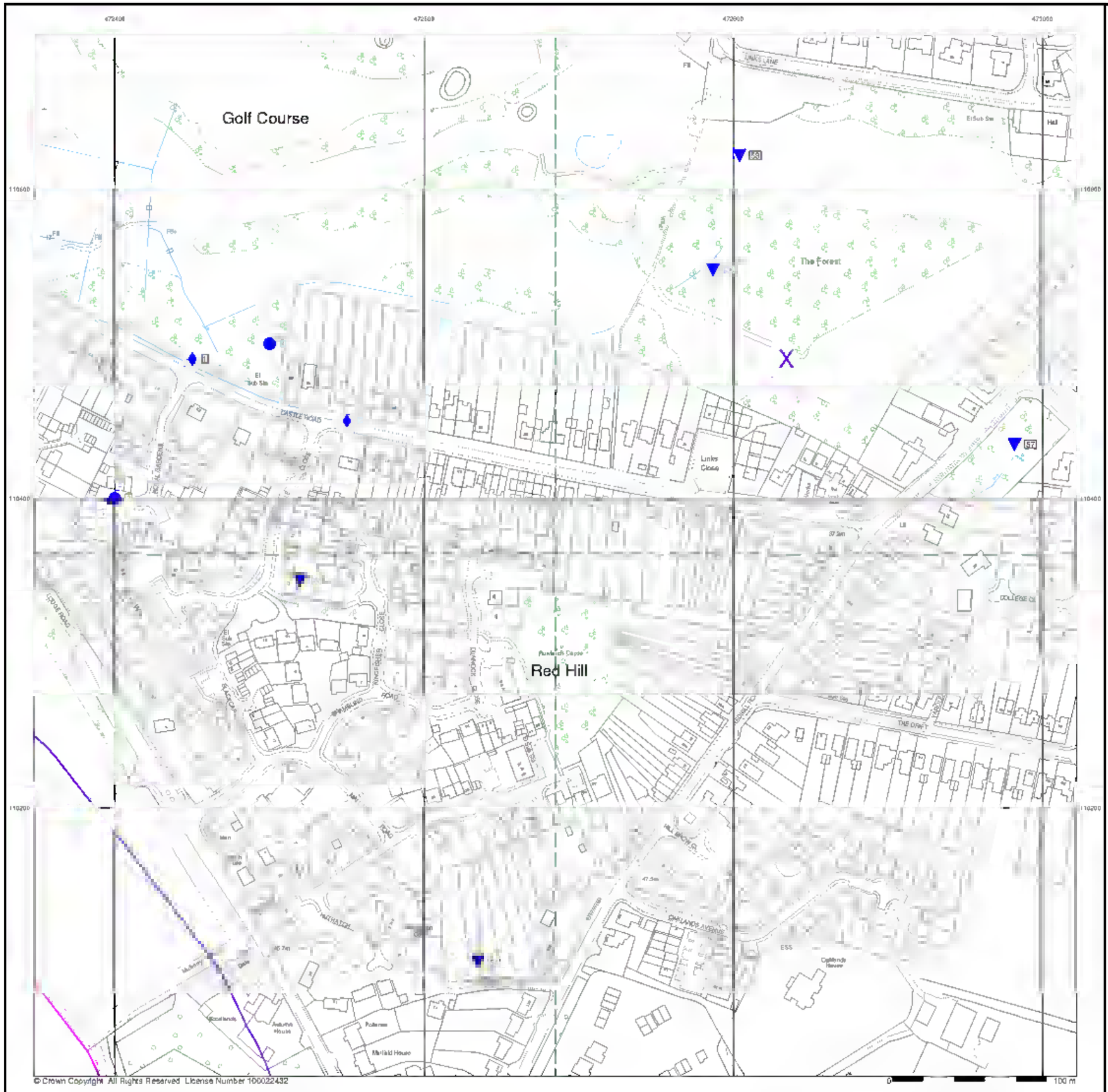
Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

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ATKINS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

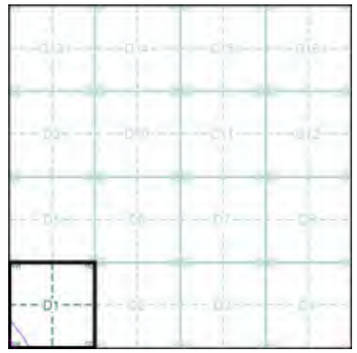
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment D1



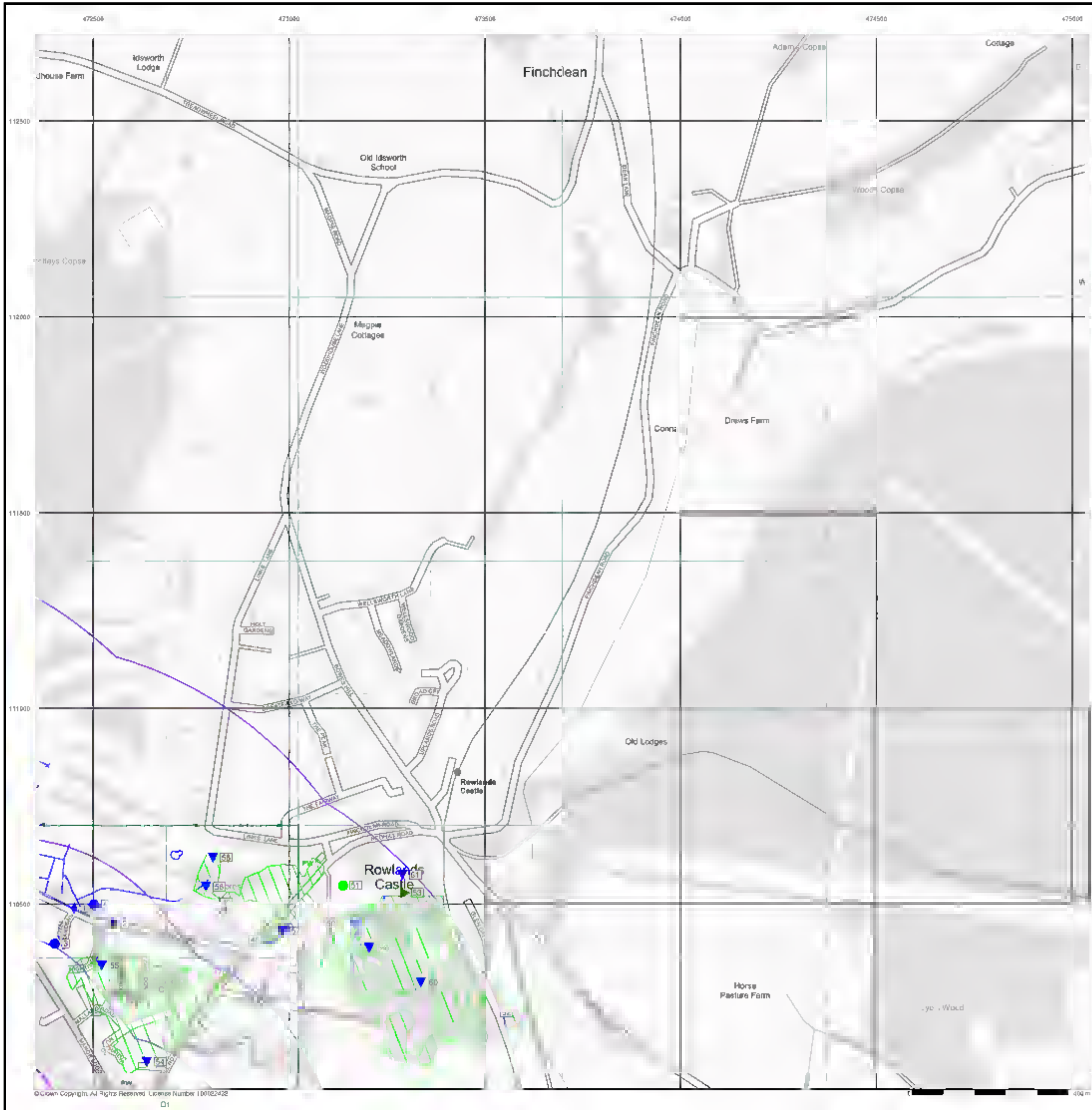
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Plot Buffer (m):	100

Site Details

Site at 472000, 110000

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ATKINS

General
Specified Site
Specified Buffer(s)
Bearing Reference Point
Map ID
Several of Type at Location

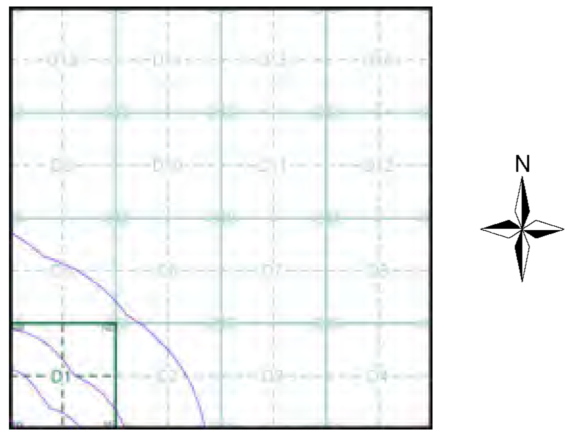
Agency and Hydrological
Contaminated Land Register Entry or Notice (Location)
Contaminated Land Register Entry or Notice
Discharge Consent
Enforcement or Prohibition Notice
Integrated Pollution Control
Integrated Pollution Prevention Control
Local Authority Integrated Pollution Prevention and Control
Local Authority Pollution Prevention and Control
Local Authority Pollution Prevention and Control Enforcement
Pollution Incident to Controlled Waters
Prosecution Relating to Authorised Processes
Prosecution Relating to Controlled Waters
Registered Radioactive Substance
River Network or Water Feature
River Quality Sampling Point
Substantiated Pollution Incident Register
Water Abstraction
Water Industry Act Referral

Hazardous Substances
COMAH Site
Explosive Site
NIHHS Site
Planning Hazardous Substance Consent
Planning Hazardous Substance Enforcement

Geological
BGS Recorded Mineral Site

Waste
BGS Recorded Landfill Site (Location)
BGS Recorded Landfill Site
EA Historic Landfill (Buffered Point)
EA Historic Landfill (Polygon)
Integrated Pollution Control Registered Waste Site
Licensed Waste Management Facility (Landfill Boundary)
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Local Authority Recorded Landfill Site
Potentially Infilled Land (Non-water)
Potentially Infilled Land (Non-water)
Potentially Infilled Land (Non-water)
Potentially Infilled Land (Water)
Potentially Infilled Land (Water)
Potentially Infilled Land (Water)
Registered Landfill Site
Registered Landfill Site (Location)
Registered Landfill Site (Point Buffered to 100m)
Registered Landfill Site (Point Buffered to 250m)
Registered Waste Transfer Site (Location)
Registered Waste Transfer Site
Registered Waste Treatment or Disposal Site (Location)
Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice D



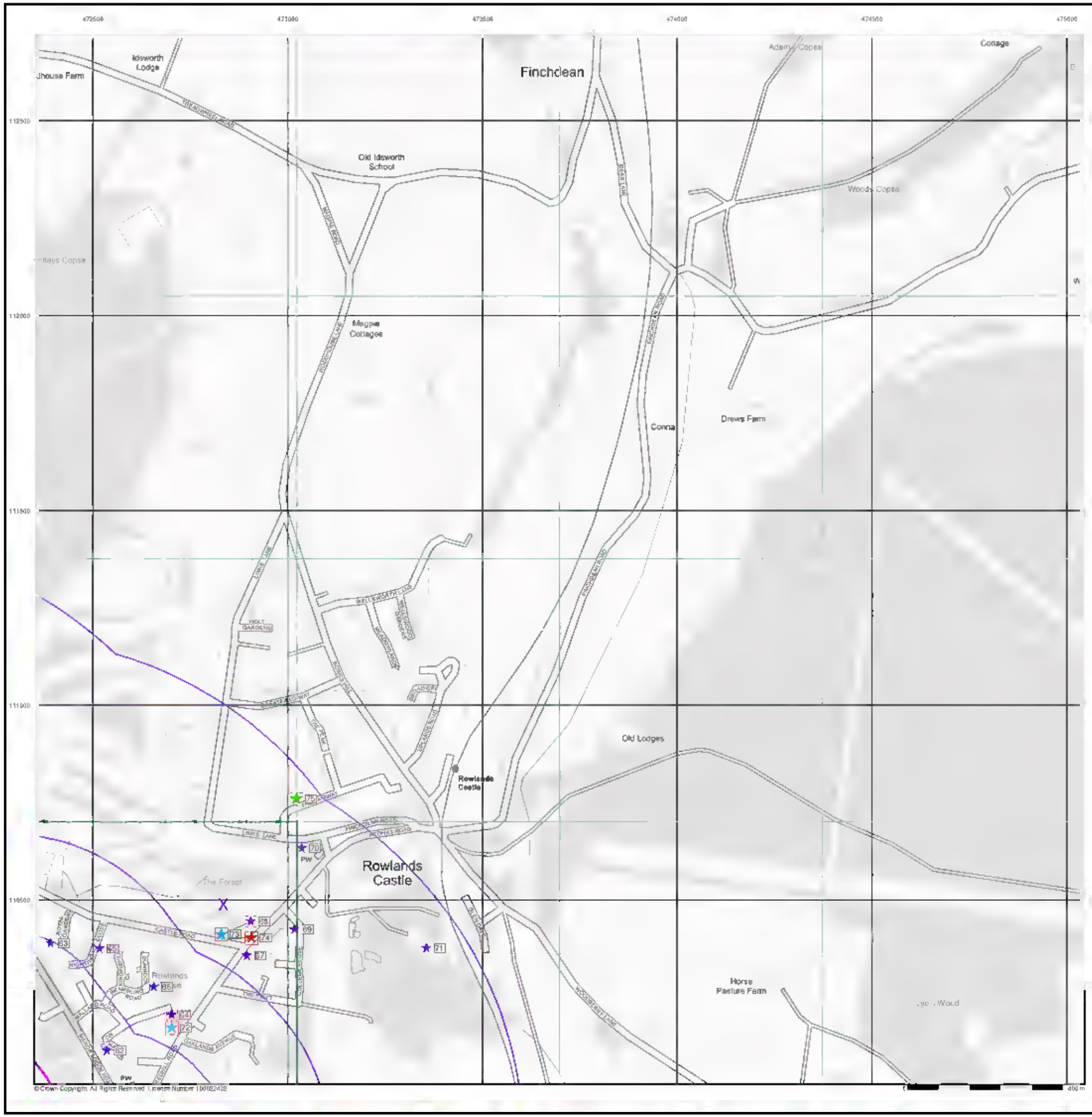
Order Details

Order Number: 202069335_1_1
Customer Ref: 5169117
National Grid Reference: 472830, 110490
Slice: D
Site Area (Ha): 172.43
Search Buffer (m): 1000

Site Details

Site at 472000, 110000

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Industrial Land Use Map

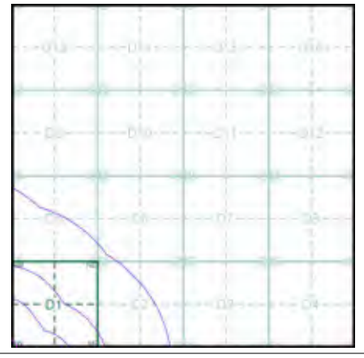
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice D



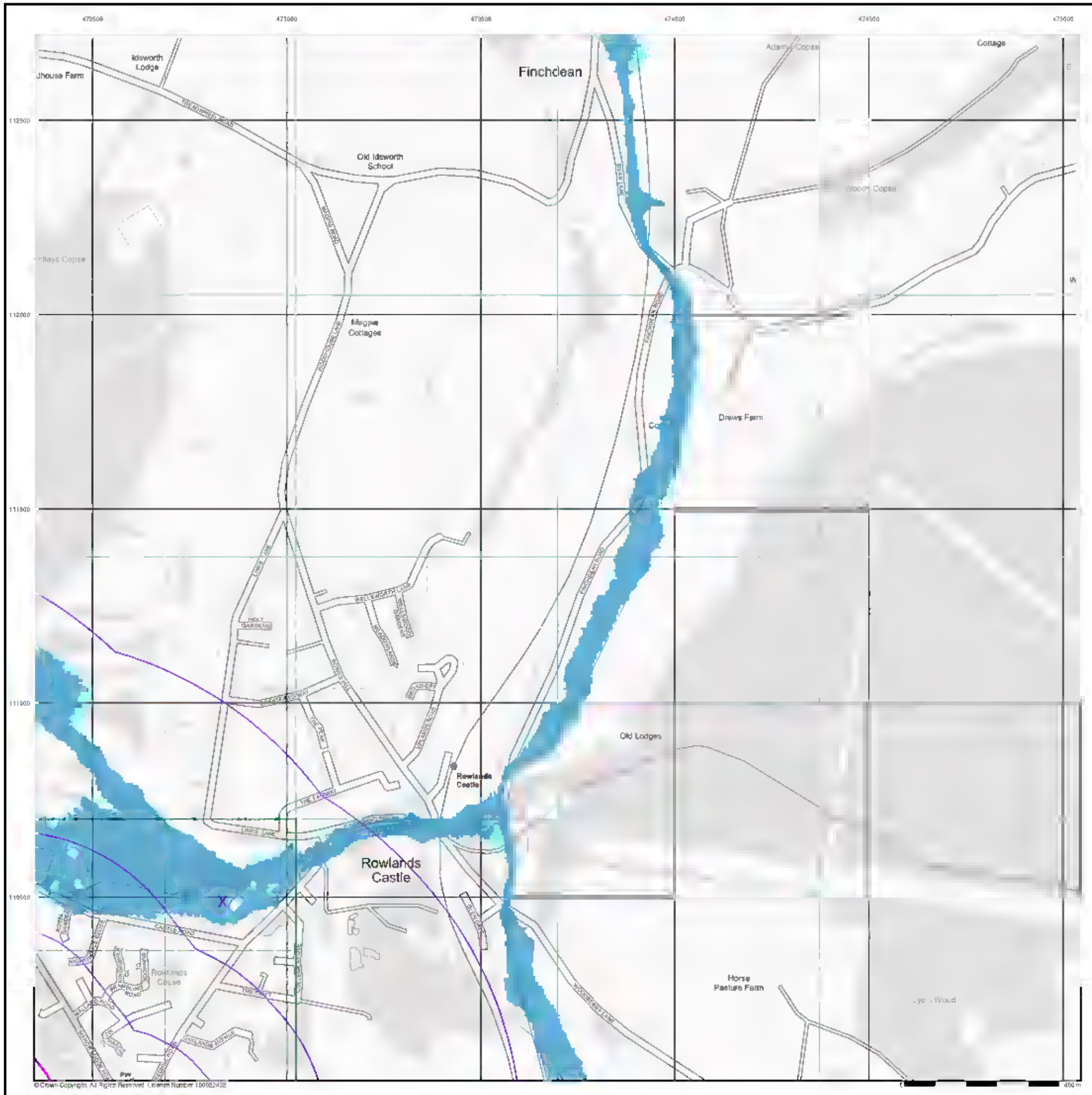
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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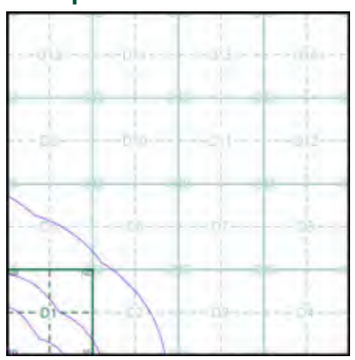
General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice D



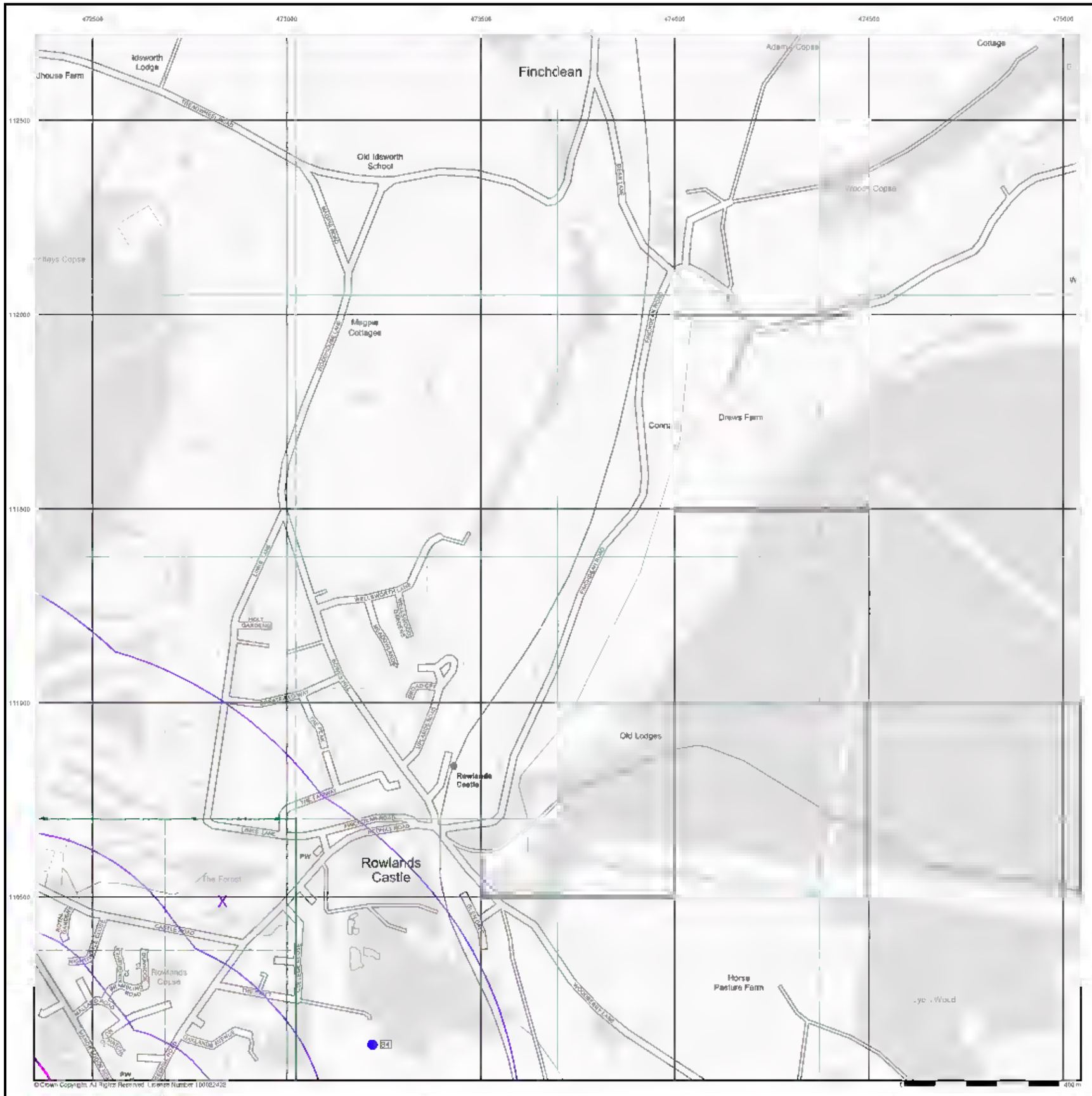
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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ATKINS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

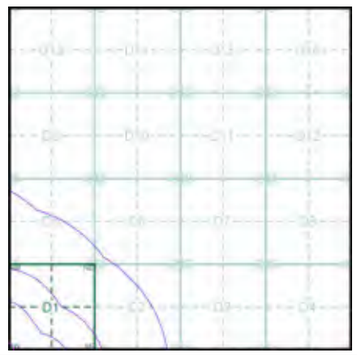
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice D



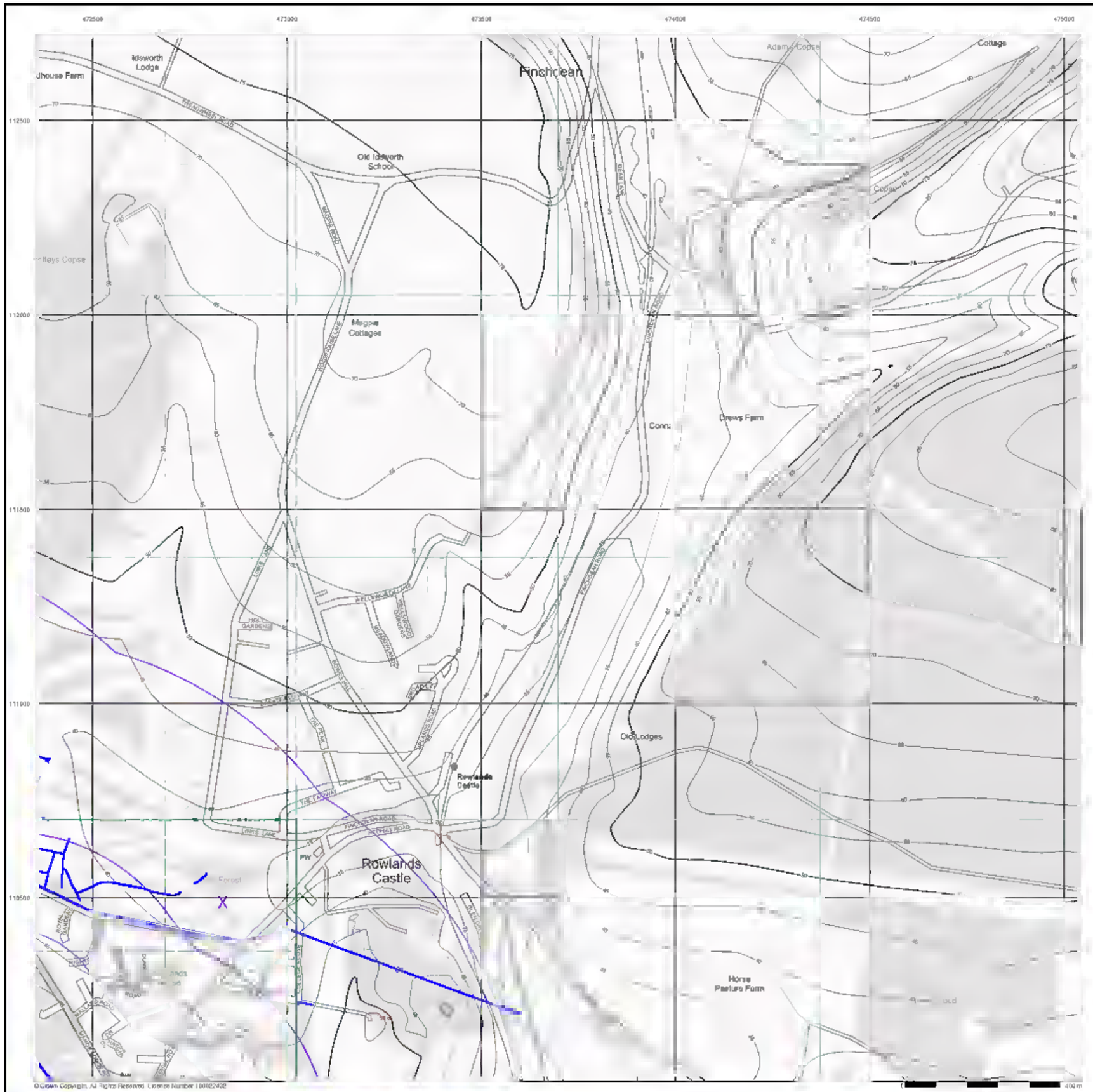
Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

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ATKINS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

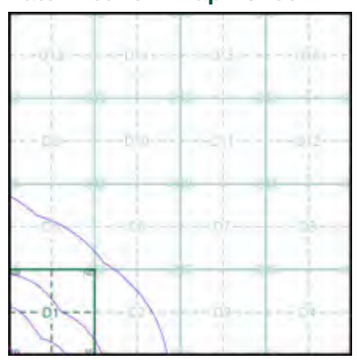
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice D



Order Details

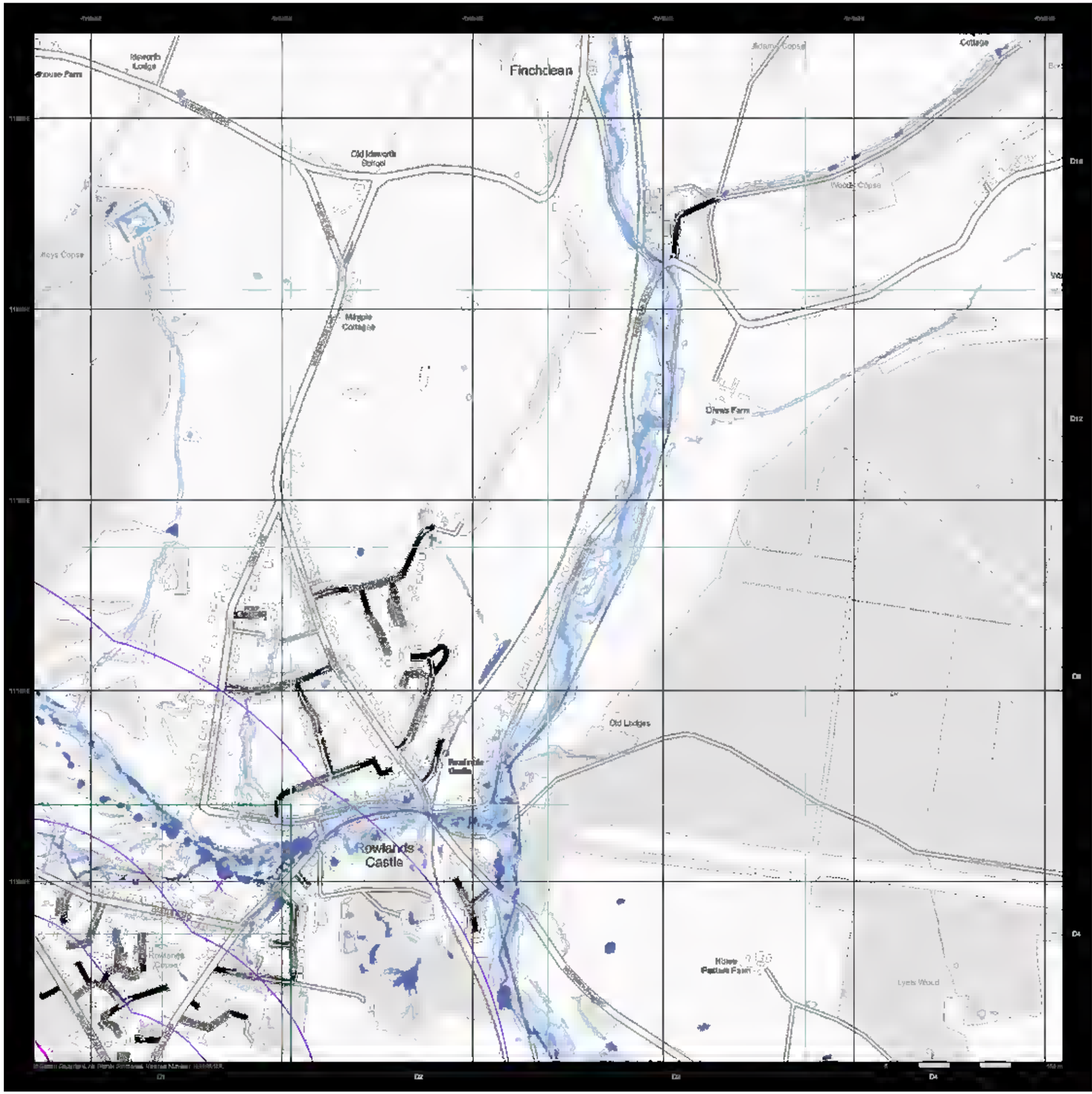
Order Number:	202069335_1_1
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Site Area (Ha):	172.43
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ATKINS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Risk of Flooding from Surface Water

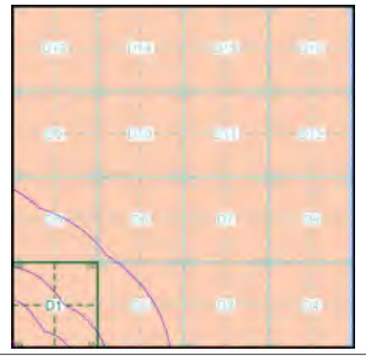
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice D



Order Details

Order Number:	202069335_1_1
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Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

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ATKINS

General

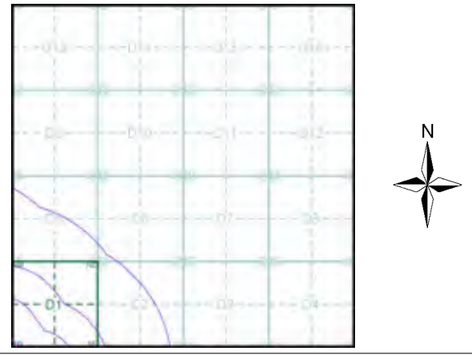
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice D



Order Details

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ATKINS

General

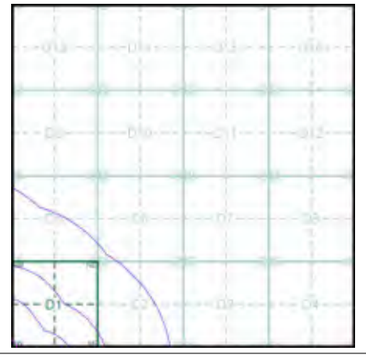
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice D



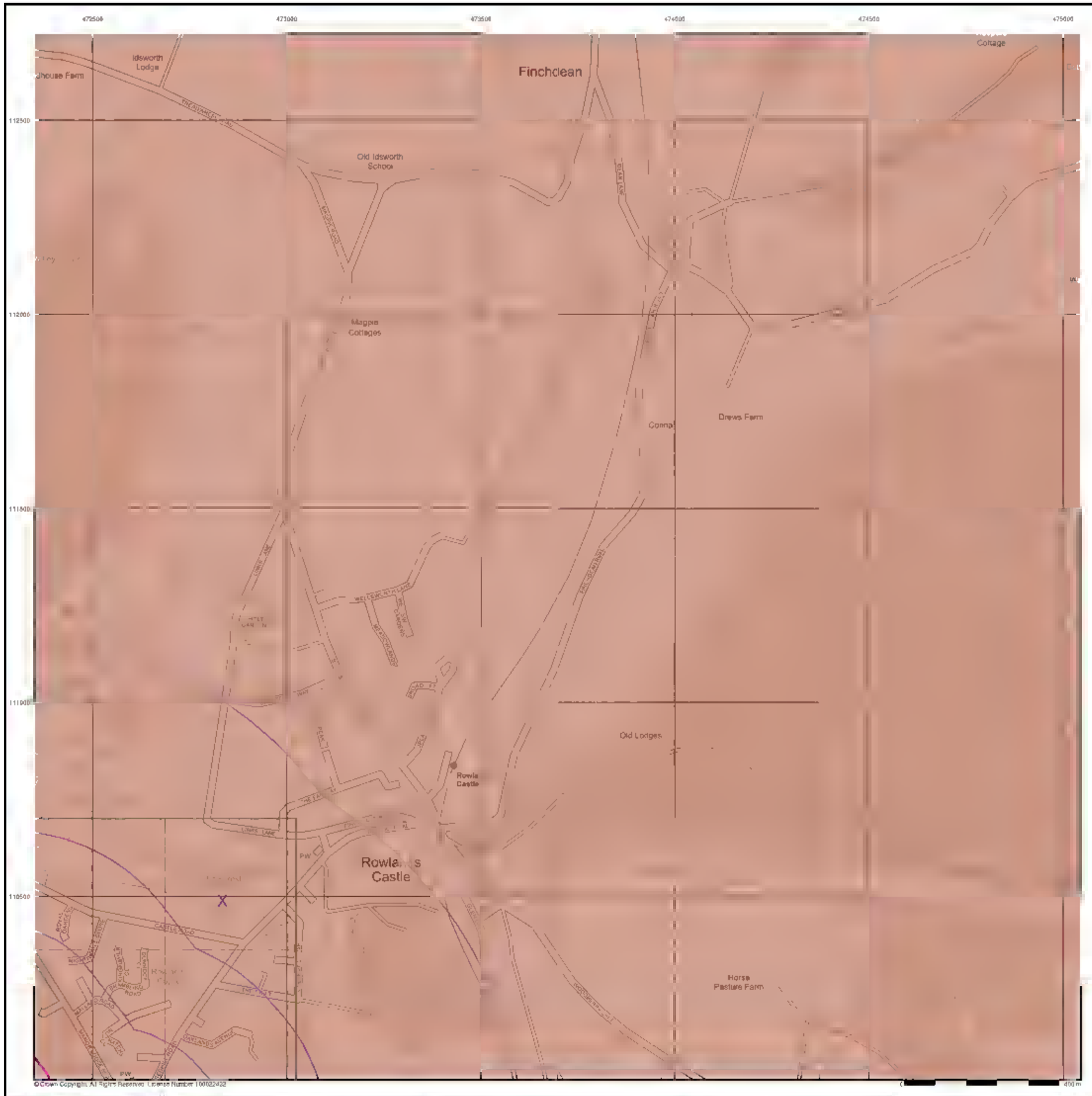
Order Details

Order Details:	202069335_1_1
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Slice:	D
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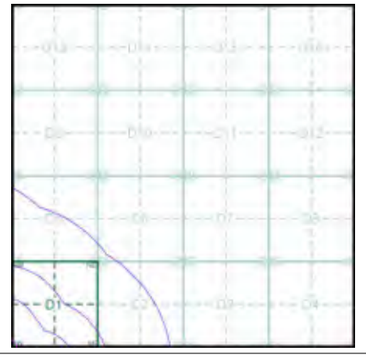
Specified Site | Specified Buffer(s) | Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice D



Order Details

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ATKINS

General

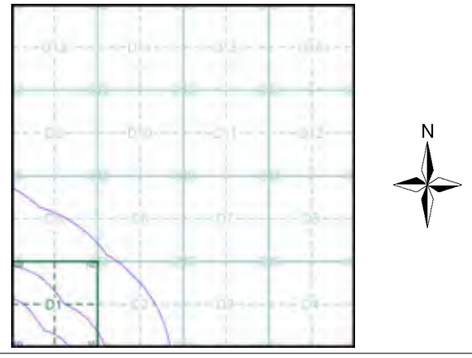
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice D



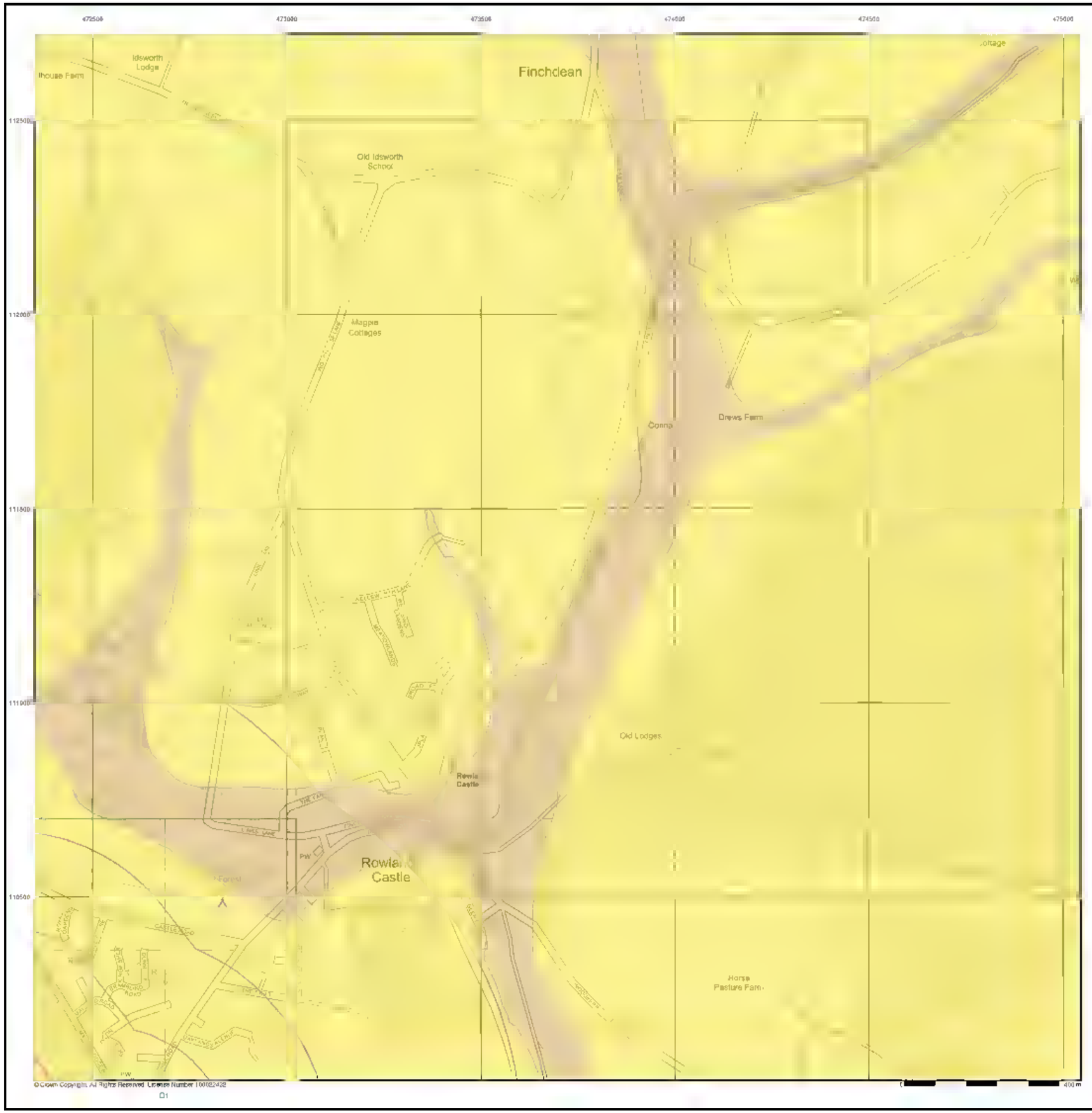
Order Details

Order Details:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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General

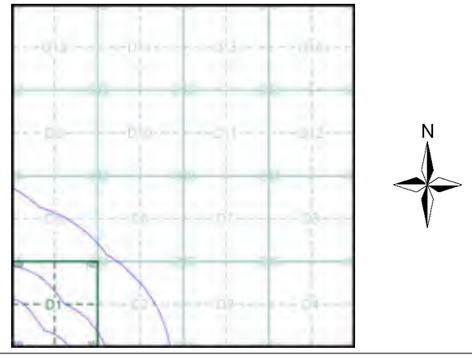
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice D



Order Details

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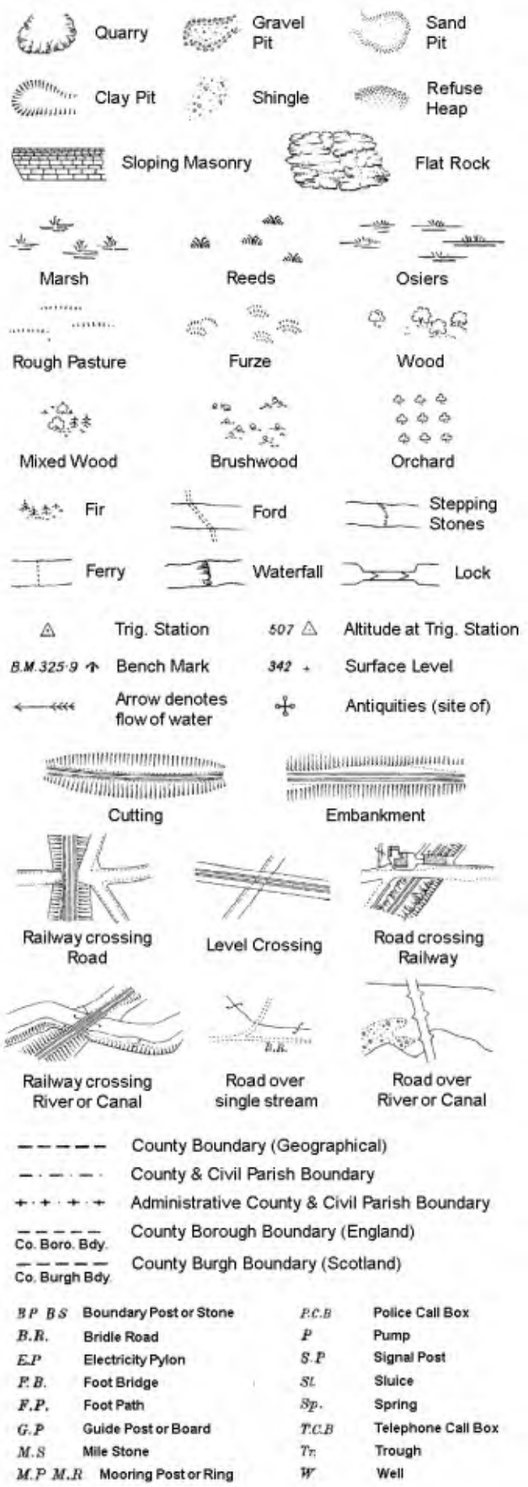
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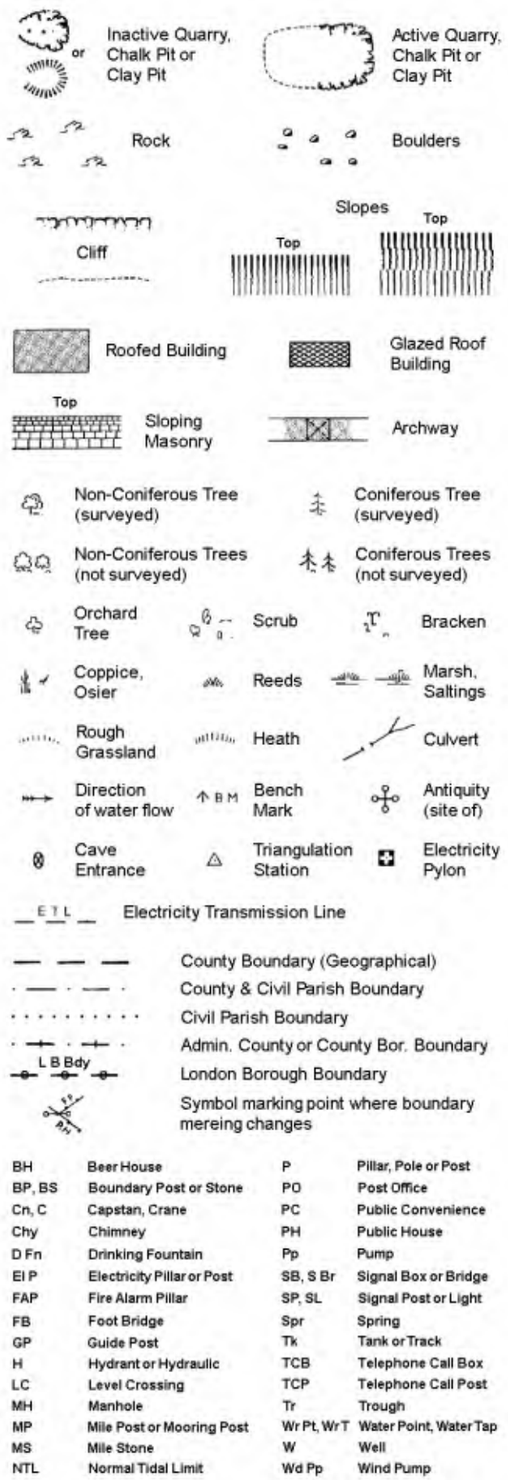
Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



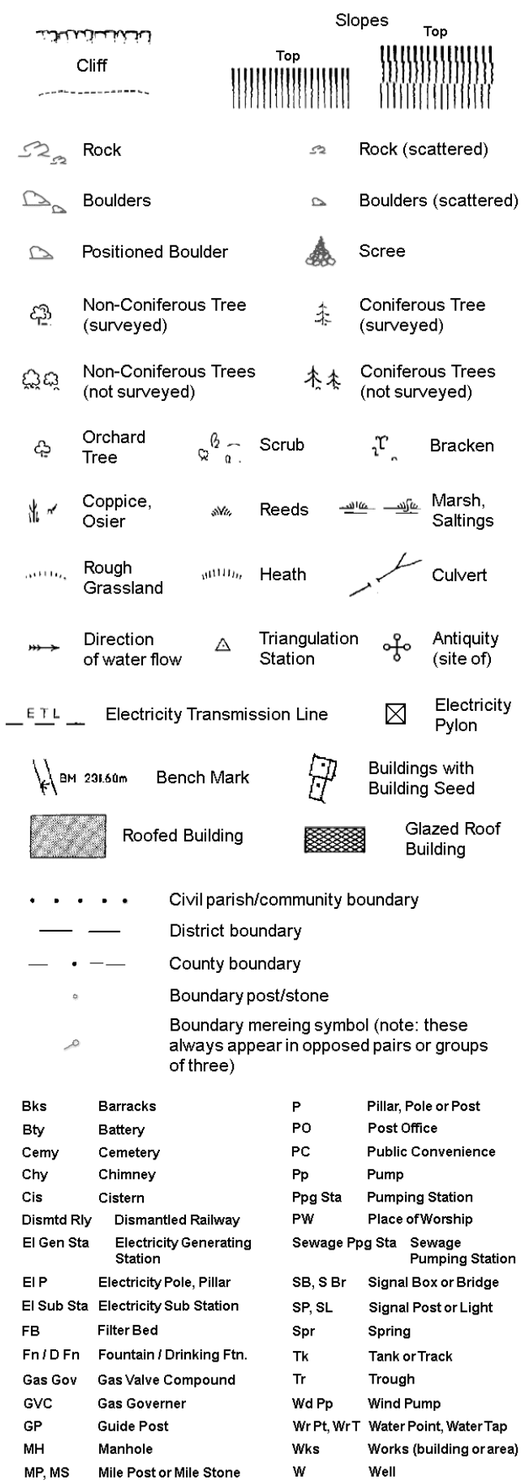
B.P B.S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250



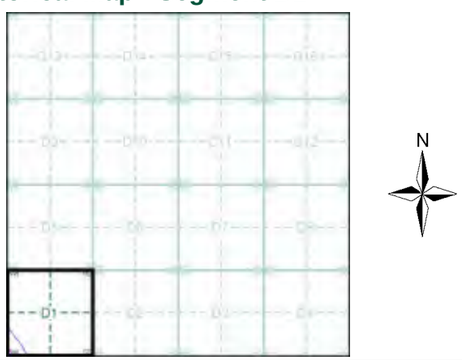
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:2,500	1878	2
Hampshire & Isle Of Wight	1:2,500	1897	3
Hampshire & Isle Of Wight	1:2,500	1909	4
Hampshire & Isle Of Wight	1:2,500	1932	5
Ordnance Survey Plan	1:2,500	1970	6
Supply of Unpublished Survey Information	1:2,500	1973	7
Additional SIMs	1:2,500	1979 - 1984	8
Additional SIMs	1:2,500	1989	9
Additional SIMs	1:2,500	1991	10
Large-Scale National Grid Data	1:2,500	1993	11
Historical Aerial Photography	1:2,500	1999	12

Historical Map - Segment D1



Order Details

Order Number: 202069335_1_1
Customer Ref: 5169117
National Grid Reference: 472830, 110490
Slice: D
Site Area (Ha): 172.43
Search Buffer (m): 100

Site Details

Site at 472000, 110000

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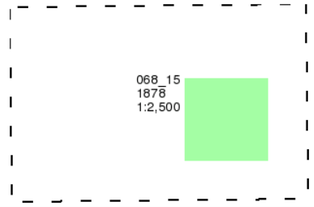
Hampshire & Isle Of Wight

Published 1878

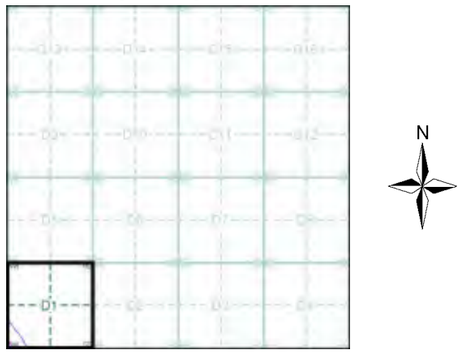
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment D1



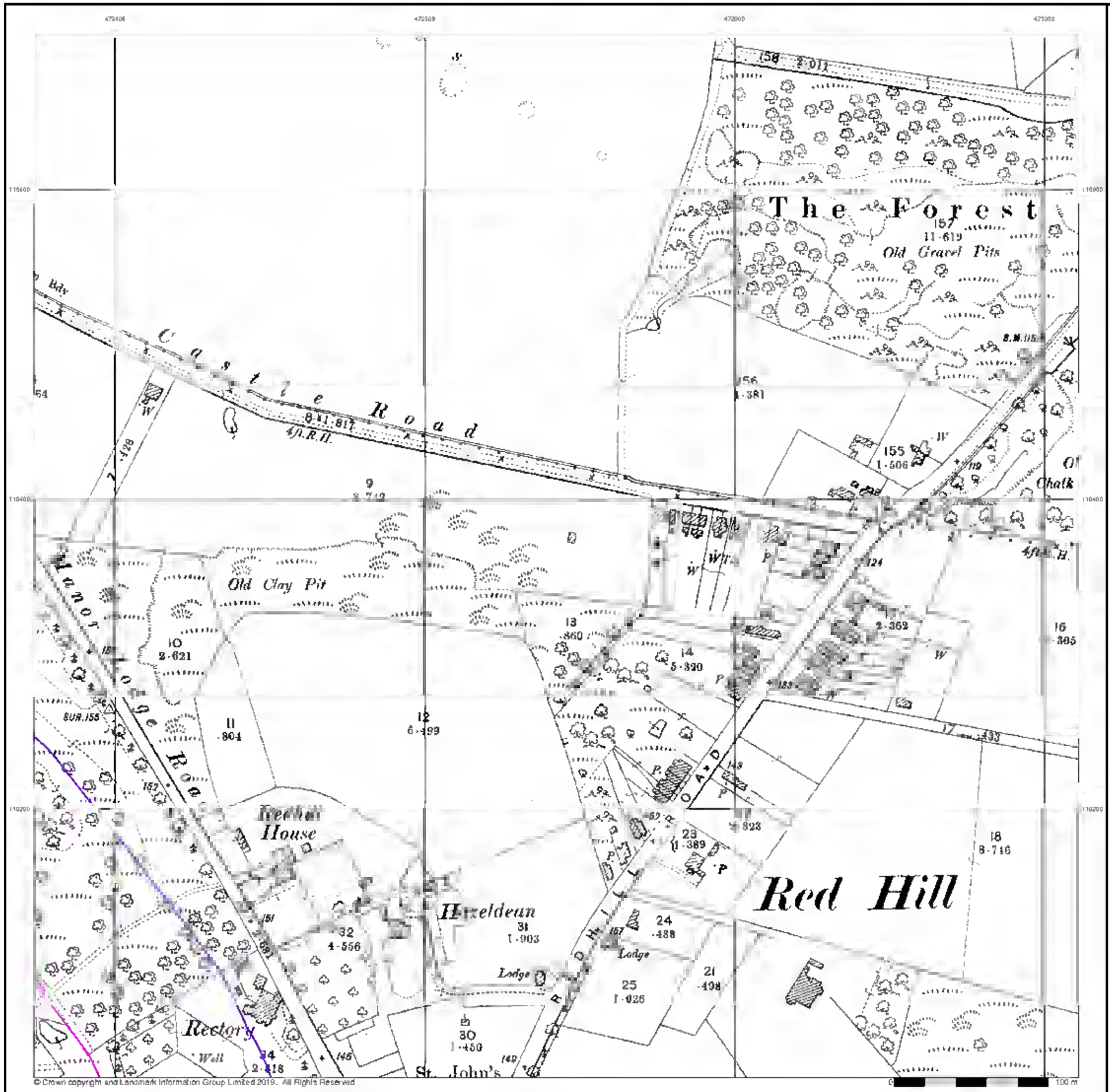
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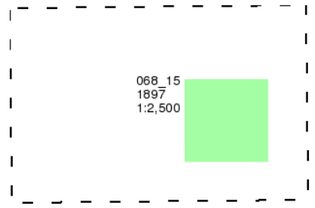
Hampshire & Isle Of Wight

Published 1897

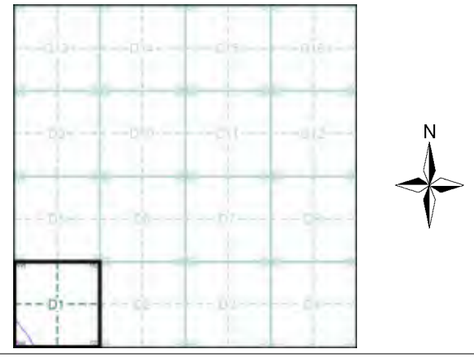
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment D1



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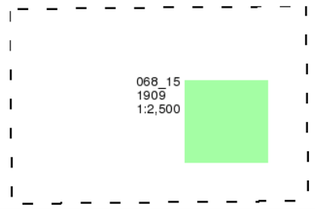
Hampshire & Isle Of Wight

Published 1909

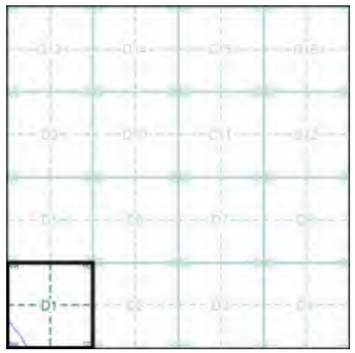
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment D1

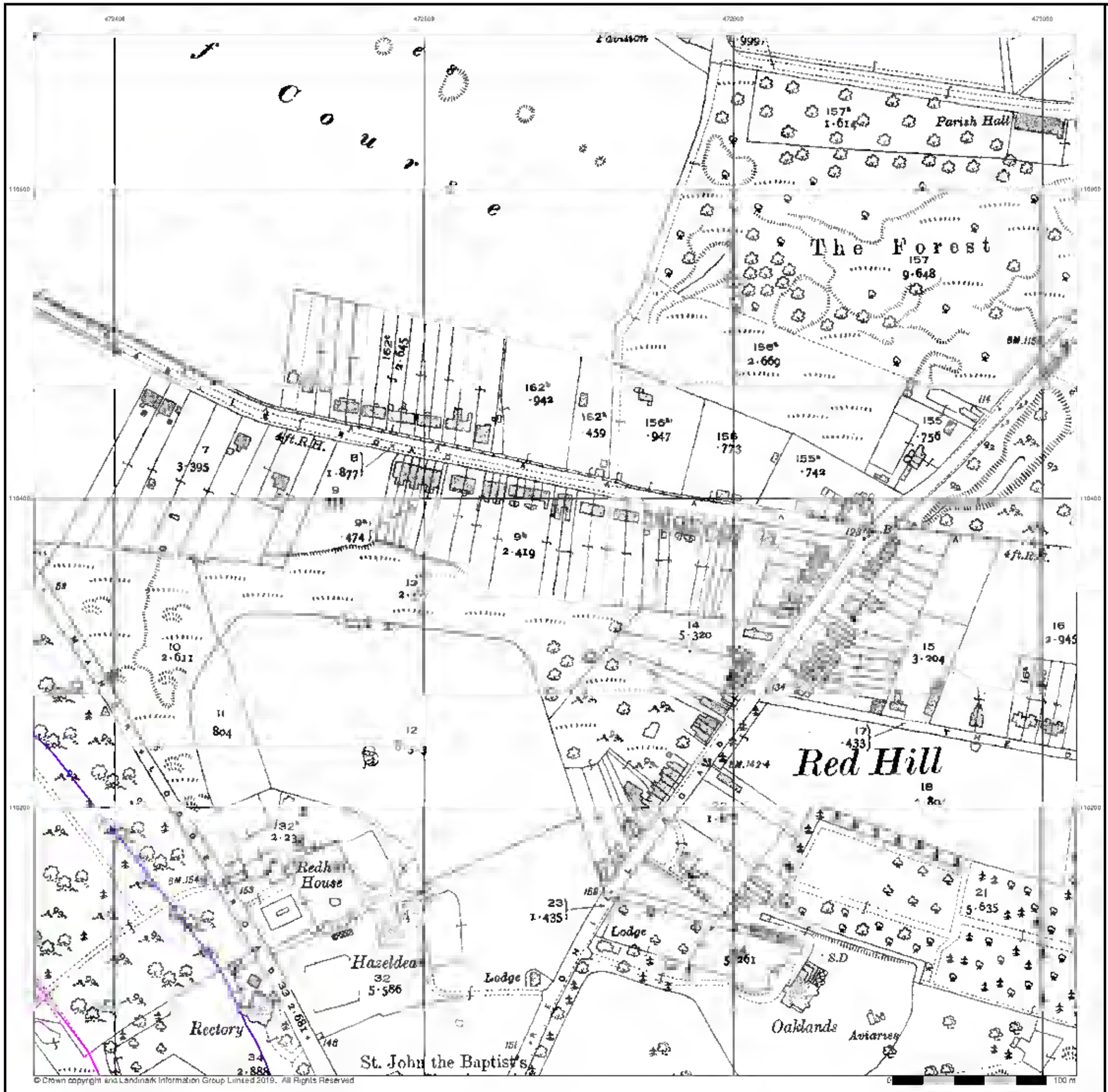


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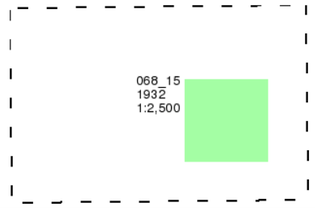
Hampshire & Isle Of Wight

Published 1932

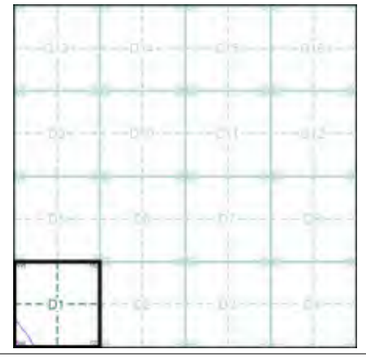
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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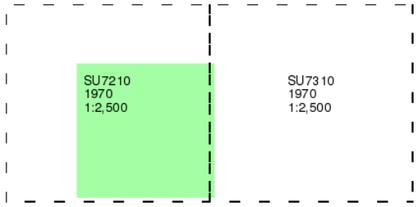
Ordnance Survey Plan

Published 1970

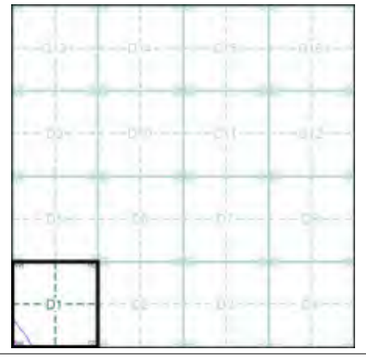
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment D1



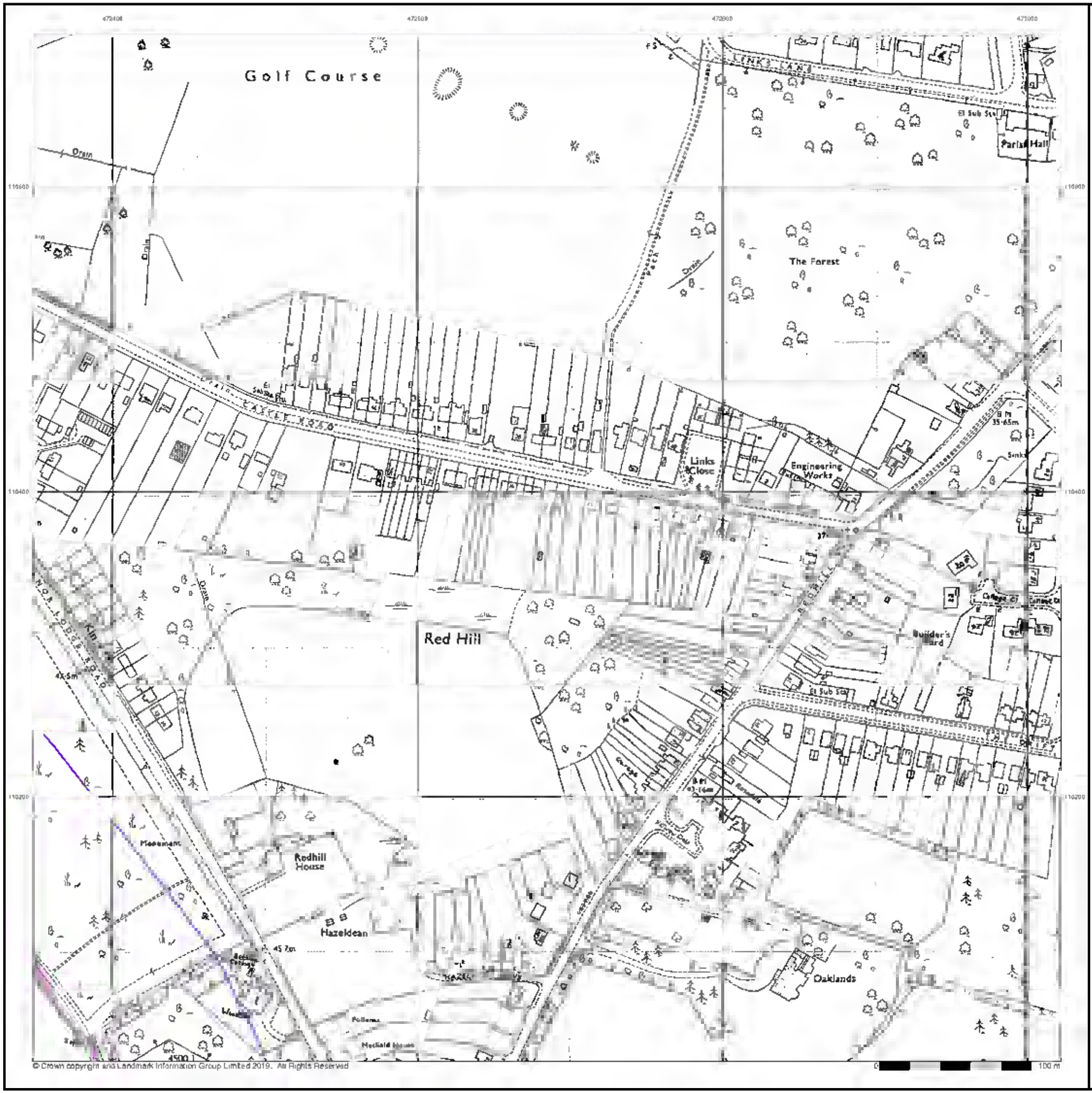
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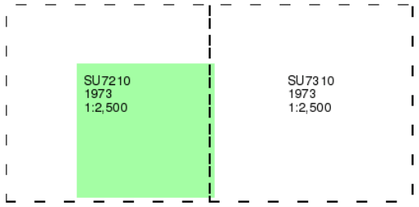
Supply of Unpublished Survey Information

Published 1973

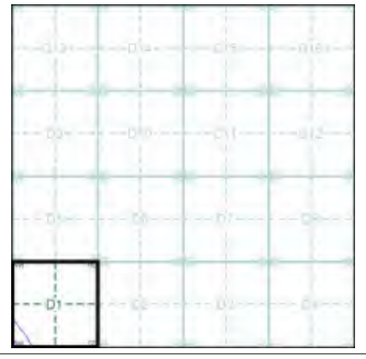
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment D1



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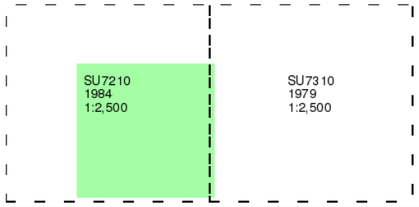
Additional SIMs

Published 1979 - 1984

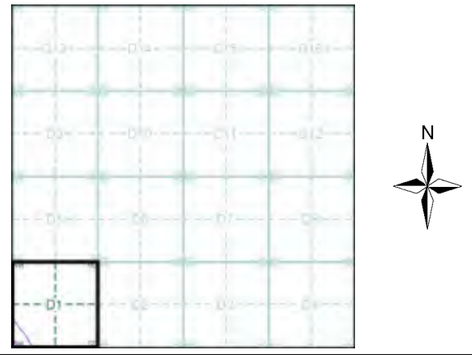
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment D1



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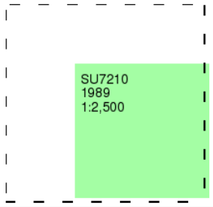
Additional SIMs

Published 1989

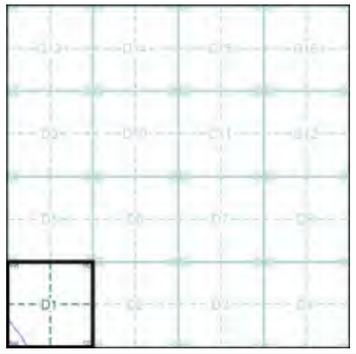
Source map scale - 1:2,500

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Map Name(s) and Date(s)



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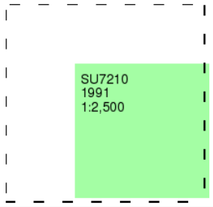
Additional SIMs

Published 1991

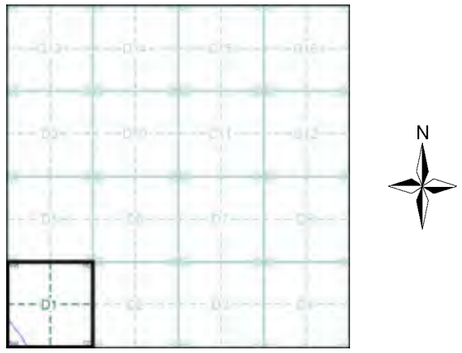
Source map scale - 1:2,500

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Map Name(s) and Date(s)



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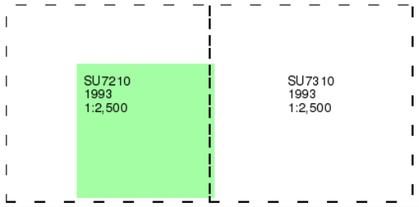
Large-Scale National Grid Data

Published 1993

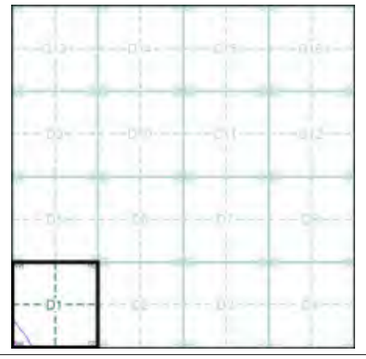
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



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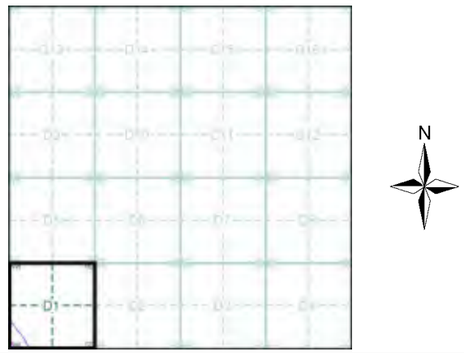
ATKINS

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment D1



Order Details

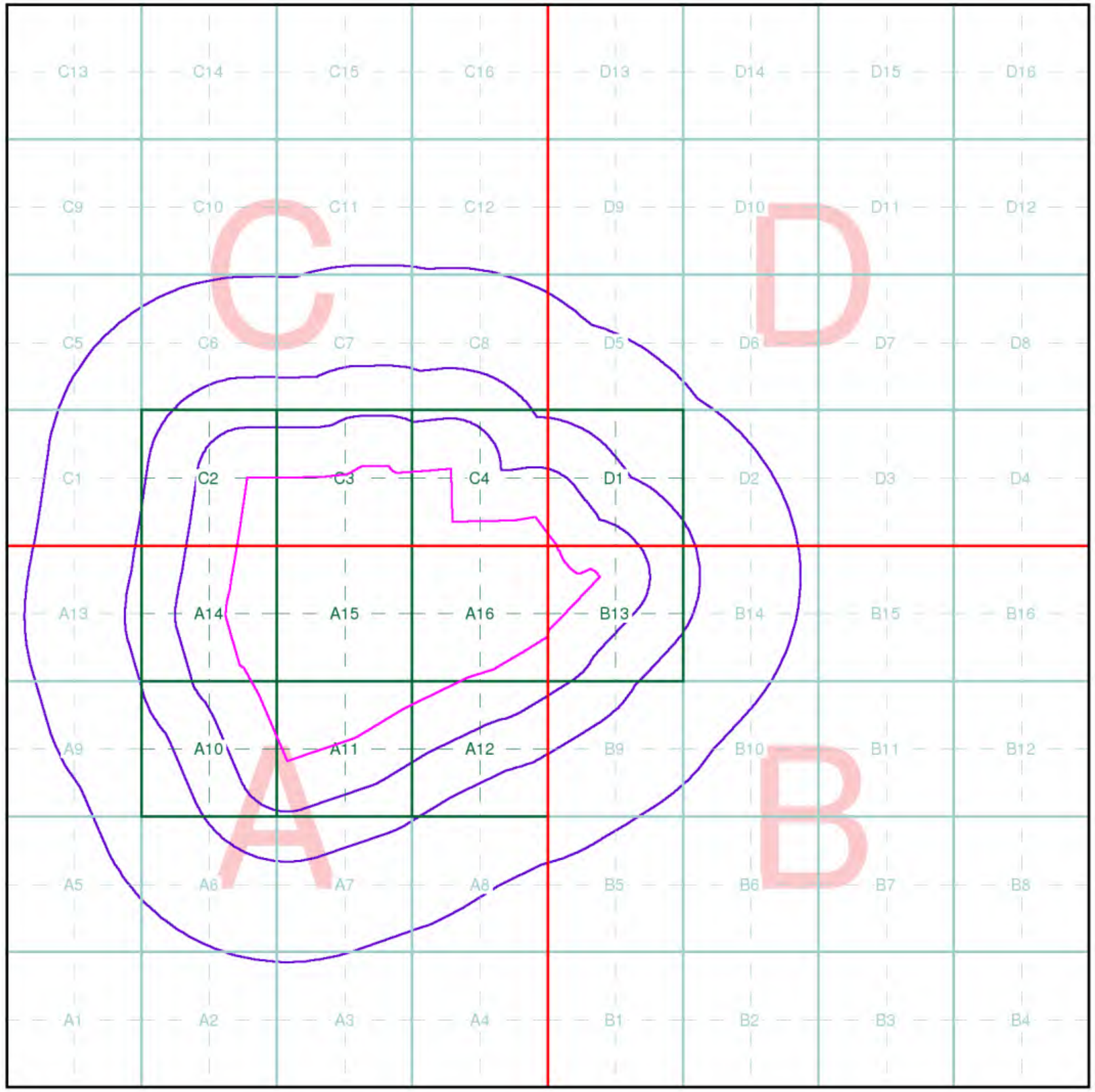
Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	472830, 110490
Slice:	D
Site Area (Ha):	172.43
Search Buffer (m):	100

Site Details

Site at 472000, 110000

Landmark INFORMATION GROUP

Tel: 0844 844 9952
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Web: www.envirocheck.co.uk



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Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr O Pengilly, Atkins Ltd, Woodcote Grove, Ashley Road, Epsom, Surrey, KT18 5BW

Order Details

Order Number:	202069335_1_1
Customer Ref:	5169117
National Grid Reference:	471510, 109770
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details

Site at 472000, 110000

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http://www.landmarkinfo.co.uk/Terms/Show/515

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