

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: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: 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: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: 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: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: 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: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: 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: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: 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: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: 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: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: 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

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	 NATURAL ENVIRONMENT RESEARCH COUNCIL
British Geological Survey	 NATURAL ENVIRONMENT RESEARCH COUNCIL
GeoSmart Information	
JBA Risk Management	

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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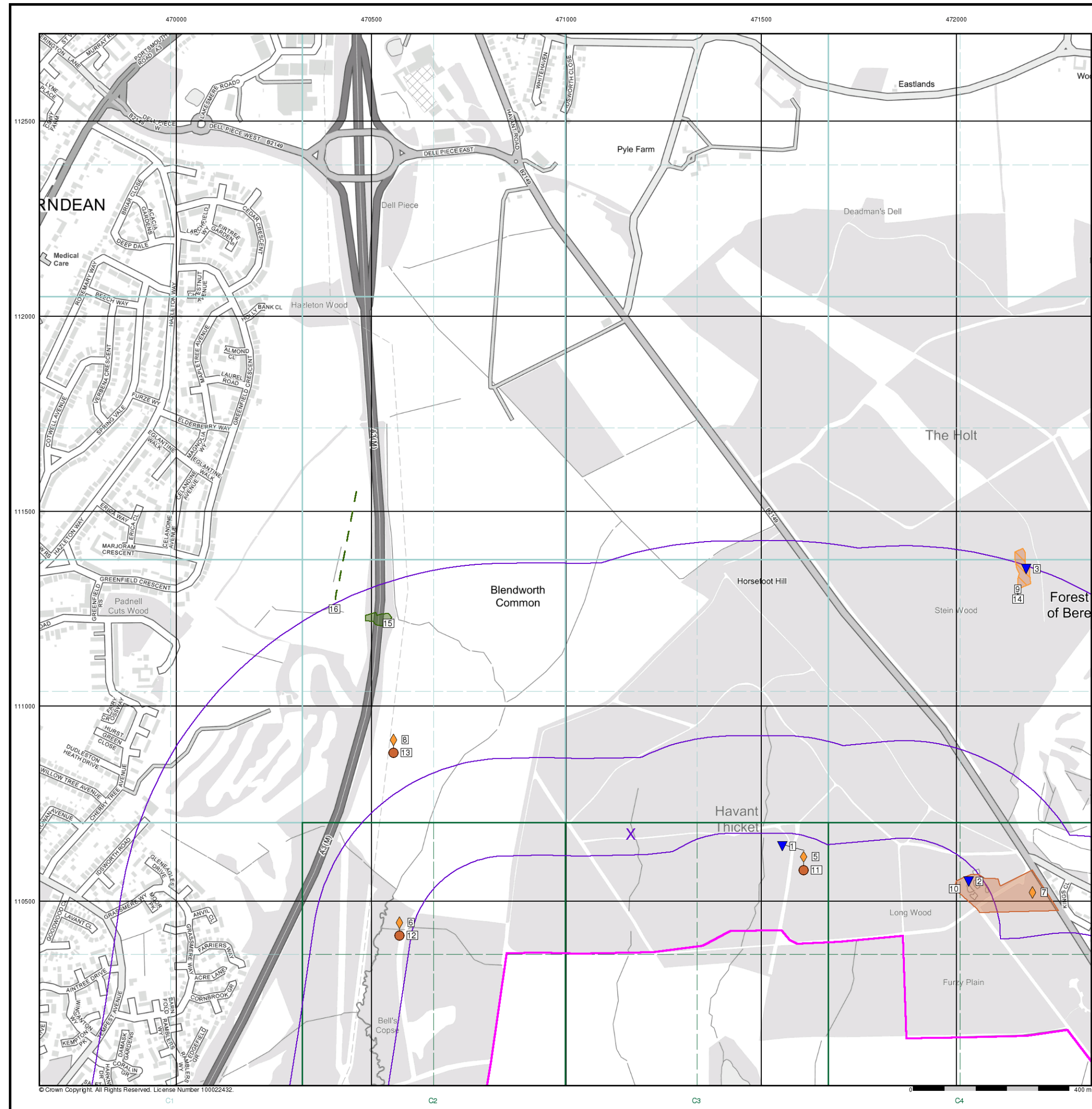
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Historical Land Use Information (1:10,000)

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			

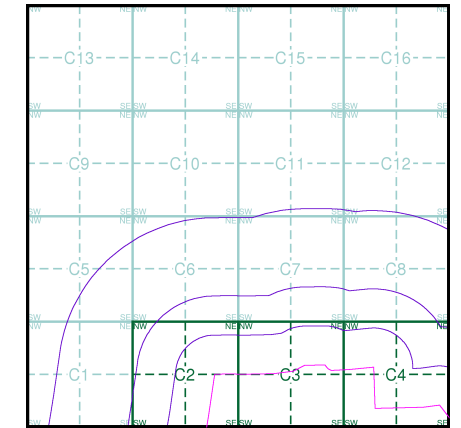
Historical Land Use

	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 C



Order Details

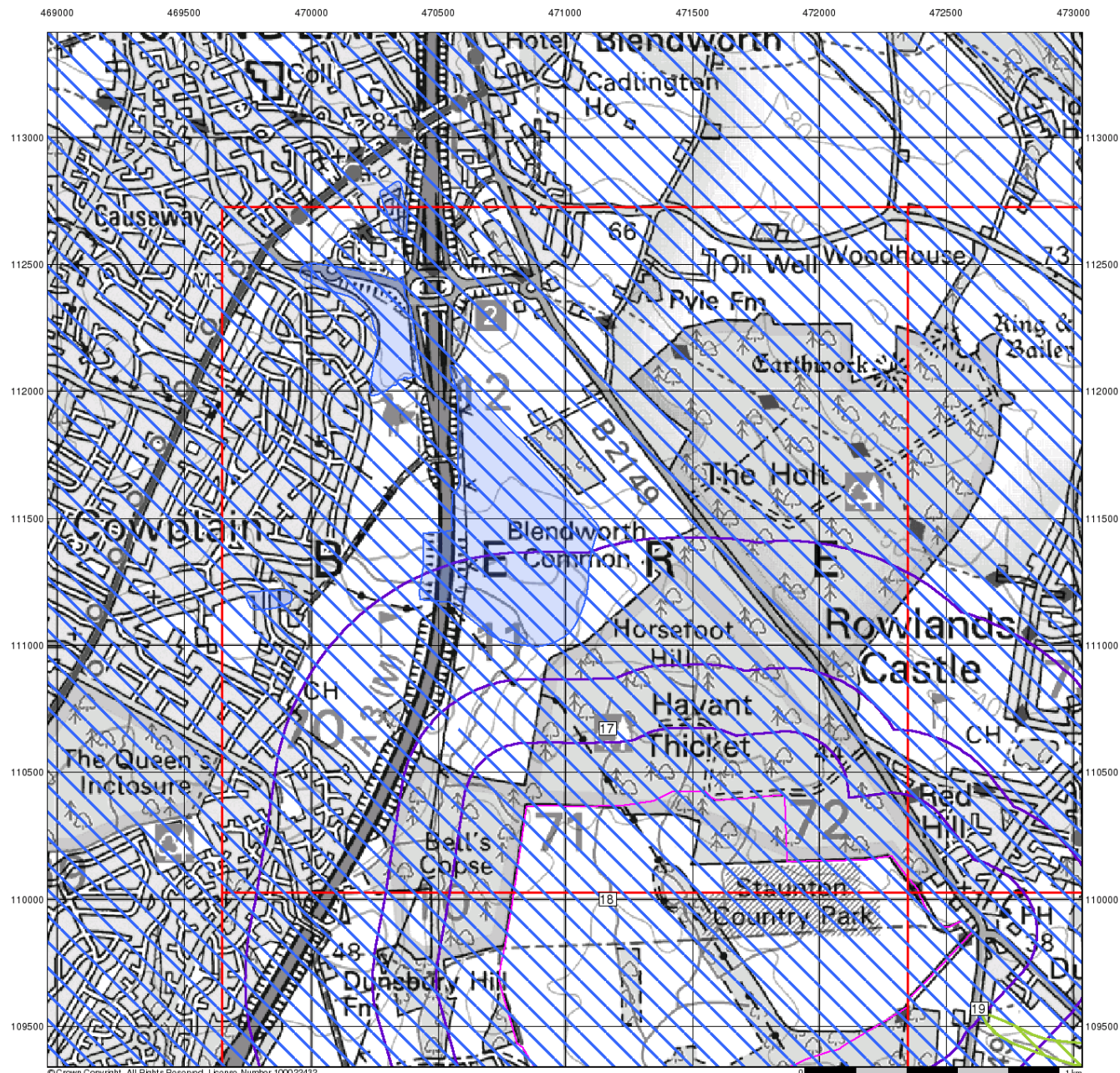
Order Number: 202069335_1_1
Customer Ref: 5169117
National Grid Reference: 471170, 110670
Slice: C
Site Area (Ha): 172.43
Search Buffer (m): 1000

Site Details

Site at 472000, 110000



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



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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
- Moderate
- Low
- Very Low

Potential for Collapsible Ground Stability Hazards

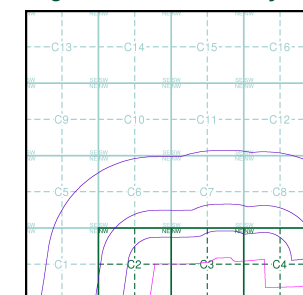
- High
- Moderate
- Low
- Very Low

Brine Pumping and Salt Mining

- Brine Pumping Related Feature
- Salt Mining Related Feature

- Point
- Polygon

Mining and Ground Stability - Slice C



Order Details

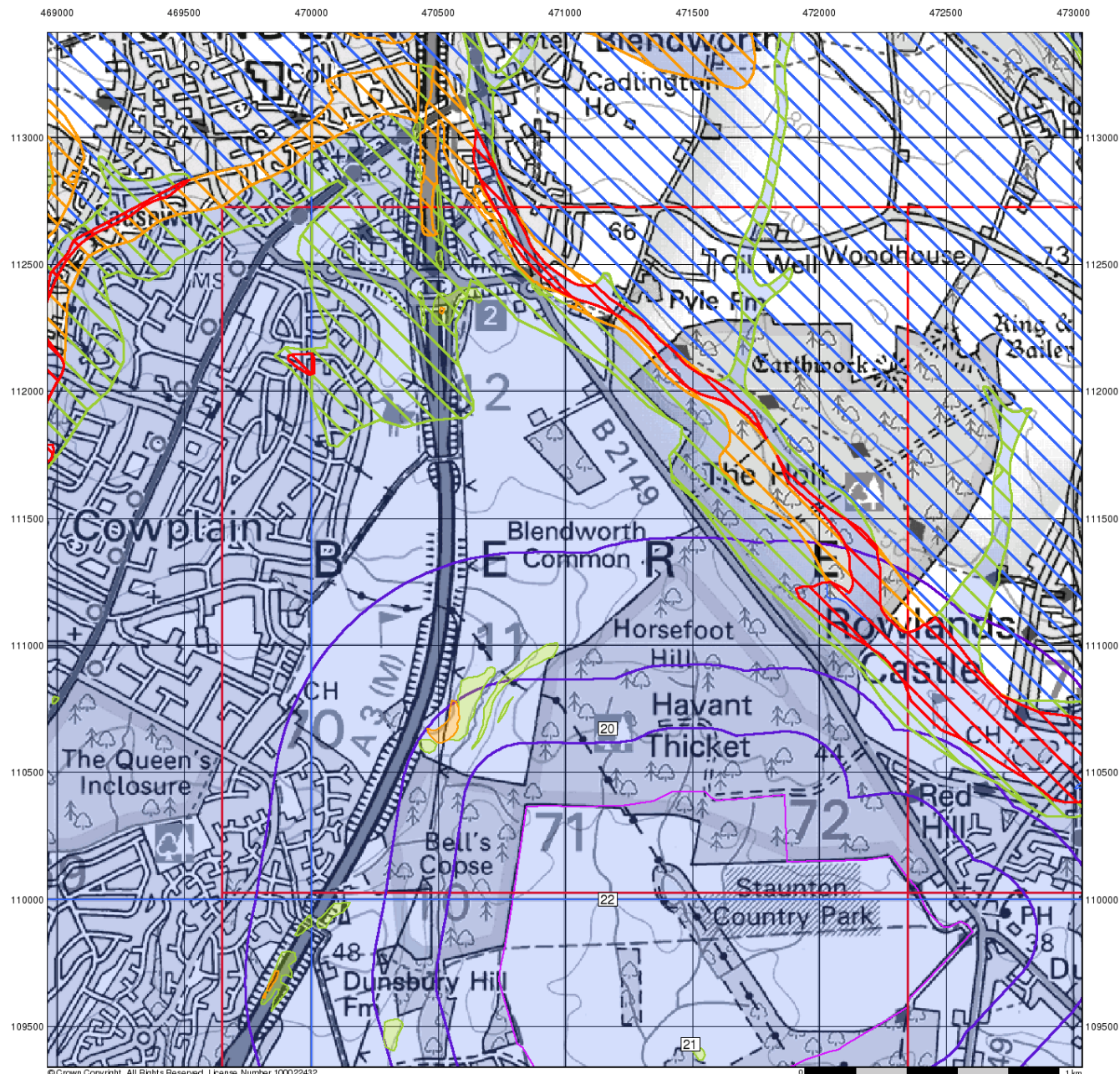
Order Number: 202069335_1_1
 Customer Ref: 5169117
 National Grid Reference: 471170, 110670
 Slice: C
 Site Area (Ha): 172.43
 Search Buffer (m): 1000

Site Details

Site at 472000, 110000

Landmark
 INFORMATION GROUP

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



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ATKINS

Ground Stability Data (1:50,000)

General

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

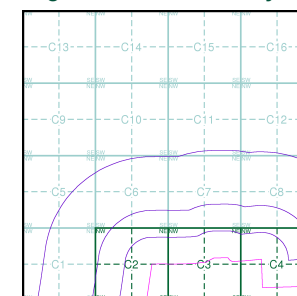
Potential for Landslide Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Ground Dissolution Stability Hazards

- High
- Moderate
- Low
- Very Low

Mining and Ground Stability - Slice C



Order Details

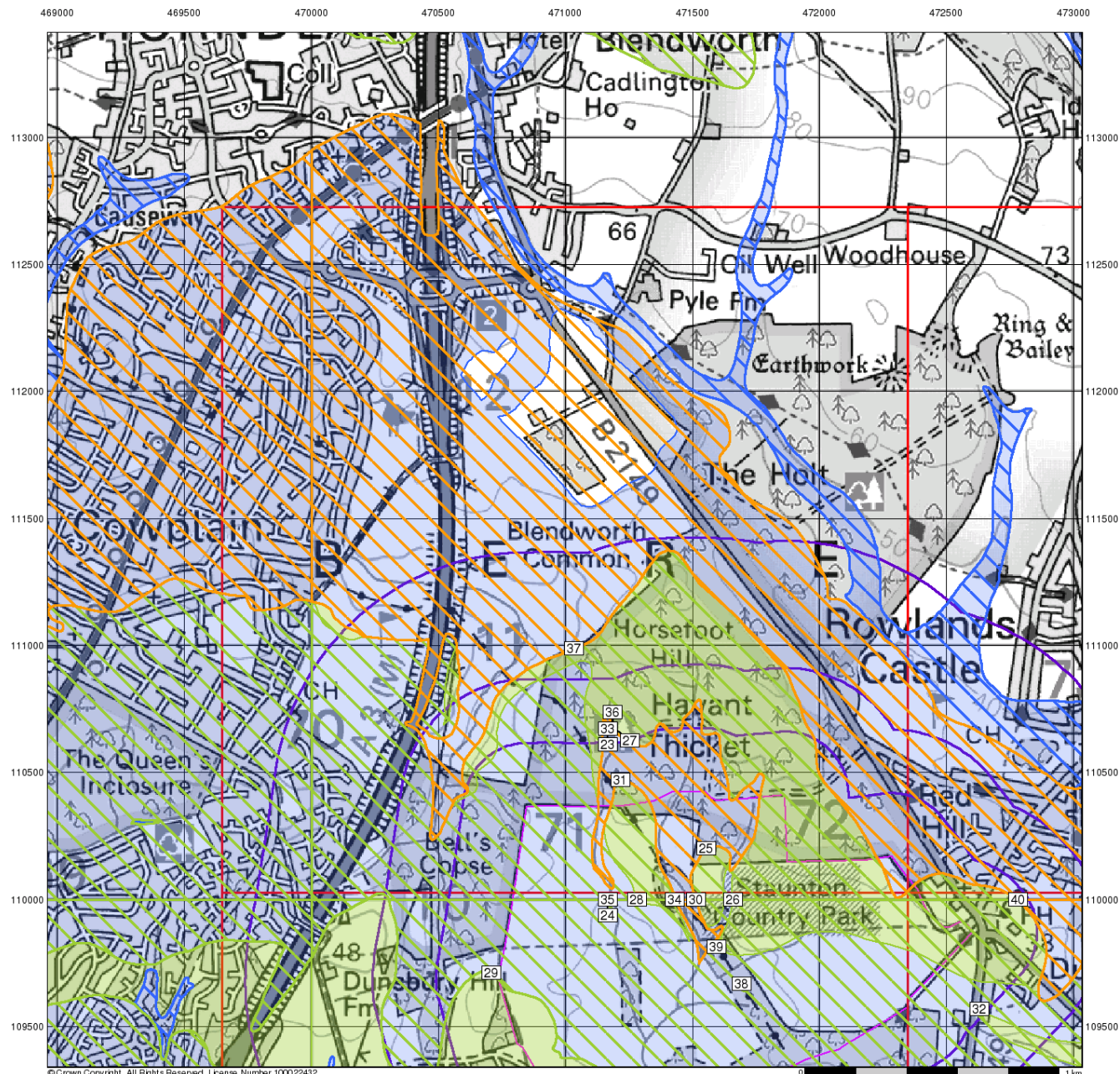
Order Number: 202069335_1_1
 Customer Ref: 5169117
 National Grid Reference: 471170, 110670
 Slice: C
 Site Area (Ha): 172.43
 Search Buffer (m): 1000

Site Details

Site at 472000, 110000

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ATKINS

Ground Stability Data (1:50,000)

General

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

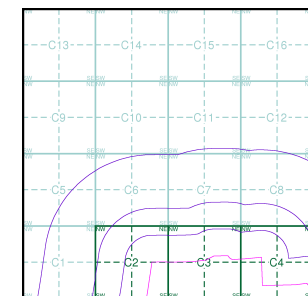
Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice 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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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

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

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

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 Head Detail:	C8NE (NE)	737	2	472150 111090
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	C8NE (NE)	748	2	472130 111110
	Natural Cavities Cavity Type: Unknown x 3 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	C8NW (NE)	816	2	471970 111220
	Natural Cavities Cavity Type: Unknown x 6 Solid Geology Detail: Chalk Group Superficial Geology Head Detail:	C8NE (NE)	852	2	472016 111360
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	C7NW (N)	867	2	471160 111250
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	C7NW (N)	902	2	471260 111310
	Natural Cavities Cavity Type: Unknown x 2 Solid Geology Detail: Chalk Group Superficial Geology Head Detail:	C8NE (NE)	951	2	472200 111300
	Natural Cavities Cavity Type: Sinkhole x 2 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology No Details Detail:	C11SE (N)	977	2	471400 111400
	Natural Cavities Cavity Type: Unknown x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Head, Made Ground Detail:	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

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 1970 Date: Last Map Published N/A Date:	C2SE (SW)	3	-	470840 110352

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

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

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

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	 The Coal Authority
Ove Arup	
Peter Brett Associates	
Wardell Armstrong	 wardell armstrong your earth our world
Johnson Poole & Bloomer	

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

Historical Land Use Information (1:2,500)

General

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

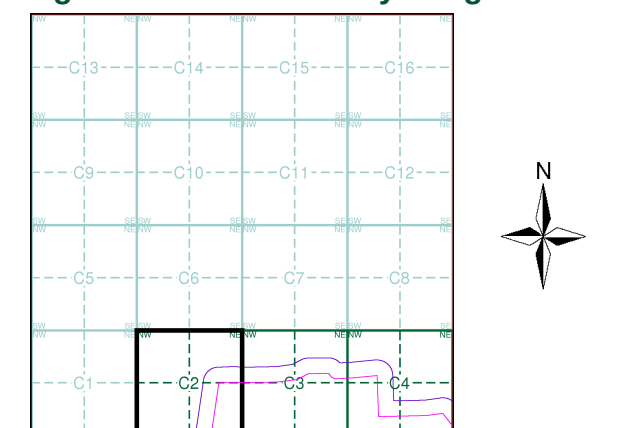
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	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 C2

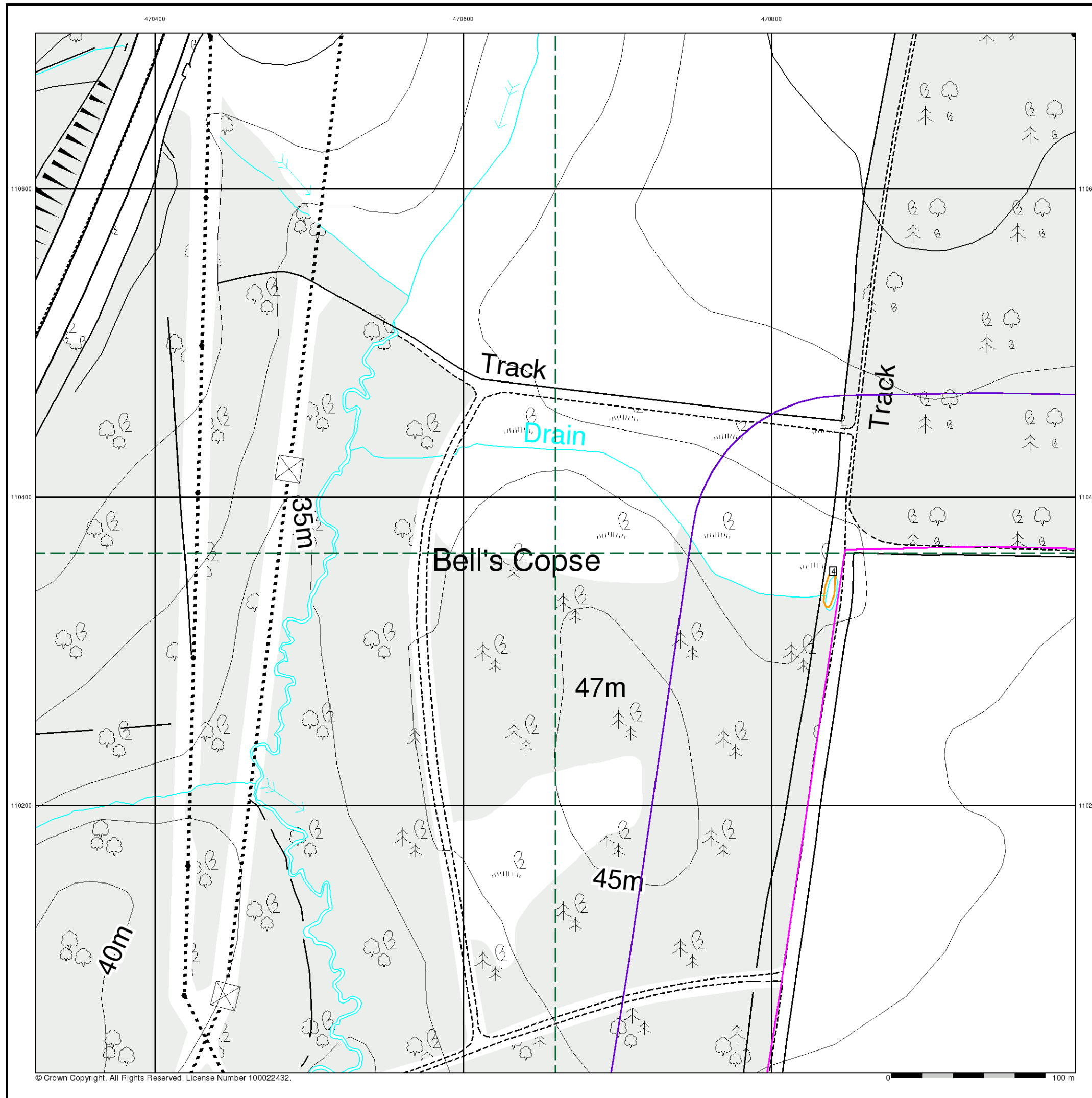


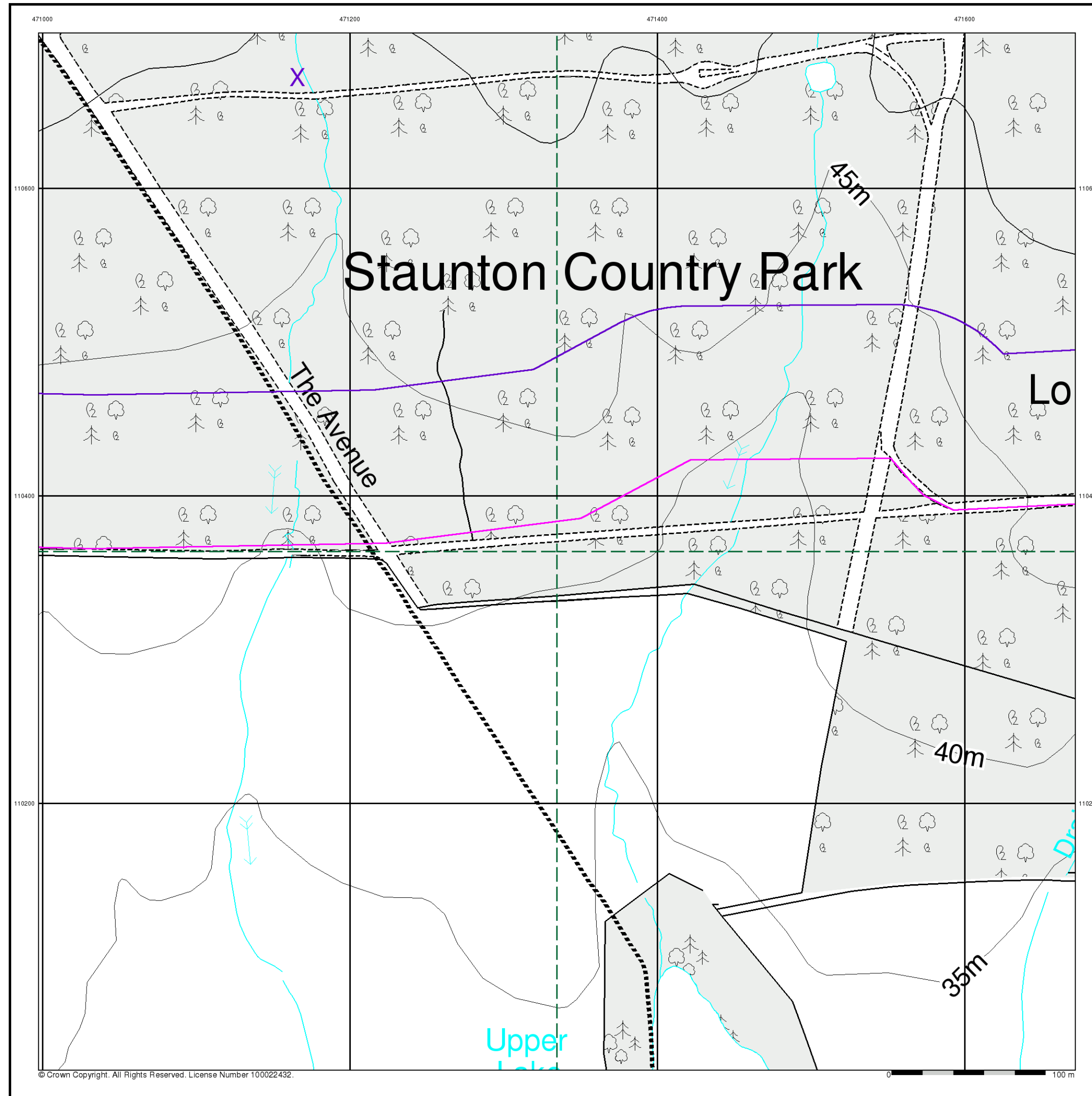
Order Details

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





Historical Land Use Information (1:2,500)

General

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

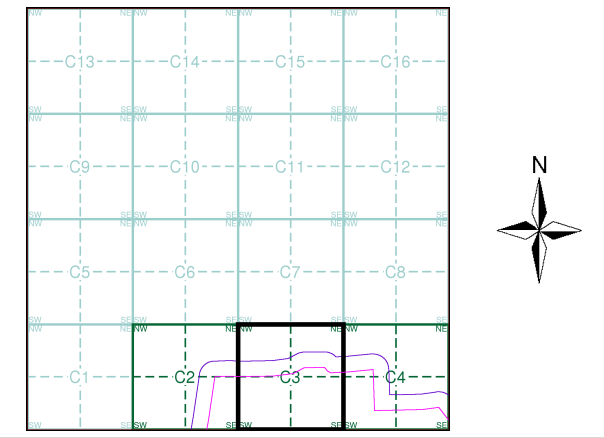
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

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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

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INFORMATION GROUP

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Web: www.envirocheck.co.uk



Historical Land Use Information (1:2,500)

General

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

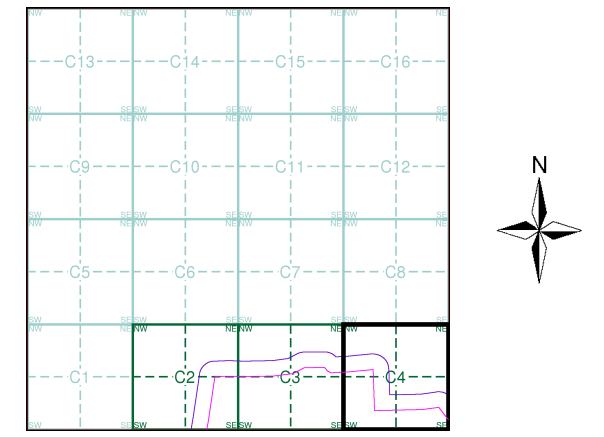
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

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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

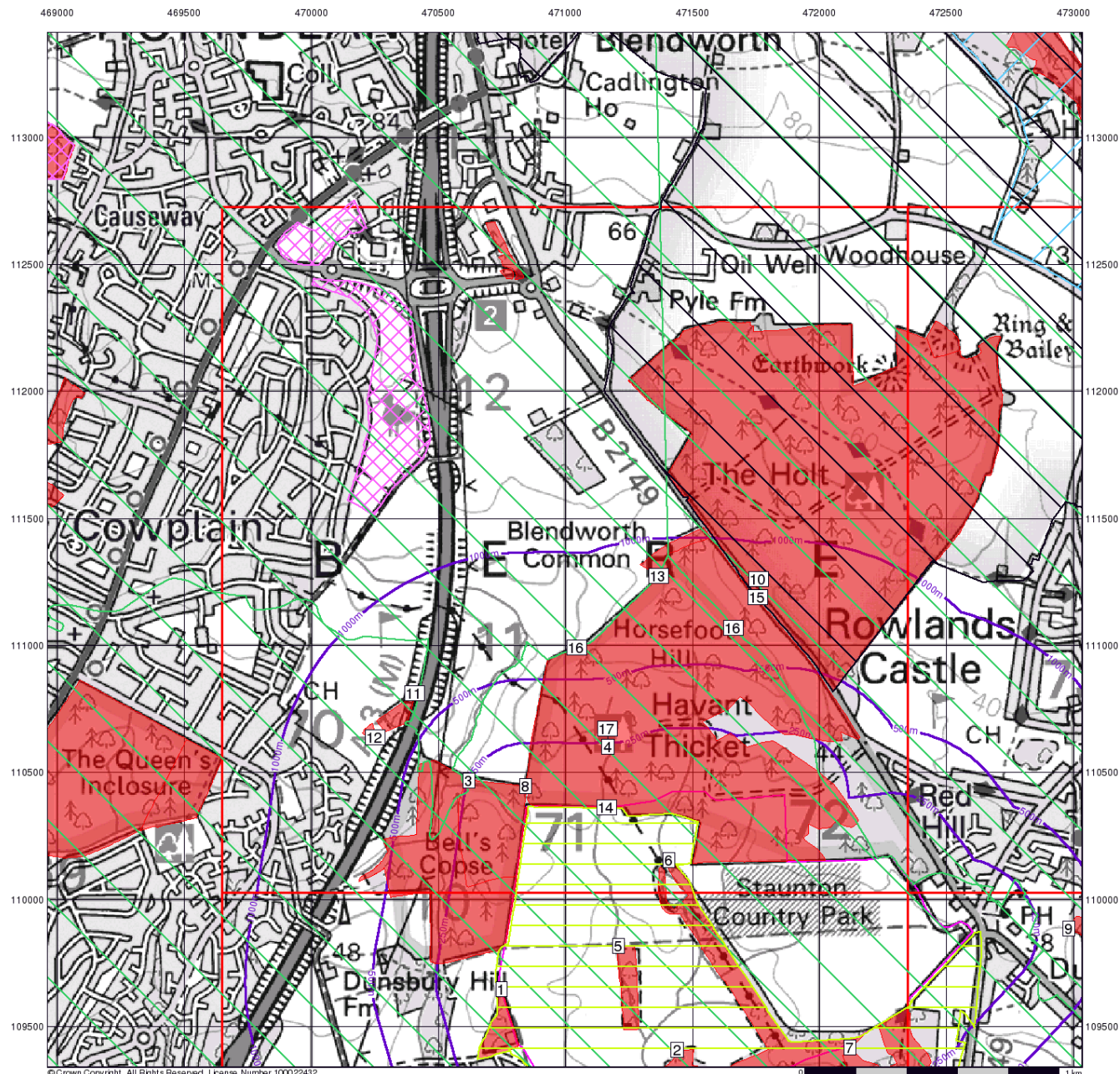


Order Details

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



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ATKINS

Ecology

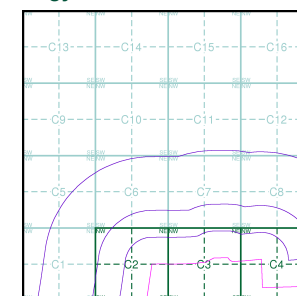
General

- 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

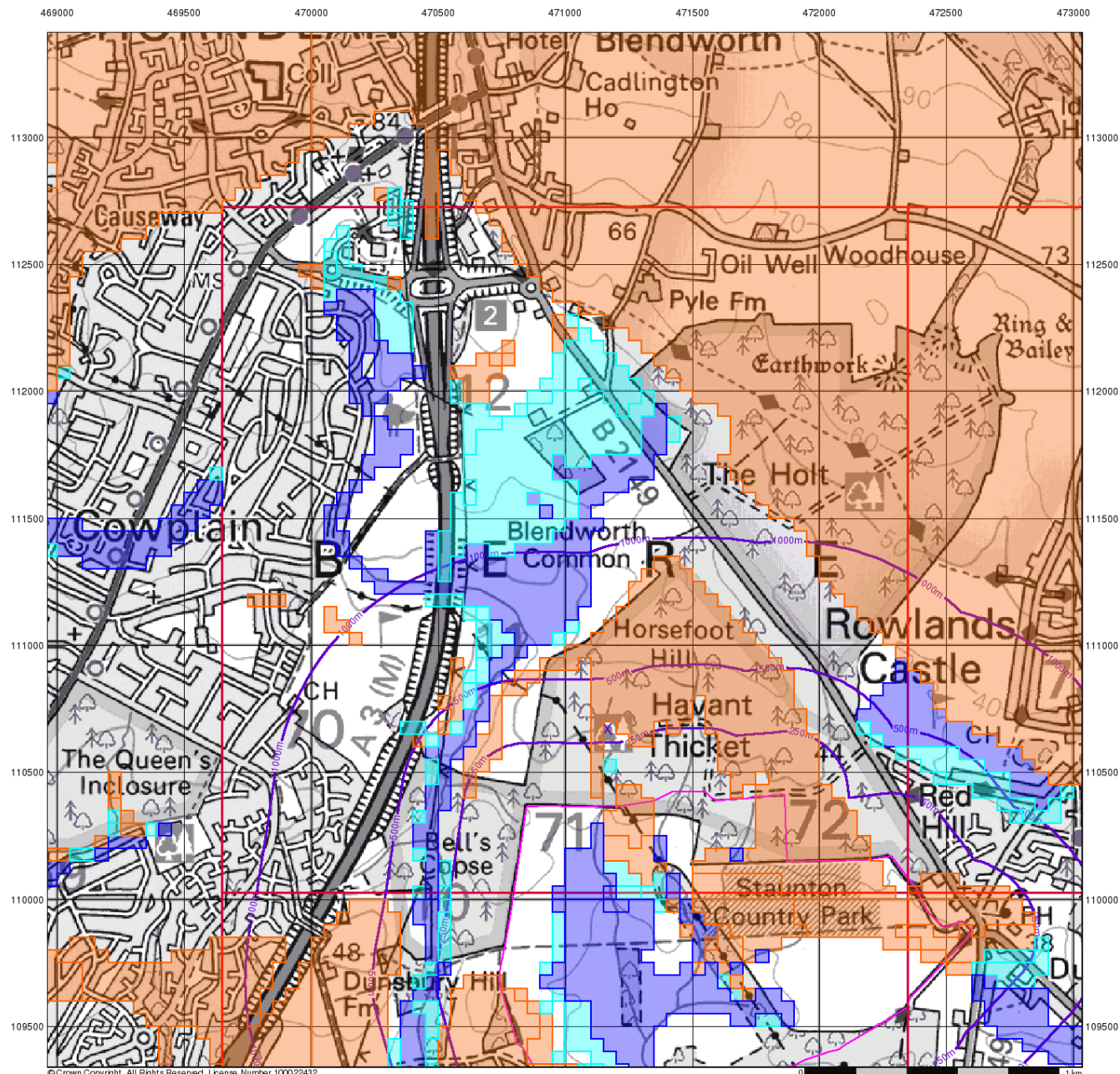
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 Customer Ref: 5169117
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 Slice: C
 Site Area (Ha): 172.43
 Search Buffer (m): 1000

Site Details

Site at 472000, 110000

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Water and Hydrology

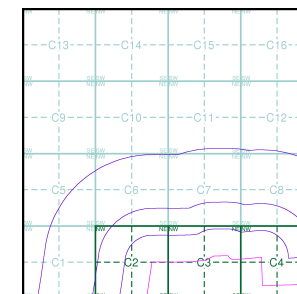
General

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

Groundwater Flooding Susceptibility

- Potential for Groundwater Flooding to Occur on 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

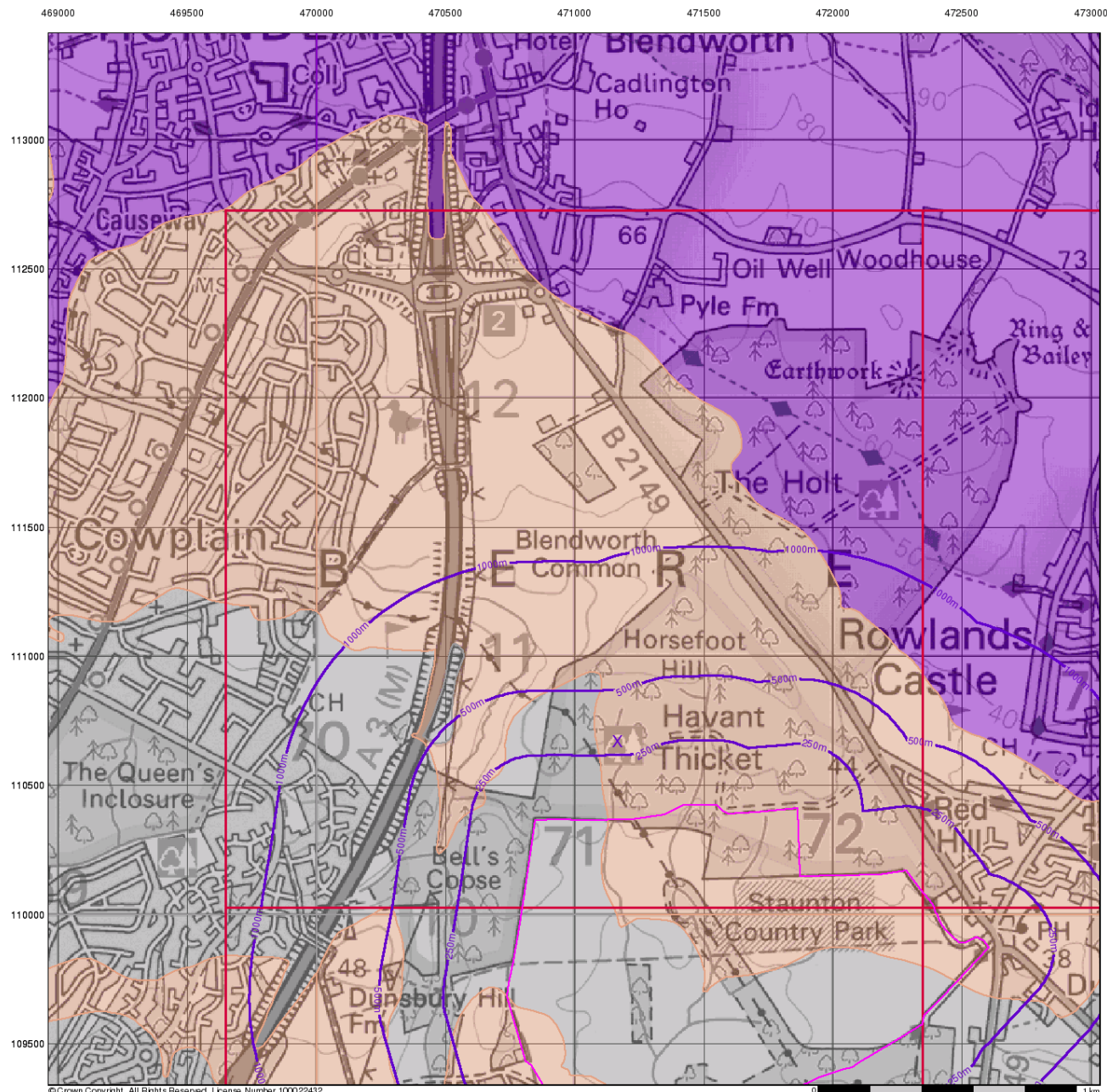
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 Customer Ref: 5169117
 National Grid Reference: 471170, 110670
 Slice: C
 Site Area (Ha): 172.43
 Search Buffer (m): 1000

Site Details

Site at 472000, 110000

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Water and Hydrology

General

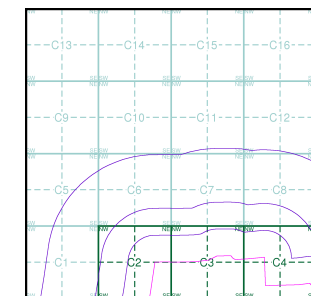
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Bedrock Aquifer Designations

Geological Classes

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

Bedrock Aquifer Designations - Slice C



Order Details

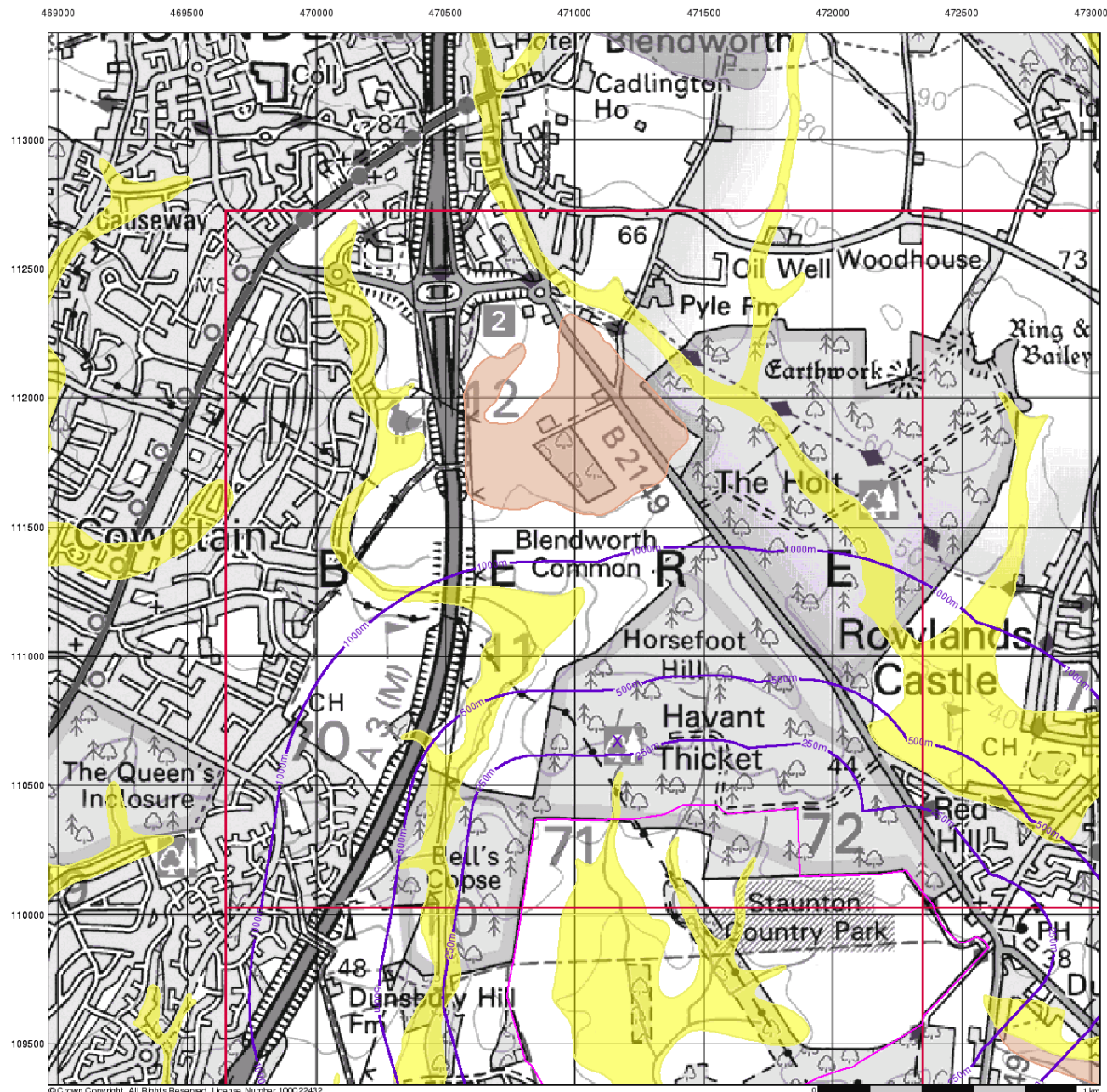
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 Customer Ref: 5169117
 National Grid Reference: 471170, 110670
 Slice: C
 Site Area (Ha): 172.43
 Search Buffer (m): 1000

Site Details

Site at 472000, 110000

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Water and Hydrology

General

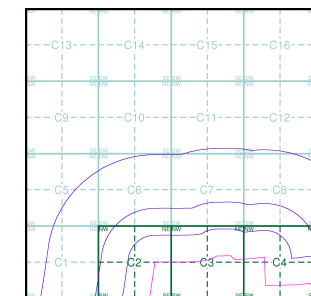
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Superficial Aquifer Designations

Geological Classes

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

Superficial Aquifer Designations - Slice C



Order Details

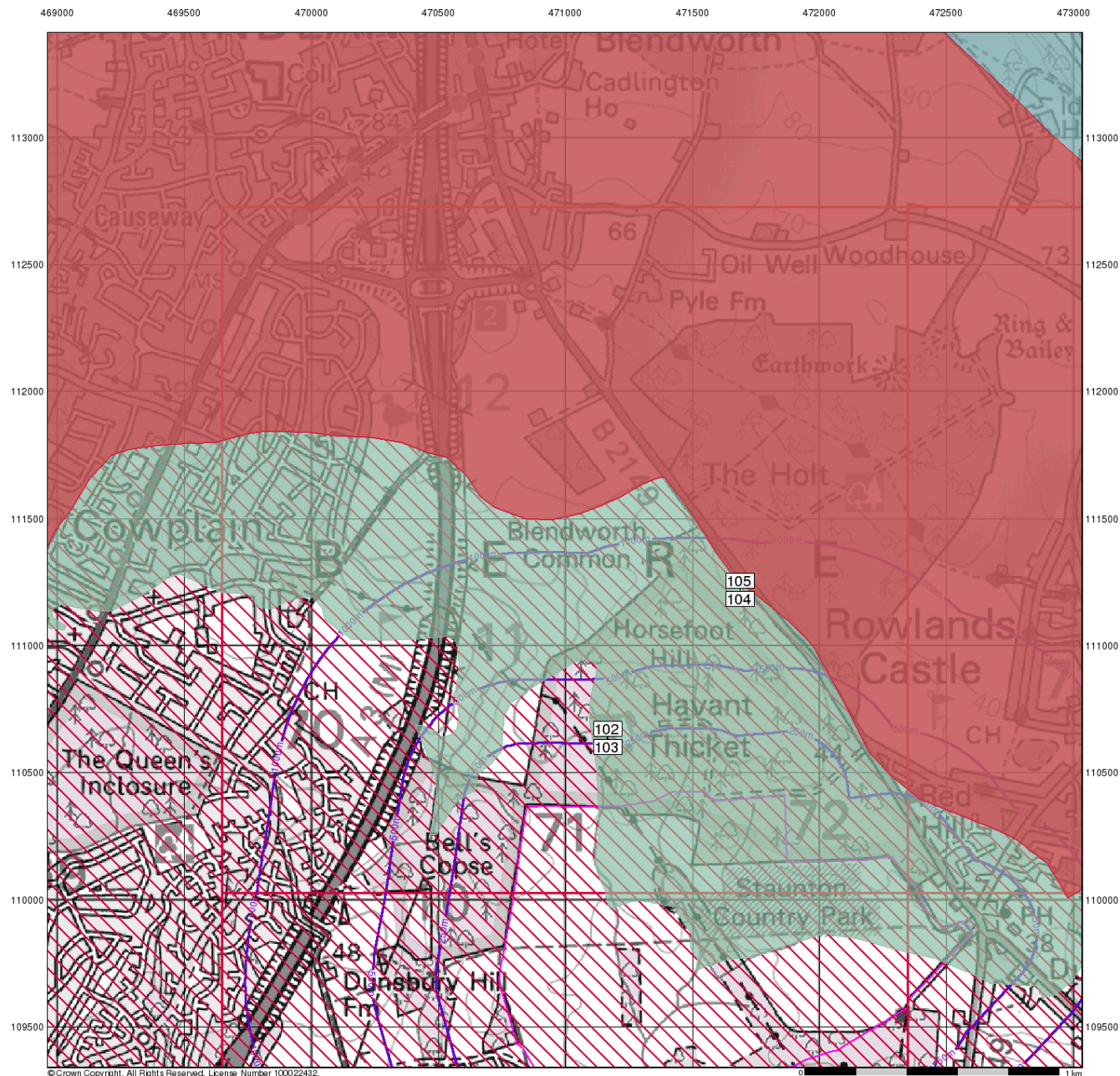
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 Customer Ref: 5169117
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 Slice: C
 Site Area (Ha): 172.43
 Search Buffer (m): 1000

Site Details

Site at 472000, 110000

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



ATKINS

Water and Hydrology

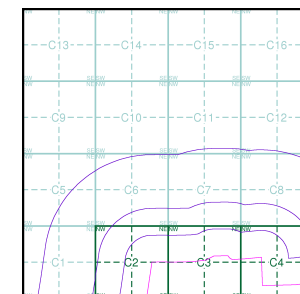
General

- 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

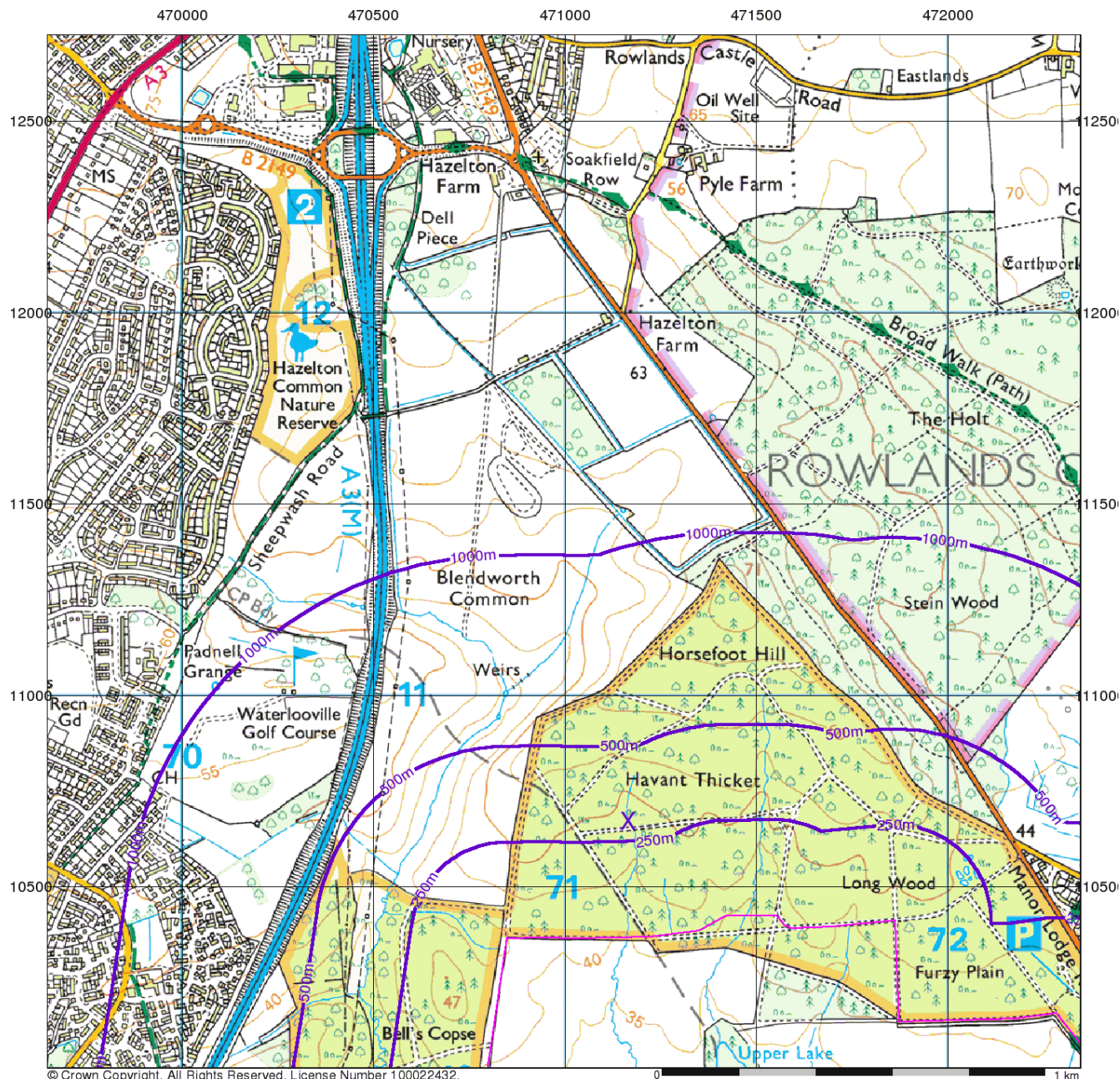
Order Number: 202069335_1_1
 Customer Ref: 5169117
 National Grid Reference: 471170, 110670
 Slice: C
 Site Area (Ha): 172.43
 Search Buffer (m): 1000

Site Details

Site at 472000, 110000

Landmark
 INFORMATION GROUP

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



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0 1 km

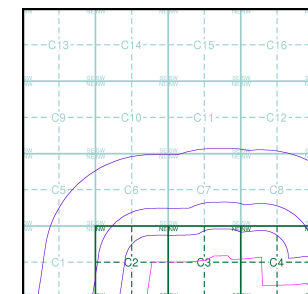
ATKINS

Site Location

General

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

Site Location - Slice C



Order Details

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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

	Motorway
	Dual carriageway
	Main road
	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 P - passenger only
	Path

RAILWAYS

	Multiple track	standard gauge
	Single track	
	{ 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	Footpaths and bridleways along which landowners have permitted public use but which are not rights of way. The agreement may be withdrawn	
	Permissive bridleway		
	Traffic-free cycle route		
	National cycle network route number - traffic free		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



Firing and test ranges in the area. Danger! Observe warning notices
Champs de tir et d'essai. Danger! Se conformer aux avertissements
Schuss und Erprobungsgelände. Gefahr! Warningschilder 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



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

General Information

VEGETATION

Limits of vegetation are defined by positioning of symbols

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

GENERAL FEATURES

+	Place of worship		Gravel pit		Sand pit
Current or former place of worship	- with tower - with spire, minaret or dome		Other pit or quarry		Landfill site or slag/spoil heap
	Building; important building	BP/BS	Boundary post/stone		
	Glasshouse	CG	Cattle grid		
	Youth hostel	CH	Clubhouse		
	Bunkhouse/camping barn/other hostel	FB	Footbridge		
	Bus or coach station	MP; MS	Milepost; milestone		
	Lighthouse; disused lighthouse; beacon	Mon	Monument		
	Triangulation pillar; mast	PO	Post office		
	Windmill, with or without sails	Pol Sta	Police station		
	Wind pump; wind turbine	Sch	School		
	Electricity transmission line	TH	Town hall		
	Slopes	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	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
284	Air survey height	
	Vertical face/cliff	
	Loose rock	
	Boulders	
	Outcrop	
	Scree	
	Water	
	Mud	
	Sand; sand & shingle	

ARCHAEOLOGICAL AND HISTORICAL INFORMATION

	Site of antiquity	VILLA	Roman
	Site of battle (with date)	Castle	Non-Roman
	Visible earthwork		

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

AUSGEWÄHLTE INFORMATIONEN ZU TOURISTIK UND FREIZEITGESTALTUNG

	Parking / Park & Ride, all year/seasonal Parking / Parking et navette, ouvert toute l'année/en saison Parkplatz / Park & Ride, ganzjährig/saisonal		Walks/trails Promenades Wanderwege		Nature reserve Réserve naturelle Naturschutzgebiet
	Information centre, all year/seasonal Office de tourisme, ouvert toute l'année/en saison Informationsbüro, ganzjährig/saisonal		Cycle trail Piste cyclable Radfahrweg		Fishing Pêche Angeln
	Visitor centre Centre pour visiteurs Besucherzentrum		Mountain bike trail Chemin pour VTT Mountainbike-Strecke		Other tourist feature Autre site intéressant Sonstige Sehenswürdigkeit
	Forestry Commission visitor centre Commission Forestière: Centre de visiteurs Staatsforst Besucherzentrum		Cycle hire Location de vélos Fahrradverleih		Cathedral/Abbey Cathédrale/Abbaye Kathedrale/Abtei
	Public convenience Toilettes Öffentliche Toilette		Horse riding Equitation Reitstall		Museum Musée Museum
	Telephone, public/roadside assistance/emergency Téléphone, public/borne d'appel d'urgence/urgence Telefon, öffentlich/Notrufsäule/Notruf		Viewpoint Point de vue Aussichtspunkt		Castle/fort Château/Fortification Burg/Festung
	Camp site/caravan site Terrain de camping/Terrain pour caravanes Campingplatz/Wohnwagenplatz		Picnic site Emplacement de pique-nique Picknickplatz		Building of historic interest Bâtiment d'intérêt historique Historisches Gebäude
	Recreation/leisure/sports centre Centre de détente/loisirs/sports Erholungs-/Freizeit-/Sportzentrum		Country park Parc naturel Landschaftspark		Heritage centre Centre d'héritage Heimatismuseum
	Golf course or links Terrain de golf Golfplatz		Garden/arboretum Jardin/Arboretum Garten/Baumgarten		National Trust
	Theme/pleasure park Parc à thèmes/Parc d'agrément Vergnügungs-/Freizeitpark		Water activities Jeux aquatiques Wassersport		English Heritage
	Preserved railway Chemin de fer touristique Museumseisenbahn		Slipway Cale Helling		Historic Scotland
	Public house/s Pub/s Gaststätte/n		Boat trips Croisières en bateau Bootsfahrten		
	Craft centre Centre artisanal Zentrum für Kunsthandwerk		Boat hire Location de bateau Bootsverleih		

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

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

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(m ²): 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

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	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	

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.

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

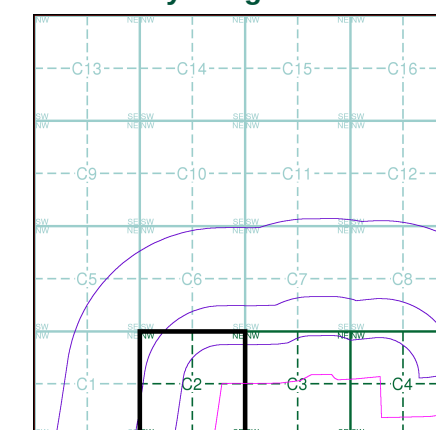
Heritage

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

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Segment C2

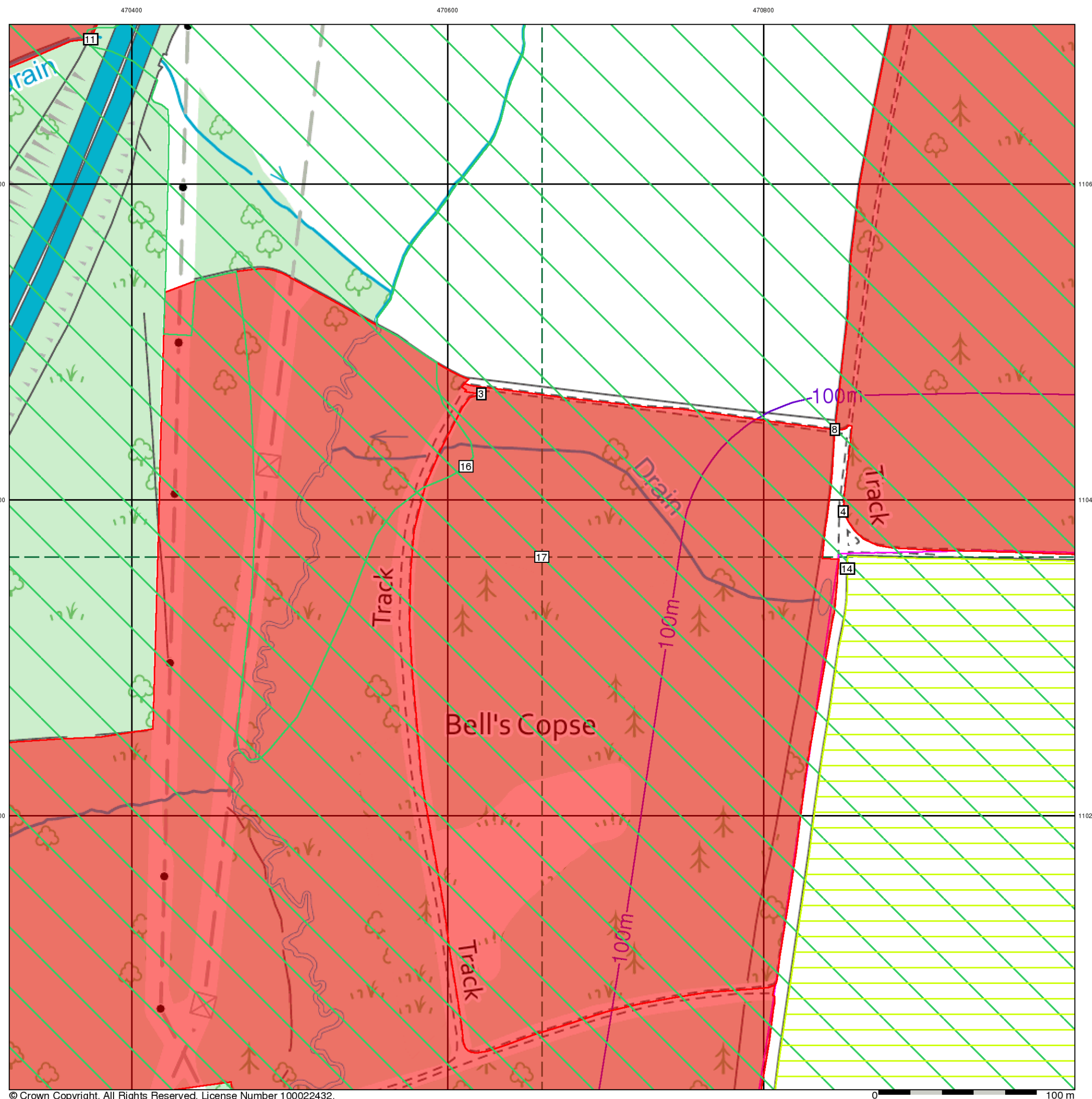


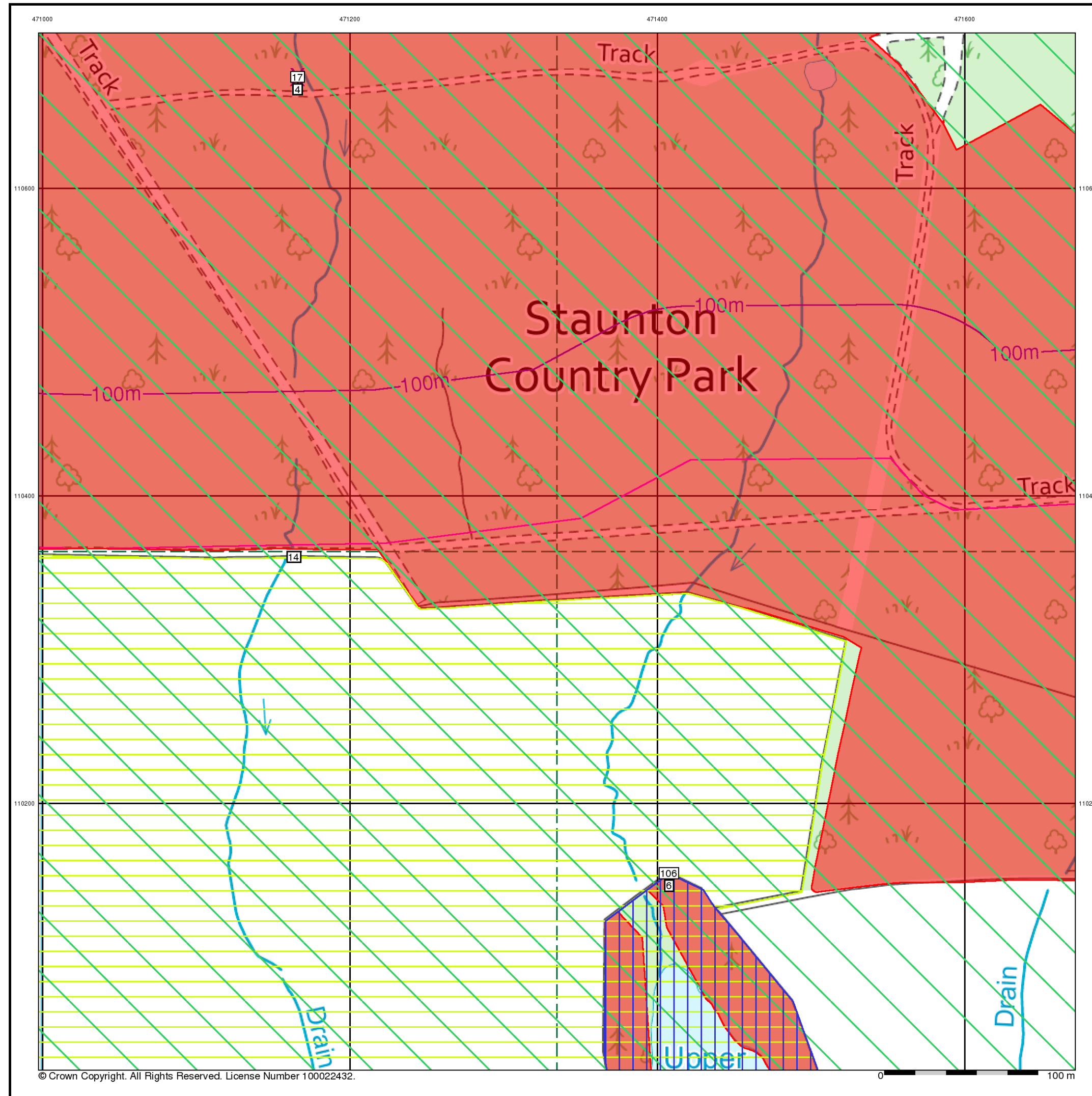
Order Details

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





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

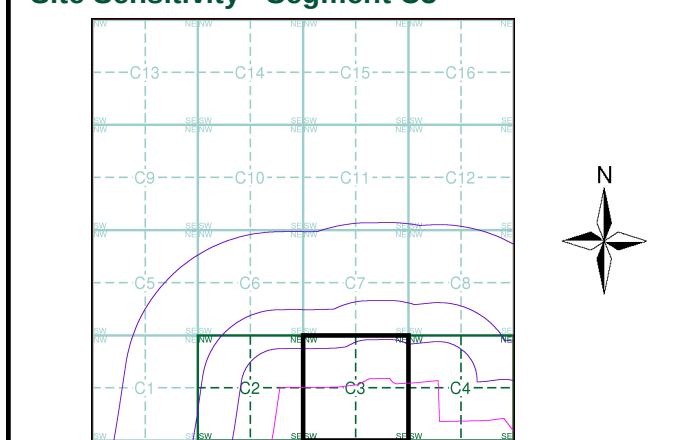
Heritage

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

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Segment 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



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

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

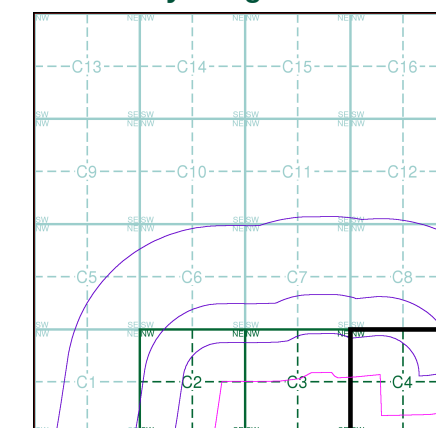
Heritage

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

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Segment C4

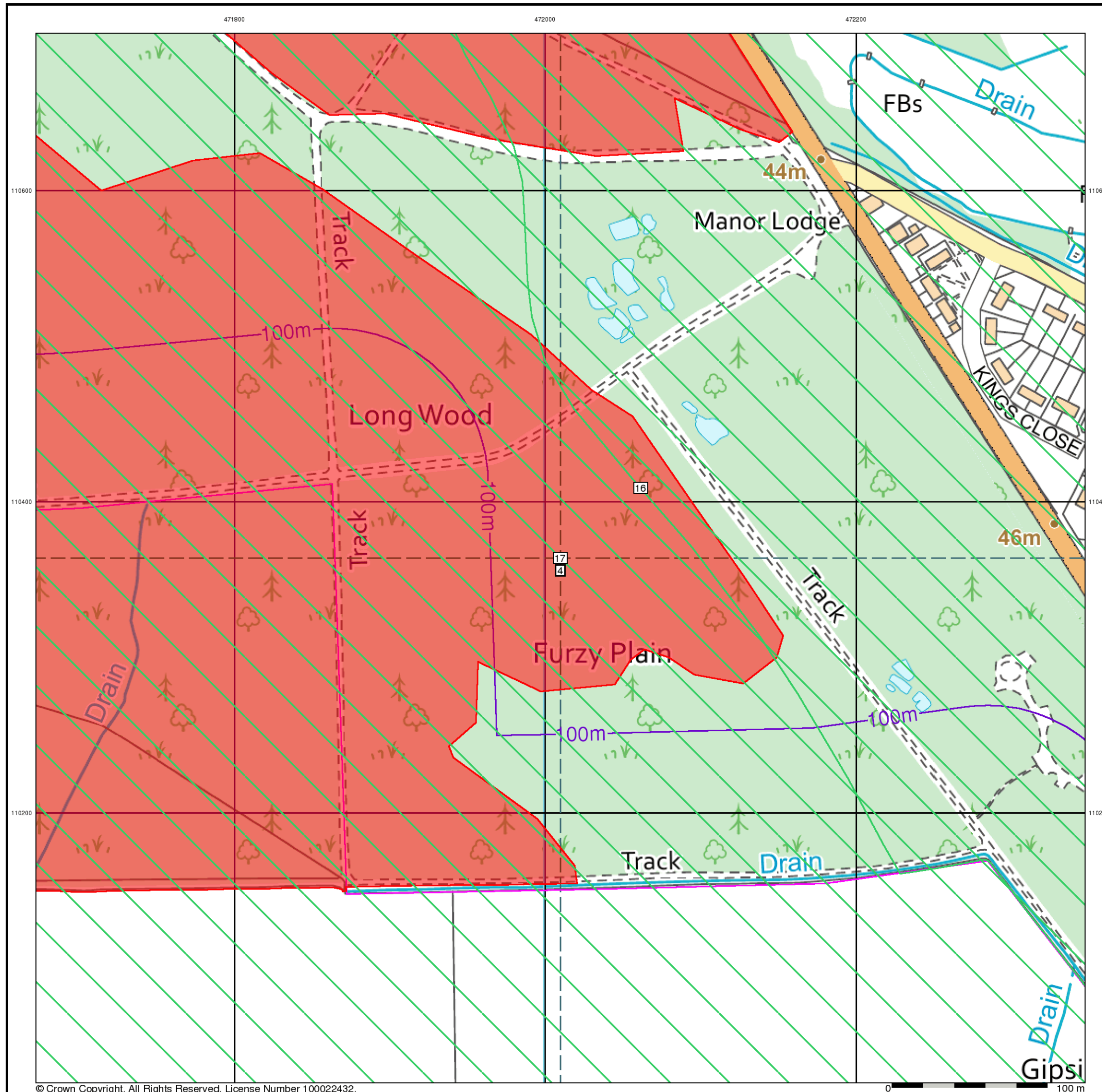


Order Details

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



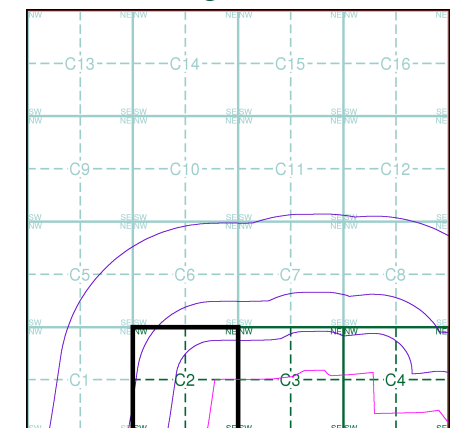
Aerial Photo

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

471000

471200

471400

471600

ATKINS

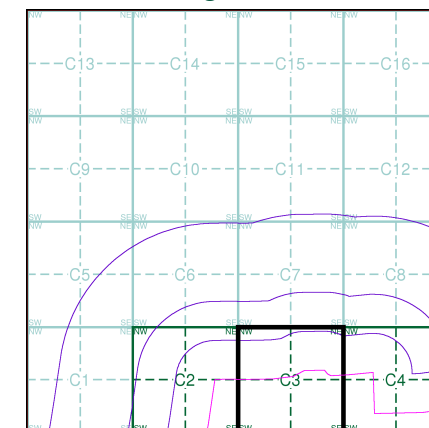
Aerial Photo

General

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

Published Date(s):
2013

Aerial Photo - Segment C3



Order Details

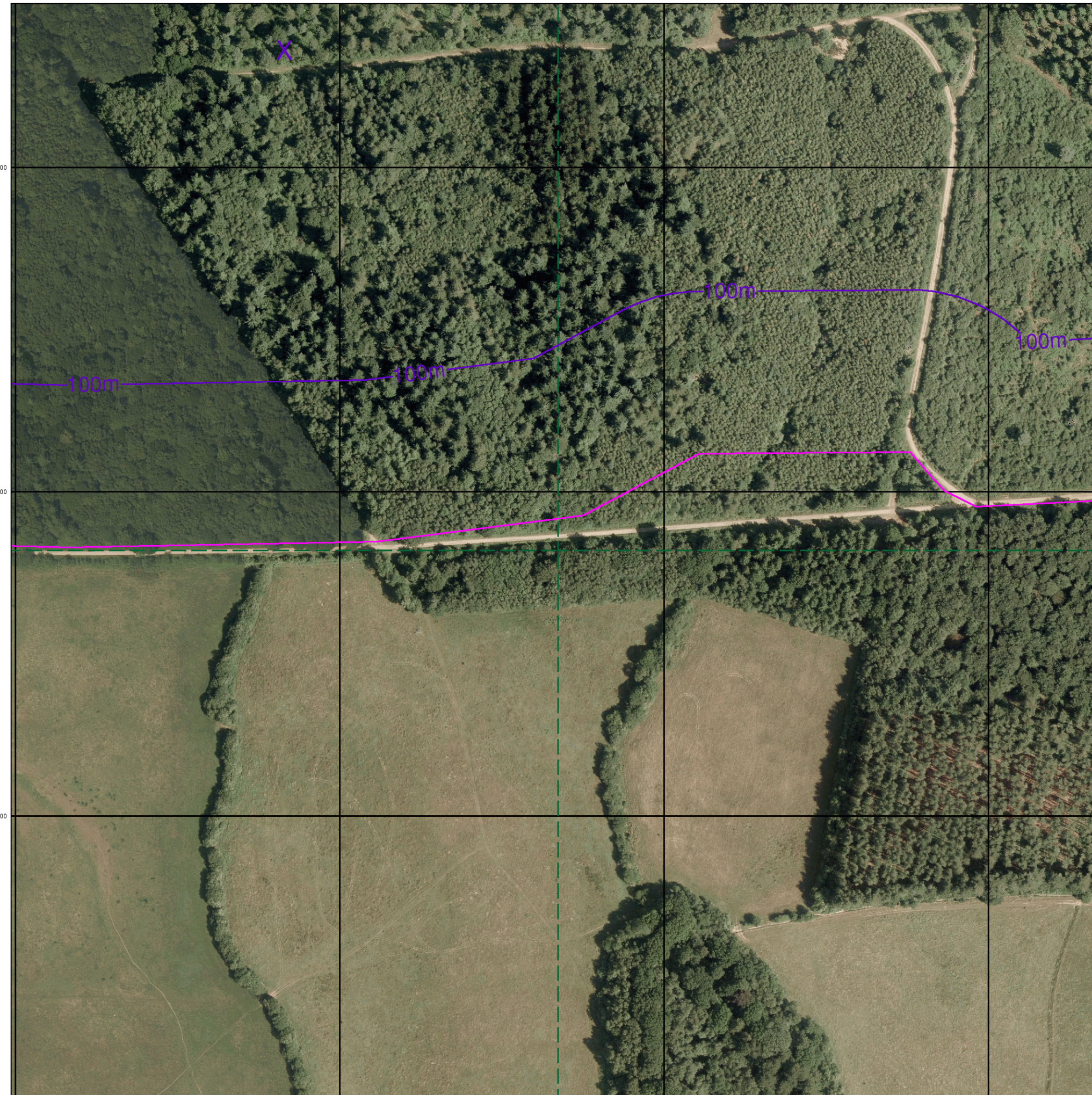
Order Number: 202069335_1_1
Customer Ref: 5169117
National Grid Reference: 471170, 110670
Slice: C
Site Area (Ha): 172.43

Site Details

Site at 472000, 110000

Landmark
INFORMATION GROUP

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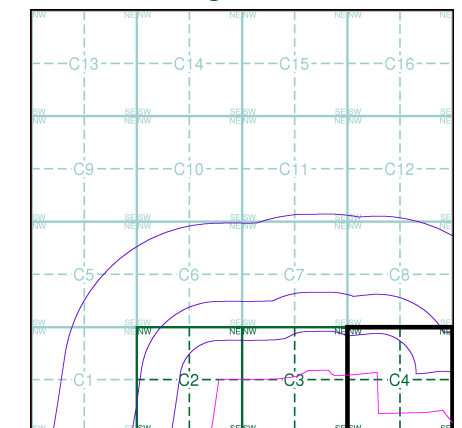
Aerial Photo

General

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

Published Date(s):
2013

Aerial Photo - Segment C4

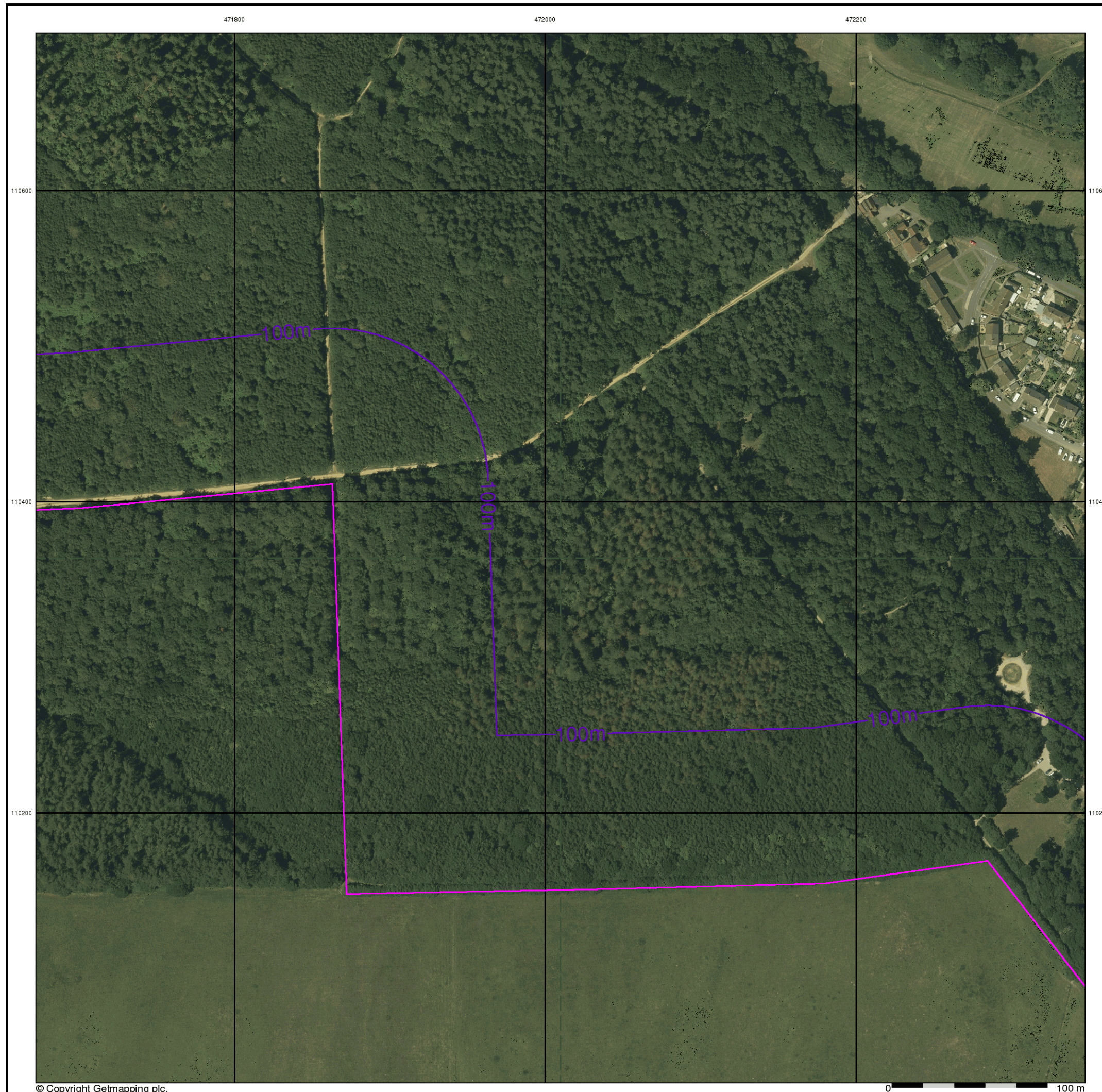


Order Details

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



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

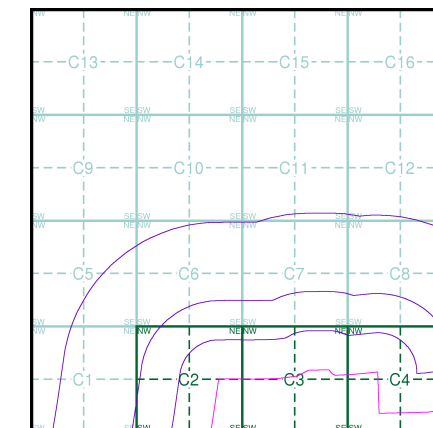
Heritage

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

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Slice C

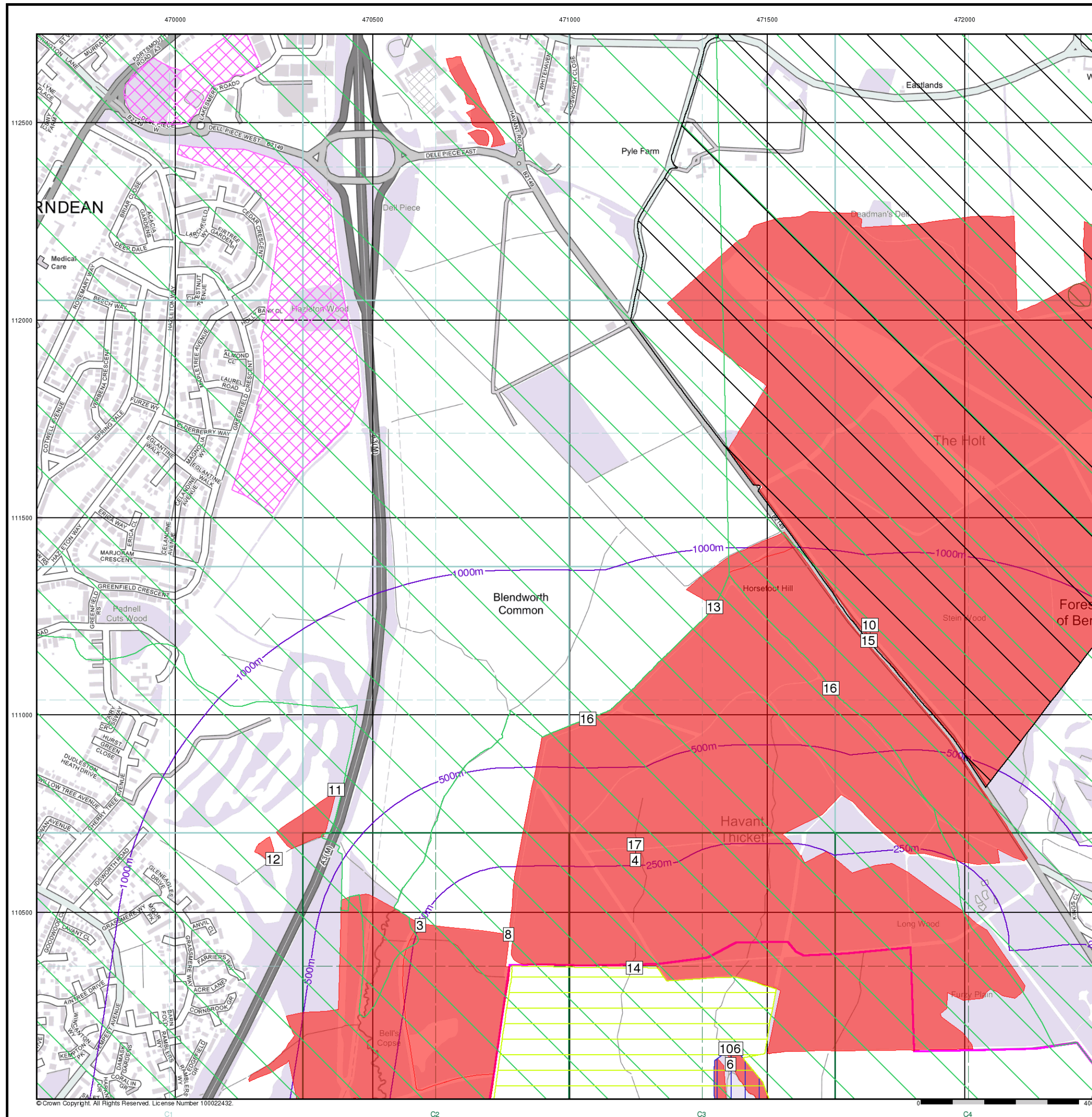


Order Details

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



Water and Hydrology

General

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

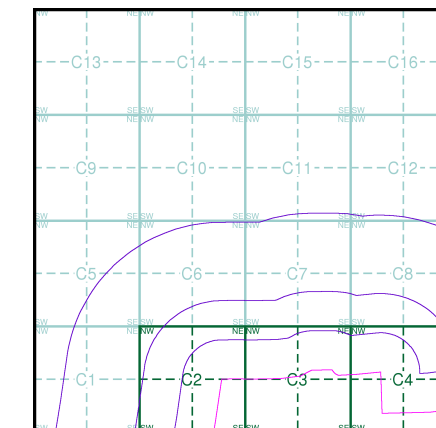
Flood

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

Flood - Slice C

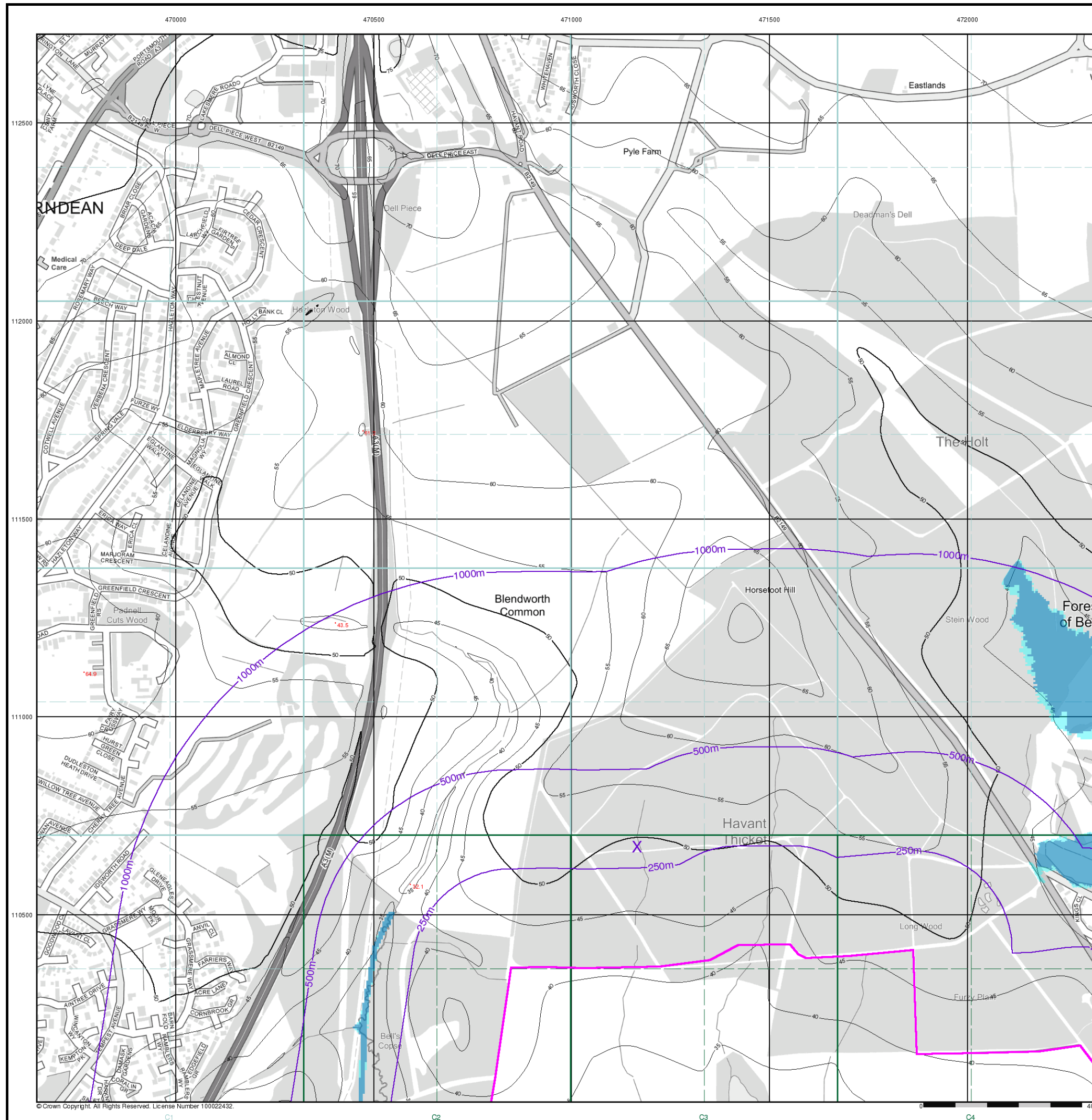


Order Details

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



Water And Hydrology

General

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

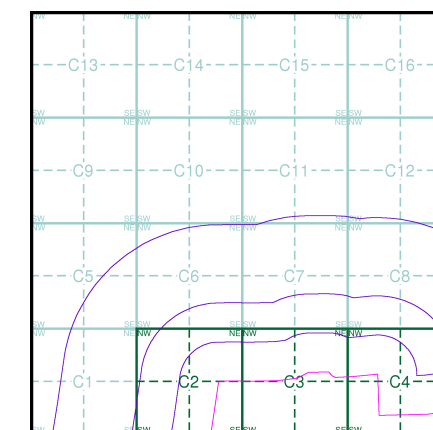
OS Water Network Data

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

Contours (height in meters)

- Standard Contour   Mean Low Water
- Master Contour   Mean High Water
- Spot Height  167.3

OS Water Network - Slice C

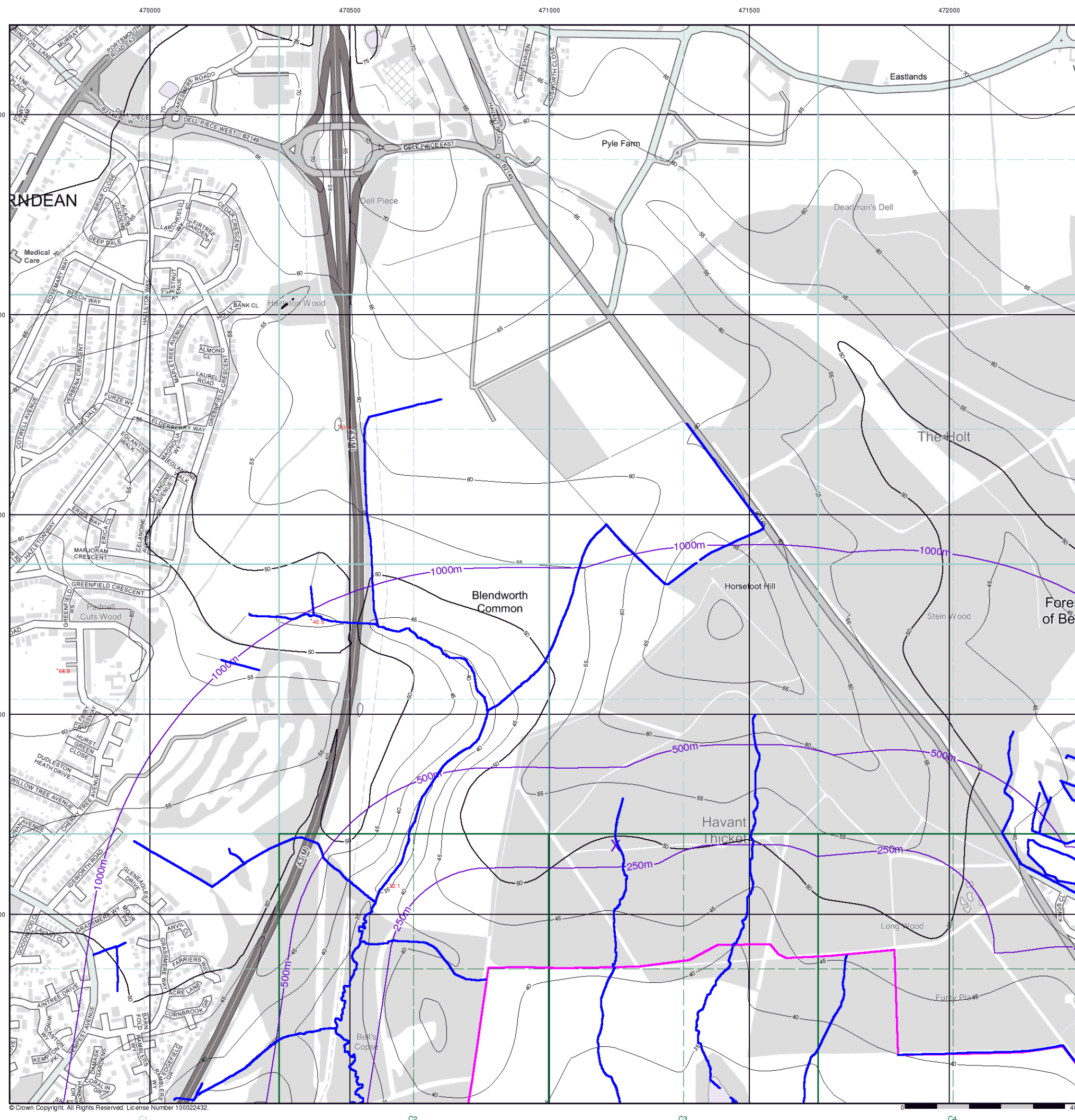


Order Details

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



Water and Hydrology

General

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

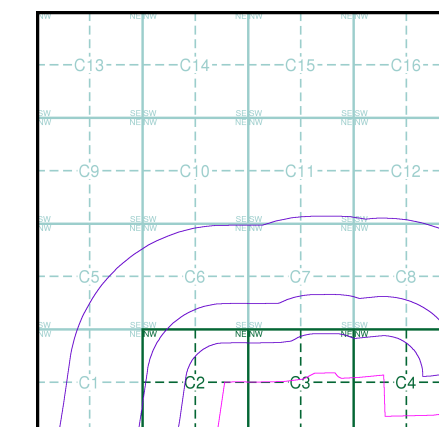
Historic Flood

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

Historic Flood - Slice C

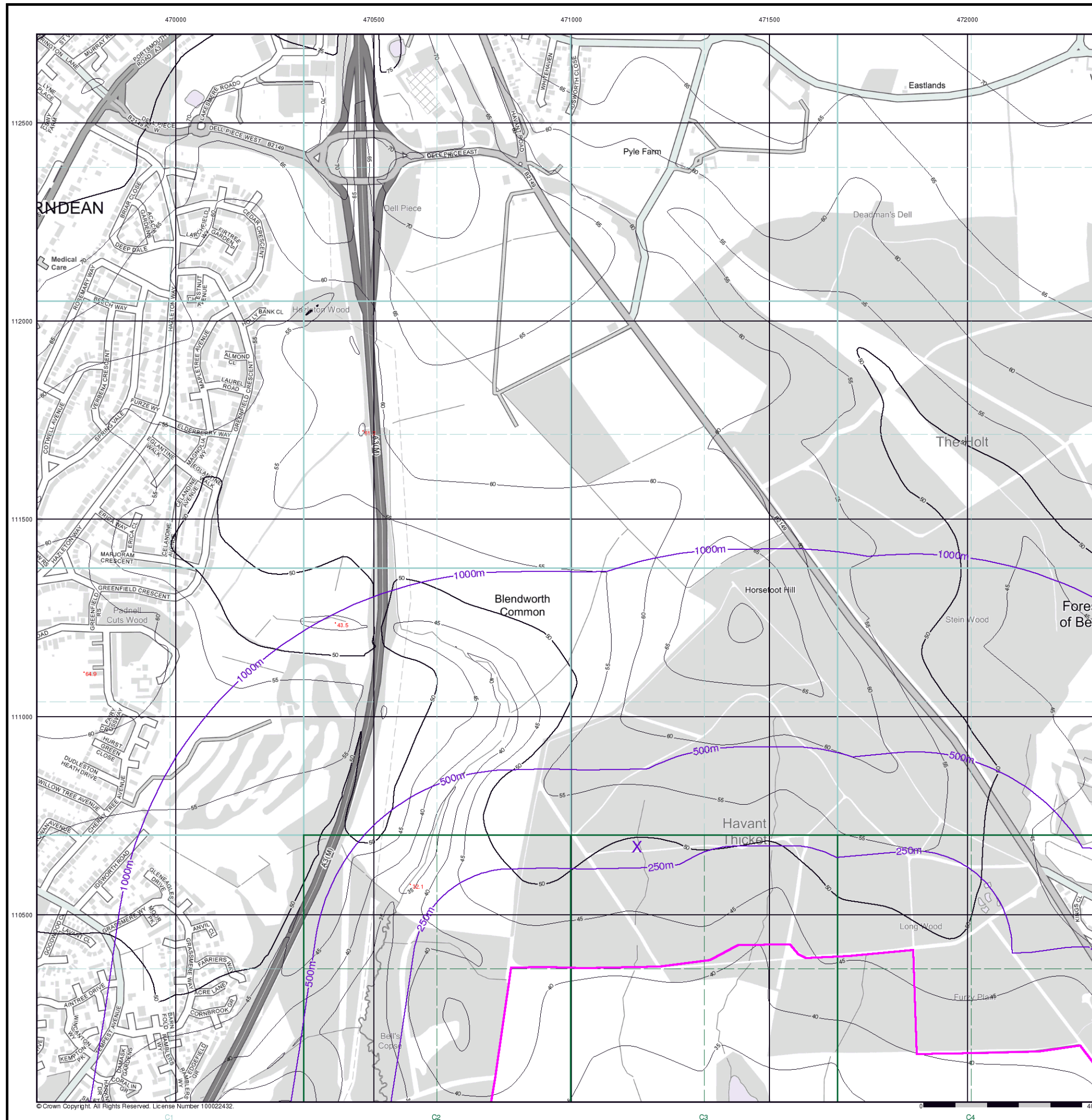


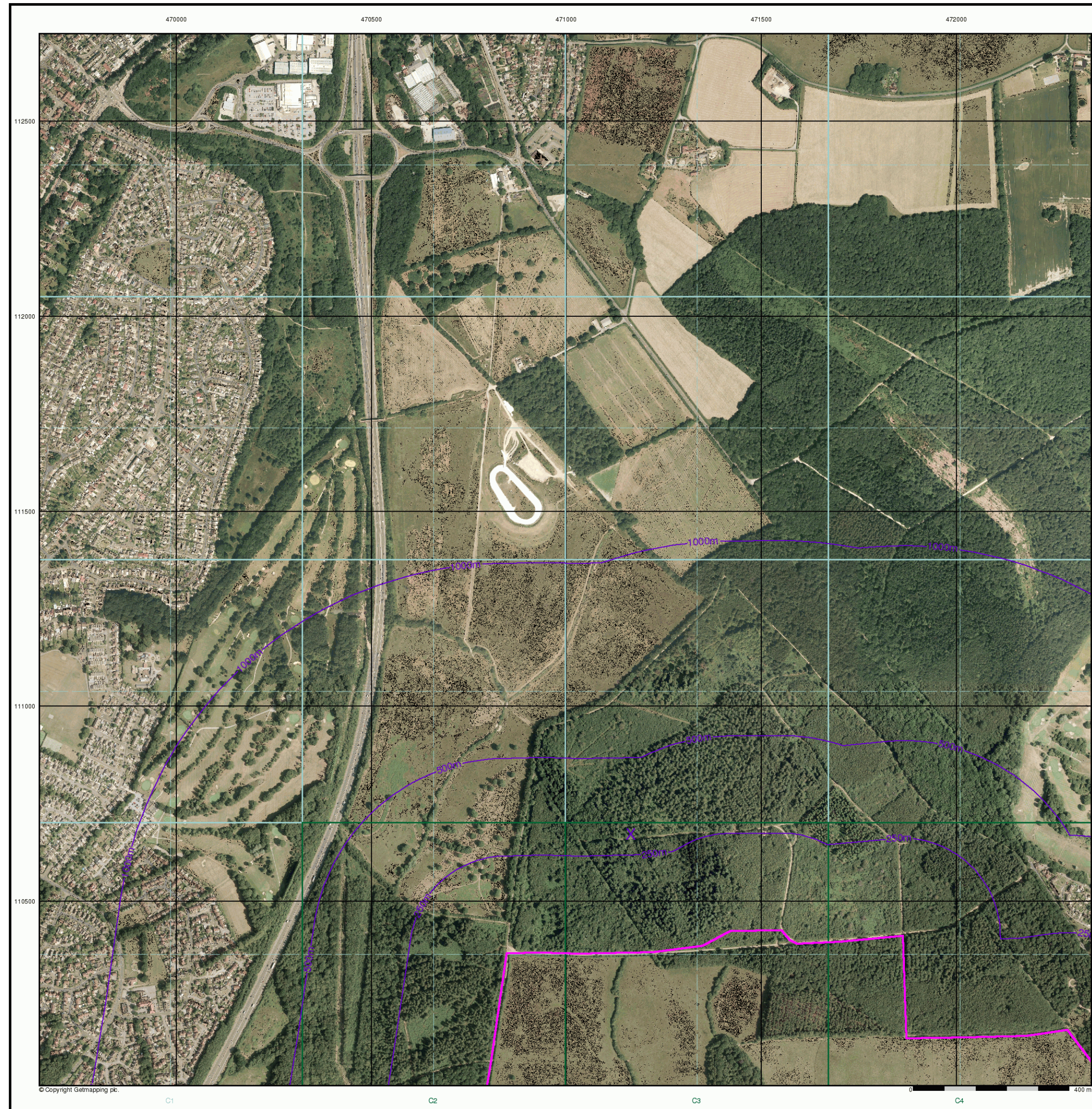
Order Details

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





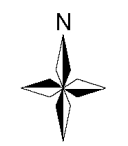
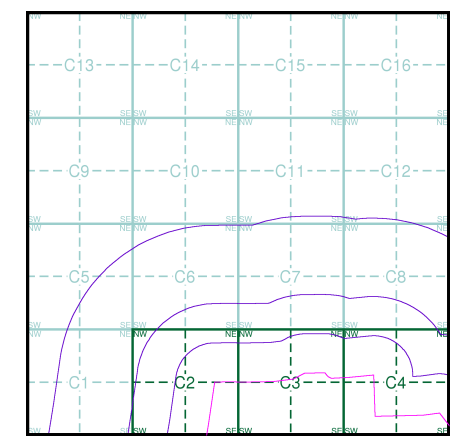
Aerial Photo

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



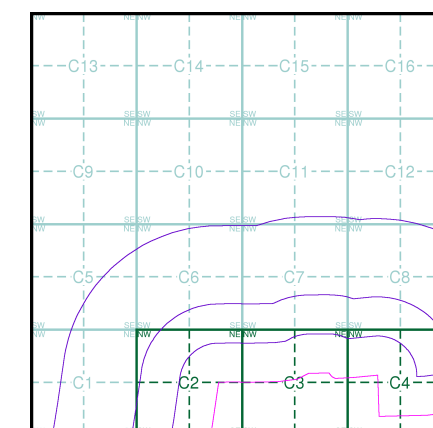
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Site Location

General

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

Site Location - Slice C

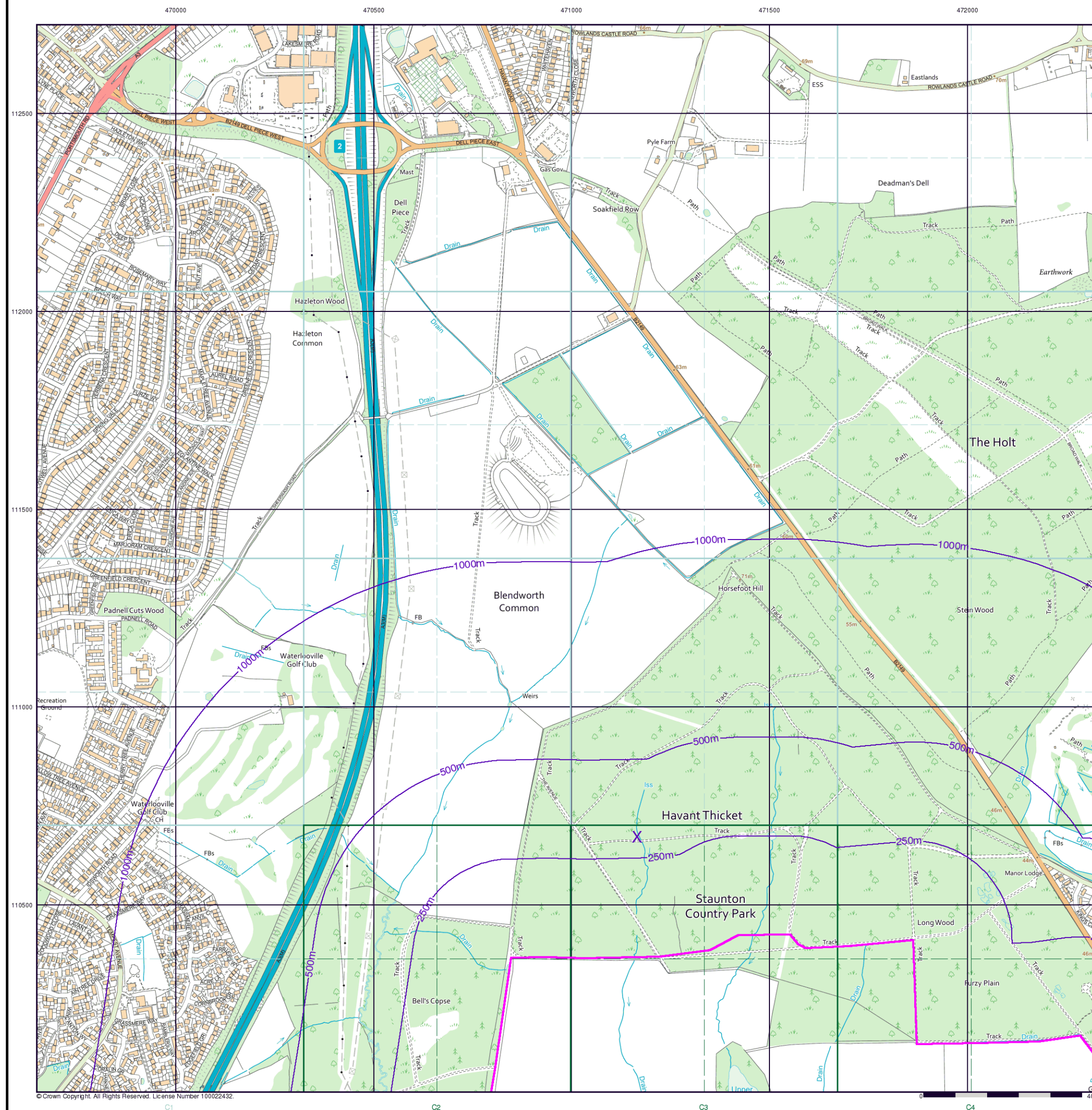


Order Details

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

Site at 472000, 110000



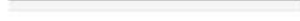
OS VectorMap® Local

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-leaved 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

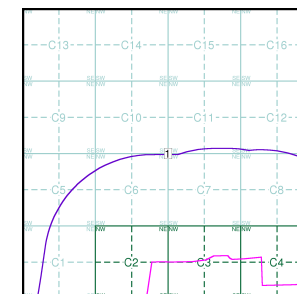
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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



Order Details:

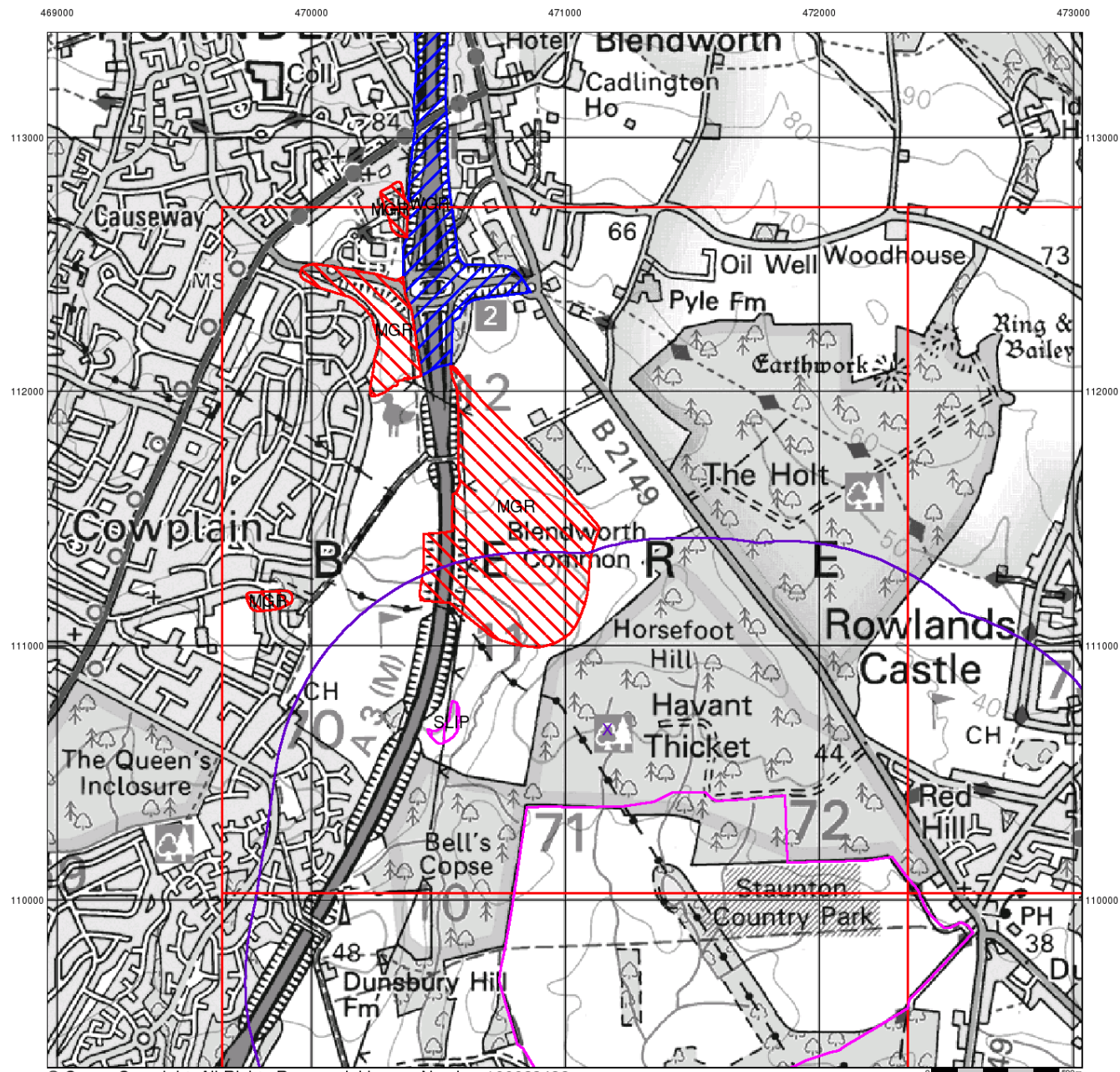
Order Number:	202069335_1_1
Customer Reference:	5169117
National Grid Reference:	471170, 110670
Slice:	C
Site Area (Ha):	172.43
Search Buffer (m):	1000

Site Details:

Site at 472000, 110000

Landmark
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ATKINS

Artificial Ground and Landslip

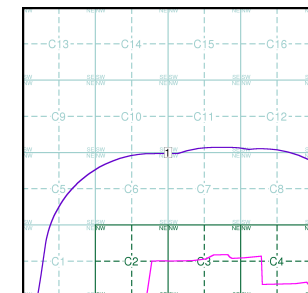
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



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:

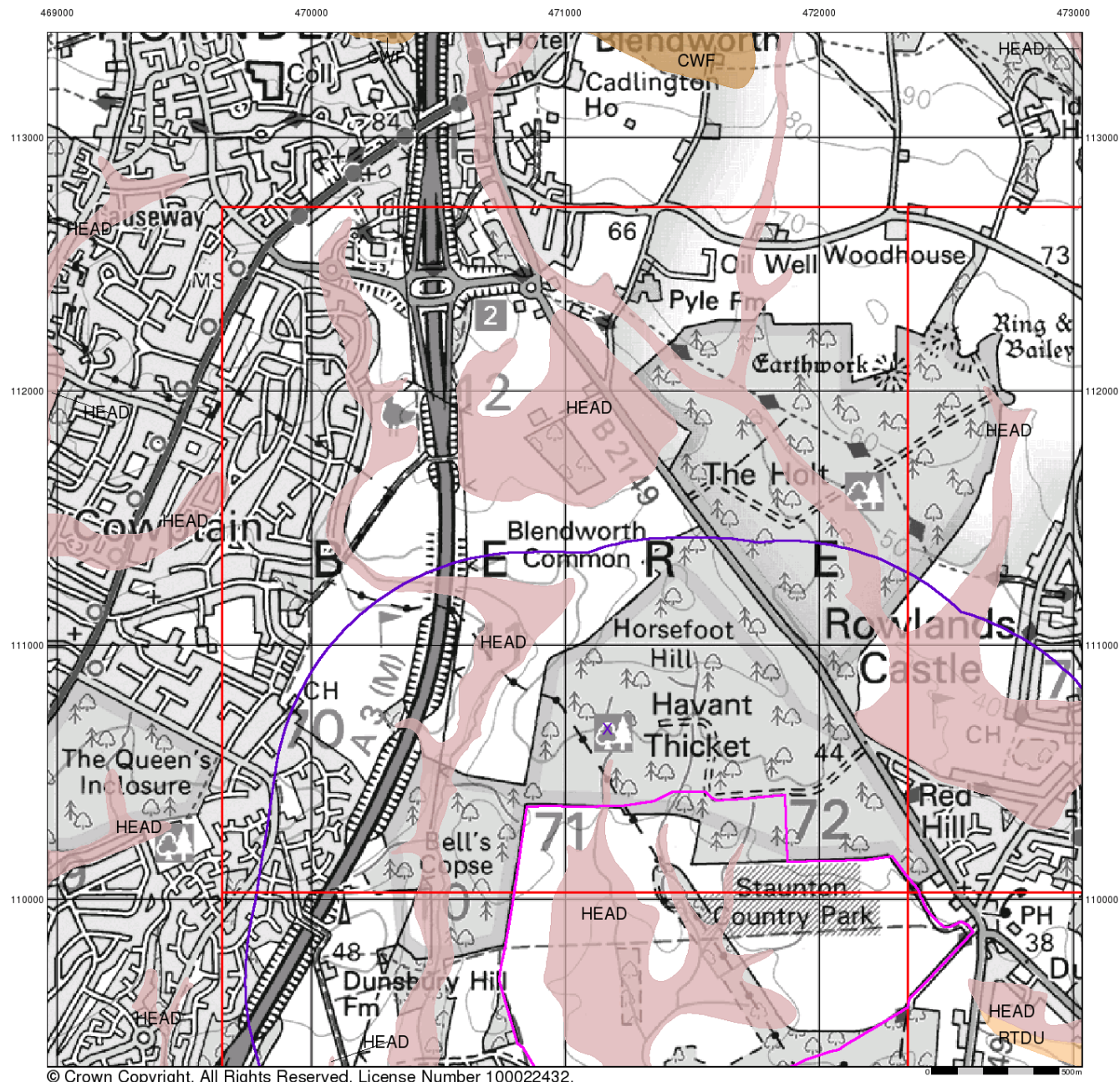
Site at 472000, 110000

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Page 2 of 5



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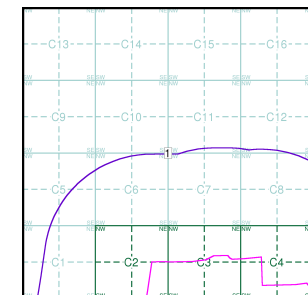
Superficial Geology

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:

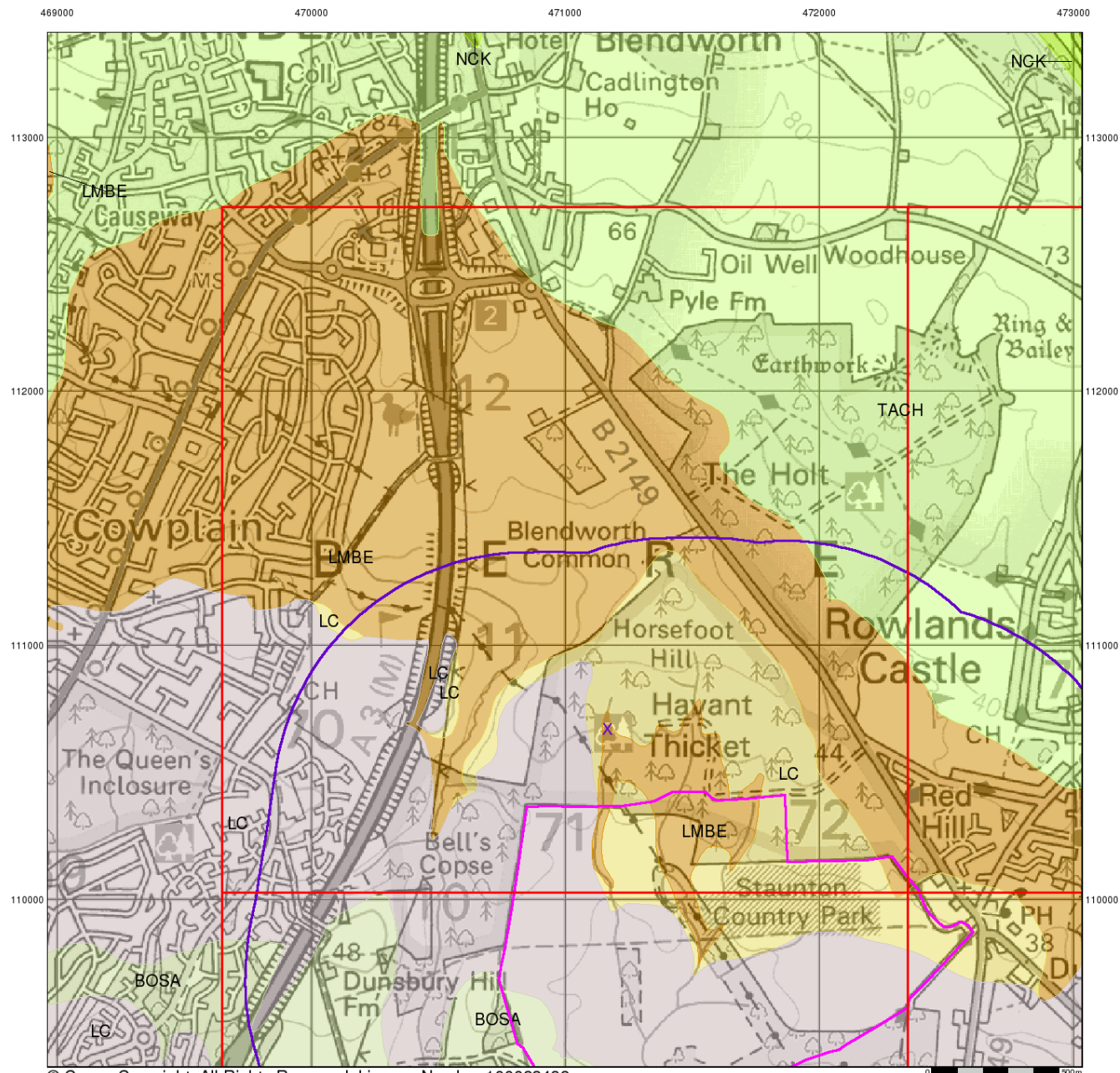
Order Number: 202069335_1_1
Customer Reference: 5169117
National Grid Reference: 471170, 110670
Slice: C
Site Area (Ha): 172.43
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Site Details:

Site at 472000, 110000

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ATKINS

Bedrock and Faults

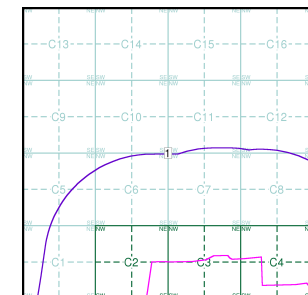
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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



Order Details:

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

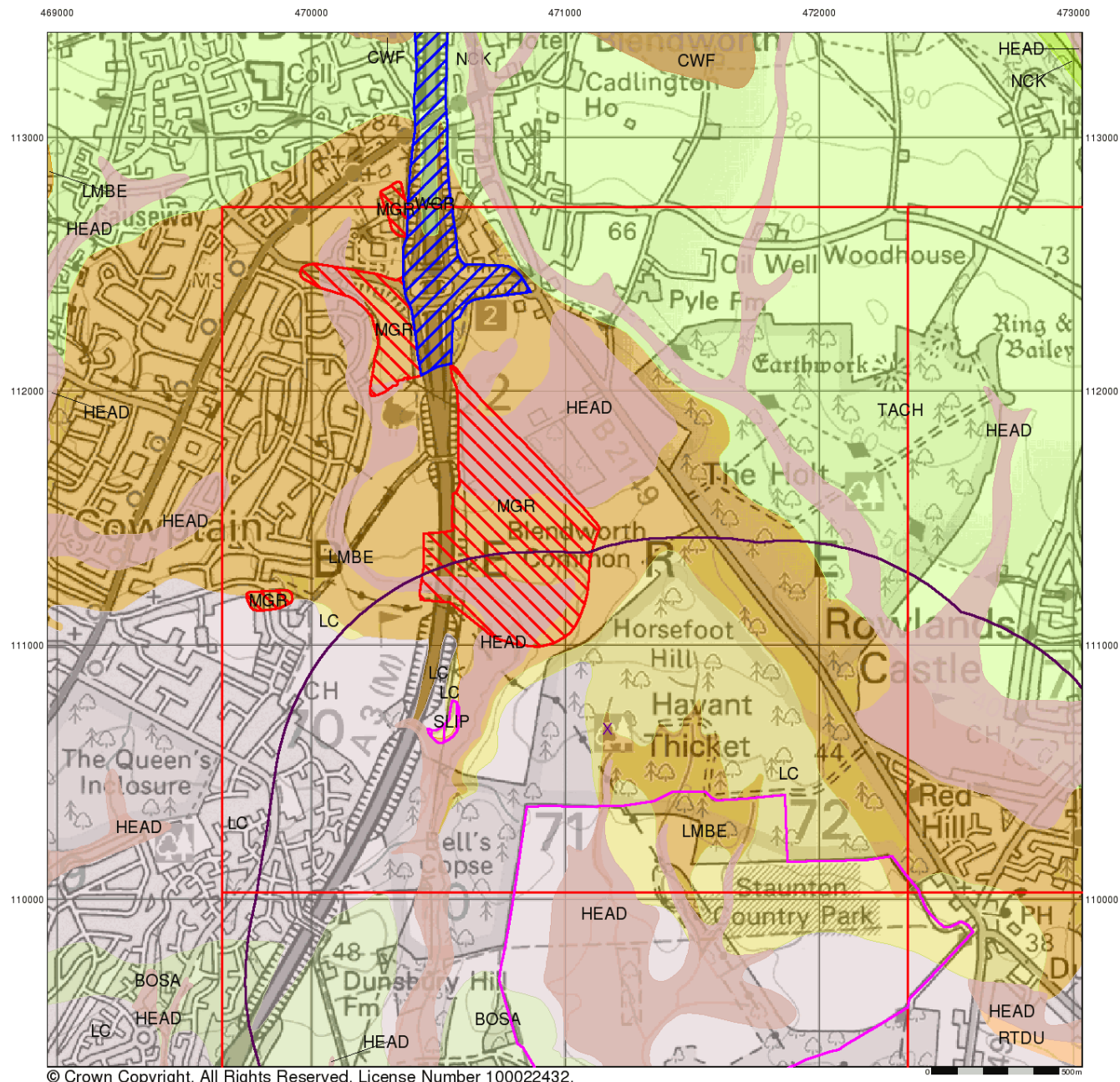
Site at 472000, 110000

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Page 4 of 5



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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.

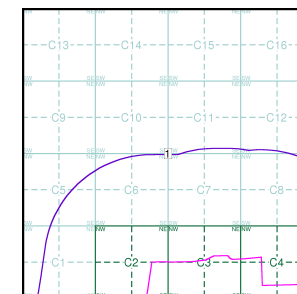
Additional Information

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



Order Details:

Order Number: 202069335_1_1
Customer Reference: 5169117
National Grid Reference: 471170, 110670
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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	•285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

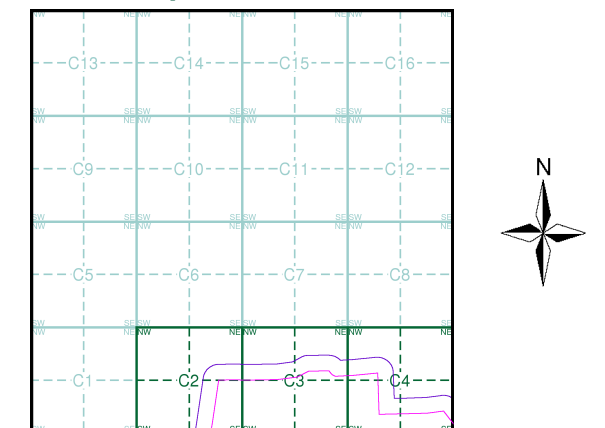
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building

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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

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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Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Fireproof Building Prominent Fireproof Building

Non-fireproof Building Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale Hydroelectric Power Station

Radio Station, drawn to scale Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry Open-pit Salt Mine

Pit Oil Deposit or Well Oil Seepage

Tailings Pile Fuel Storage Tanks Natural Gas Tank

Bench Mark Drill Hole Burial Mound Triangulation Point on Burial Mound

Single-track Railroad Double-track Railroad and Station Building

Coniferous Forest Deciduous Forest Mixed Forest

Lawns Citrus Orchard Wet Ground Scattered Vegetation

243.8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0.2 Velocity of the current, width of river bed, depth of river

180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings Military and Industrial Buildings

Military and Communication Areas Subway Entrance

Partly Demolished Buildings Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building Prominent Industrial Building

Individual Dwelling, Fireproof Ruins of an Individual Dwelling

Factory or Mill Chimney Factory or Mill with Chimney Factory or Mill without Chimney Mine or Open Pit Mine

Operating Shaft or Mine Non-Operating Shaft or Mine Salt Mine Tailings Pile

Pit Stone Quarry Gas Pump or Service Station Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick Small Hydroelectric Power Station Power Station Transformer Station

Cemetery Burial Mound (height in metres) Triangulation Point on Burial Mound Triangulation Point

Bench Mark Bench Mark (monumented) Telegraph Office Telephone Station

Radio Station Radio Tower Airfield or Seaplane Base Landing Strip

Telegraph/Telephone Lines Main Highway Highway under Construction Improved Dirt Road (former truck road)

Double-track Railroad with First Class Station Dismantled Railroad Railroad Under Construction

Shore Embankment River or Ditch with Embankment Direction and velocity of current Water Gauge Water Level Mark

Well Water Reservoir or Rain Water Pit Spring Isobath with value

Heavy (Index) Contour Line Contour Line and Value Half Contour Line Spot Elevation Value

Coniferous Deciduous Mixed Scrub

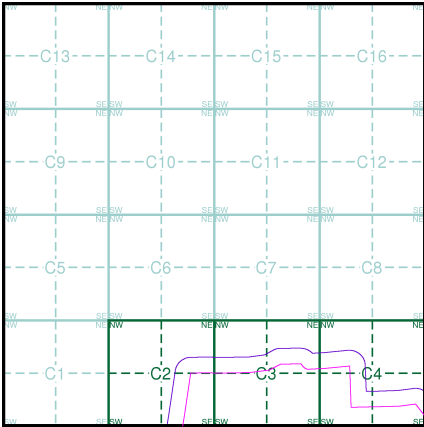
Key to Numbers on Mapping



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Sussex	1:10,560	1880	4
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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
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10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2019	21

Russian Map - Slice C



Order Details

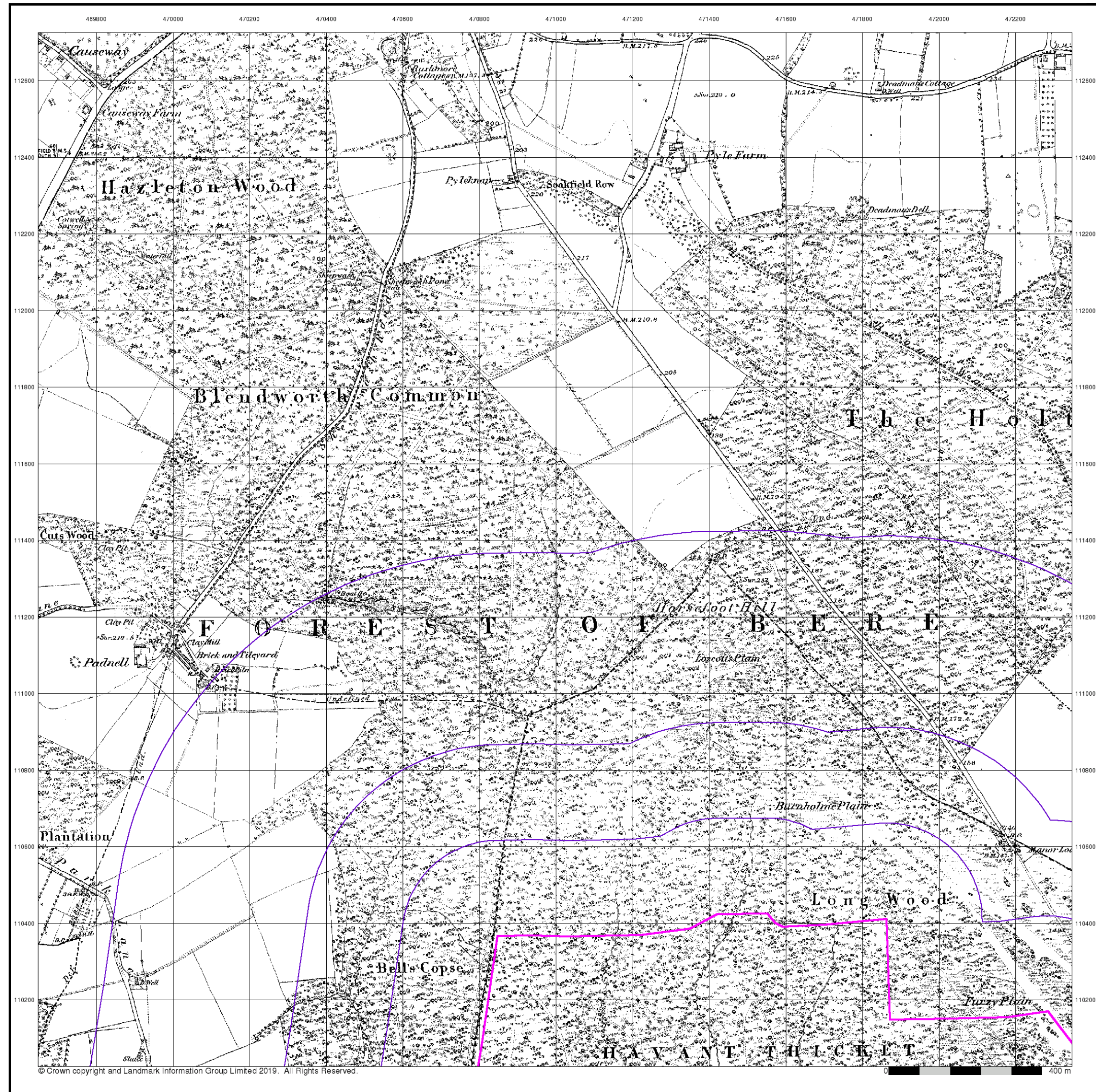
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Customer Ref: 5169117
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Slice: C
Site Area (Ha): 172.43
Search Buffer (m): 1000

Site Details

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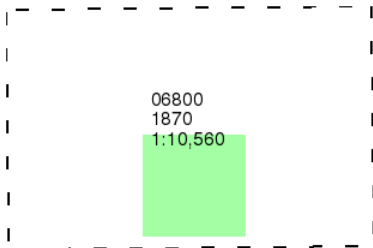
Hampshire & Isle Of Wight

Published 1870

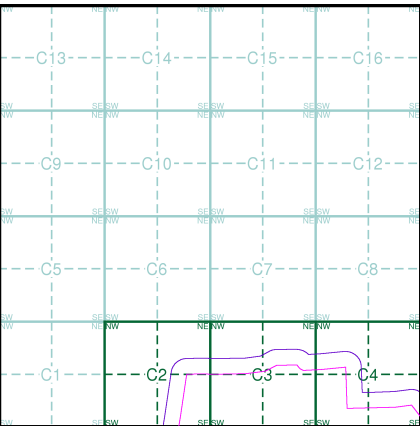
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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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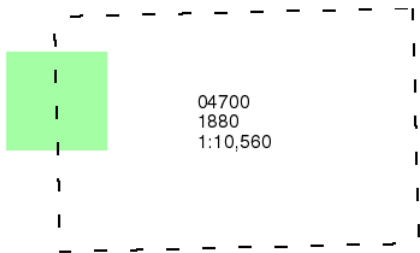
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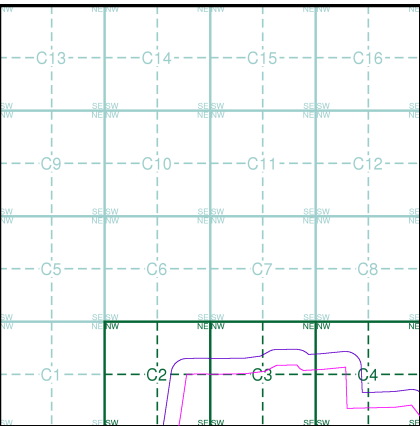
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Historical Map - Slice C

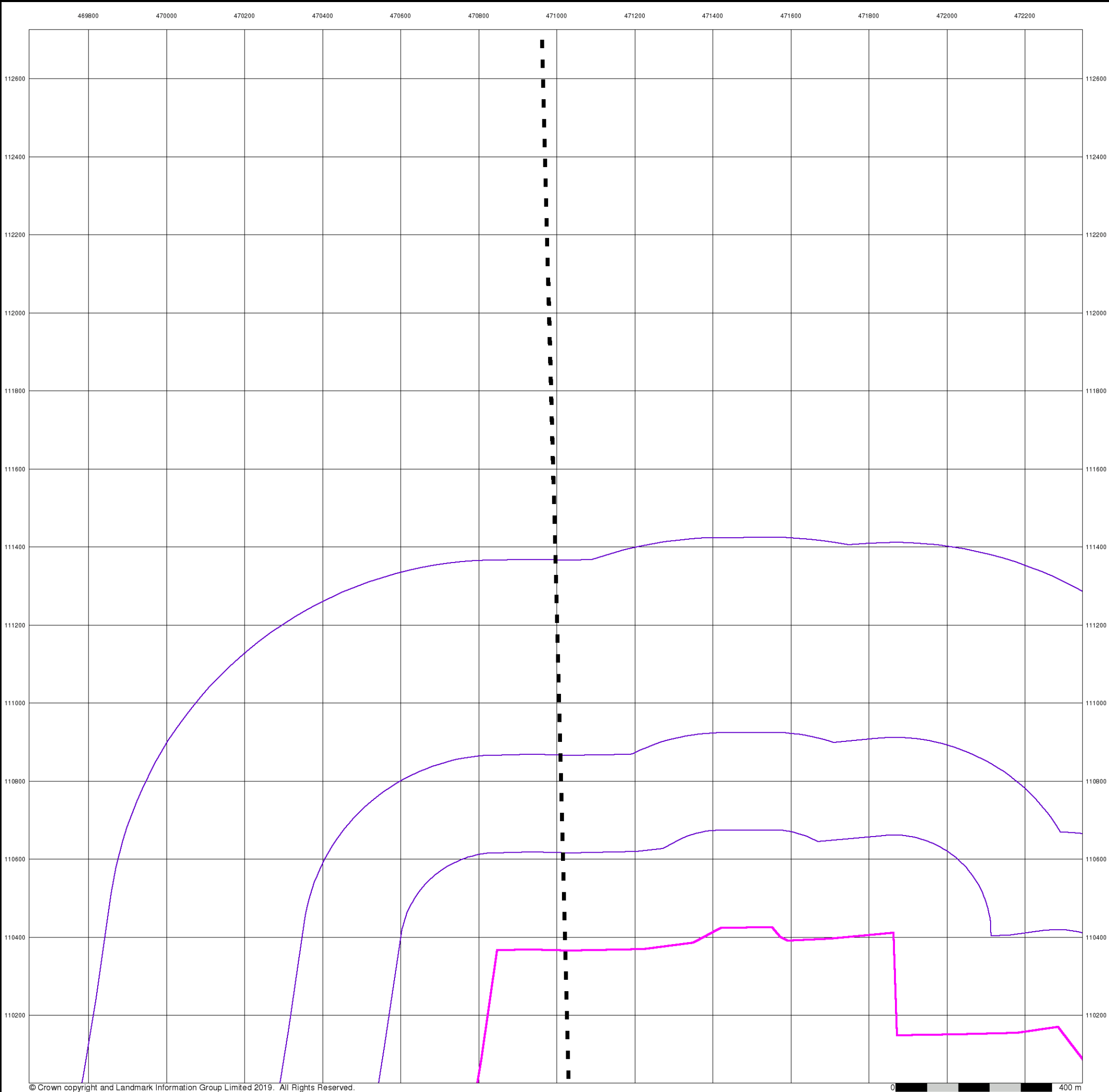


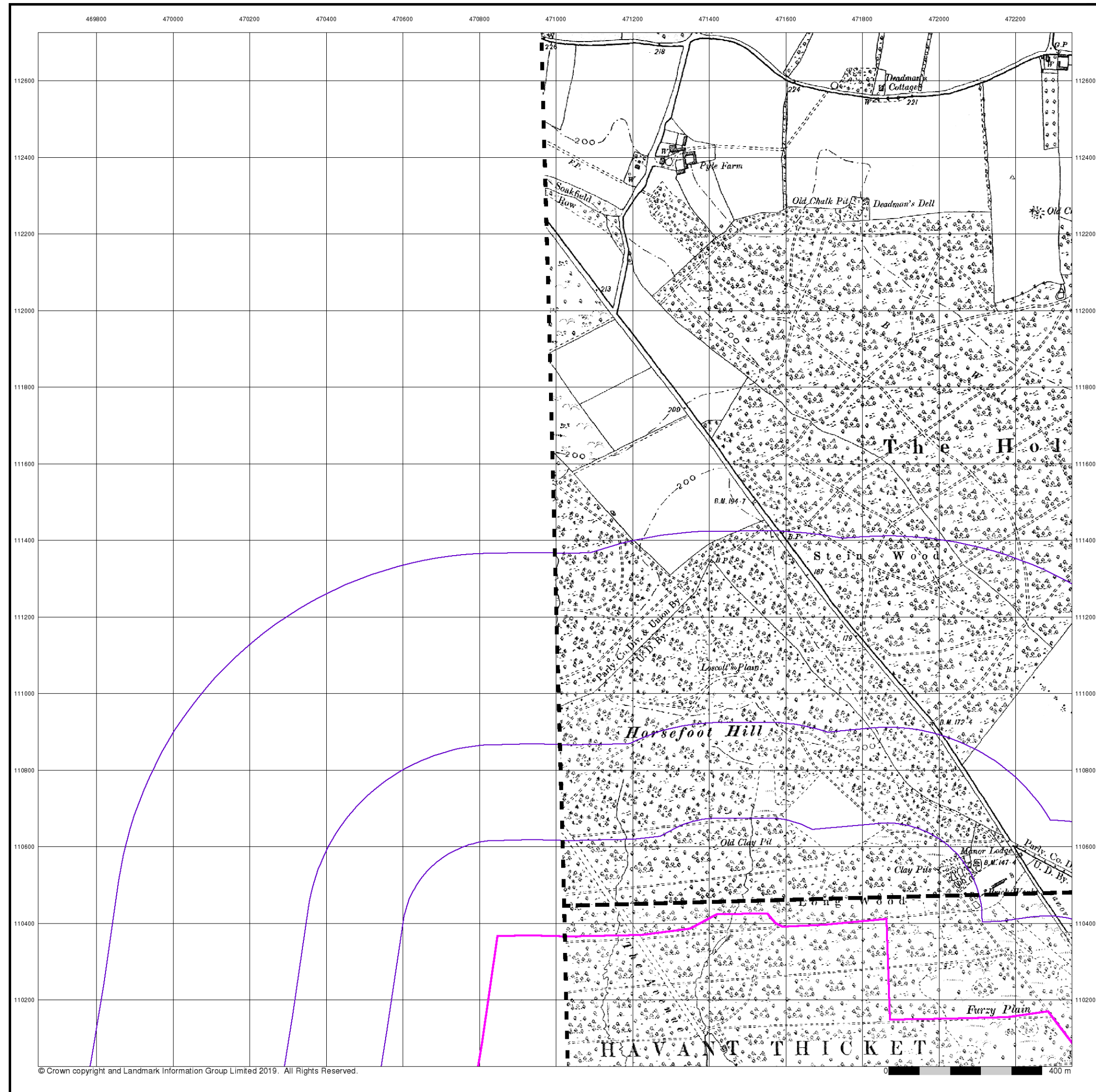
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Site Details

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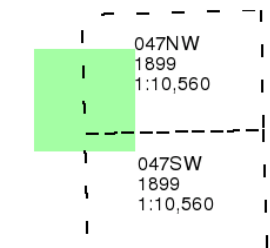
Sussex

Published 1899

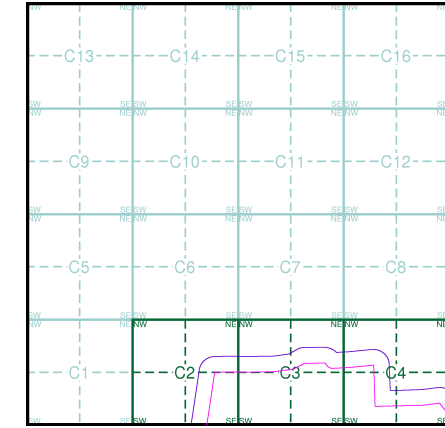
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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.

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Historical Map - Slice C



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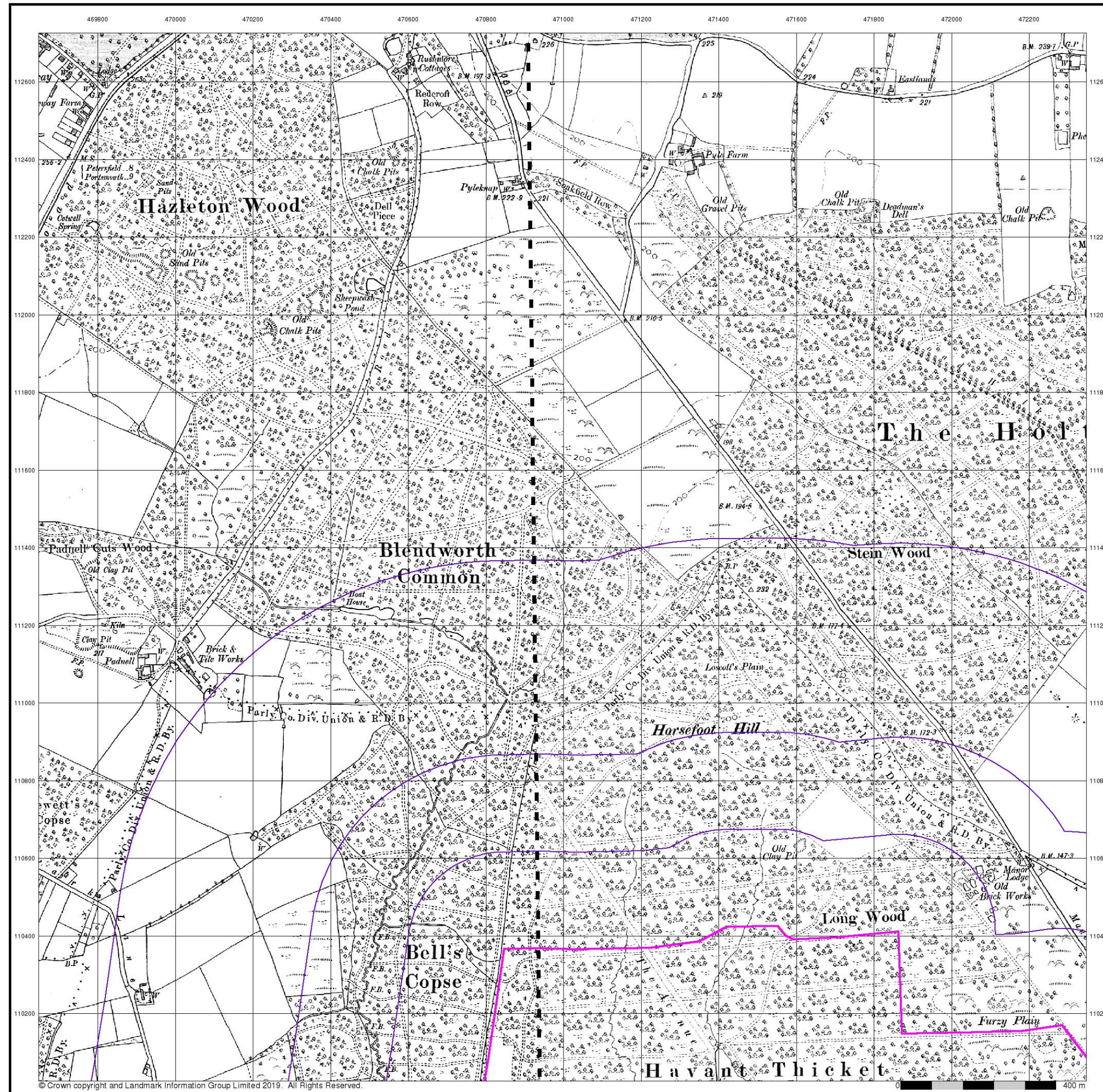
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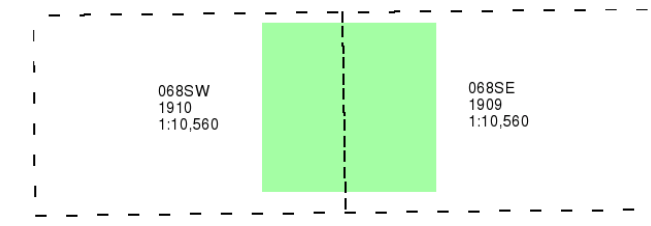
Hampshire & Isle Of Wight

Published 1909 - 1910

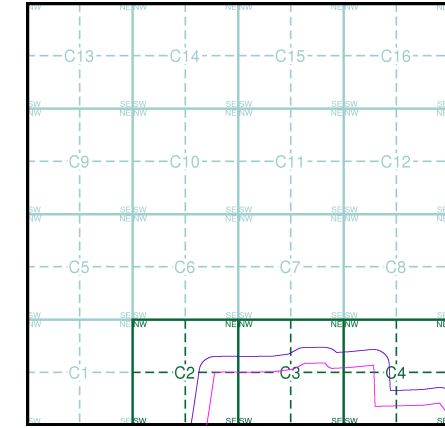
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Historical Map - Slice C



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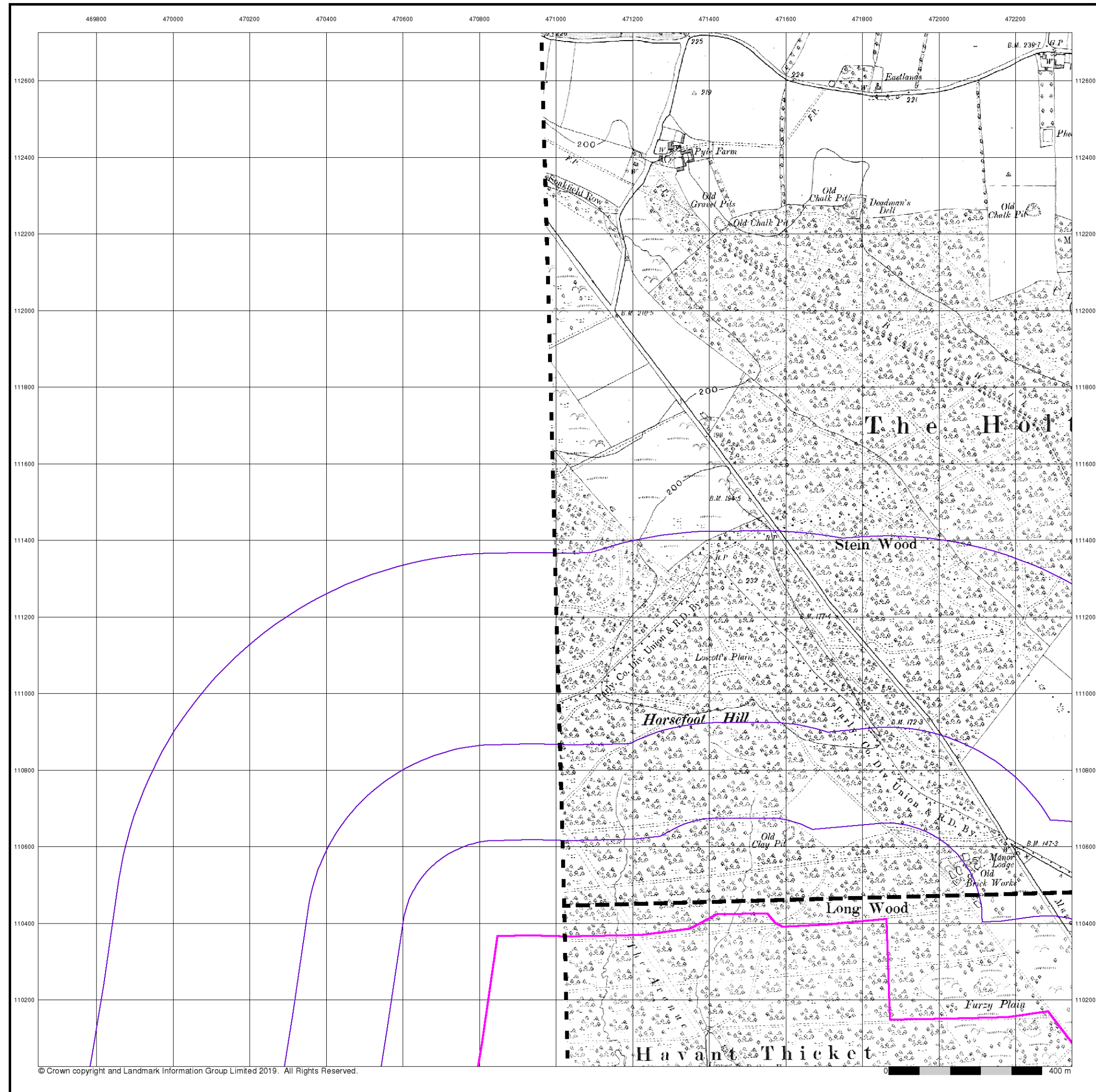
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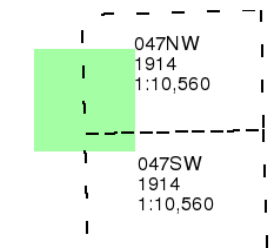
Sussex

Published 1914

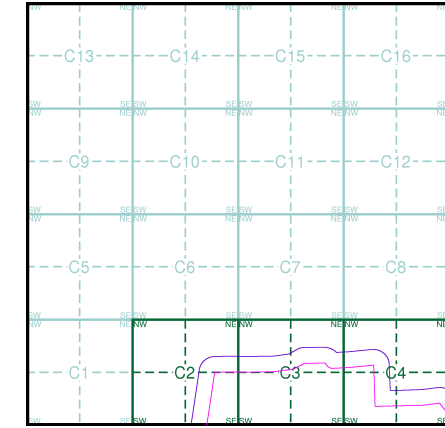
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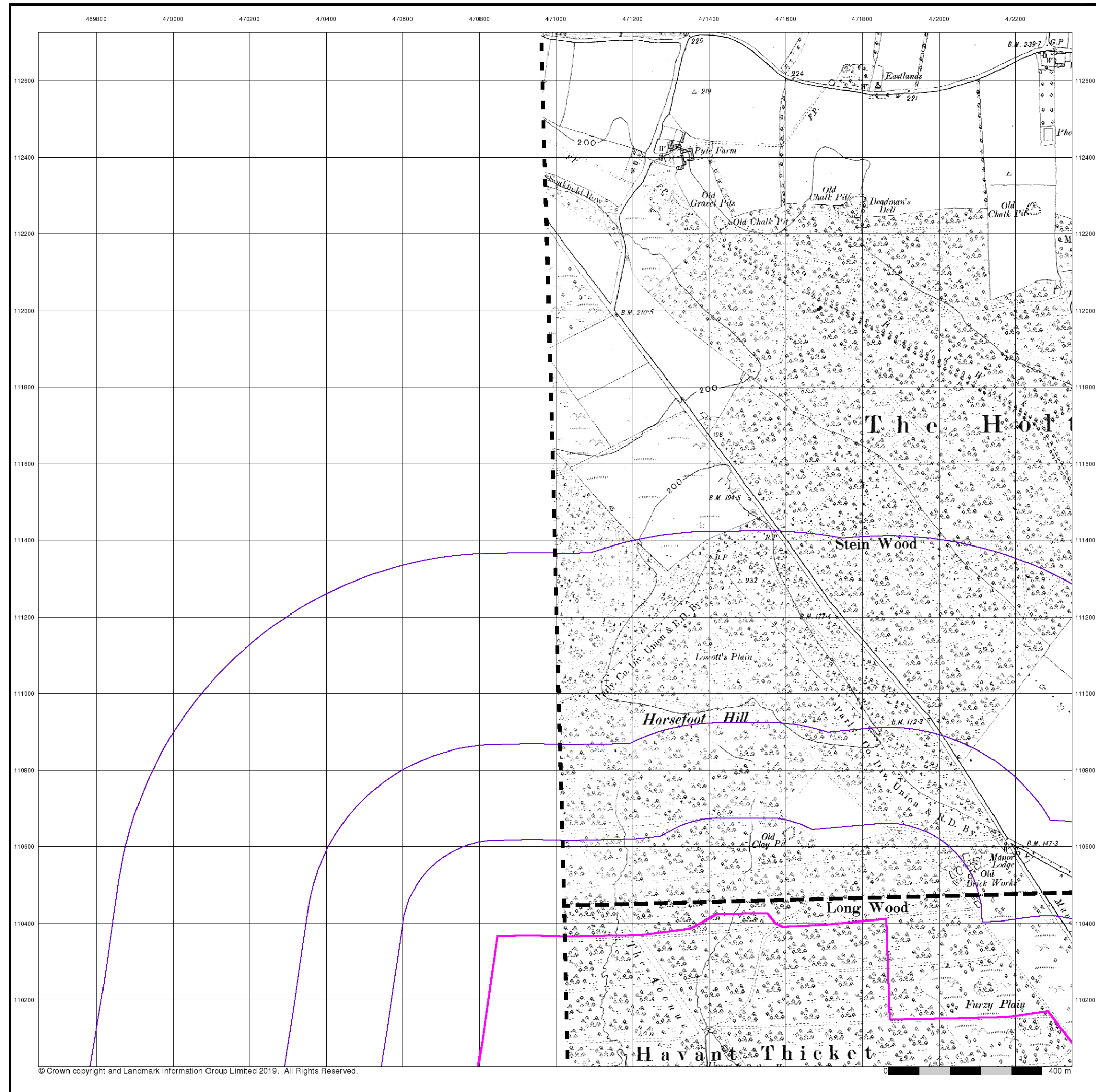
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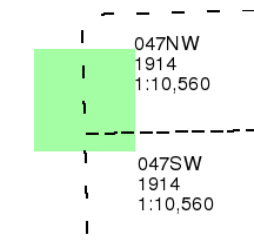
Sussex

Published 1914

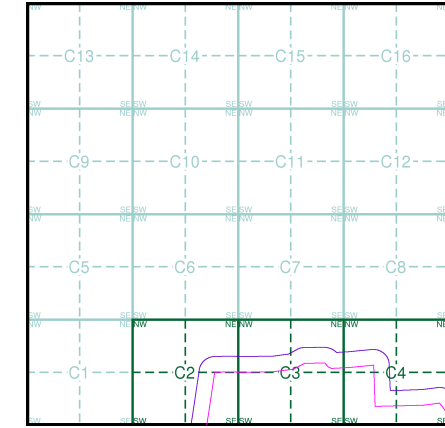
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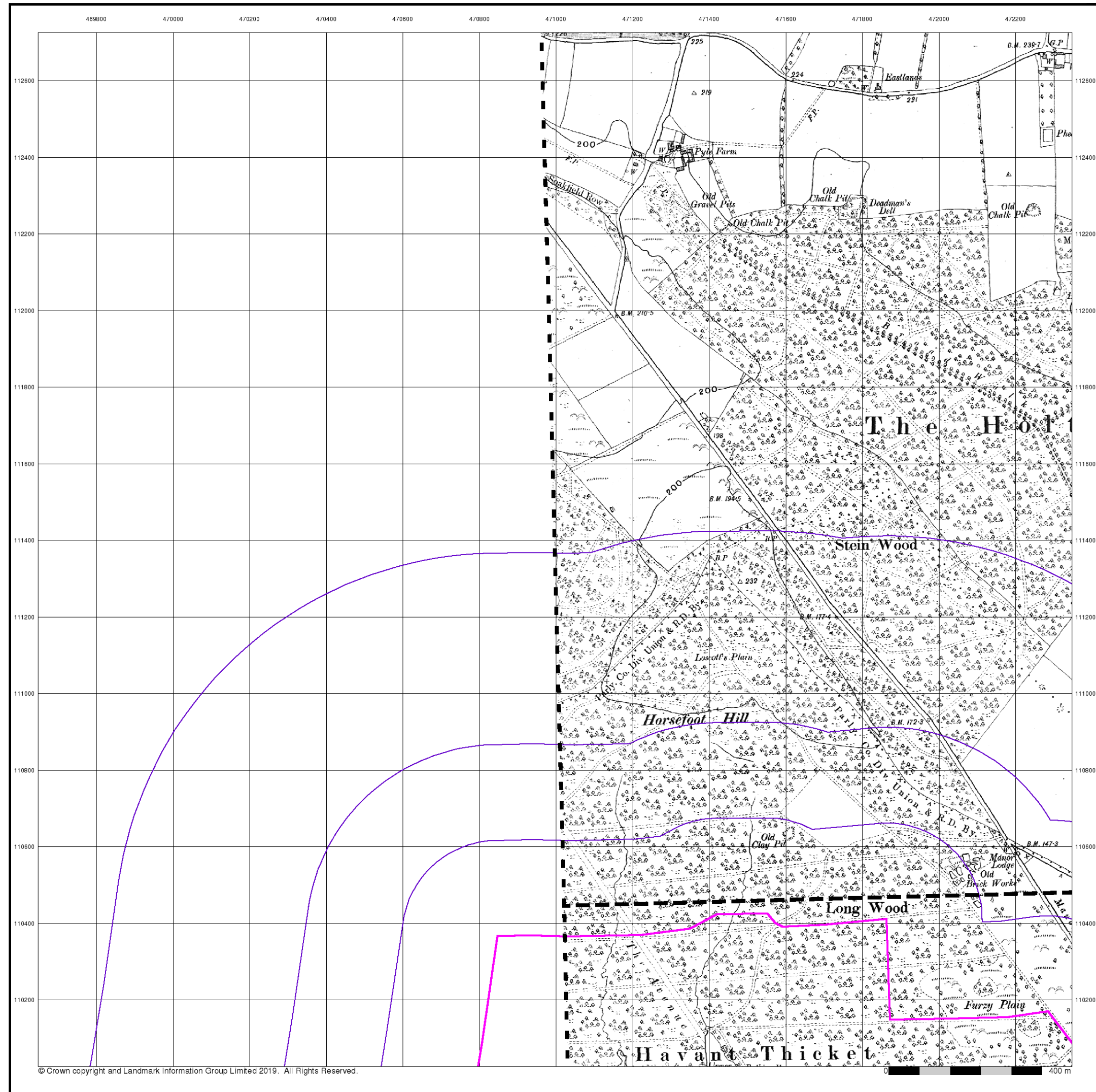
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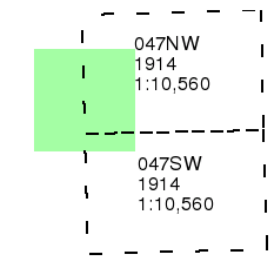
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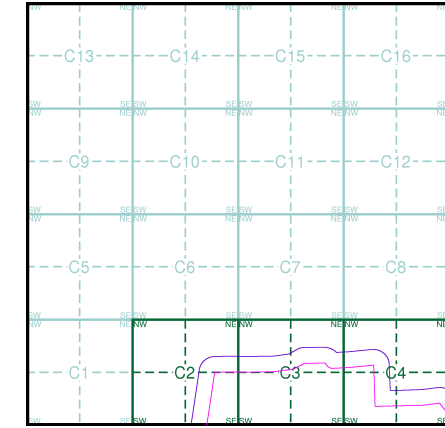
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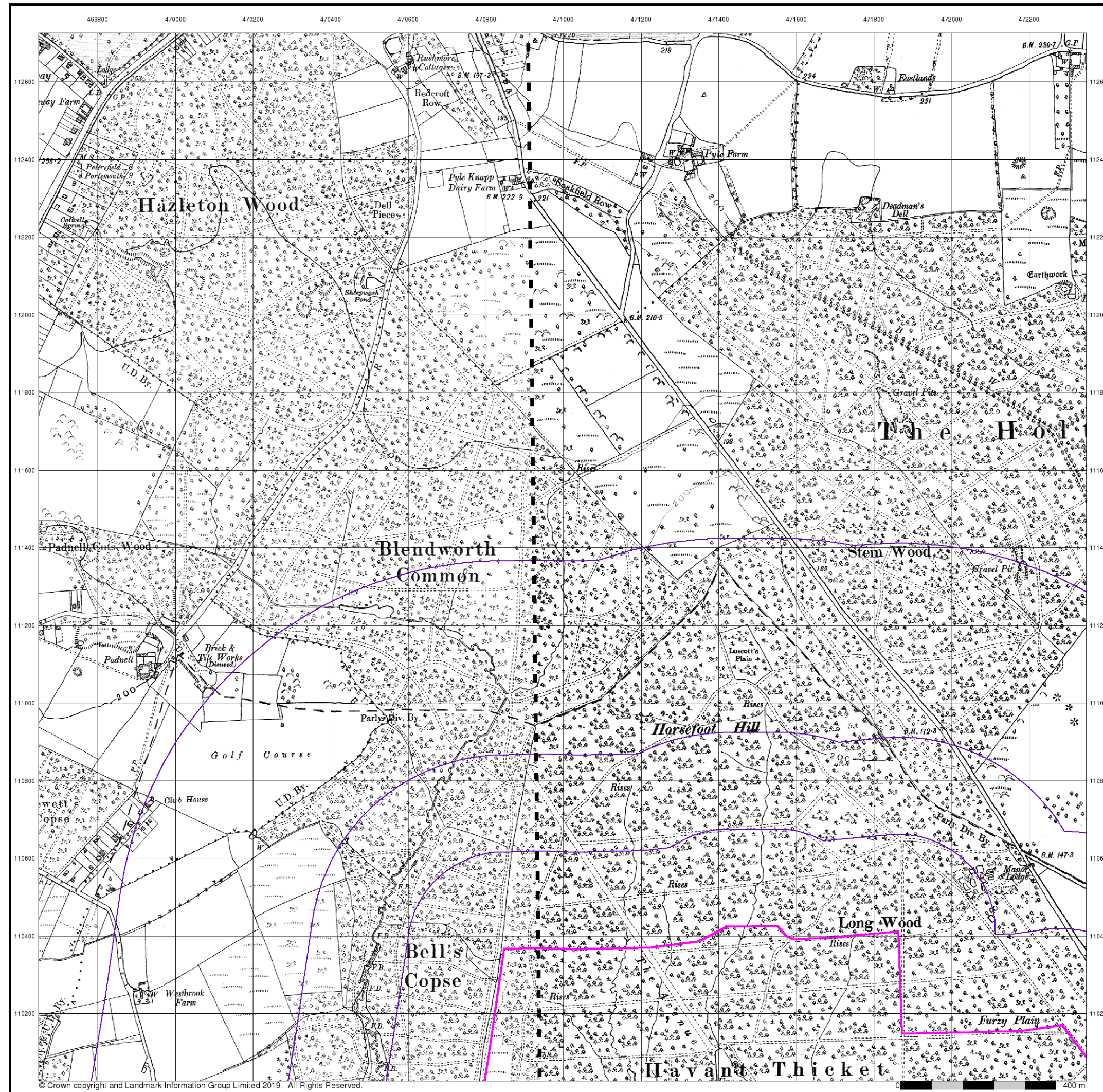
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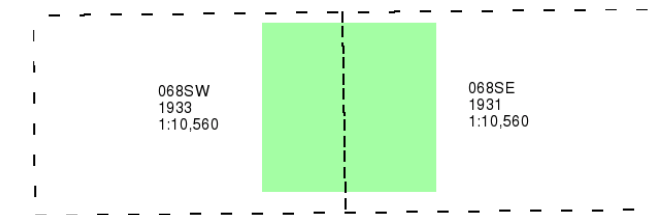
Hampshire & Isle Of Wight

Published 1931 - 1933

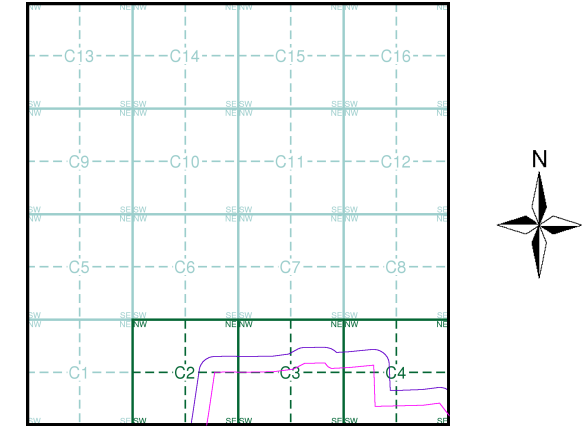
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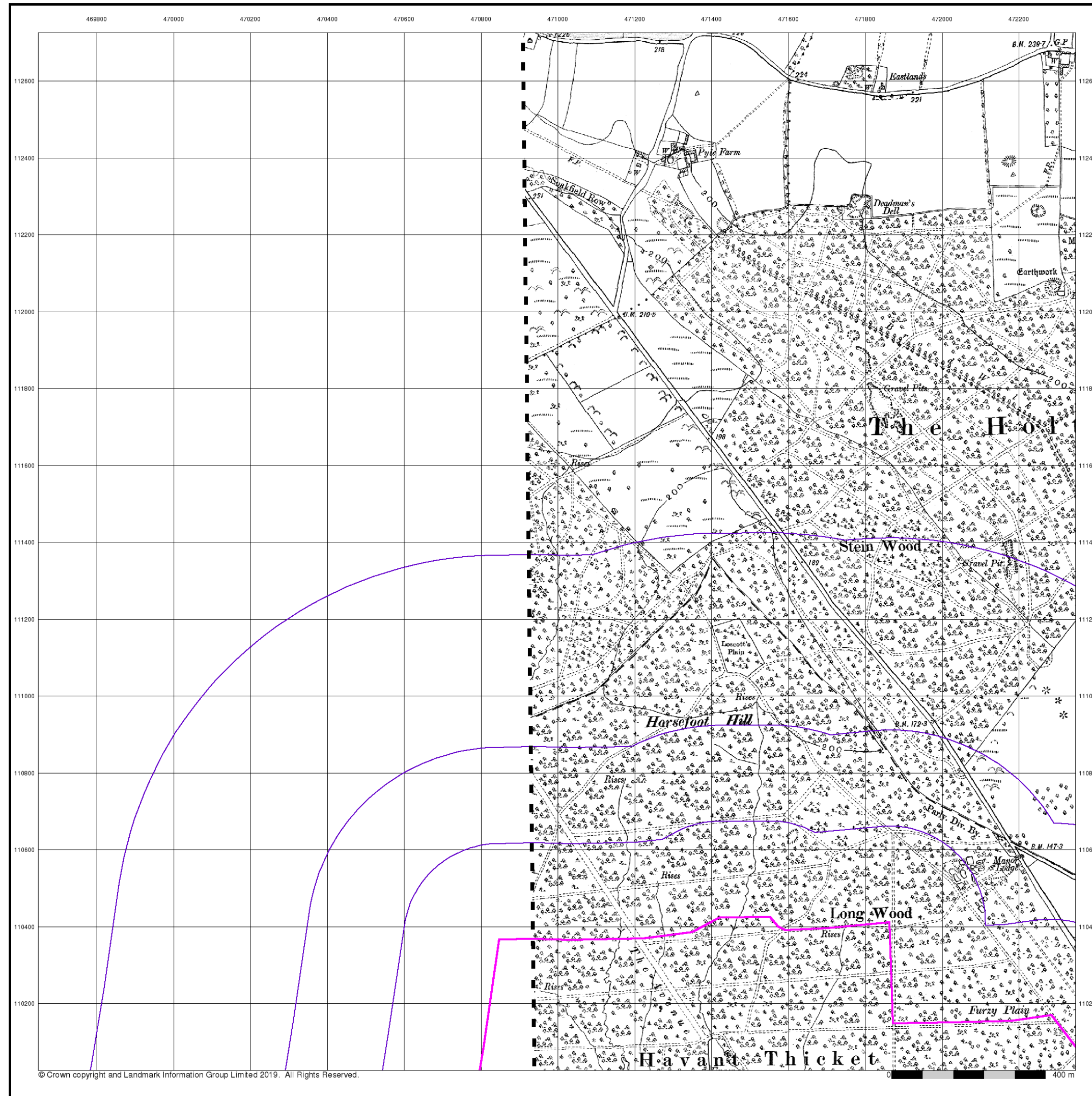
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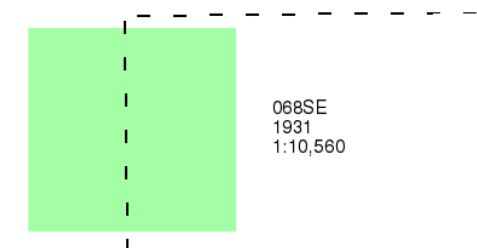
Hampshire & Isle Of Wight

Published 1931

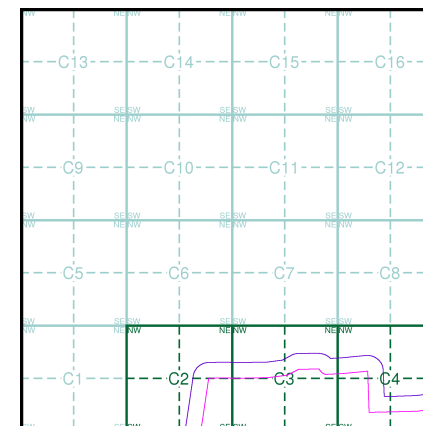
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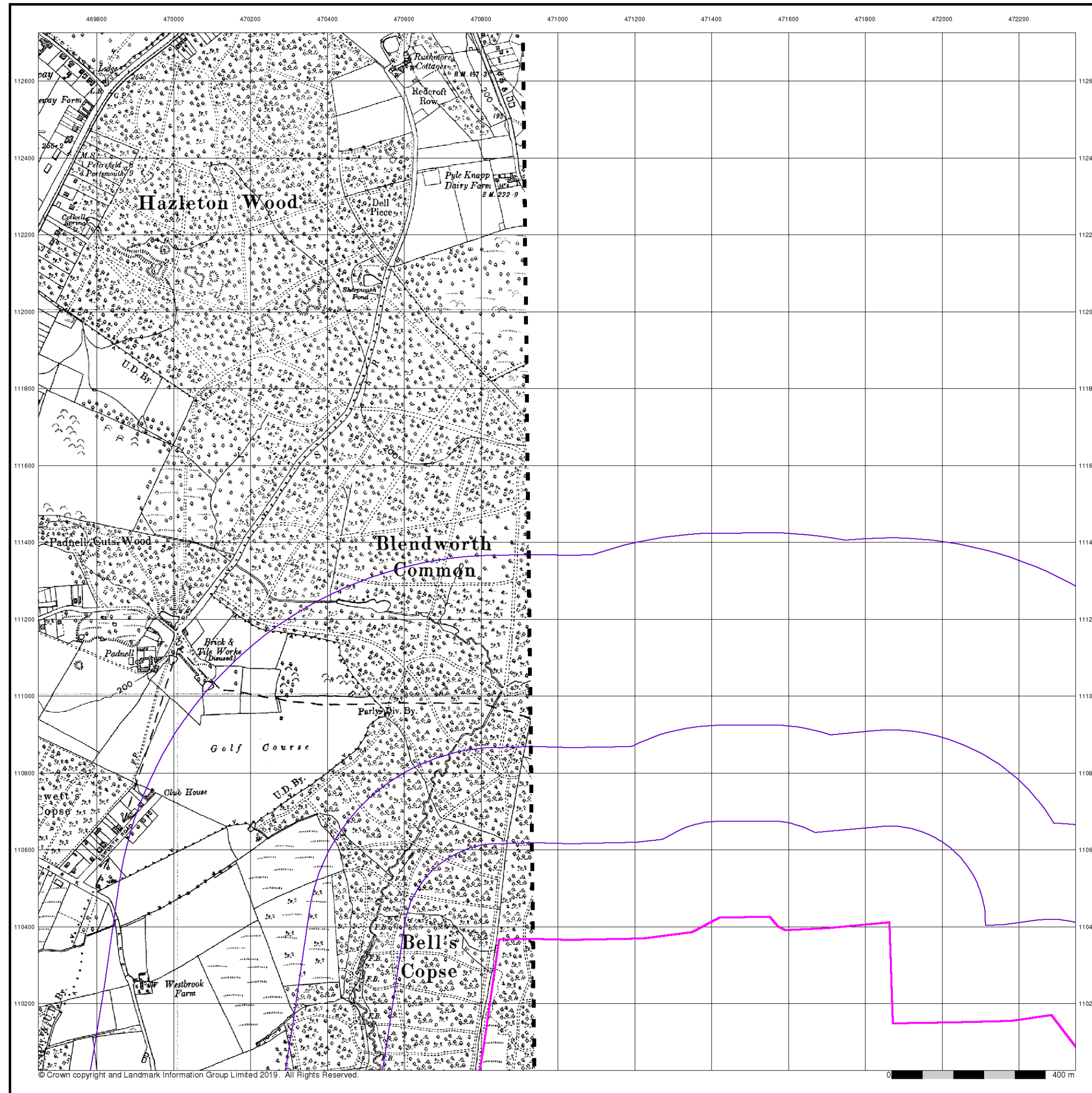
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Site Details

Site at 472000, 110000

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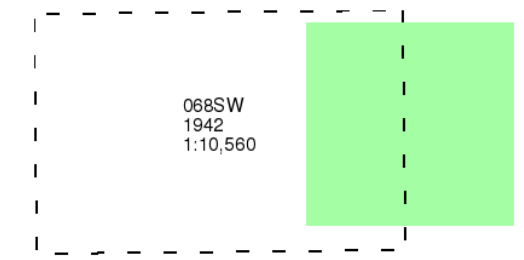
Hampshire & Isle Of Wight

Published 1942

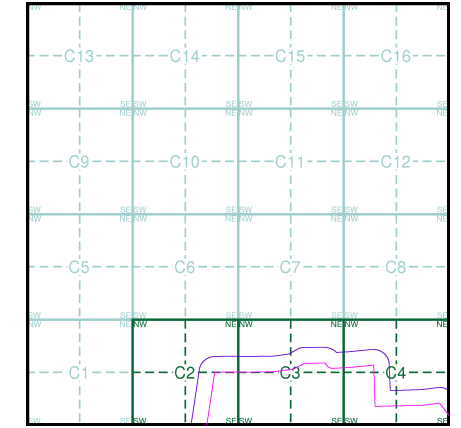
Source map scale - 1:10,560

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



Order Details

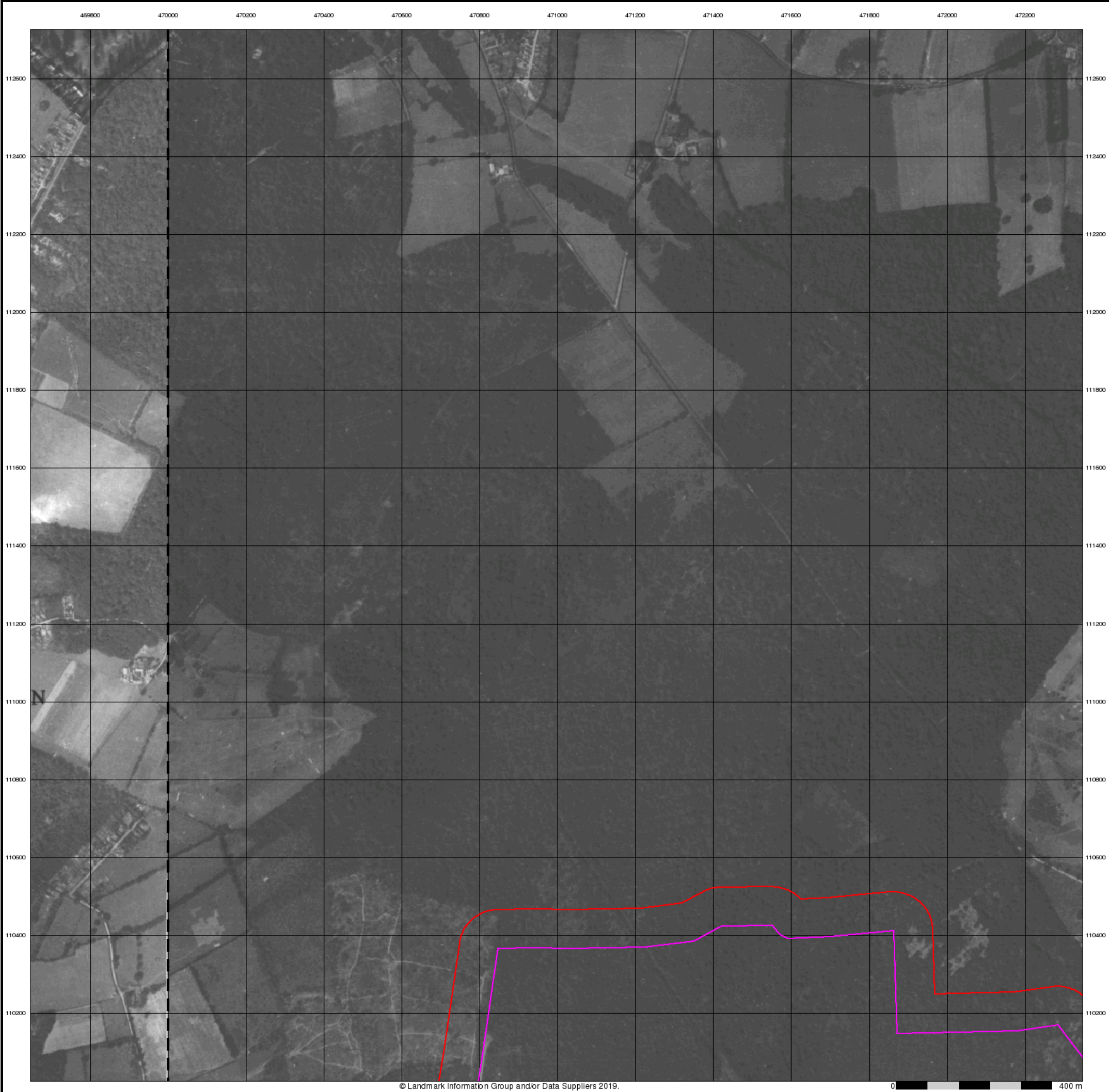
Order Number: 202069335_1_1
Customer Ref: 5169117
National Grid Reference: 471170, 110670
Slice: C
Site Area (Ha): 172.43
Search Buffer (m): 1000

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Historical Aerial Photography

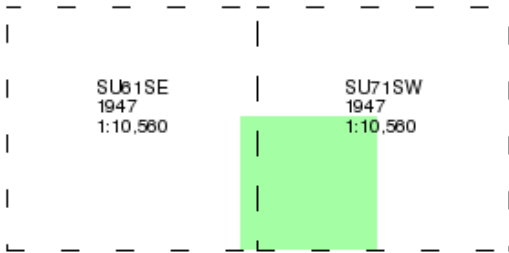
Published 1947

Source map scale - 1:10,560

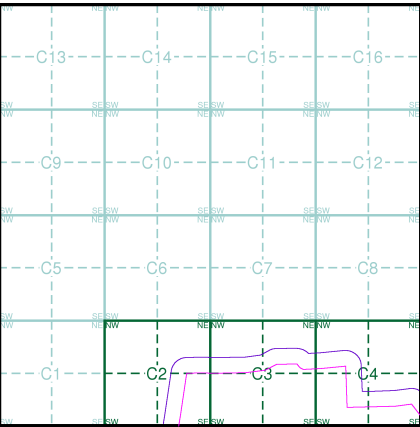
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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 C



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Order Details

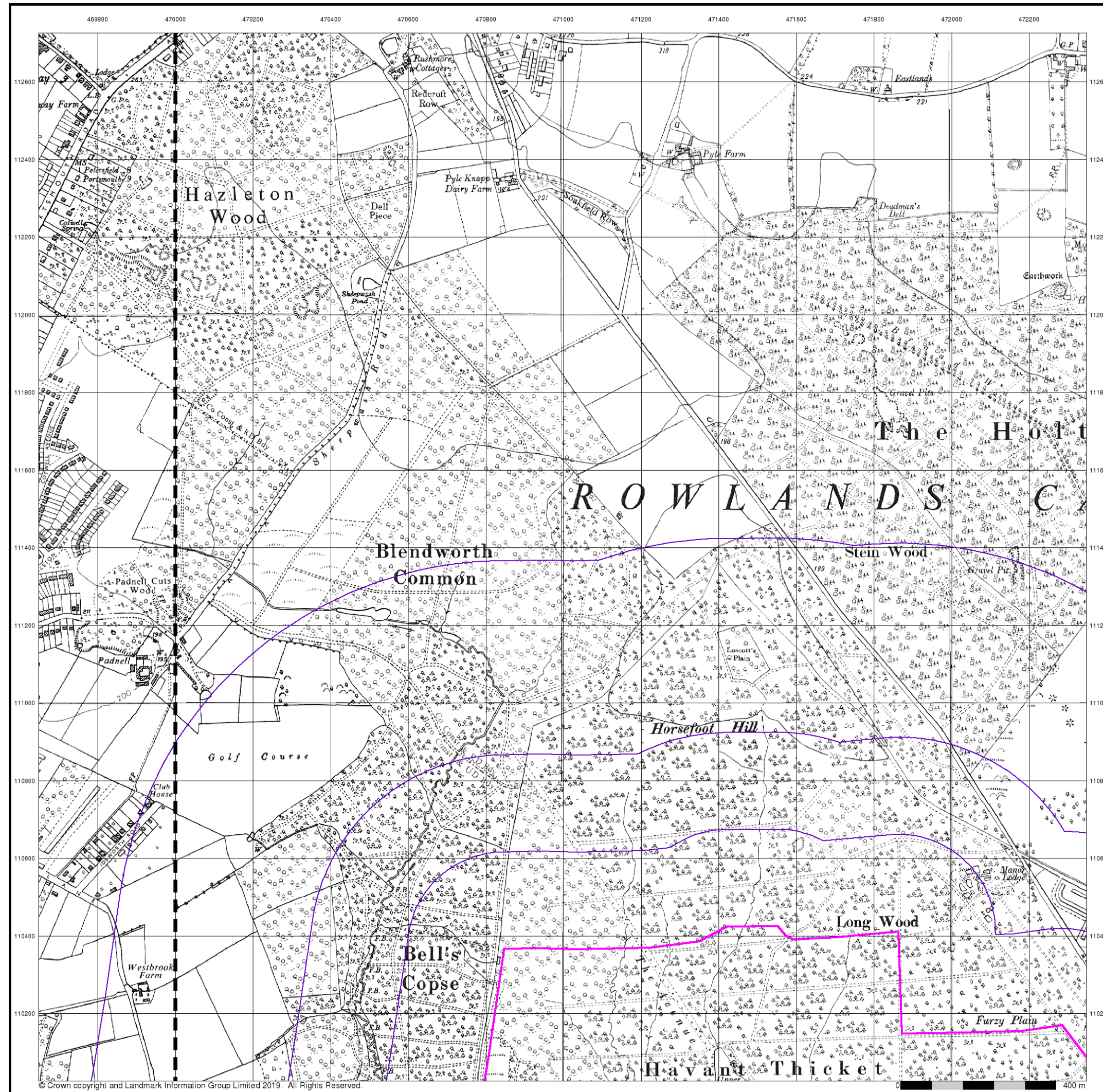
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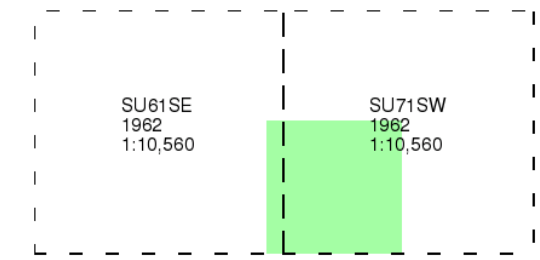
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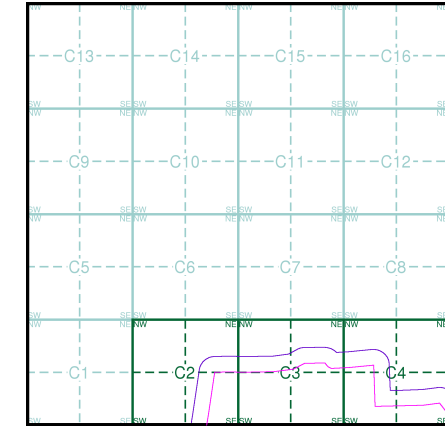
Ordnance Survey Plan
Published 1962
Source map scale - 1:10,000

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.

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Historical Map - Slice C



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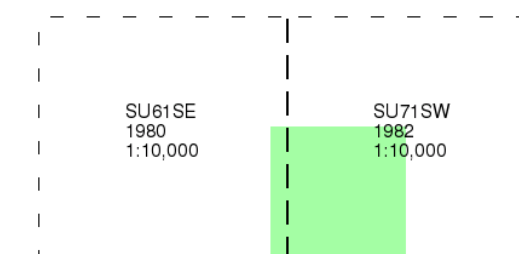
Ordnance Survey Plan

Published 1980 - 1982

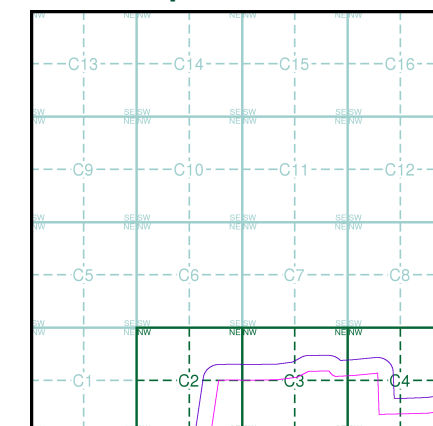
Source map scale - 1:10,000

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.

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Historical Map - Slice C

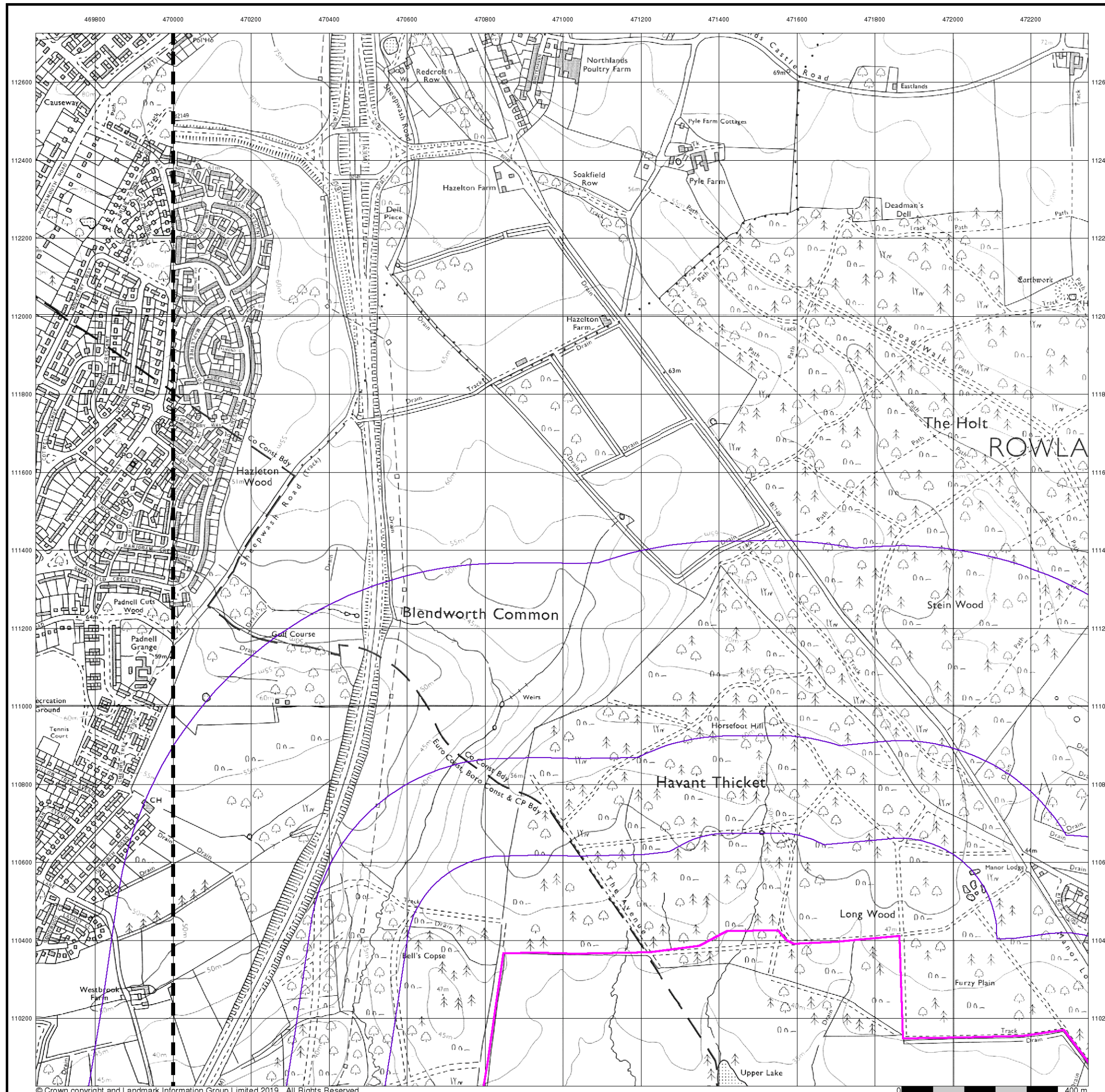


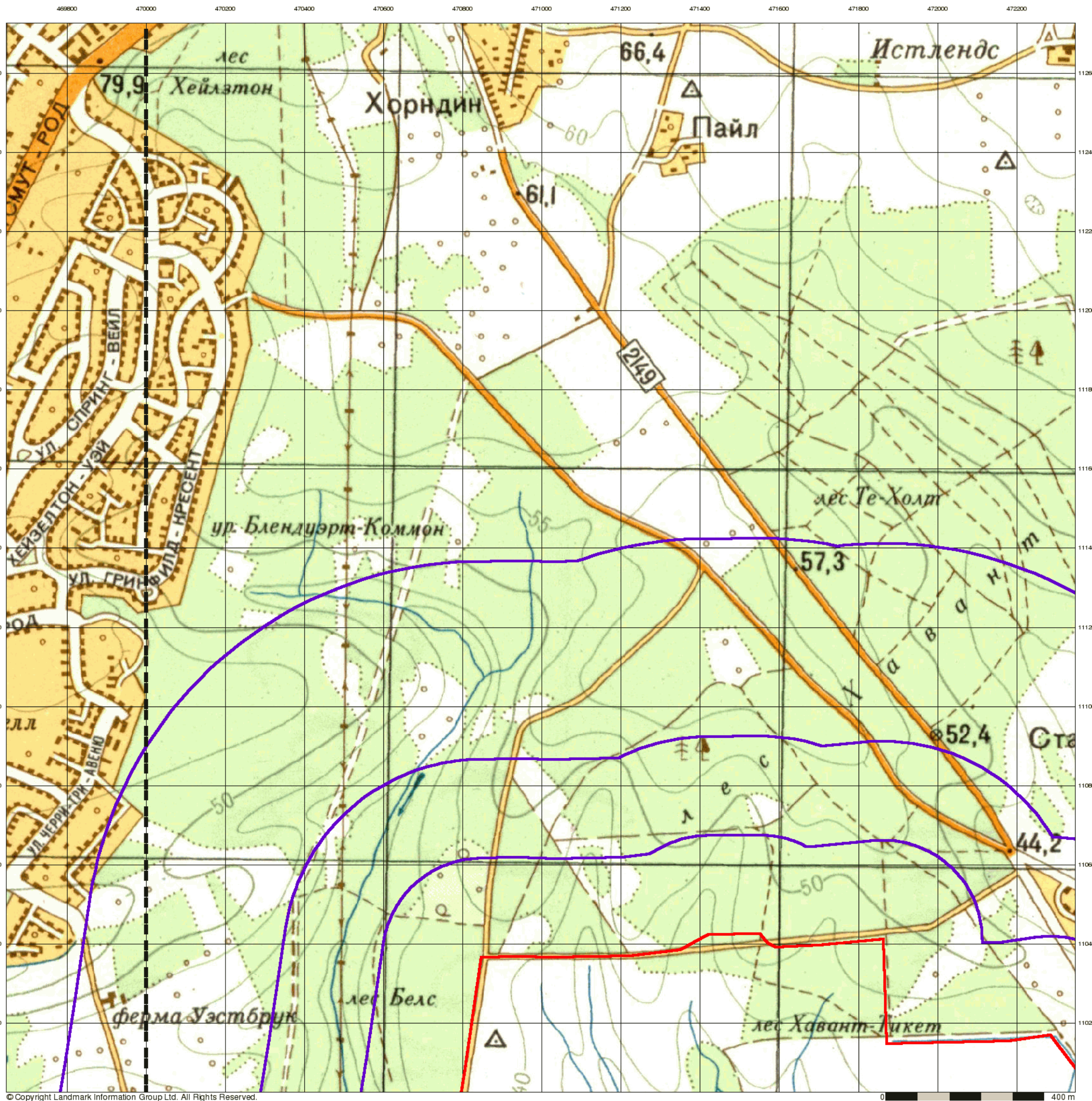
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Published 1983

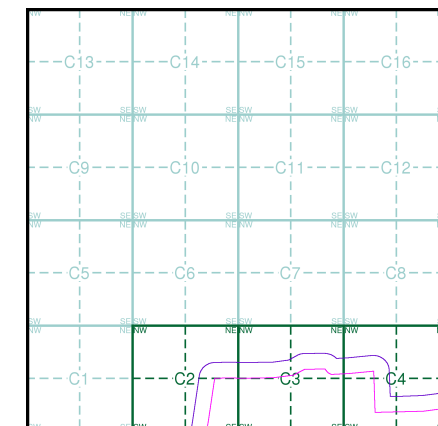
Source map scale - 1:25,000

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)

SU61 1983 1:25,000	SU71 1983 1:25,000

Russian Map - Slice C



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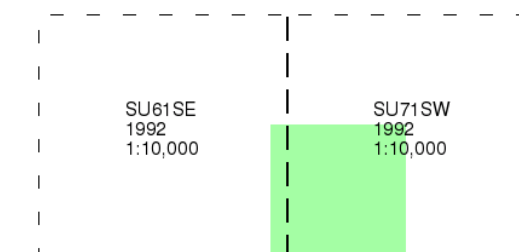
Ordnance Survey Plan

Published 1992

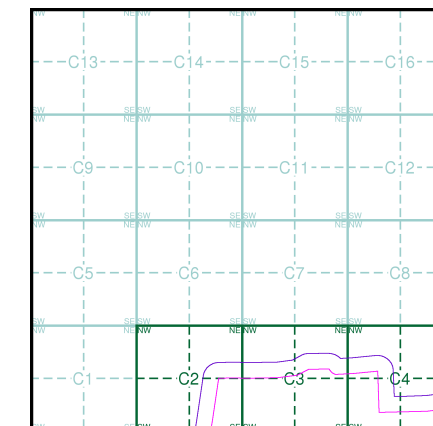
Source map scale - 1:10,000

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.

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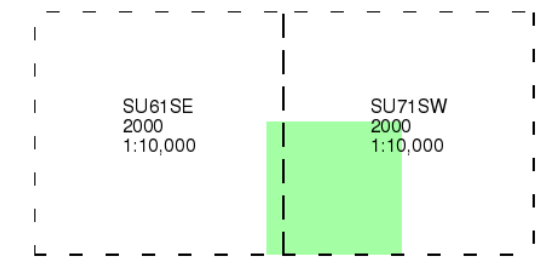


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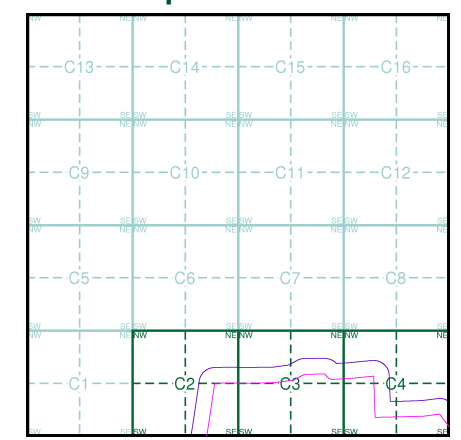
10k Raster Mapping
Published 2000
Source map scale - 1:10,000

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



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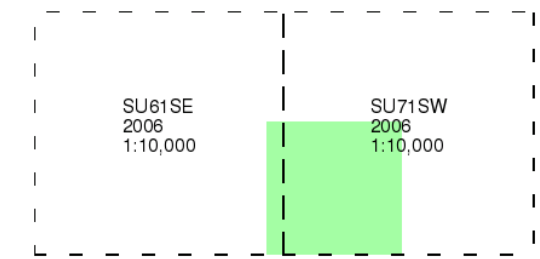


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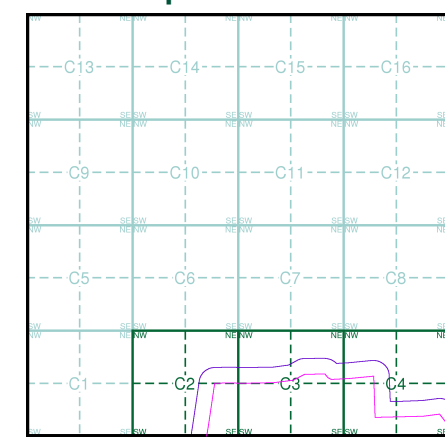
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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

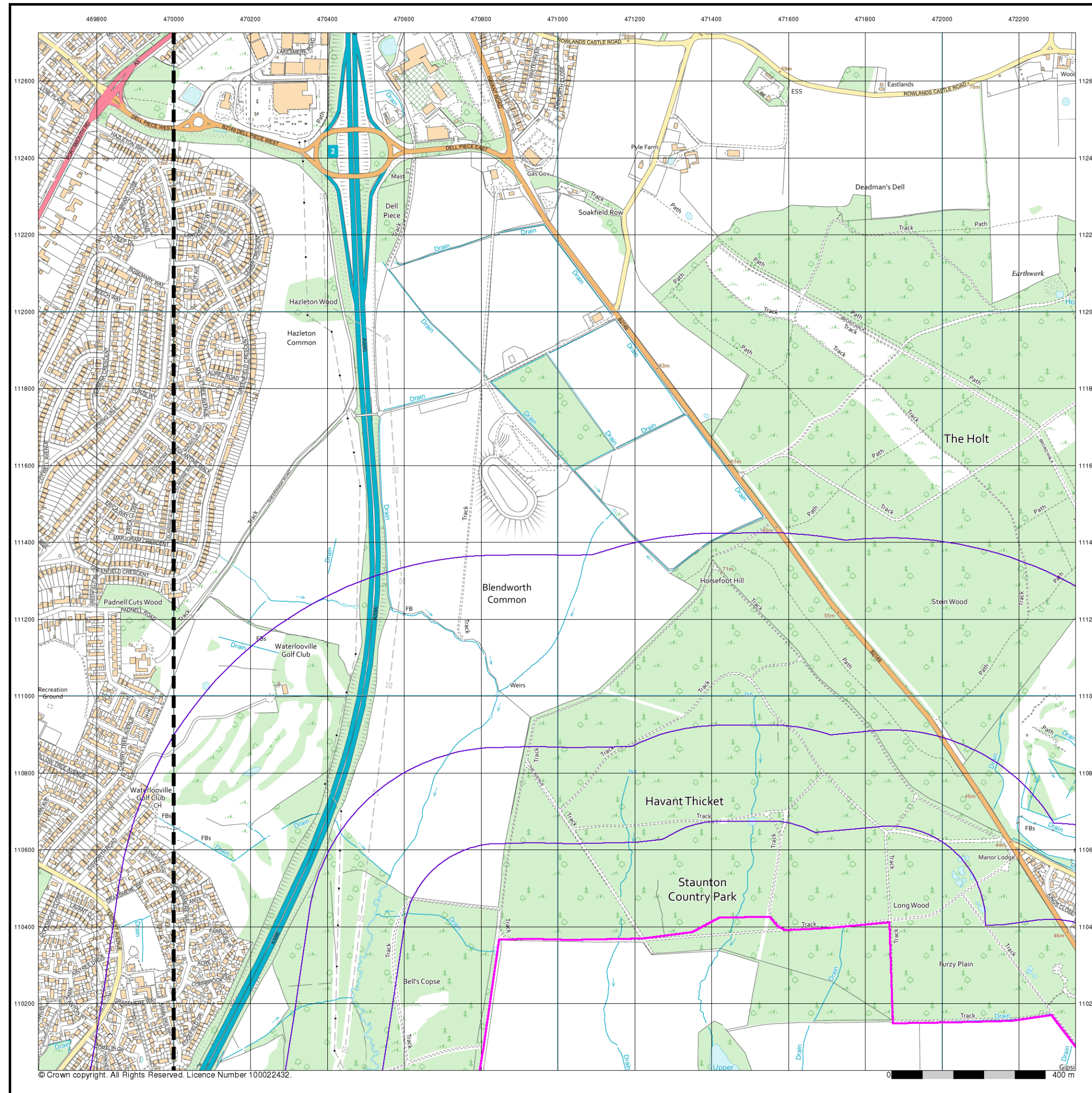
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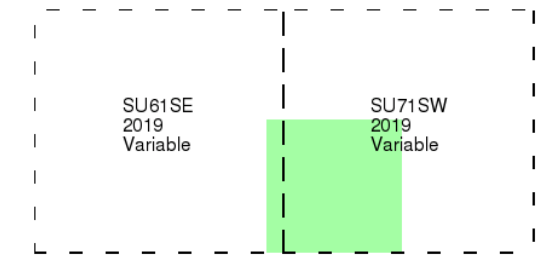
VectorMap Local

Published 2019

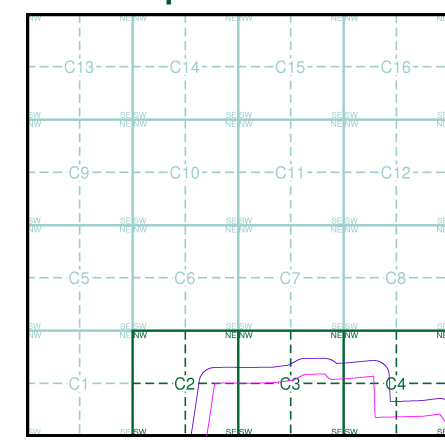
Source map scale - 1:10,000

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).

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