

Index Map

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

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

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

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

A selection of organisations who provide data within this report:



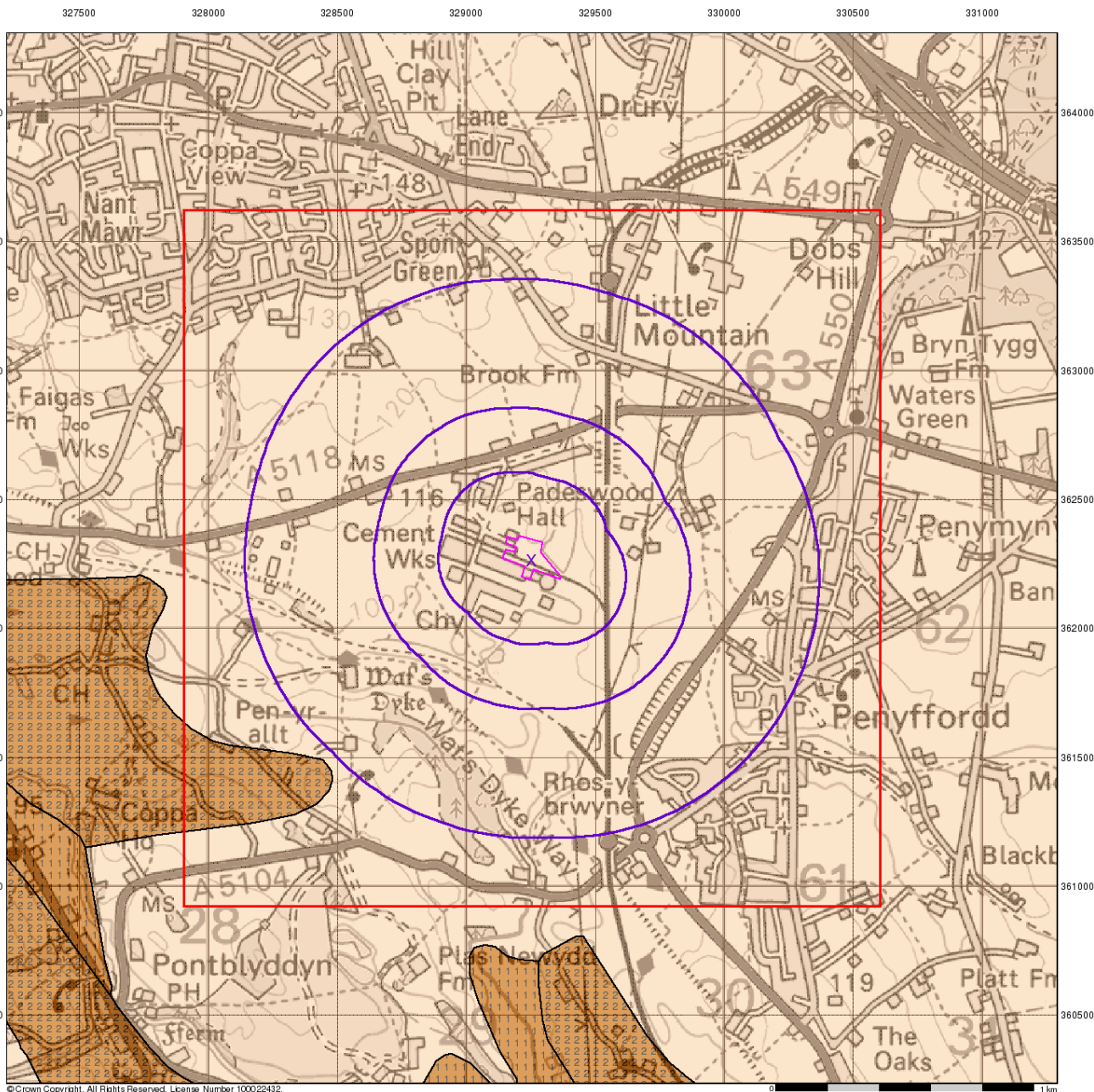
Envirocheck reports are compiled from 136 different sources of data.

Client Details
Ms H Clewes, Golder Associates UK Ltd, Cavendish House, Bourne End Business Park, Cores End Road, Bourne End, Buckinghamshire, SL8 5AS

Order Details
Order Number: 115921196_1_1
Customer Ref: 1773079
National Grid Reference: 329250, 362270
Site Area (Ha): 1.89
Search Buffer (m): 1000

Site Details
Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

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



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Groundwater Vulnerability

General

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

Agency and Geological

Geological Classes

Major Aquifer (Highly Permeable)

Minor Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

Water or Sea

Drift Deposit

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

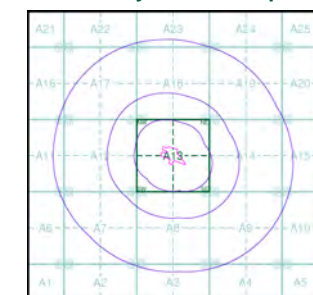
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Site Sensitivity Context Map - Slice A



Order Details

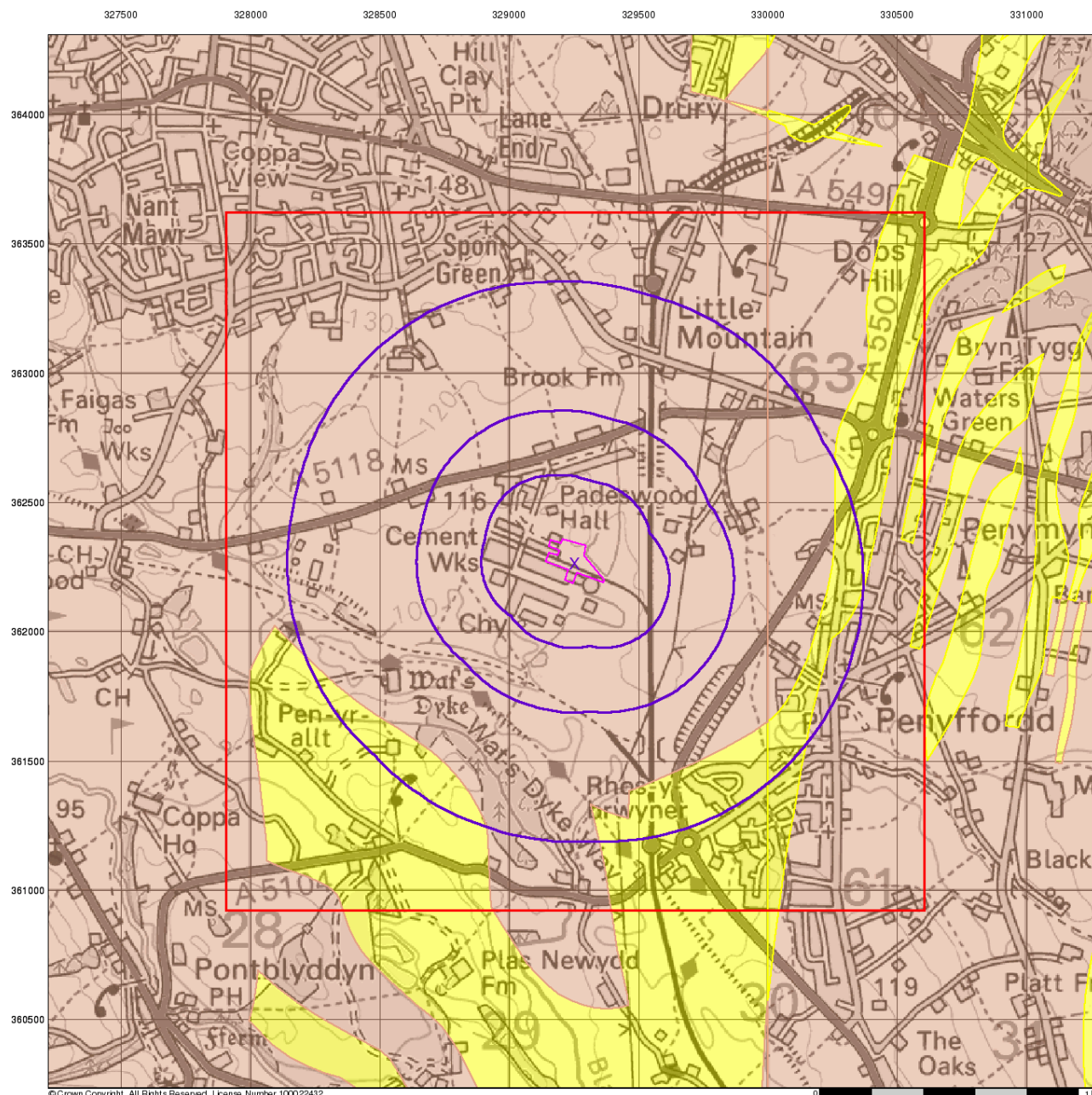
Order Number: 115921196_1_1
 Customer Ref: 1773079
 National Grid Reference: 329250, 362260
 Slice: A
 Site Area (Ha): 1.89
 Search Buffer (m): 1000

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

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0 1 km

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Bedrock Aquifer Designation

General

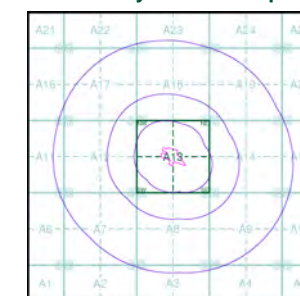
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

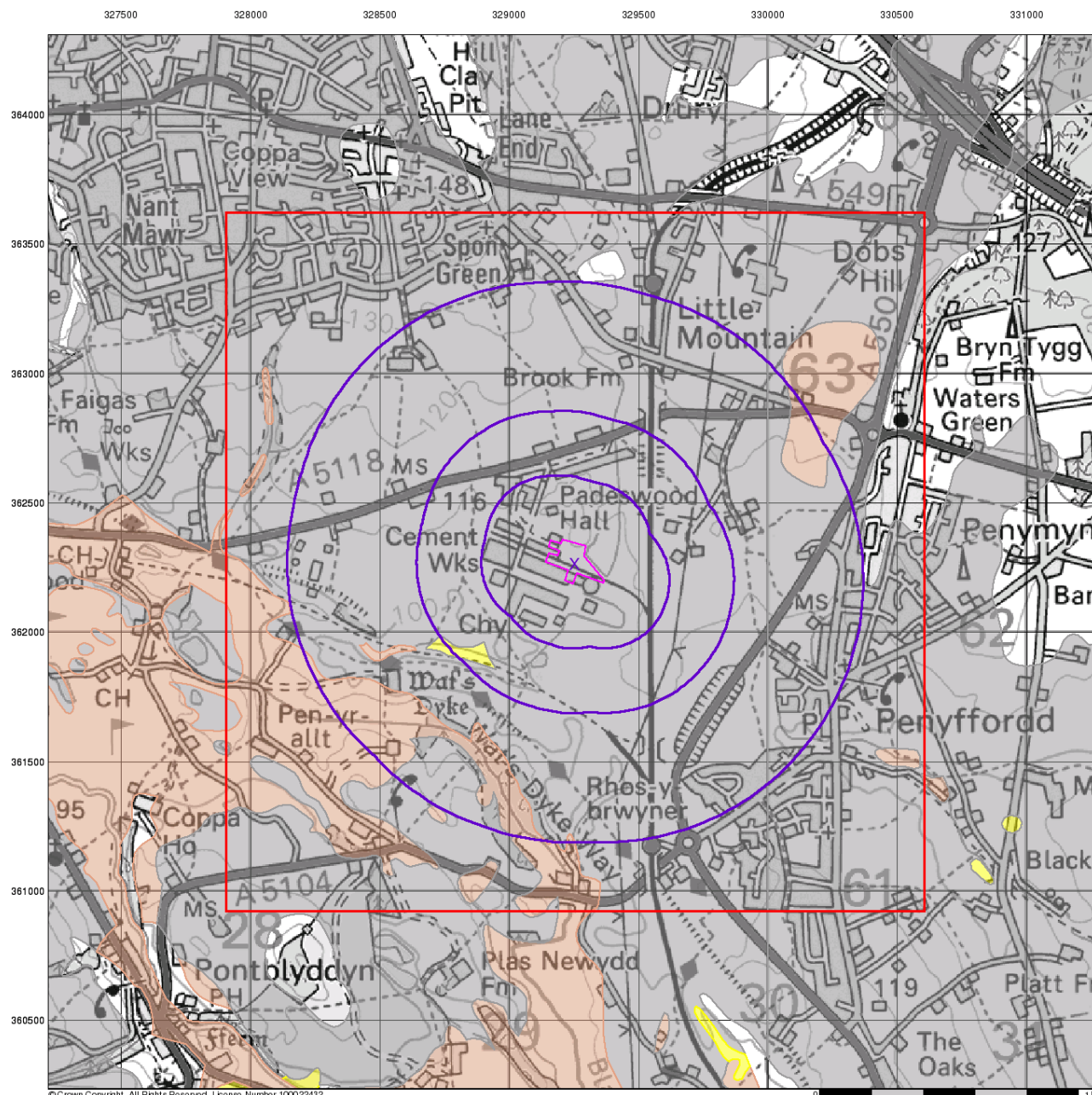
Order Number: 115921196_1_1
 Customer Ref: 1773079
 National Grid Reference: 329250, 362260
 Slice: A
 Site Area (Ha): 1.89
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

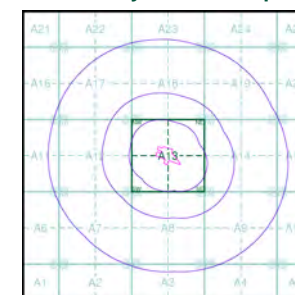
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

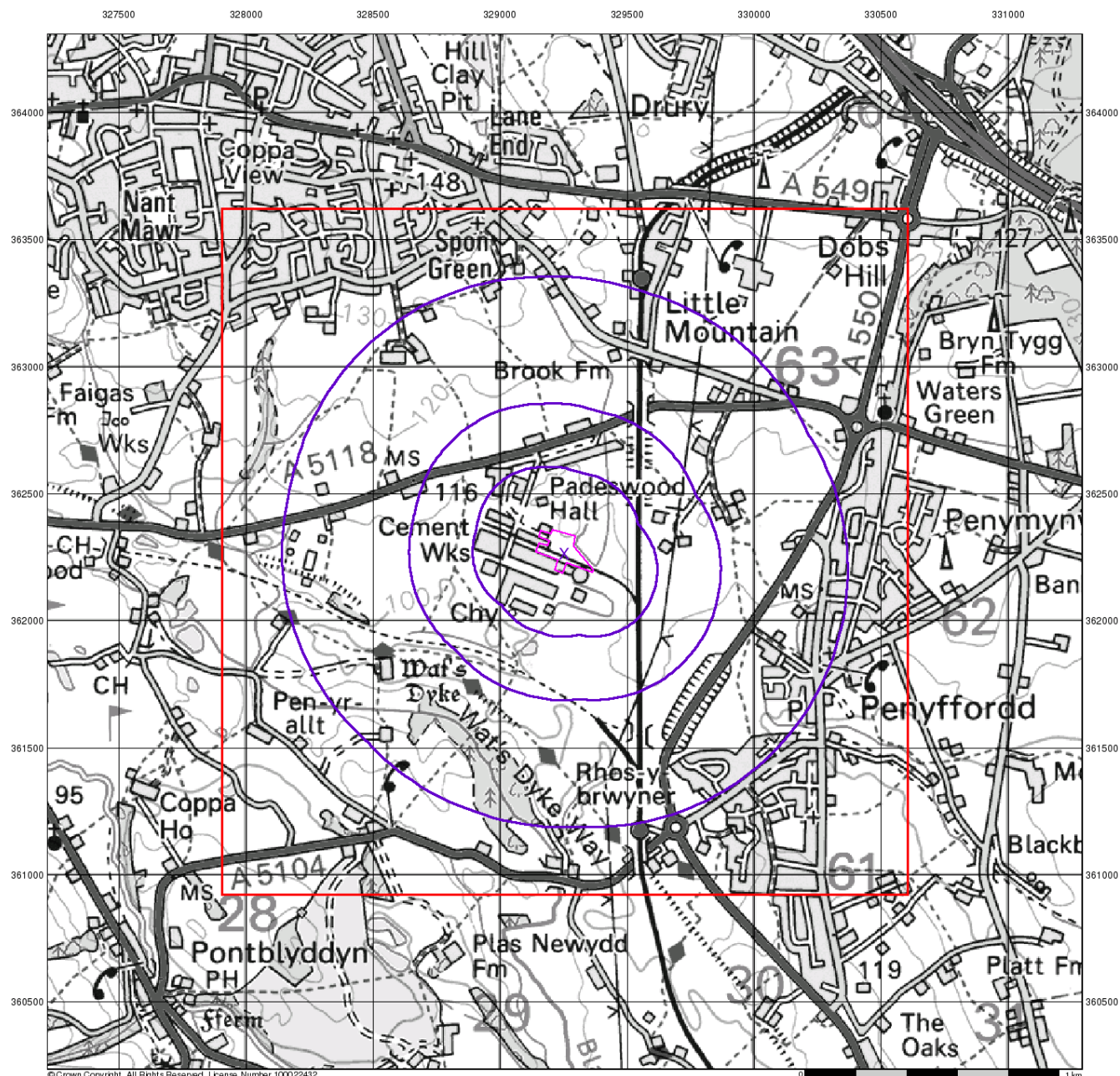
Order Number: 115921196_1_1
 Customer Ref: 1773079
 National Grid Reference: 329250, 362260
 Slice: A
 Site Area (Ha): 1.89
 Search Buffer (m): 1000

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

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Source Protection Zones

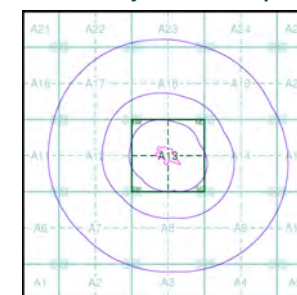
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

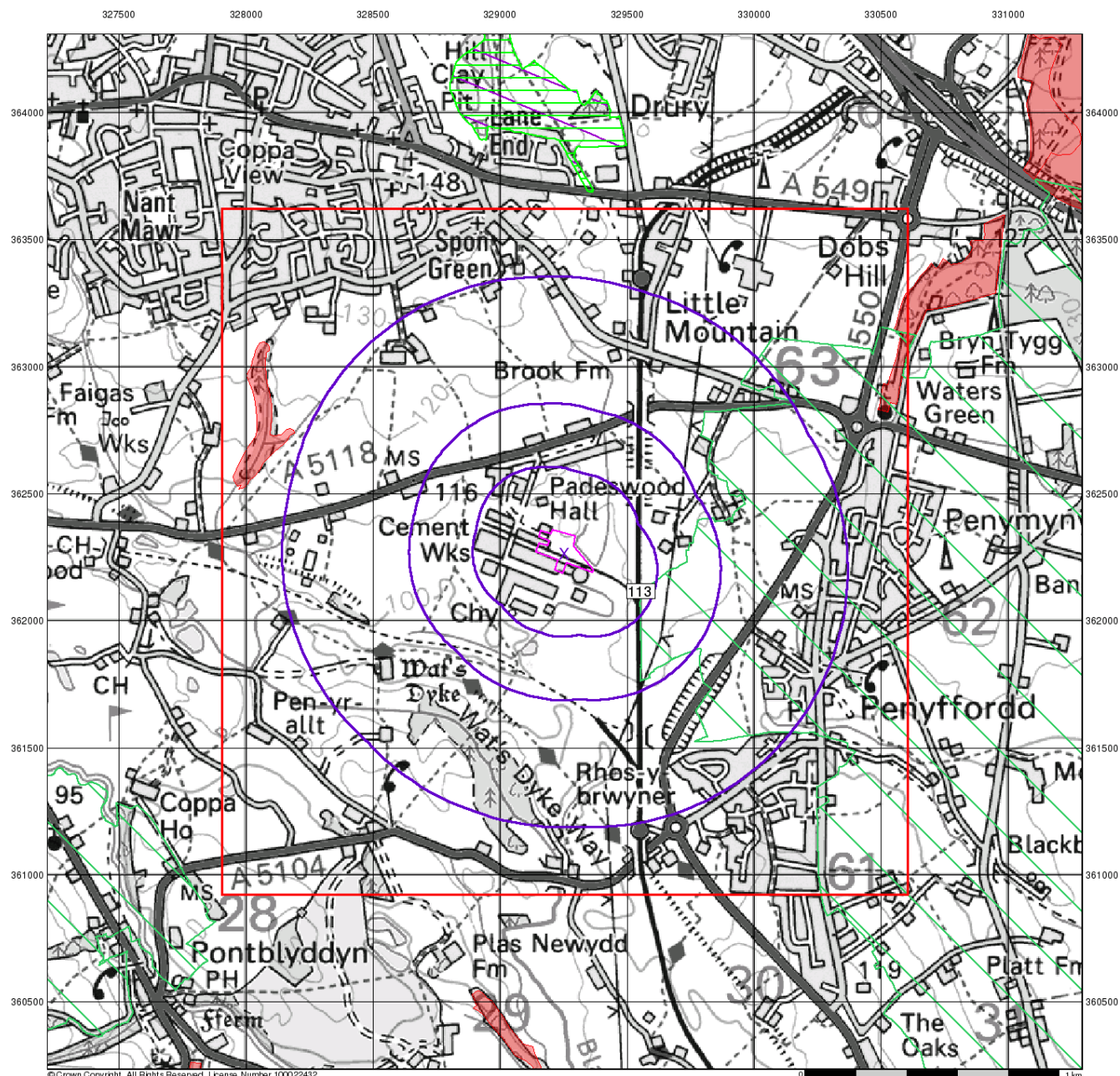
Order Number: 115921196_1_1
 Customer Ref: 1773079
 National Grid Reference: 329250, 362260
 Slice: A
 Site Area (Ha): 1.89
 Search Buffer (m): 1000

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Sensitive Land Uses

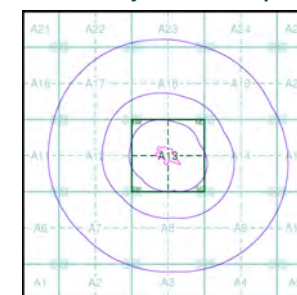
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

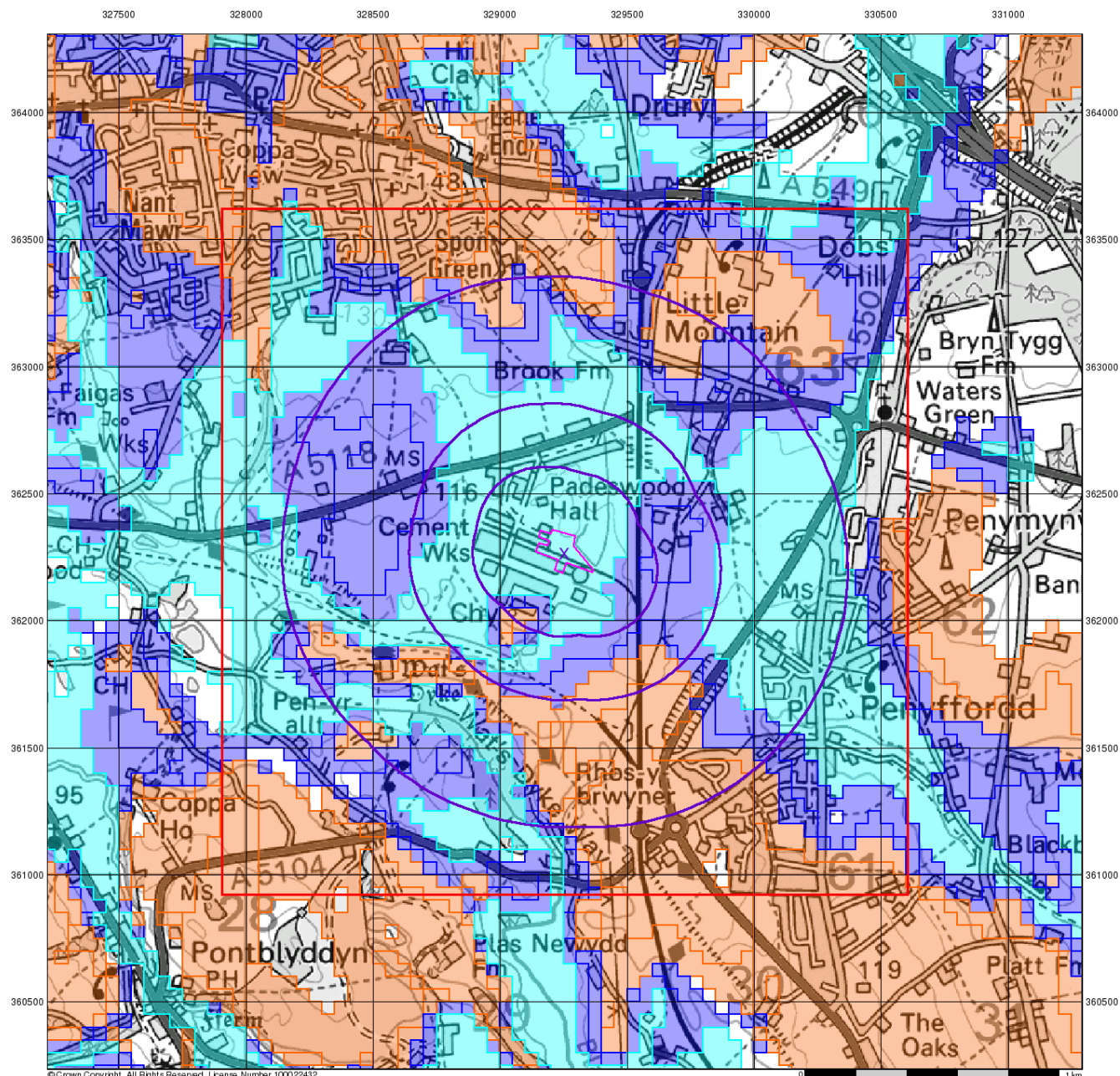
Order Number: 115921196_1_1
 Customer Ref: 1773079
 National Grid Reference: 329250, 362260
 Slice: A
 Site Area (Ha): 1.89
 Search Buffer (m): 1000

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

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BGS Flood GFS Data

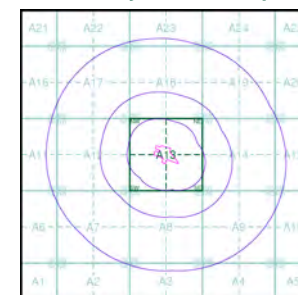
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 115921196_1_1
 Customer Ref: 1773079
 National Grid Reference: 329250, 362260
 Slice: A
 Site Area (Ha): 1.89
 Search Buffer (m): 1000

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

115921196_1_1

Customer Reference:

1773079

National Grid Reference:

329250, 362260

Slice:

A

Site Area (Ha):

1.89

Search Buffer (m):

1000

Site Details:

Hanson Cement Ltd, Padeswood Works
Chester Road
Padeswood
MOLD
CH7 4HB

Client Details:

Ms H Clewes
Golder Associates UK Ltd
Cavendish House
Bourne End Business Park
Cores End Road
Bourne End
Buckinghamshire
SL8 5AS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	22
Industrial Land Use	26
Sensitive Land Use	30
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Data Suppliers	37
Useful Contacts	38

Introduction

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

In 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 v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			4	1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices	pg 3		2		
Integrated Pollution Controls	pg 3		8		
Integrated Pollution Prevention And Control	pg 5		10		
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 9			1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 9		Yes		
Pollution Incidents to Controlled Waters	pg 9		1	1	2
Prosecutions Relating to Authorised Processes	pg 10		3		
Registered Radioactive Substances					
River Quality	pg 10				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 11			1	7 (*7)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 14	Yes	n/a	n/a	n/a
Drift Deposits	pg 14	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines	pg 15		Yes	Yes	n/a
Detailed River Network Offline Drainage	pg 17			Yes	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 18	1			2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 18		1		
Licensed Waste Management Facilities (Locations)	pg 18		1		
Local Authority Landfill Coverage	pg 18	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 19				1
Potentially Infilled Land (Non-Water)	pg 19	1		1	1
Potentially Infilled Land (Water)	pg 19	2		2	21
Registered Landfill Sites	pg 20		2		1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 22	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 22	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 24		1	1	
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 24	Yes	n/a	n/a	n/a
Mining Instability	pg 24	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities	pg 24			1	4
Non Coal Mining Areas of Great Britain	pg 25	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 25	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 25	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 25	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 25	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 25	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 25	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 26		1	2	9
Fuel Station Entries	pg 27			1	
Points of Interest - Commercial Services	pg 27			1	2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 27	4	5	2	12
Points of Interest - Public Infrastructure	pg 29			2	1
Points of Interest - Recreational and Environmental	pg 29				2
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 30		1		
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	0	2	329253 362265
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	52	2	329400 362150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	98	2	329200 362100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	152	2	329100 362100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	162	2	329150 362050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	182	2	329550 362250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	193	2	329050 362100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	209	2	329150 362000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	256	2	329150 361950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	259	2	329050 362000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	264	2	329550 362000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	274	2	329100 361950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	299	2	329050 361950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	338	2	329253 361850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	341	2	329050 361900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	342	2	329450 361850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	351	2	328800 362350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	405	2	329650 361900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	438	2	328950 361850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	459	2	329500 361750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	460	2	328700 362400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	470	2	328900 361850

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	A7NE (SW)	472	2	328850 361900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	476	2	329700 361850
1	Discharge Consents Operator: Castle Cement Ltd Property Type: Manufacture Of Cement, Lime Plaster Location: Mold Castle Cement Ltd. Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0103201 Permit Version: 1 Effective Date: 22nd October 1963 Issued Date: 22nd October 1963 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Trib. Of Black Brook Status: Revoked and replaced by IPC Authorisation Positional Accuracy: Located by supplier to within 10m	A8NW (S)	278	3	329140 361930
1	Discharge Consents Operator: Castle Cement Ltd Property Type: Undefined Or Other Location: Padeswood Tunnel Portland Cement Co, Tunnel Portland Cement Co.Ltd. Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0103101 Permit Version: 1 Effective Date: 22nd October 1963 Issued Date: 22nd October 1963 Revocation Date: 22nd December 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Not Supplied Environment: Receiving Water: Trib. Of Black Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A8NW (S)	304	3	329120 361910
2	Discharge Consents Operator: British Coal Opencast Property Type: Coal Extraction, Surface Location: Bannel Bridge Opencast Buckley CI, Buckley Clwyd Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0201003 Permit Version: 1 Effective Date: 28th May 1991 Issued Date: 28th May 1991 Revocation Date: 24th June 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Tributary Of Black Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A18SE (N)	439	3	329390 362760
3	Discharge Consents Operator: British Coal Opencast Property Type: Coal Extraction, Surface Location: Bannel Bridge Opencast Buckley CI, Buckley Clwyd Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0201002 Permit Version: 1 Effective Date: 28th May 1991 Issued Date: 28th May 1991 Revocation Date: 24th June 1993 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Tributary Of Black Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	476	3	328870 362730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Astbury A (Bldrs.Co'Trs) Ltd Property Type: Undefined Or Other Location: Penyffordd Rhos Rd. Rhos-Y-Brwyner, Rhos Rd. Rhos-Y-Brwyner Housing, Rhos-Y-Brwyner Housing Estate Authority: Natural Resources Wales Catchment Area: River Dee Reference: Cm0039301 Permit Version: 1 Effective Date: 23rd January 1967 Issued Date: 23rd January 1967 Revocation Date: 2nd February 1994 Discharge Type: Unspecified Discharge: Not Supplied Environment: Receiving Water: Un-Named Trib. Of Black Brook Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	778	3	329780 361530
5	Prosecutions Relating to Controlled Waters Location: Black Brook, Black Brook, Padeswood, MOLD, Wrexham, . Prosecution Text: Ea News Release, 27/10/00, On The 24/02/00, Castle Cement Was Found To Have Spilled Heavy Oil Into A Tributary Of The Black Brook. They Were Charged With Carrying On A Prescribed Process In Breach Of A Condition Of Ots Authorisation By Releasing Oil. Prosecution Act: Ea90 S6(1) & S23(1a) Hearing Date: 26th October 2000 Verdict: Guilty Fine: 1500 Cost: 2541 Positional Accuracy: Manually positioned to the address or location	A13SE (S)	136	4	329282 362057
6	Enforcement and Prohibition Notices Location: Padeswood Works, Mold, Flintshire, Ch7 4hb Permit Reference: Sm169/02ij Enforcement Date: 9th September 2002 Details: Notice Served After Plant Breakdown Lead To Unauthorised Emission Of Dust Positional Accuracy: Manually positioned to the address or location	A13NW (W)	103	4	329053 362346
7	Enforcement and Prohibition Notices Location: Padeswood Works, Chester Road, Mold, Ch7 4hb Permit Reference: Not Given Enforcement Date: Not Supplied Details: Breaching Emission Limits Of Dioxins Positional Accuracy: Manually positioned to the address or location	A13SW (W)	110	4	329039 362231
8	Integrated Pollution Controls Name: Castle Cement Ltd Location: Padeswood Works, Padeswood, MOLD, CLWYD, CH7 4HB Authority: Environment Agency, Welsh Region Permit Reference: BE9390 Dated: Not Supplied Process Type: IPC staged application Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Application has met the requirements for authorisation (but not yet authorised)Not Yet Authorised Positional Accuracy: Manually positioned to the address or location	A13NW (W)	9	4	329146 362308
9	Integrated Pollution Controls Name: Castle Cement Ltd Location: Padeswood Works, Padeswood, Mold, Clwyd, Ch7 4hb Authority: Environment Agency, Welsh Region Permit Reference: By4432 Dated: 25th September 2004 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	39	4	329178 362205
10	Integrated Pollution Controls Name: Castle Cement Ltd Location: Padeswood Works, Padeswood, Mold, Clwyd, Ch7 4hb Authority: Environment Agency, Welsh Region Permit Reference: By4548 Dated: 4th October 2004 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Revoked - Now IPPC Positional Accuracy: Manually positioned to the address or location	A13SW (W)	77	4	329080 362226

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Integrated Pollution Controls Name: Castle Cement Ltd Location: Padeswood Works, Padeswood, Mold, Clwyd, Ch7 4hb Authority: Environment Agency, Welsh Region Permit Reference: Br8611 Dated: 28th March 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	77	4	329100 362400
12	Integrated Pollution Controls Name: Castle Cement Ltd Location: Padeswood Works, Padeswood, Mold, Clwyd, Ch7 4hb Authority: Environment Agency, Welsh Region Permit Reference: Bt7876 Dated: 30th November 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	87	4	329068 362342
12	Integrated Pollution Controls Name: Castle Cement Ltd Location: Padeswood Works, Padeswood, Mold, Clwyd, Ch7 4hb Authority: Environment Agency, Welsh Region Permit Reference: Bt2459 Dated: 20th March 2003 Process Type: IPC major (substantial) variation Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	126	4	329033 362364
12	Integrated Pollution Controls Name: Castle Cement Ltd Location: Padeswood Works, Padeswood, Mold, Clwyd, Ch7 4hb Authority: Environment Agency, Welsh Region Permit Reference: Bt2629 Dated: Not Supplied Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Application has met the requirements for authorisation (but not yet authorised)Not Yet Authorised Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	126	4	329034 362365
13	Integrated Pollution Controls Name: Castle Cement Ltd Location: Padeswood Works, Padeswood, MOLD, Clwyd, CH7 4HB Authority: Environment Agency, Welsh Region Permit Reference: Bk9458 Dated: 22nd June 2001 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	176	4	329086 362512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Padeswood Cement Works, Padeswood Works, Padeswood, Mold, Clwyd, CH7 4HB Authority: Natural Resources Wales Permit Reference: BI1096ib Original Permit Ref: BI1096ib Effective Date: 17th December 2004 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: N Activity Code: 3.1 B (A) Activity Description: Cement And Lime; Loading Etc Cement And Clinker, Bulk In And Out Primary Activity: N Activity Code: 3.1 B (B) Activity Description: Cement And Lime; Blending/Using Cement In Bulk (Unless At A Construction Site) Primary Activity: N Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Ecutting) Primary Activity: N Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y Activity Code: 5.1 A(1) (E) Activity Description: Waste Incineration; Non Hazardous Waste Unless Otherwise Stated Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: N	A13NW (W)	89	3	329066 362341
15	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Padeswood Cement Works, Padeswood Works, Padeswood,, MOLD, Clwyd, CH7 4HB Authority: Natural Resources Wales Permit Reference: VP3738NP Original Permit Ref: BI1096ib Effective Date: 6th September 2013 Status: Effective Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: N Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Ecutting) Primary Activity: N Activity Code: 3.1 B (B) Activity Description: Cement And Lime; Blending/Using Cement In Bulk (Unless At A Construction Site) Primary Activity: N Activity Code: 3.1 B (A) Activity Description: Cement And Lime; Loading Etc Cement And Clinker, Bulk In And Out Primary Activity: N Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y Activity Code: 5.1 A(1) (E) Activity Description: Waste Incineration; Non Hazardous Waste Unless Otherwise Stated Primary Activity: N	A13NW (NW)	175	3	329086 362512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Padeswood Cement Works, Padeswood Works, Padeswood,, MOLD, Clwyd, CH7 4HB Authority: Natural Resources Wales Permit Reference: NP3332HN Original Permit Ref: BI1096ib Effective Date: 15th December 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 A(1) (E) Activity Description: Waste Incineration; Non Hazardous Waste Unless Otherwise Stated Primary Activity: N Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Ecutting) Primary Activity: N Activity Code: 3.1 B (A) Activity Description: Cement And Lime; Loading Etc Cement And Clinker, Bulk In And Out Primary Activity: N Activity Code: 3.1 B (B) Activity Description: Cement And Lime; Blending/Using Cement In Bulk (Unless At A Construction Site) Primary Activity: N Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: N	A13NW (NW)	175	3	329086 362512
15	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Padeswood Cement Works, Padeswood Works, Padeswood,, MOLD, Clwyd, CH7 4HB Authority: Natural Resources Wales Permit Reference: DP3434TJ Original Permit Ref: BI1096ib Effective Date: 4th August 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Automatically positioned to the address Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y Activity Code: 5.1 A(1) (E) Activity Description: Waste Incineration; Non Hazardous Waste Unless Otherwise Stated Primary Activity: N Activity Code: 3.1 B (A) Activity Description: Cement And Lime; Loading Etc Cement And Clinker, Bulk In And Out Primary Activity: N Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: N Activity Code: 3.1 B (B) Activity Description: Cement And Lime; Blending/Using Cement In Bulk (Unless At A Construction Site) Primary Activity: N Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Ecutting) Primary Activity: N	A13NW (NW)	175	3	329086 362512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Padeswood Cement Works, Padeswood Works, Padeswood,, MOLD, Clwyd, CH7 4HB Authority: Natural Resources Wales Permit Reference: DP3831KE Original Permit Ref: BI1096ib Effective Date: 6th April 2010 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 A(1) (E) Activity Description: Waste Incineration; Non Hazardous Waste Unless Otherwise Stated Primary Activity: N Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: N Activity Code: 3.1 B (B) Activity Description: Cement And Lime; Blending/Using Cement In Bulk (Unless At A Construction Site) Primary Activity: N Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Ecutting) Primary Activity: N Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y Activity Code: 3.1 B (A) Activity Description: Cement And Lime; Loading Etc Cement And Clinker, Bulk In And Out Primary Activity: N	A13NW (NW)	175	3	329086 362512
15	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Padeswood Cement Works, Padeswood Works, Padeswood,, MOLD, Clwyd, CH7 4HB Authority: Natural Resources Wales Permit Reference: EP3837XW Original Permit Ref: BI1096ib Effective Date: 30th October 2008 Status: Superseded By Variation Application Type: Variation App. Sub Type: Minor Positional Accuracy: Automatically positioned to the address Activity Code: 3.1 B (B) Activity Description: Cement And Lime; Blending/Using Cement In Bulk (Unless At A Construction Site) Primary Activity: N Activity Code: 3.1 B (A) Activity Description: Cement And Lime; Loading Etc Cement And Clinker, Bulk In And Out Primary Activity: N Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Ecutting) Primary Activity: N Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: N Activity Code: 5.1 A(1) (E) Activity Description: Waste Incineration; Non Hazardous Waste Unless Otherwise Stated Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: N	A13NW (NW)	175	3	329086 362512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Chester Road, Padeswood, Mold, Clwyd, CH7 4HB Authority: Natural Resources Wales Permit Reference: AP3134UN Original Permit Ref: BI1096ib Effective Date: 17th April 2008 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 3.1 B (A) Activity Description: Cement And Lime; Loading Etc Cement And Clinker, Bulk In And Out Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: N Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y Activity Code: 3.1 B (B) Activity Description: Cement And Lime; Blending/Using Cement In Bulk (Unless At A Construction Site) Primary Activity: N Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Ecutting) Primary Activity: N Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: N Activity Code: 5.1 A(1) (E) Activity Description: Waste Incineration; Non Hazardous Waste Unless Otherwise Stated Primary Activity: N	A13NW (NW)	175	3	329086 362512
15	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Chester Road, Padeswood, Mold, Clwyd, CH7 4HB Authority: Natural Resources Wales Permit Reference: KP3338UC Original Permit Ref: BI1096ib Effective Date: 3rd April 2008 Status: Superseded By Variation Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 3.1 B (A) Activity Description: Cement And Lime; Loading Etc Cement And Clinker, Bulk In And Out Primary Activity: N Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Ecutting) Primary Activity: N Activity Code: 3.1 B (B) Activity Description: Cement And Lime; Blending/Using Cement In Bulk (Unless At A Construction Site) Primary Activity: N Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y	A13NW (NW)	175	3	329086 362512
15	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Padeswood Landfill, Padeswood Works, Padeswood,, MOLD, Clwyd, CH7 4HB Authority: Natural Resources Wales Permit Reference: YP3438SS Original Permit Ref: BI1096ib Effective Date: 8th November 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Substantial Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y	A13NW (NW)	175	3	329086 362512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Integrated Pollution Prevention And Control Name: Castle Cement Limited Location: Padeswood Cement Works, Padeswood Works, Padeswood,, MOLD, Clwyd, CH7 4HB Authority: Environment Agency, Welsh Region Permit Reference: DP3031KQ Original Permit Ref: BI1096ib Effective Date: Not Supplied Status: Valid Application Type: Surrender App. Sub Type: Part Positional Accuracy: Automatically positioned to the address Activity Code: 5.1 A(1) (C) Activity Description: Incineration Of Non Hazardous Waste Greater Than 1 T/Hr Primary Activity: N Activity Code: 3.1 B (B) Activity Description: Cement And Lime; Blending/Using Cement In Bulk (Unless At A Construction Site) Primary Activity: N Activity Code: 3.1 B (A) Activity Description: Cement And Lime; Loading Etc Cement And Clinker, Bulk In And Out Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: N Activity Code: 3.5 B (A) Activity Description: Other Mineral Activities; Any Processing With Release Of Particulates Into Air (Unless A(1) Or A(2)), (Except Stone Cutting) Primary Activity: N Activity Code: 5.1 A(1) (E) Activity Description: Waste Incineration; Non Hazardous Waste Unless Otherwise Stated Primary Activity: N Activity Code: 3.1 A(1) (A) Activity Description: Cement And Lime; Producing Etc Cement Clinker Primary Activity: Y	A13NW (NW)	175	4	329086 362512
16	Local Authority Pollution Prevention and Controls Name: 4 X 4 Centre Location: Chester Road, Padeswood, Mold, CH7 4JF Authority: Flintshire Council, Environmental Health Department Permit Reference: 10607 Dated: 11th March 2010 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Not Supplied Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	325	5	329177 362679
	Nearest Surface Water Feature	A13SE (SE)	2	-	329364 362207
17	Pollution Incidents to Controlled Waters Property Type: Process Location: Castle Cement Authority: Environment Agency, Welsh Region Pollutant: Mud/Clay/Soil Note: Accidental Spillage/Leakage Incident Date: 31st October 1991 Incident Reference: 1947 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Overflow Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	12	4	329300 362200
18	Pollution Incidents to Controlled Waters Property Type: Road (Lost Load) Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Accidental Spillage/Leakage Incident Date: 9th June 1995 Incident Reference: 24352 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	288	4	329400 362600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Other Location: Padeswood Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Inadequate Design/Capacity Incident Date: 10th March 1992 Incident Reference: 3318 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	764	4	329900 362800
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Sewage - Septic Tank Effluent Note: Not Supplied Incident Date: 11th February 1997 Incident Reference: 31442 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	846	4	330001 362801
21	Prosecutions Relating to Authorised Processes Location: Padeswood Works, Chester Road, Padeswood, MOLD, Clwyd, CH7 4HB Prosecution Text: EA News Release 13/02/1999, Prosecuted after breaching 4 conditions of it's cement manufacturing process authorisation Prosecution Act: EPA90 s6(1) Hearing Date: 12th February 1999 Verdict: Guilty Fine: 6000 Costs: 14850 Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	77	4	329100 362400
22	Prosecutions Relating to Authorised Processes Location: Padeswood Works, Mold, CH7 4LD Prosecution Text: Breaching the held PPC licence Prosecution Act: Epa90 S6 & 23 Hearing Date: 31st March 2006 Verdict: Guilty Fine: 99000 Costs: 9304 Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	94	4	329063 362350
23	Prosecutions Relating to Authorised Processes Location: Padeswood Works, Padeswood, Mold, Ch7 4hb Prosecution Text: Failing to comply with environmental permit regulations Prosecution Act: Epr07 Hearing Date: 18th February 2010 Verdict: Guilty Fine: 305000 Costs: 0 Positional Accuracy: Manually positioned to the address or location	A13NW (W)	117	4	329028 362298
	River Quality Name: Black Bk GQA Grade: River Quality E Reach: Conf.Alyn-Conf.Bistre Drain Padeswood Estimated Distance (km): 3.9 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A7SE (SW)	760	4	328780 361576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Water Abstractions Operator: Miss F Hewitt Licence Number: 24/67/9/0051 Permit Version: 100 Location: Well C Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SW (E)	373	4	329740 362230
25	Water Abstractions Operator: Miss F Hewitt Licence Number: 24/67/9/0051 Permit Version: 100 Location: Well A Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NW (E)	580	4	329900 362430
26	Water Abstractions Operator: Mr H Johnson Licence Number: 24/67/9/0055 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Well A Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NW (E)	612	4	329900 362501
27	Water Abstractions Operator: Mr R Scott Licence Number: 24/67/8/0001 Permit Version: 100 Location: Well Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	626	4	329810 362690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Water Abstractions Operator: Miss F Hewitt Licence Number: 24/67/9/0051 Permit Version: 100 Location: Well B Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Well A Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NE (E)	649	4	329980 362415
29	Water Abstractions Operator: Mr H Johnson Licence Number: 24/67/9/0055 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, Welsh Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NE (E)	651	4	329950 362490
30	Water Abstractions Operator: Miss F Hewitt Licence Number: 24/67/9/0051 Permit Version: 100 Location: Well D Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NE (E)	769	4	330120 362361
31	Water Abstractions Operator: Mr L Hewitt Licence Number: 24/67/9/0050 Permit Version: 100 Location: Well Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th January 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	894	4	330180 361820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr R Higgins Licence Number: 24/67/8/0009 Permit Version: 100 Location: Well C Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4NW (S)	1157	4	329730 361090
	Water Abstractions Operator: Mr R Higgins Licence Number: 24/67/8/0009 Permit Version: 100 Location: Well D Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A4NW (SE)	1168	4	329790 361100
	Water Abstractions Operator: Mr R Higgins Licence Number: 24/67/8/0009 Permit Version: 100 Location: Well A Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Well A Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SE (S)	1269	4	329410 360921
	Water Abstractions Operator: Wrench Bros Licence Number: 24/67/9/0048 Permit Version: 100 Location: Well C Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NE (SE)	1756	4	330660 361001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr J Jones Licence Number: 24/67/8/0043 Permit Version: 100 Location: Black Brook Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Black Brook Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th June 1969 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1763	4	327380 362200
	Water Abstractions Operator: Wrench Bros Licence Number: 24/67/9/0048 Permit Version: 100 Location: Well B Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Well A Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SE (SE)	1956	4	330850 360915
	Water Abstractions Operator: Wrench Bros Licence Number: 24/67/9/0048 Permit Version: 100 Location: Well A Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th July 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SE (SE)	1982	4	330760 360780
	Groundwater Vulnerability Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment Map Sheet: Sheet 16 West Cheshire Scale: 1:100,000	A13SW (S)	0	4	329253 362265
	Drift Deposits Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 16 West Cheshire Scale: 1:100,000	A13SW (S)	0	4	329253 362265
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (S)	0	2	329253 362265
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (S)	0	2	329253 362265
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
32	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	2	4	329299 362298
33	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	5	4	329372 362191
34	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	7	4	329374 362194
35	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (E)	7	4	329383 362222
36	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	12	4	329377 362184

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	104	4	329325 362093
38	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SW (S)	162	4	329240 362027
39	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SW (S)	245	4	329166 361957
40	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12NE (W)	323	4	328822 362313
41	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12NE (NW)	326	4	328857 362470
42	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12SE (W)	339	4	328809 362207

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (SE)	417	4	329514 361800
44	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NW (SW)	417	4	329025 361827
45	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: B10 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (S)	497	4	329335 361693
46	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D010	A8NE (S)	498	4	329336 361692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Historical Landfill Sites Licence Holder: Castle Cement Padeswood Limited Location: Padeswood, Mold, Flintshire Name: Castle Cement Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14734 First Input Date: 31st December 1950 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6835/0101 BGS Ref: Not Supplied Other Ref: 152/87, NOW-439-L	A13NE (NE)	0	3	329301 362319
48	Historical Landfill Sites Licence Holder: A McAlpine Construction Limited Location: Penyffordd Name: Penyffordd Station Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15111 First Input Date: 31st December 1986 Last Input Date: 28th November 1988 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6835/0073 BGS Ref: Not Supplied Other Ref: 149/86	A8SE (S)	772	3	329571 361444
49	Historical Landfill Sites Licence Holder: Alyn and Deeside District Council Location: Buckley, Flintshire Name: Dirty Mile Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14217 First Input Date: 1st January 1971 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6835/0080 BGS Ref: Not Supplied Other Ref: UT9, 38	A23SW (N)	990	3	329254 363344
50	Licensed Waste Management Facilities (Landfill Boundaries) Name: Padeswood Landfill Licence Number: 37012 Location: Castle Cement Padeswood Ltd, Padeswood, Mold, Flintshire, CH7 4HB Licence Holder: Castle Cement Padeswood Ltd Authority: Natural Resources Wales Site Category: Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Issued Issued: 4th November 1987 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13SW (S)	151	3	329182 362050
51	Licensed Waste Management Facilities (Locations) Licence Number: 37012 Location: Castle Cement Padeswood Ltd, Padeswood, Mold, CH7 4HB Operator Name: Castle Cement Padeswood Ltd Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Industrial Waste Landfills Licence Status: Issued Issued: 4th November 1987 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	156	3	329157 362054
	Local Authority Landfill Coverage Name: Flintshire Council - Has supplied landfill data		0	5	329253 362265

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Local Authority Recorded Landfill Sites Location: Off Chester Road, Buckley Reference: Not Supplied Authority: Flintshire Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Domestic, Commercial Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A23SW (N)	989	5	329252 363343
53	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A13NW (N)	0	-	329249 362346
54	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A18SE (N)	404	-	329383 362726
55	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A23SW (N)	997	-	329251 363351
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (SE)	0	-	329340 362214
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (E)	0	-	329263 362263
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A18SW (NW)	323	-	329036 362651
59	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (E)	407	-	329757 362319
60	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NW (N)	721	-	328949 363043
61	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7NW (SW)	730	-	328574 361813
62	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SW (NW)	757	-	328530 362770
63	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NW (N)	770	-	329113 363122
64	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SW (NW)	780	-	328518 362795
65	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A18NE (N)	800	-	329438 363122
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14SE (E)	820	-	330159 361981
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A9NE (SE)	825	-	330024 361691
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SW (NW)	884	-	328385 362774
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A9NE (SE)	891	-	330175 361815

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A19SE (NE)	895	-	329968 362925
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A14SE (E)	895	-	330258 362101
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SW (SE)	903	-	329739 361367
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A9SE (SE)	966	-	330070 361527
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SW (S)	967	-	329644 361262
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SE (SE)	967	-	329931 361404
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SW (SE)	979	-	329801 361312
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SW (NW)	987	-	328325 362877
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A9SE (SE)	987	-	329938 361385
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A17NW (NW)	991	-	328505 363096
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A17SW (NW)	997	-	328301 362857
81	Registered Landfill Sites Licence Holder: Castle Cement Ltd Licence Reference: NOW-439-L (152/87) Site Location: Castle Cement, Padeswood, MOLD, Flintshire, CH7 4HB Licence Easting: 329100 Licence Northing: 362000 Operator Location: As Site Address Authority: Environment Agency Wales, North Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Only waste produced on site Restrictions: Status: Site dormant Dated: 4th November 1987 Preceded By: 152/87 (102/77) Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert,Non-Tox.Waste Ex Cement Manuf. Inert/Non-Tox.Waste Ex On-Site Constrn Max.Waste Permitted By Licence Offcuts Of Ferrous/Non-Ferrous Metals Packaging Material Paper Plastic Prohibited Waste: Spec.Waste (Epa'90:S62/1996 Regs) Waste Forming Polluting Leachate Waste In Containers	A13SW (SW)	230	4	329100 362000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	Registered Landfill Sites Licence Holder: Castle Cement Ltd Licence Reference: 152/87 (102/77) Site Location: Padeswood, MOLD, Flintshire, CH7 4HB Licence Easting: 329100 Licence Northing: 362000 Operator Location: As Site Address Authority: Environment Agency Wales, North Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Only waste produced on site Restrictions: Status: Record supersededSuperseded Dated: 1st July 1977 Preceded By: Not Given Licence: Superseded By: NOW-439-L (152/87) Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Canteen Waste Cement Waste Constr'N/Demol. Inert/Non-Haz/Non-Tox Non-Haz, Non-Toxic Waste Sewage Prohibited Waste: Liquid Wastes Environment Agency Waste N.O.S must give specific authorisation for this waste to be acceptedWaste requires prior approval	A13SW (SW)	230	4	329100 362000
82	Registered Landfill Sites Licence Holder: Alfred Mc Alpine Construction Ltd Licence Reference: 149/86 Site Location: Penyfford Station, Penyfford, Chester, Cheshire Licence Easting: 329600 Licence Northing: 361400 Operator Location: Hooton, Ellesmere Port, Cheshire Authority: Environment Agency Wales, North Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Only waste produced on site Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st November 1986 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Sim.Excavated Natural Materials Surplus Subsoil,Clay,Sand,Rock, Waste Building & Civil Eng.Mat'L Prohibited Waste: Farm Slurry, Farm Effluent	A9SW (S)	823	4	329600 361400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13SW (S)	0	2	329253 362265
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (S)	0	2	329253 362265
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	132	2	329253 362500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (S)	189	2	329346 362000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (S)	209	2	329150 362000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (SE)	231	2	329500 362000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (SW)	293	2	329000 362000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12SE (SW)	360	2	328904 362000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	605	2	328636 361940
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NE (SW)	644	2	328881 361648
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (S)	733	2	328993 361500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NW (W)	977	2	328252 361868
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17NE (NW)	991	2	328695 363228

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	BGS Recorded Mineral Sites Site Name: Padeswood Colliery Location: , Buckley, Mold, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 136898 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (N)	104	2	329258 362449
84	BGS Recorded Mineral Sites Site Name: Padeswood Hall Location: , Buckley, Mold, Flintshire Source: British Geological Survey, National Geoscience Information Service Reference: 136904 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18SE (N)	406	2	329380 362729
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SW (S)	0	6	329253 362265
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (S)	0	-	329253 362265
	Natural Cavities Easting: 329030 Northing: 361740 Distance: 494 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: SW Cavity Type: Swallow Hole Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Lower Coal Measures, Millstone Grit Group, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A8NW (SW)	494	7	329030 361740
	Natural Cavities Easting: 329230 Northing: 361640 Distance: 548 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Swallow Hole Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone, Lower Coal Measures, Millstone Grit Group, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A8NW (S)	548	7	329230 361640
	Natural Cavities Easting: 328600 Northing: 362040 Distance: 589 Quadrant Reference: A12 Quadrant Reference: SE Bearing Ref: W Cavity Type: Swallow Hole x 5 Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Coal Measures, Middle Coal Measures, Millstone Grit Group, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A12SE (W)	589	7	328600 362040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 328480 Northing: 362450 Distance: 685 Quadrant Reference: A12 Quadrant Reference: NW Bearing Ref: W Cavity Type: Swallow Hole Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Coal Measures, Middle Coal Measures, Millstone Grit Group, Upper Carboniferous Limestone Superficial Geology Detail: No Details	A12NW (W)	685	7	328480 362450
	Natural Cavities Easting: 328700 Northing: 361420 Distance: 934 Quadrant Reference: A7 Quadrant Reference: SE Bearing Ref: SW Cavity Type: Swallow Hole x 3 Solid Geology Detail: Carboniferous Limestone Supergroup, Middle Coal Measures, Millstone Grit Group, Upper Carboniferous Limestone, Upper Coal Measures Superficial Geology Detail: No Details	A7SE (SW)	934	7	328700 361420
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	329253 362265
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	66	2	329142 362171
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	329253 362265
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	329253 362265
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	2	329258 362248
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	37	2	329300 362146
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	166	2	329138 362052
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	329253 362265
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	329253 362265
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	329253 362265
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	329253 362265
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	329253 362265
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	2	329253 362265

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Contemporary Trade Directory Entries Name: Hanson Cement Location: Chester Road, Padeswood, Mold, Clwyd, CH7 4HB Classification: Cement Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	175	-	329086 362512
86	Contemporary Trade Directory Entries Name: Dublcheck Ltd Location: Padeswood Hall, Chester Road, Padeswood, Mold, Clwyd, CH7 4JF Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	299	-	328960 362574
87	Contemporary Trade Directory Entries Name: D Lawrence Location: Homelea, Chester Road, Padeswood, Mold, Clwyd, CH7 4JF Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	325	-	329102 362673
88	Contemporary Trade Directory Entries Name: D M Autos Location: Unit 3 Chester, Padeswood, Mold, Clwyd, CH7 4JF Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	612	-	328577 362534
89	Contemporary Trade Directory Entries Name: Foulkes C A Location: 2, Bannel Bridge, Bannel Lane, Buckley, Clwyd, CH7 3BD Classification: Cladding Suppliers & Installers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	756	-	329604 363021
90	Contemporary Trade Directory Entries Name: C T R Location: Bannel House, Chester Road, Penymynydd, Chester, CH4 0EN Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	797	-	329828 362926
91	Contemporary Trade Directory Entries Name: Arctic Scaffolding Co Ltd Location: Unit 1, Bannel Lane, Buckley, CH7 3AP Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	798	-	329569 363081
91	Contemporary Trade Directory Entries Name: Arctic Scaffold Co Ltd Location: Unit 1, Bannel Lane, BUCKLEY, Clwyd, CH7 3AP Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	798	-	329572 363080
92	Contemporary Trade Directory Entries Name: H E Bartley Location: Spon Green Farm, Spon Green, Buckley, CH7 3BN Classification: Dairies Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (NW)	840	-	328660 363027
93	Contemporary Trade Directory Entries Name: Sk-Service Location: 28, Plas yn Rhos, Penyffordd, Chester, CH4 0JU Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	889	-	329872 361457
94	Contemporary Trade Directory Entries Name: Coldair Ltd Location: 15, Hillside Road, Penyffordd, Chester, CH4 0JJ Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (E)	980	-	330346 362265
95	Contemporary Trade Directory Entries Name: Village Motors Location: Chester Road, Penyffordd, Chester, CH4 0JZ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A10NW (SE)	999	-	330271 361766

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	Fuel Station Entries Name: Padeswood Service Station Location: Chester Road, Padeswood, MOLD, Clwyd, CH7 4JF Brand: Bfl Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A18SW (N)	343	-	329143 362696
97	Points of Interest - Commercial Services Name: Automotive Windscreens Ltd Location: Automotive Windscreen Ltd, A5118 Rbt to Plas Major Lane A550, Padeswood, CH7 4JF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	346	8	329144 362699
98	Points of Interest - Commercial Services Name: Automotive Windscreens Ltd Location: Ty Gwyn, Chester Road, Padeswood, Mold, CH7 4JF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	793	8	328361 362411
99	Points of Interest - Commercial Services Name: Village Motors Location: Chester Road, Penyffordd, Chester, CH4 0JZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A10NW (SE)	998	8	330270 361765
100	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SW (W)	0	8	329225 362269
100	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SW (W)	0	8	329222 362261
100	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (W)	0	8	329216 362272
100	Points of Interest - Manufacturing and Production Name: Tanks Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	0	8	329233 362264
101	Points of Interest - Manufacturing and Production Name: Works Location: CH7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	9	8	329150 362344
101	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	21	8	329136 362340
102	Points of Interest - Manufacturing and Production Name: Shafts (Disused) Location: CH7 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	93	8	329257 362438

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	222	8	328920 362268
103	Points of Interest - Manufacturing and Production Name: Works Location: CH7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	232	8	328910 362266
104	Points of Interest - Manufacturing and Production Name: Tank Location: CH4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	321	8	329675 362292
105	Points of Interest - Manufacturing and Production Name: Shaft (Disused) Location: CH7 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A18SE (N)	403	8	329372 362728
106	Points of Interest - Manufacturing and Production Name: R S Hughes & Son Location: Padeswood Lake Road, Padeswood, Mold, CH7 4HZ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A7NW (SW)	772	8	328522 361812
107	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	860	8	328284 362325
107	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	865	8	328277 362294
107	Points of Interest - Manufacturing and Production Name: Tanks Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	865	8	328277 362244
107	Points of Interest - Manufacturing and Production Name: Works Location: CH7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NE (W)	905	8	328238 362303
108	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	886	8	328260 362190
108	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	935	8	328216 362142
109	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11SE (W)	937	8	328205 362256

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11SE (W)	955	8	328187 362267
109	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11SE (W)	972	8	328171 362228
109	Points of Interest - Manufacturing and Production Name: Tank Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11SE (W)	991	8	328151 362265
109	Points of Interest - Manufacturing and Production Name: Tanks Location: CH7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	992	8	328150 362240
110	Points of Interest - Public Infrastructure Name: Spoil Heap Location: CH7 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	305	8	329049 361943
110	Points of Interest - Public Infrastructure Name: Spoil Heap Location: CH7 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	342	8	328985 361946
111	Points of Interest - Public Infrastructure Name: Sewage Works Location: CH7 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12NW (W)	835	8	328308 362309
112	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	828	8	329716 361438
112	Points of Interest - Recreational and Environmental Name: Playground Location: (Ffordd Derwyn), CH4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	829	8	329717 361438

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Nitrate Vulnerable Zones Name: Not Supplied Description: Not Supplied Source: The National Assembly for Wales, GI Services (Department of Planning & Countryside)	A13SE (SE)	201	9	329554 362116

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Flintshire Council - Environmental Health Department Wrexham County Borough Council - Public Protection Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 August 2008 November 2013	Annual Rolling Update Annually Not Applicable Annually
Discharge Consents Environment Agency - Welsh Region Natural Resources Wales	August 2014 November 2016	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region Environment Agency - Welsh Region	March 2013 March 2013	As notified As notified
Integrated Pollution Controls Environment Agency - North West Region Environment Agency - Welsh Region	October 2008 October 2008	Not Applicable Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	January 2017 January 2017 November 2016	Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Wrexham County Borough Council - Environmental Health Department Flintshire Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 December 2008 July 2015	Annual Rolling Update Annual Rolling Update Not Applicable Annually
Local Authority Pollution Prevention and Controls Wrexham County Borough Council - Environmental Health Department Flintshire Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 December 2008 July 2015	Annual Rolling Update Annual Rolling Update Not Applicable Annually
Local Authority Pollution Prevention and Control Enforcements Wrexham County Borough Council - Environmental Health Department Flintshire Council - Environmental Health Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department	April 2014 April 2016 December 2008 July 2015	Annual Rolling Update Annual Rolling Update Not Applicable Annually
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013 March 2013	As notified As notified As notified
Prosecutions Relating to Controlled Waters Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013 March 2013	As notified As notified As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	January 2017 January 2017 July 2016	Quarterly Quarterly Quarterly
Water Abstractions Natural Resources Wales Environment Agency - Welsh Region	April 2016 October 2016	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - North West Region Environment Agency - Welsh Region Natural Resources Wales	January 2017 January 2017 October 2015	Quarterly Quarterly Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Natural Resources Wales	November 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Natural Resources Wales	November 2016	Quarterly
Flooding from Rivers or Sea without Defences Natural Resources Wales	November 2016	Quarterly
Areas Benefiting from Flood Defences Natural Resources Wales	November 2016	Quarterly
Flood Water Storage Areas Natural Resources Wales	November 2016	Quarterly
Flood Defences Natural Resources Wales	November 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	September 2014	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Natural Resources Wales	October 2013	As notified
Surface Water Suitability Natural Resources Wales	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Natural Resources Wales	January 2017	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region Environment Agency - Welsh Region	October 2008 October 2008	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	August 2016 August 2016 August 2016	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area Environment Agency Wales - North Area Natural Resources Wales	January 2017 January 2017 October 2015	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Flintshire Council - Environmental Health Department Wrexham County Borough Council	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Wrexham County Borough Council Chester City Council (now part of Cheshire West and Chester Council) - Environmental Health Department Flintshire Council - Environmental Health Department	February 2005 June 2003 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - North West Region - South Area Environment Agency Wales - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area Environment Agency Wales - North Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area Environment Agency Wales - North Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	July 2016	Bi-Annually
Explosive Sites Health and Safety Executive	September 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Cheshire West and Chester Council - Planning Department Wrexham County Borough Council - Planning Department Flintshire Council Cheshire County Council (now part of Cheshire East Council) - Planning Department Chester City Council (now part of Cheshire West and Chester Council)	April 2016 February 2016 January 2016 July 2008 October 2008	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Not Applicable
Planning Hazardous Substance Consents Cheshire West and Chester Council - Planning Department Wrexham County Borough Council - Planning Department Flintshire Council Cheshire County Council (now part of Cheshire East Council) - Planning Department Chester City Council (now part of Cheshire West and Chester Council)	April 2016 February 2016 January 2016 July 2008 October 2008	Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Not Applicable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2016	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2017	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	December 2016	Quarterly
Points of Interest - Education and Health PointX	December 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2016	Quarterly
Points of Interest - Public Infrastructure PointX	December 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2016	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

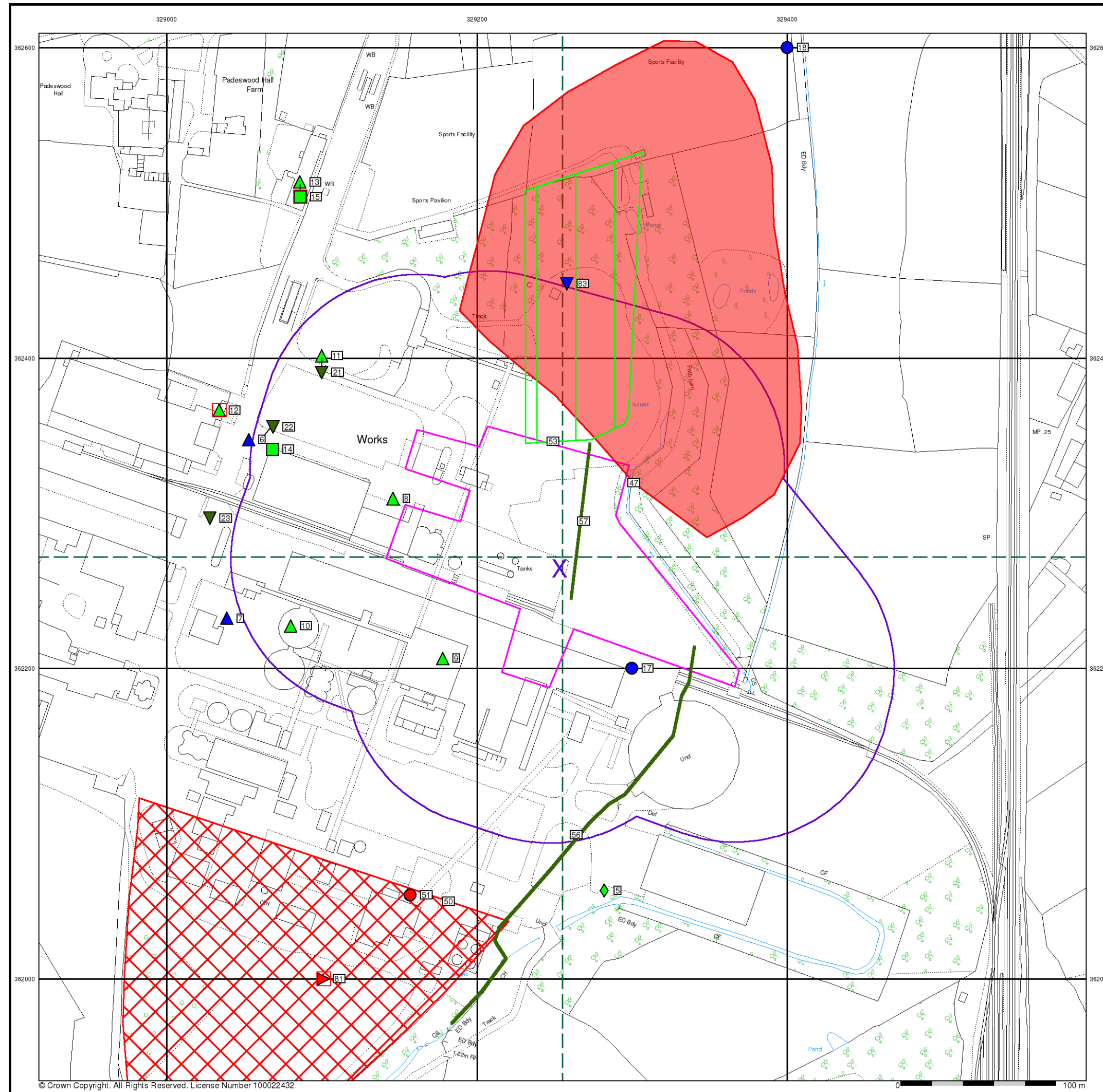
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural Resources Wales	January 2014	Bi-Annually
Areas of Adopted Green Belt Chester City Council (now part of Cheshire West and Chester Council)	February 2017	As notified
Areas of Unadopted Green Belt Chester City Council (now part of Cheshire West and Chester Council)	February 2017	As notified
Areas of Outstanding Natural Beauty Natural England Natural Resources Wales	January 2017 January 2017	Bi-Annually Bi-Annually
Environmentally Sensitive Areas Natural England The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017 January 2017	Annually Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Flintshire Council Natural England Wrexham County Borough Council	January 2017 January 2017 January 2017	Bi-Annually Bi-Annually Bi-Annually
Marine Nature Reserves Natural Resources Wales	January 2017	Bi-Annually
National Nature Reserves Natural Resources Wales	January 2017	Bi-Annually
National Parks Natural Resources Wales Natural England	February 2017 February 2017	Annually Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones The National Assembly for Wales - GI Services (Department of Planning & Countryside)	October 2005	Annually
Ramsar Sites Natural Resources Wales	January 2017	Bi-Annually
Sites of Special Scientific Interest Natural Resources Wales	January 2017	Bi-Annually
Special Areas of Conservation Natural Resources Wales	January 2017	Bi-Annually
Special Protection Areas Natural Resources Wales	January 2017	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	
The Coal Authority	
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	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
4	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	Flintshire Council - Environmental Health Department County Hall, Mold, Flintshire, CH7 6NF	Telephone: 01352 703413 Fax: 01352 703441 Website: www.flintshire.gov.uk
6	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk
7	Peter Brett Associates Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	The National Assembly for Wales - GI Services (Department of Planning & Countryside) Yr Hen Ysgol Gymraeg, Alexandria Road, Aberystwyth, Ceredigion, SY23 1LD	Telephone: 02920 825111 Website: www.wales.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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General

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

Agency and Hydrological

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

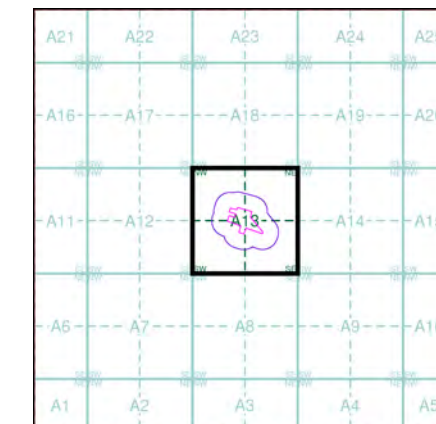
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

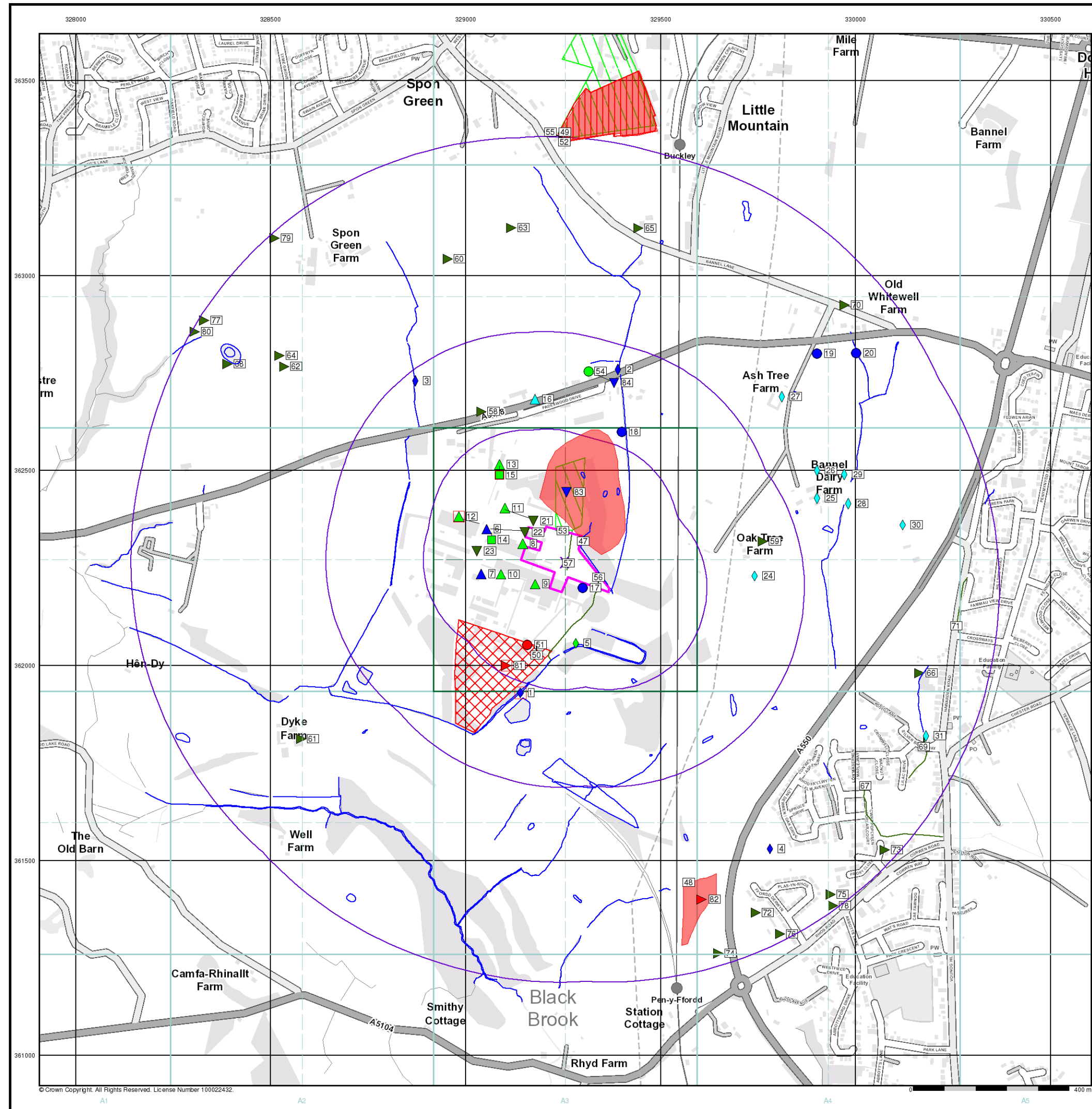


Order Details

Order Number: 115921196_1_1
Customer Ref: 1773079
National Grid Reference: 329250, 362260
Slice: A
Site Area (Ha): 1.89
Plot Buffer (m): 100

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road,
Padeswood, MOLD, CH7 4HB



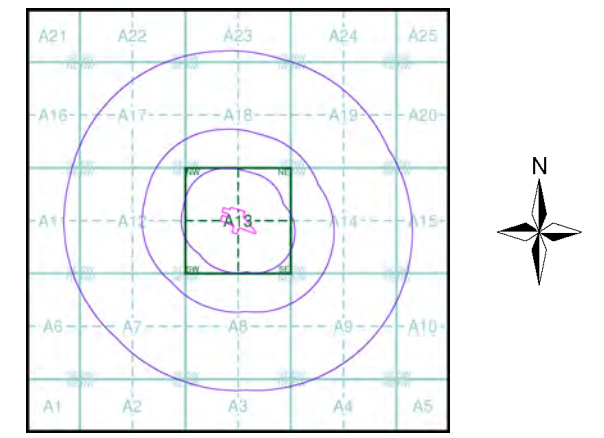
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details

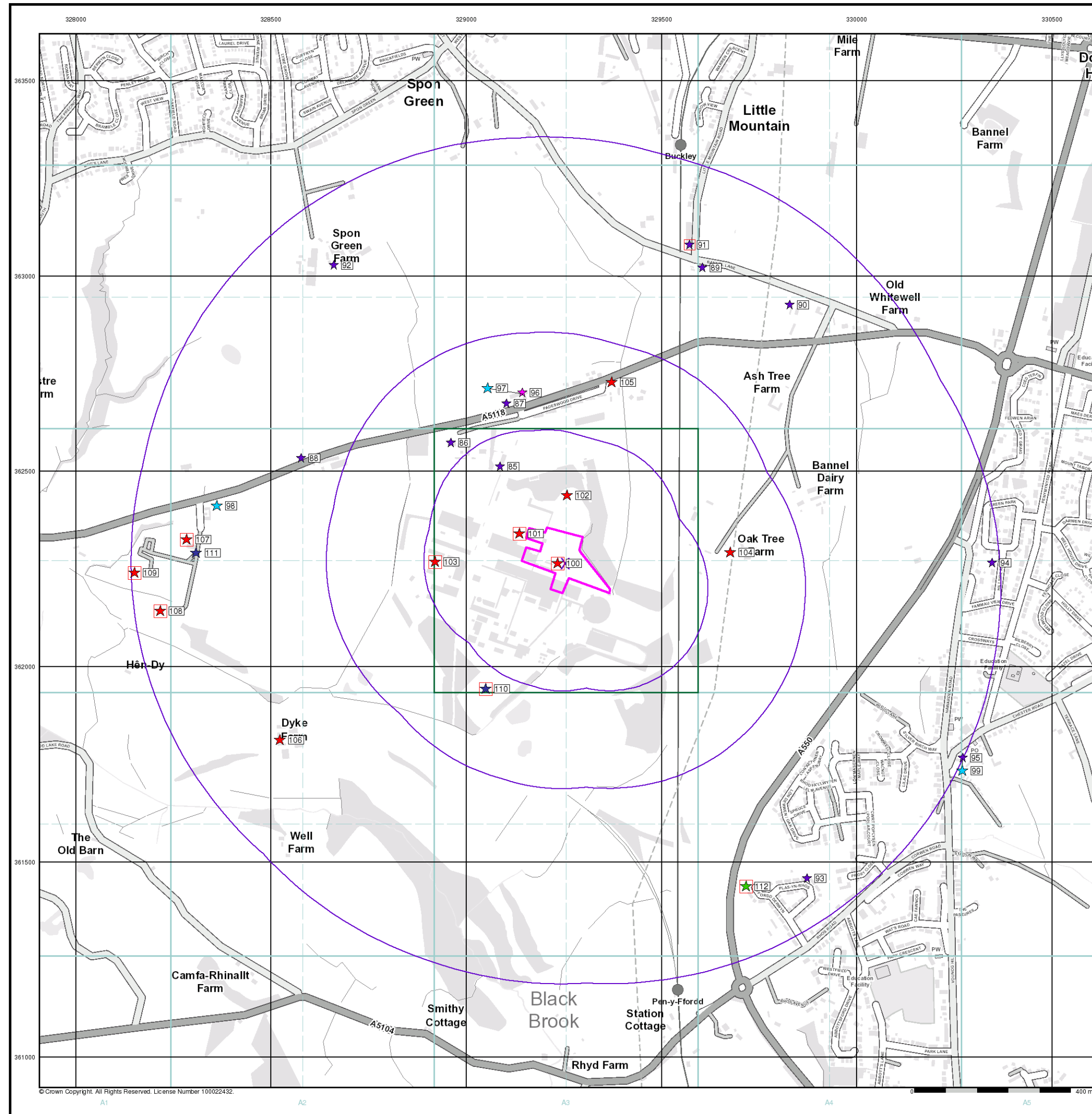
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Customer Ref: 1773079
National Grid Reference: 329250, 362260
Slice: A
Site Area (Ha): 1.89
Search Buffer (m): 1000

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

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Industrial Land Use Map

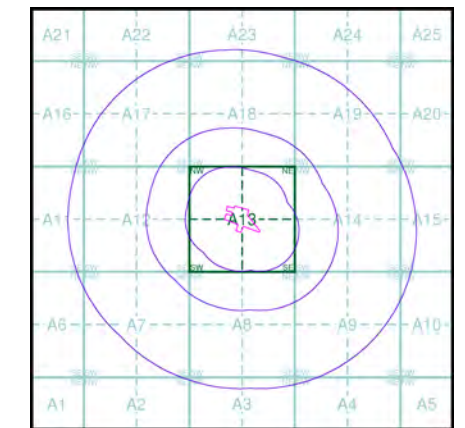
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

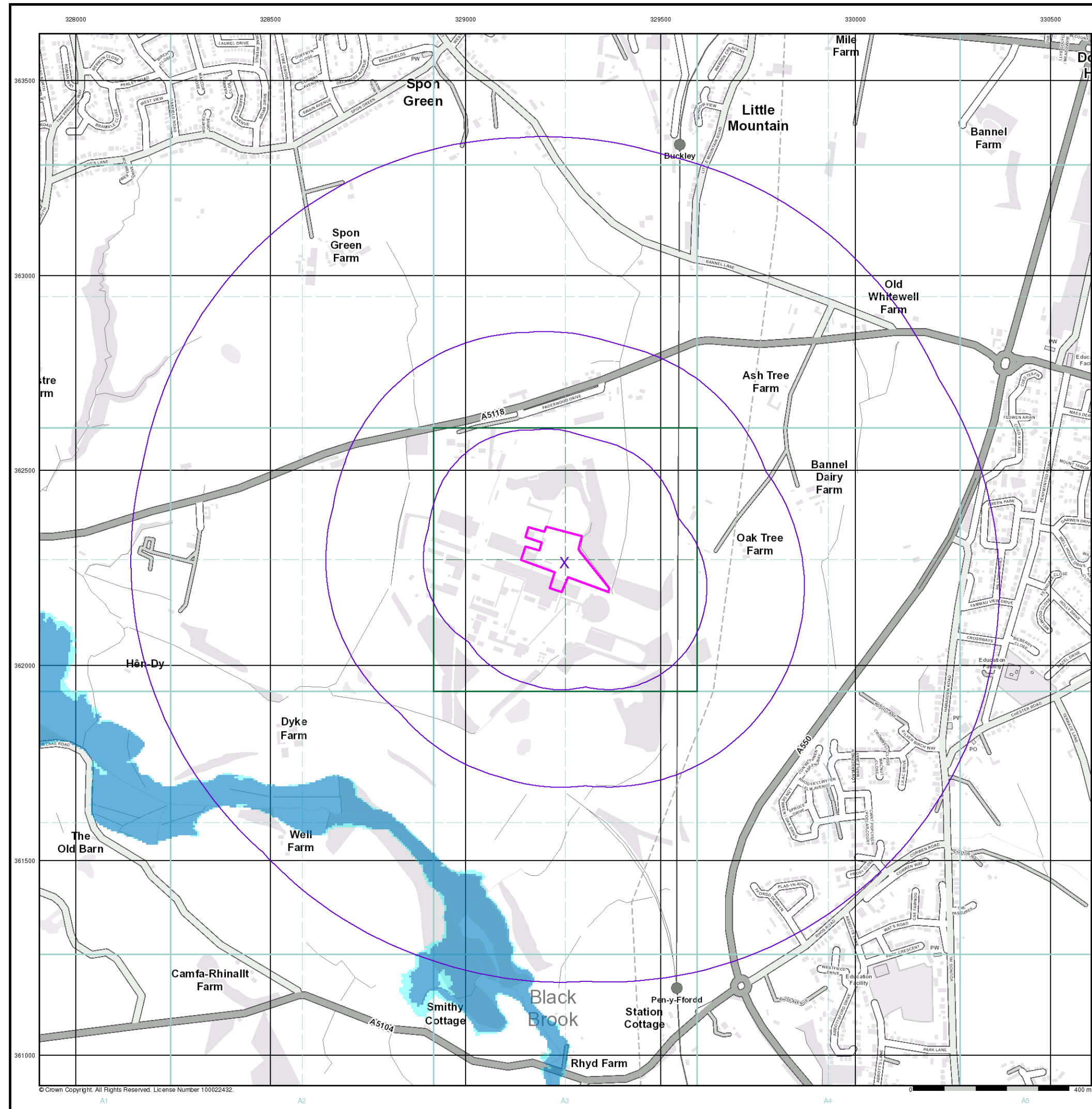
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General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

Order Details

Order Number:	115921196_1_1
Customer Ref:	1773079
National Grid Reference:	329250, 362260
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Search Buffer (m):	1000

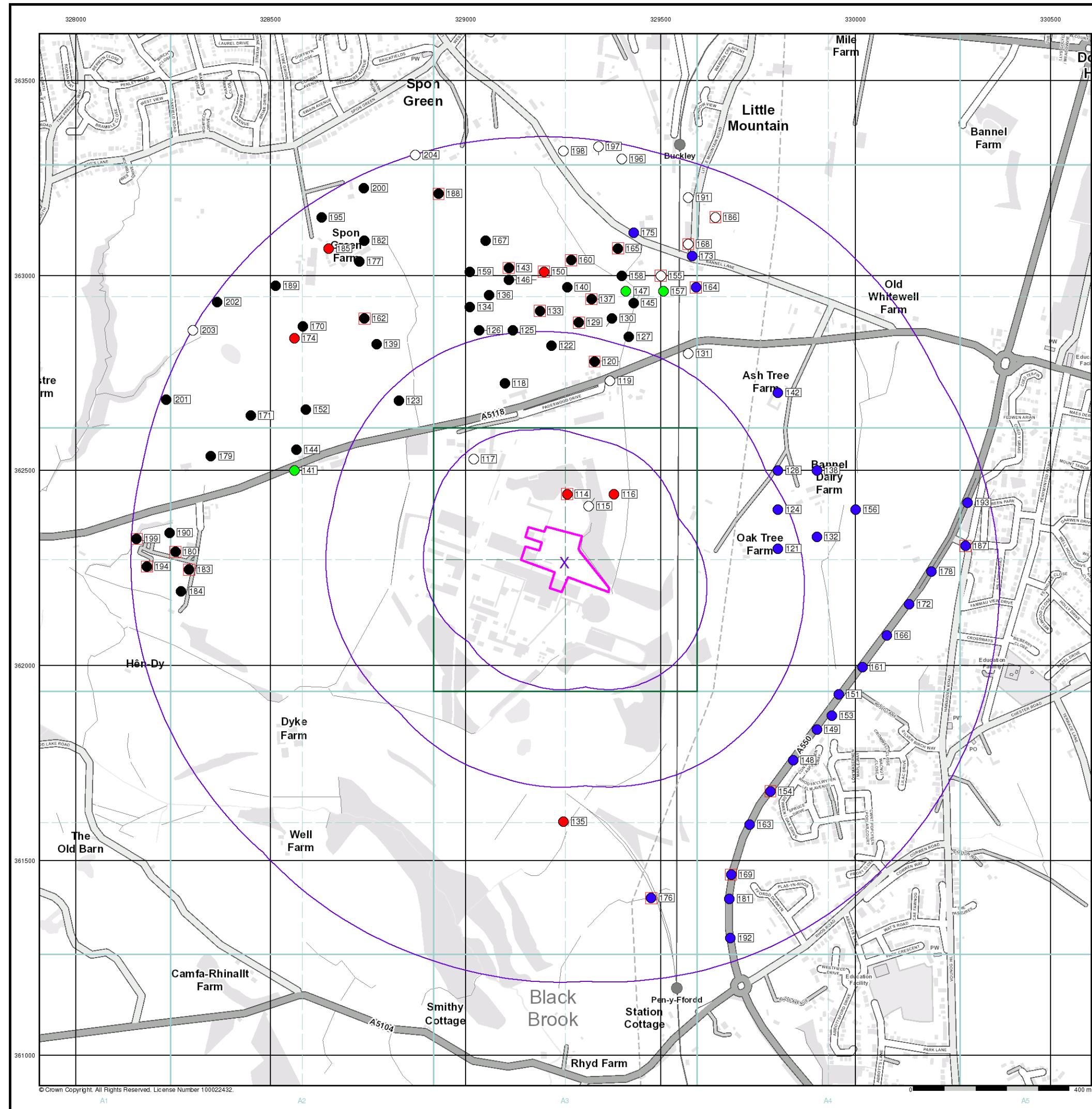
Site Details

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- Bearing Reference Point
- Map ID
- Several of Type at Location

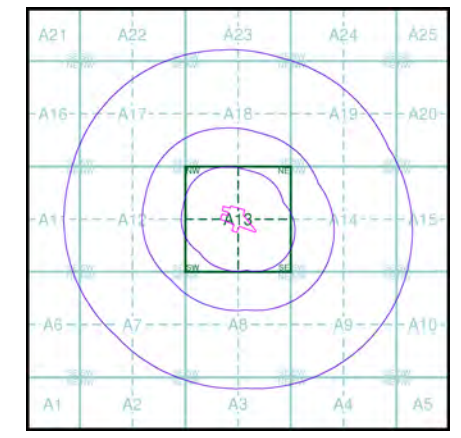
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

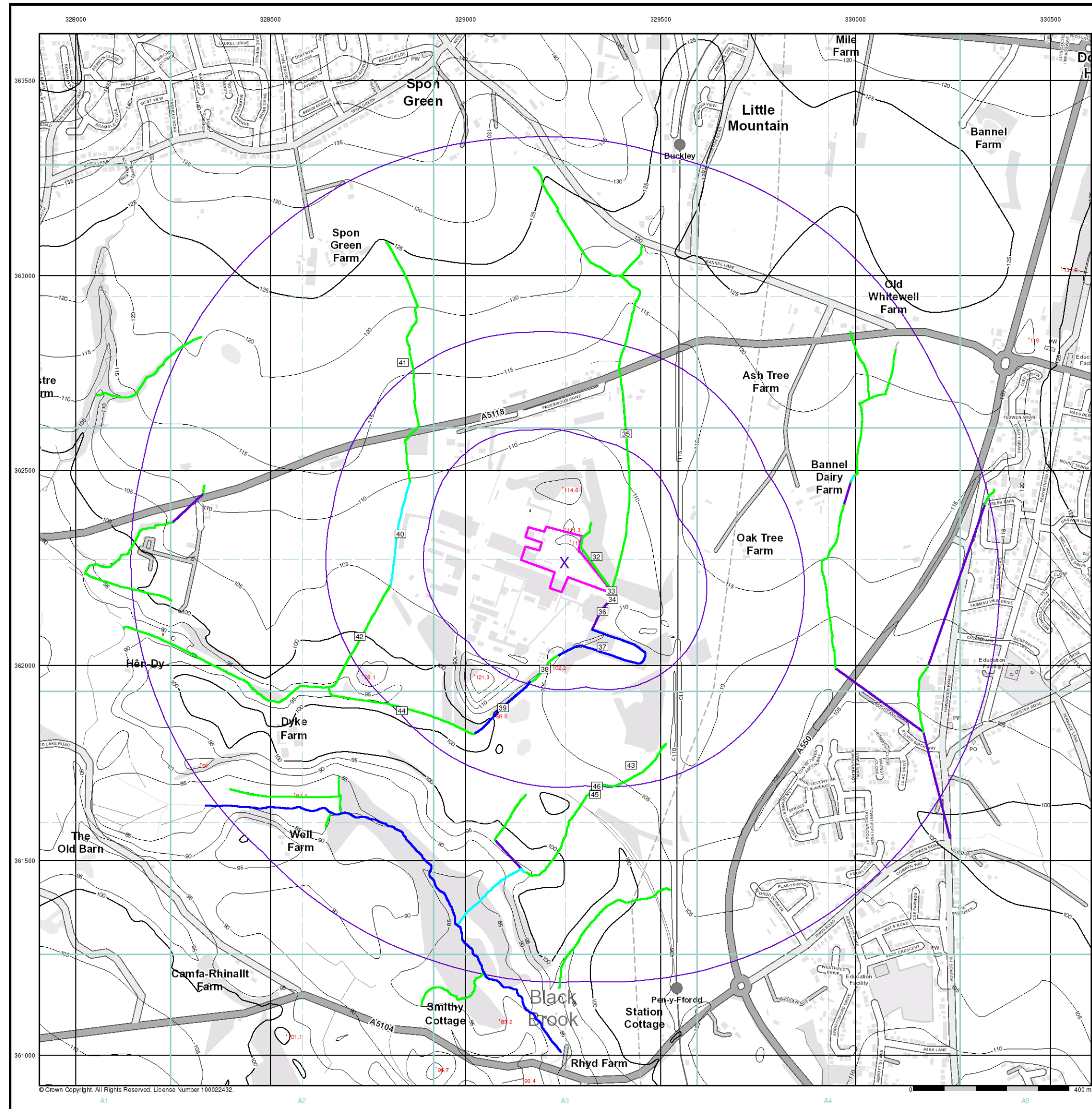


Order Details

Order Number: 115921196_1_1
Customer Ref: 1773079
National Grid Reference: 329250, 362260
Slice: A
Site Area (Ha): 1.89
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Site Details

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- Map ID

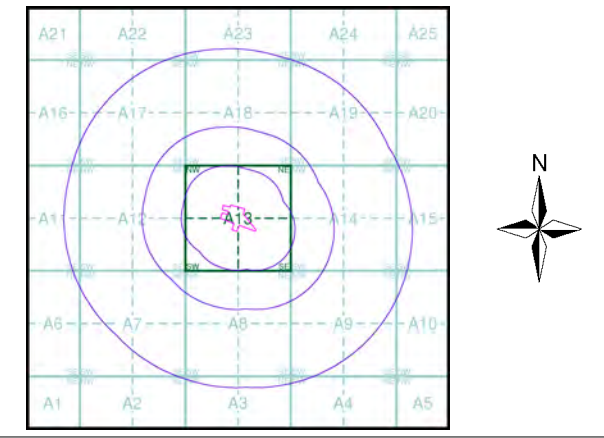
Detailed River Network Data

- | | |
|--------------------------|-------------------------------------|
| Primary River | Extended Culvert (greater than 50m) |
| Secondary River | Underground River (inferred) |
| Tertiary River | Underground River (local knowledge) |
| Canal | Downstream of High Water Mark |
| Canal Tunnel | Downstream of Seaward Extension |
| Undefined River | Not assigned River feature |
| Lake/Reservoir | |
| Offline Drainage Feature | |

Contours (height in metres)

- Standard Contour 105 100 95
- Master Contour 105 100 95
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

E/ANRW Detailed River Network Map - Slice A



Order Details

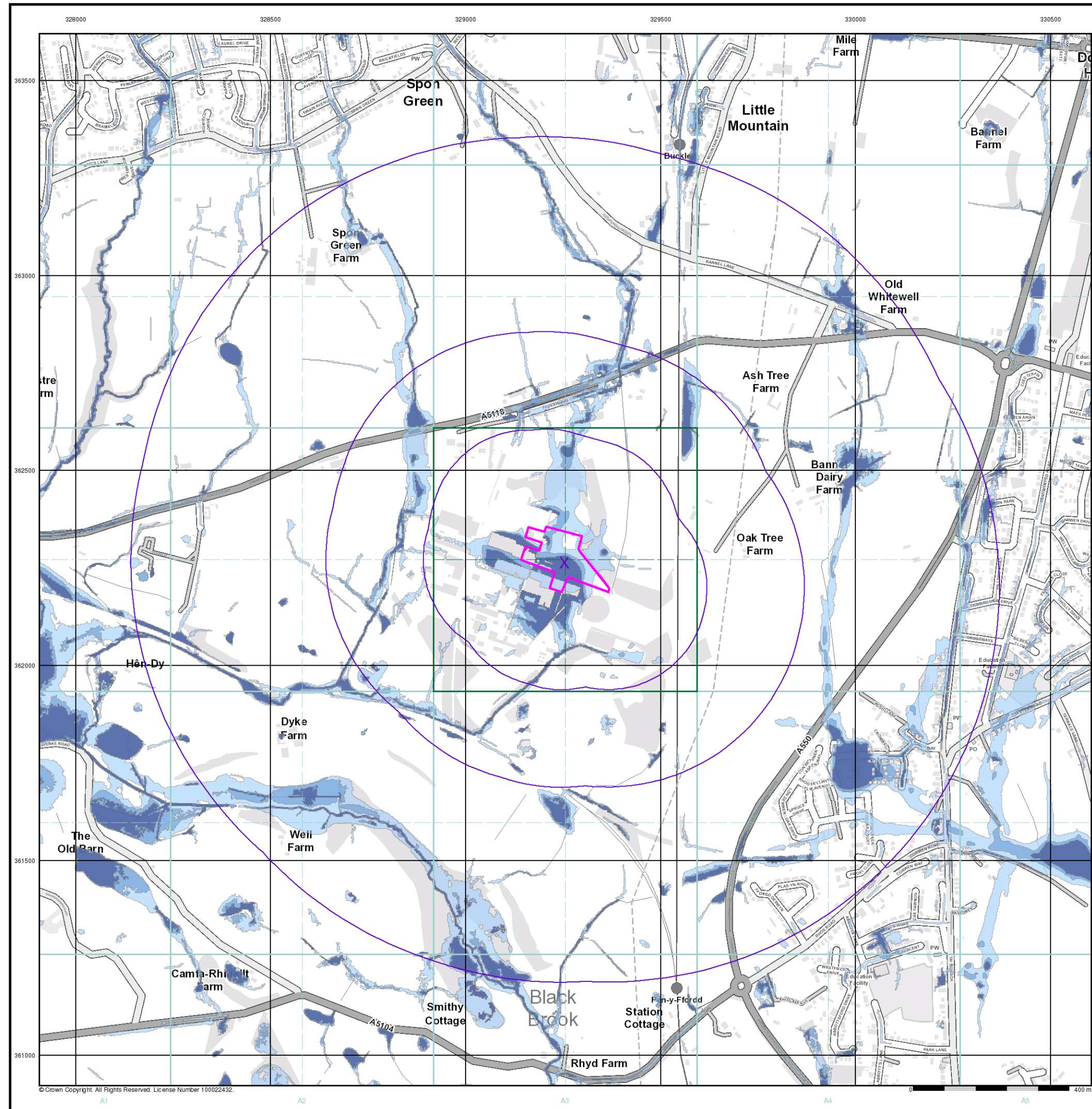
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General

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

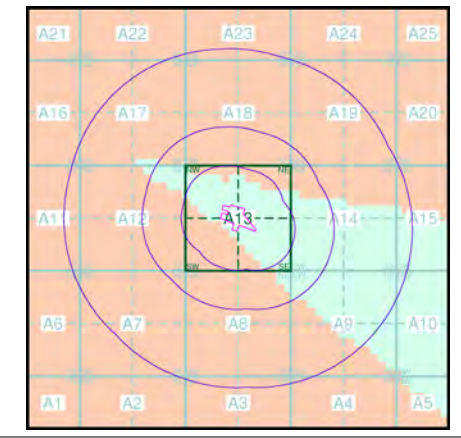
Risk of Flooding from Surface Water

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

Suitability

- See the suitability map below
- National to county
 - County to town
 - Town to street
 - Street to parcels of land
 - Property

EANRW Suitability Map - Slice A



Order Details

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Site Details

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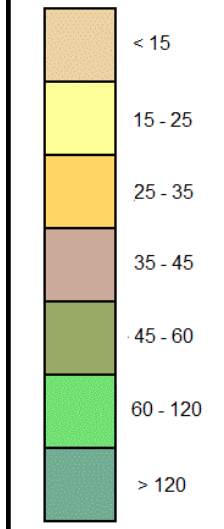
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General

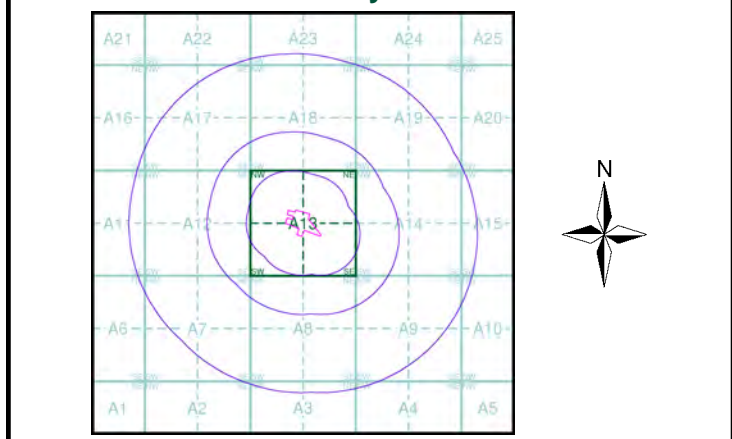
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 115921196_1_1
Customer Ref: 1773079
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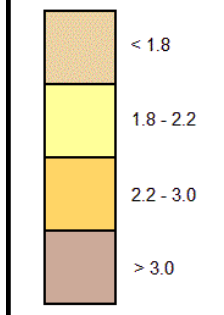
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General

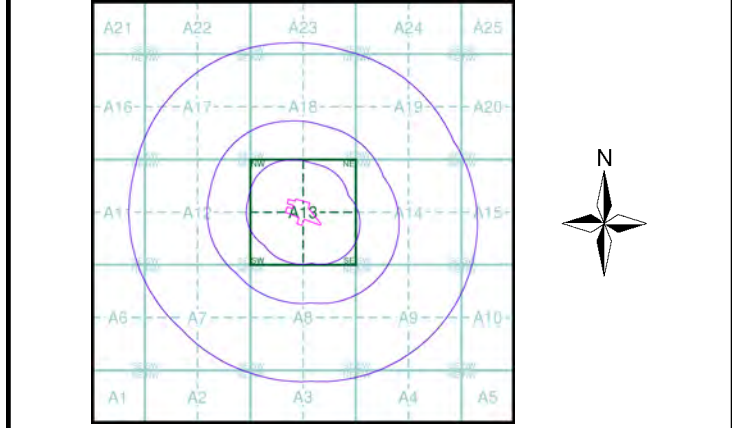
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

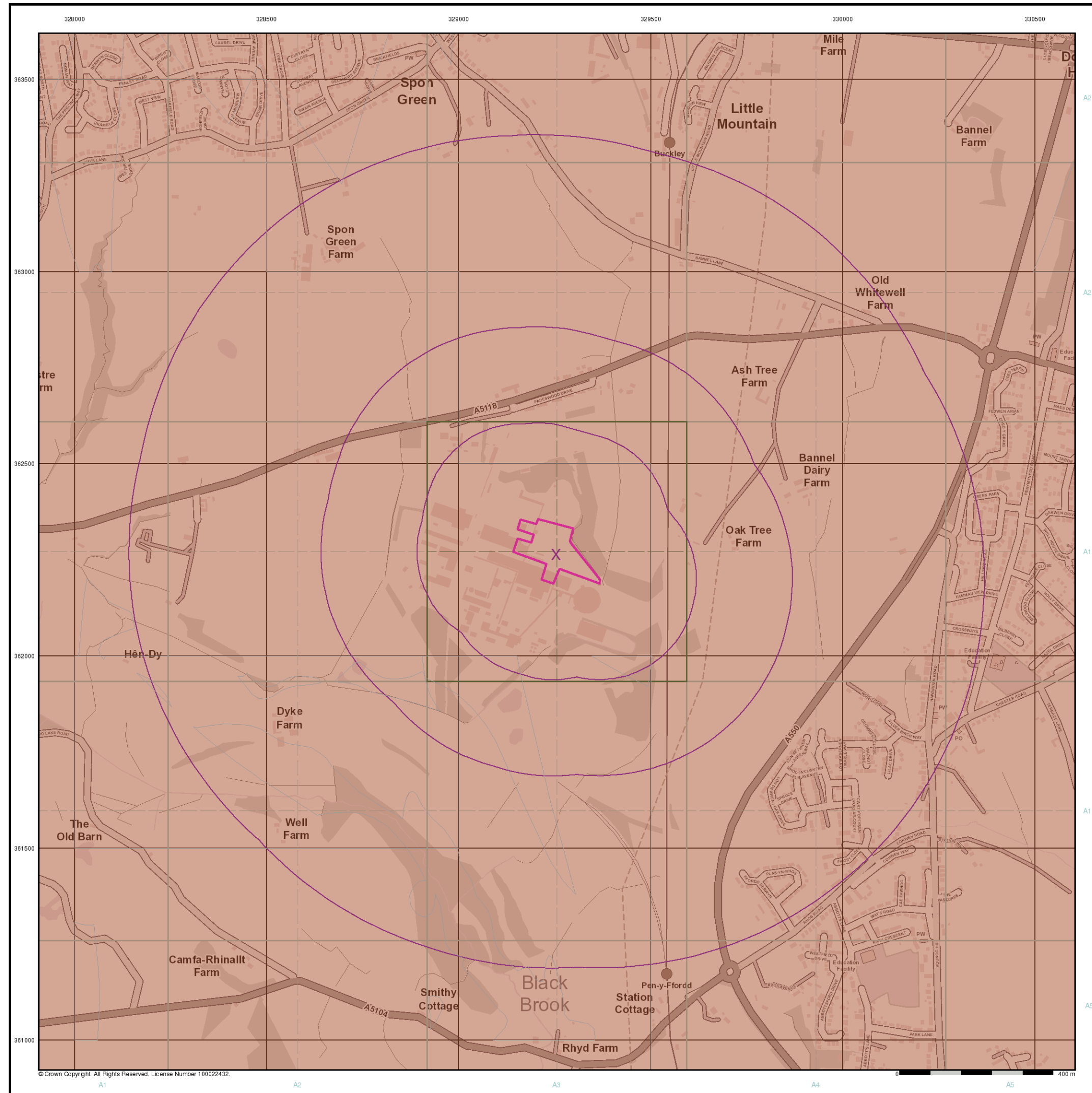
Order Details: 115921196_1_1
Customer Ref: 1773079
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General

Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

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

Estimated Soil Chemistry Chromium - Slice A

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Site Details

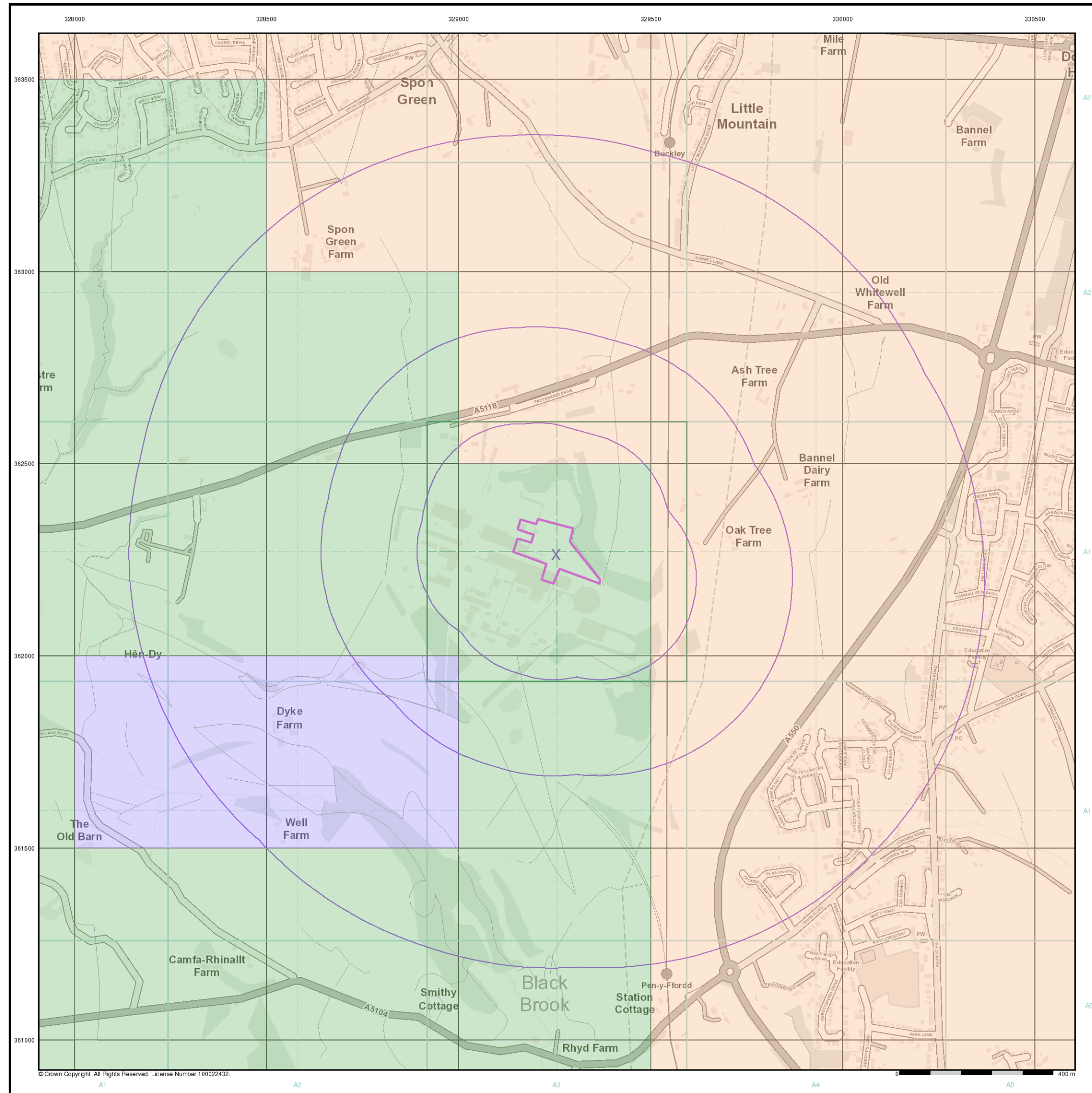
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General

Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

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

Estimated Soil Chemistry Lead - Slice A

Order Details

Order Details:	115921196_1_1
Customer Ref:	1773079
National Grid Reference:	329250, 362260
Slice:	A
Site Area (Ha):	1.89
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Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

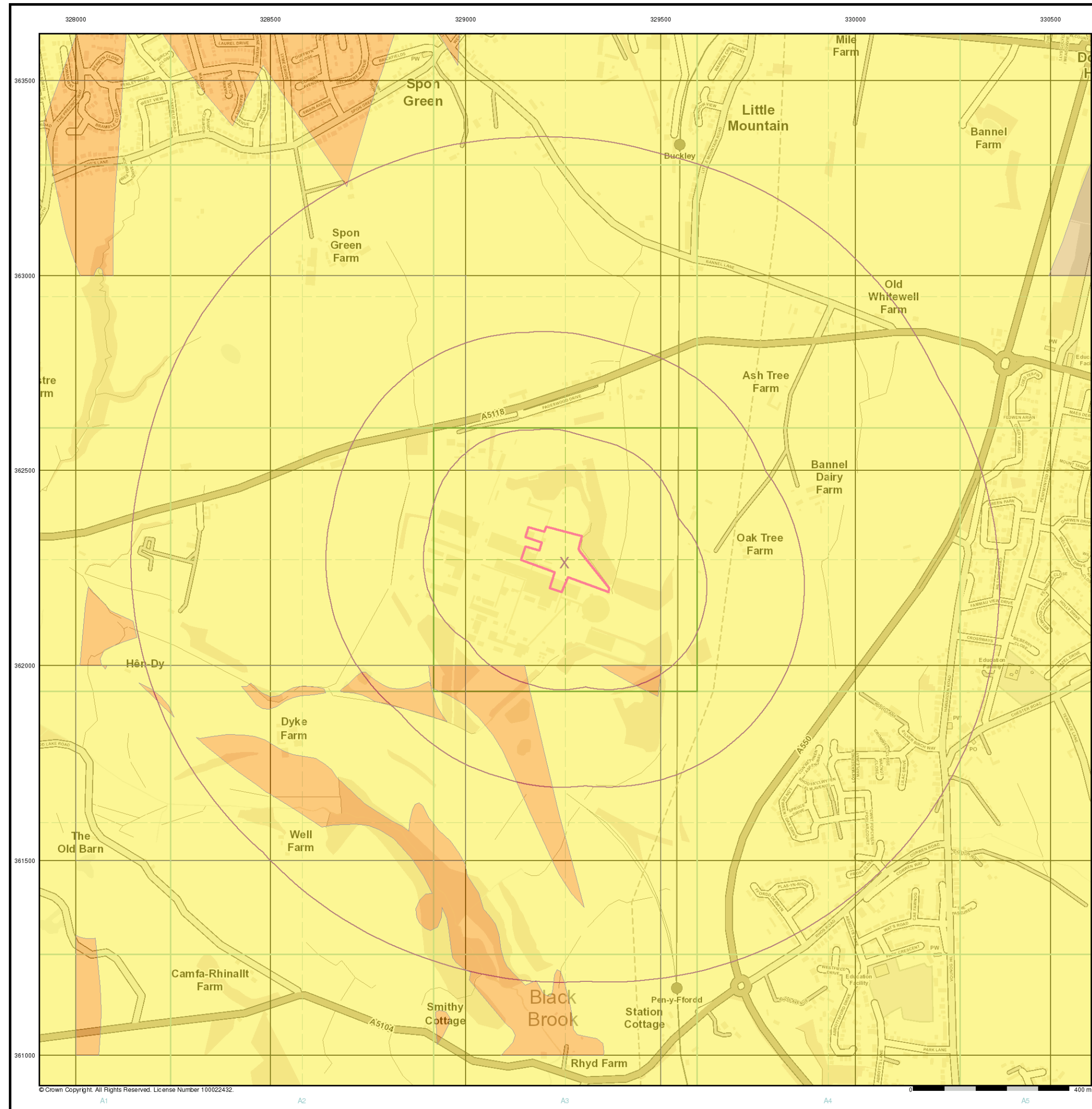
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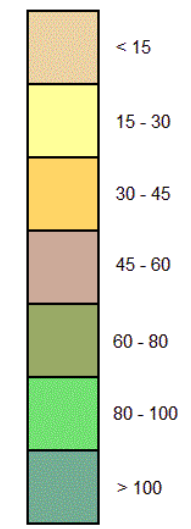
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General

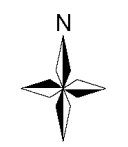
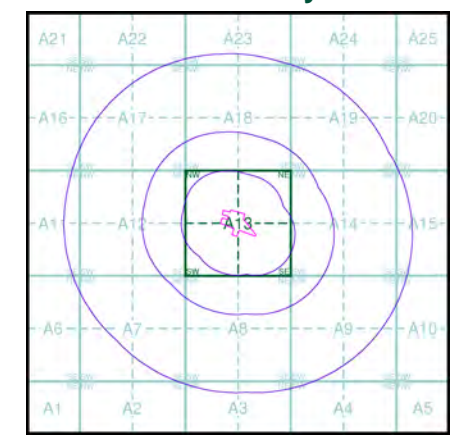
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 115921196_1_1
Customer Ref: 1773079
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Slice: A
Site Area (Ha): 1.89
Search Buffer (m): 1000

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

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

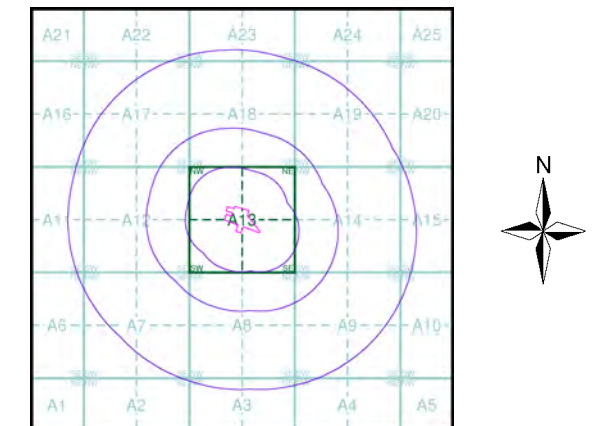
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Flintshire	1:10,560	1871	2
Flintshire	1:10,560	1881	3
Cheshire	1:10,560	1900	4
Flintshire	1:10,560	1900	5
Flintshire	1:10,560	1914	6
Cheshire	1:10,560	1914	7
Flintshire	1:10,560	1938	8
Flintshire	1:10,560	1954	9
Ordnance Survey Plan	1:10,000	1954	10
Ordnance Survey Plan	1:10,000	1964 - 1966	11
Ordnance Survey Plan	1:10,000	1968 - 1969	12
Ordnance Survey Plan	1:10,000	1975	13
Ordnance Survey Plan	1:10,000	1983	14
Ordnance Survey Plan	1:10,000	1991	15
10K Raster Mapping	1:10,000	1999 - 2000	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2017	18

Historical Map - Slice A



Order Details

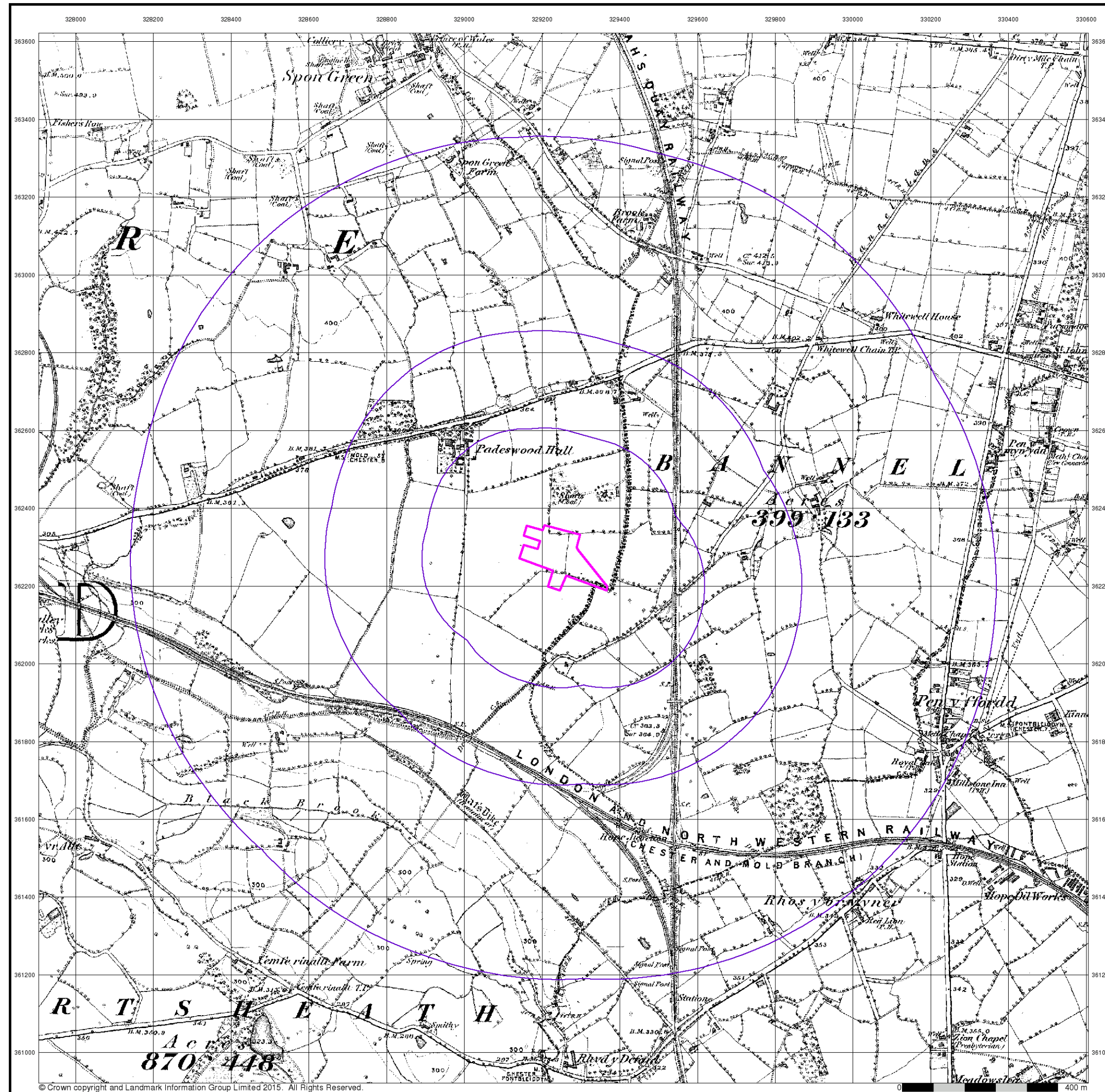
Order Number: 115921196_1_1
Customer Ref: 1773079
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Slice: A
Site Area (Ha): 1.89
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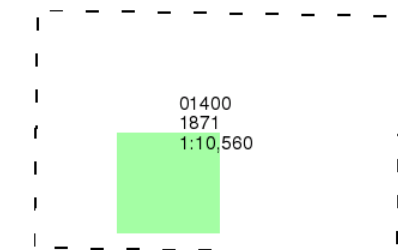
Flintshire

Published 1871

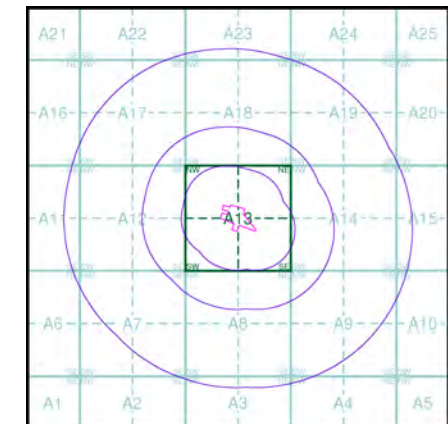
Source map scale - 1:10,560

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 A

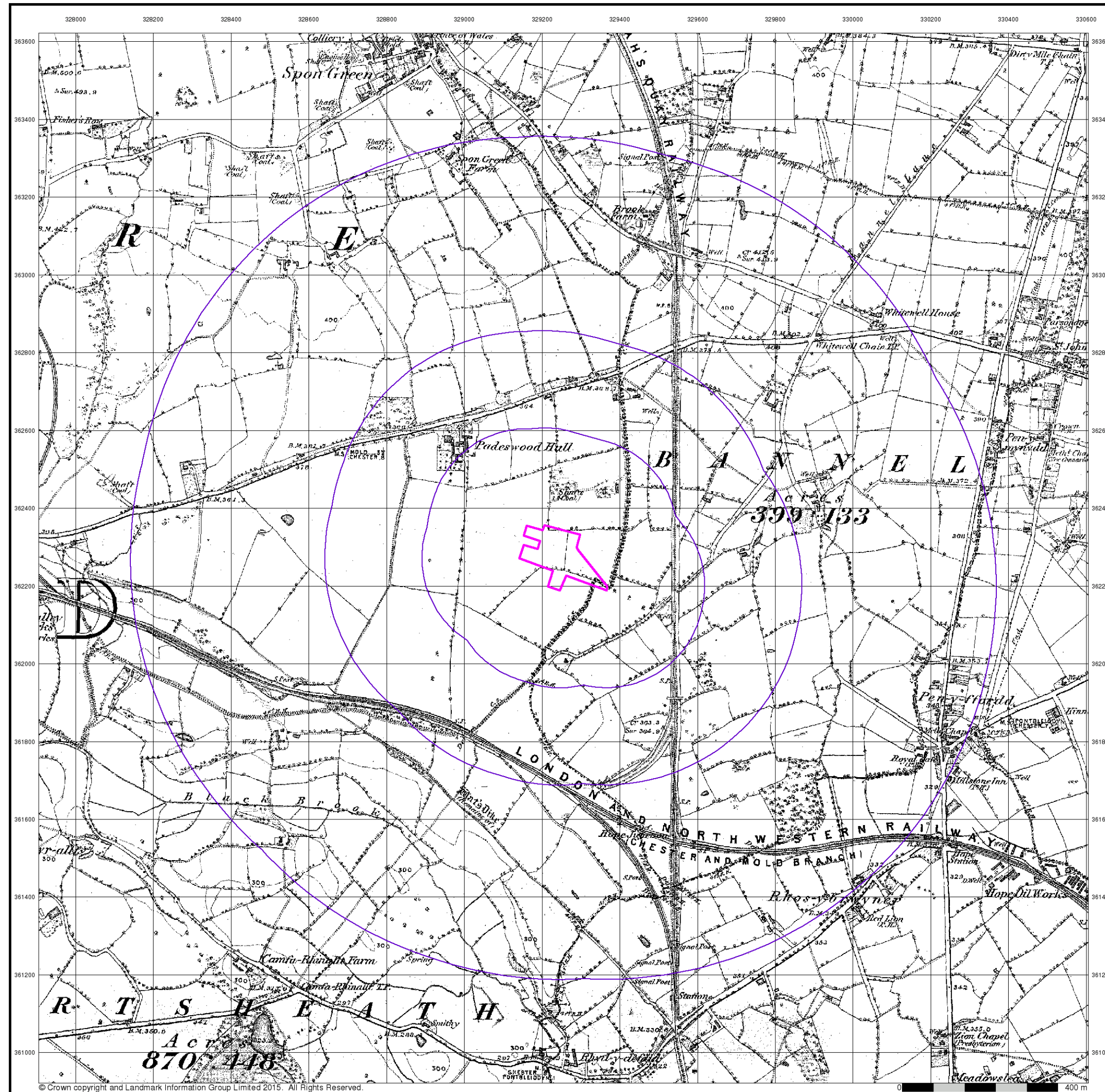


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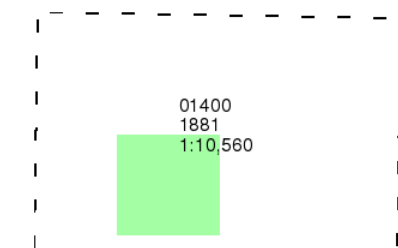
Flintshire

Published 1881

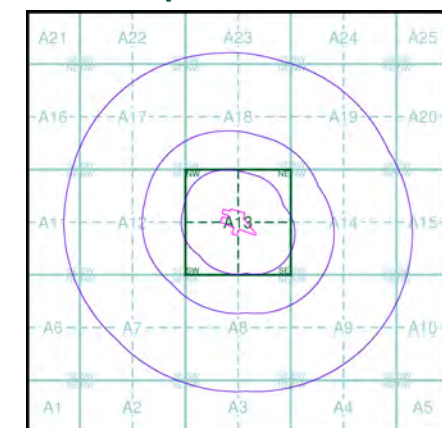
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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



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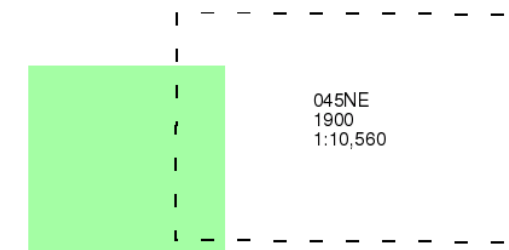
Cheshire

Published 1900

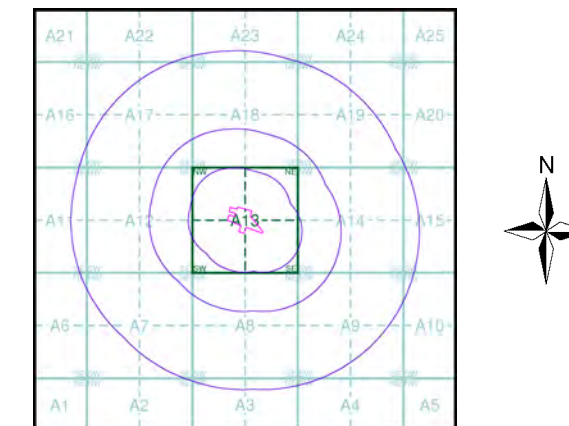
Source map scale - 1:10,560

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 A



Order Details

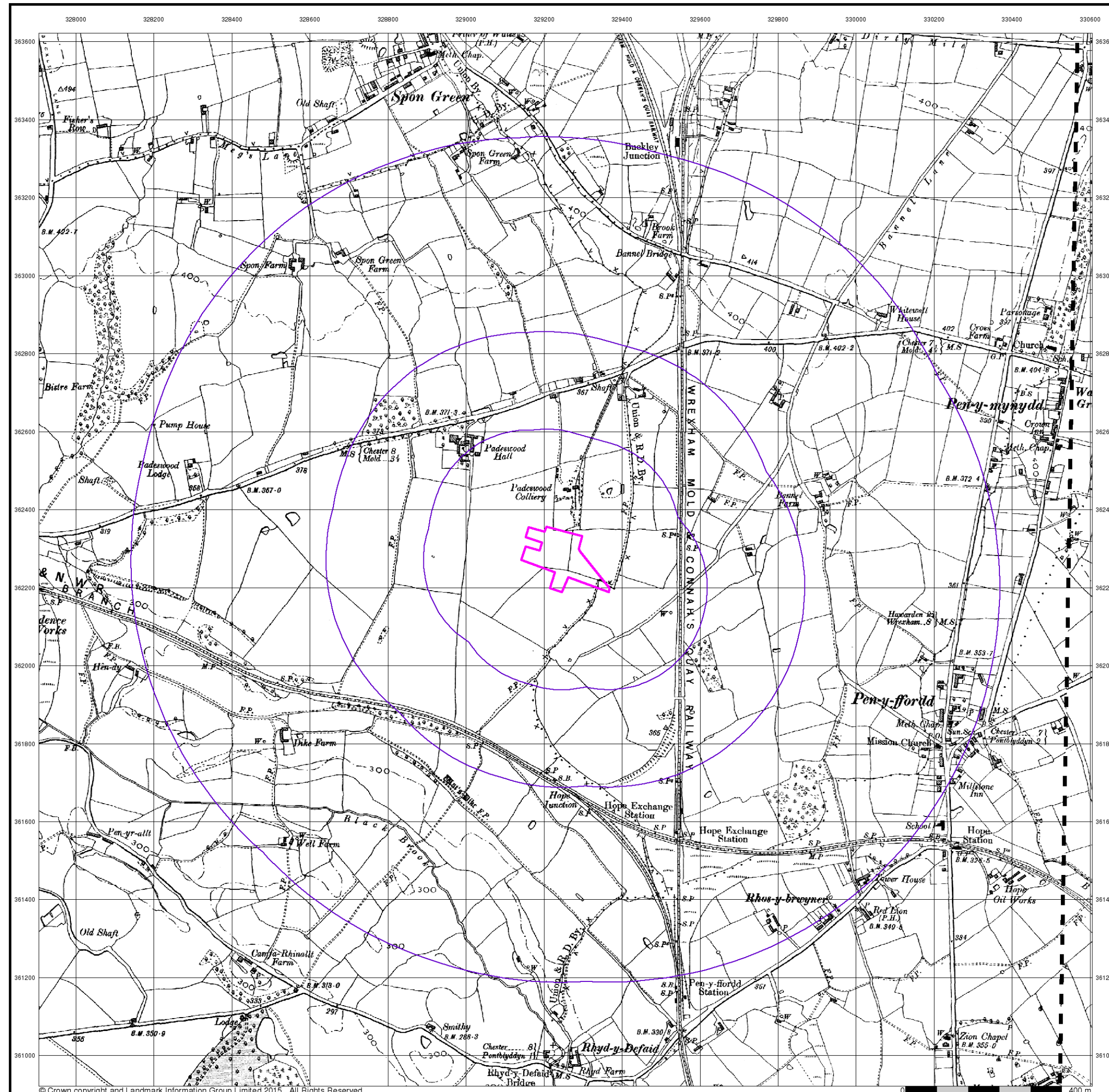
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Customer Ref: 1773079
National Grid Reference: 329250, 362260
Slice: A
Site Area (Ha): 1.89
Search Buffer (m): 1000

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road,
Padeswood, MOLD, CH7 4HB

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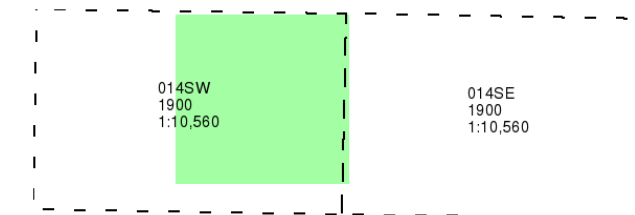
Flintshire

Published 1900

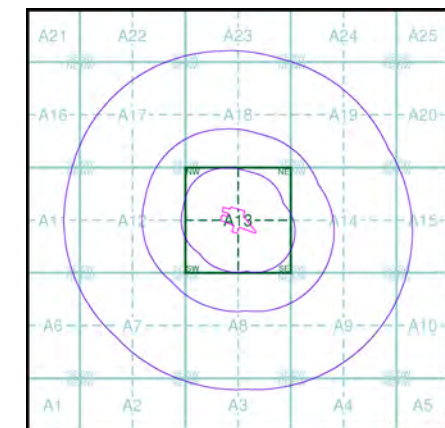
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

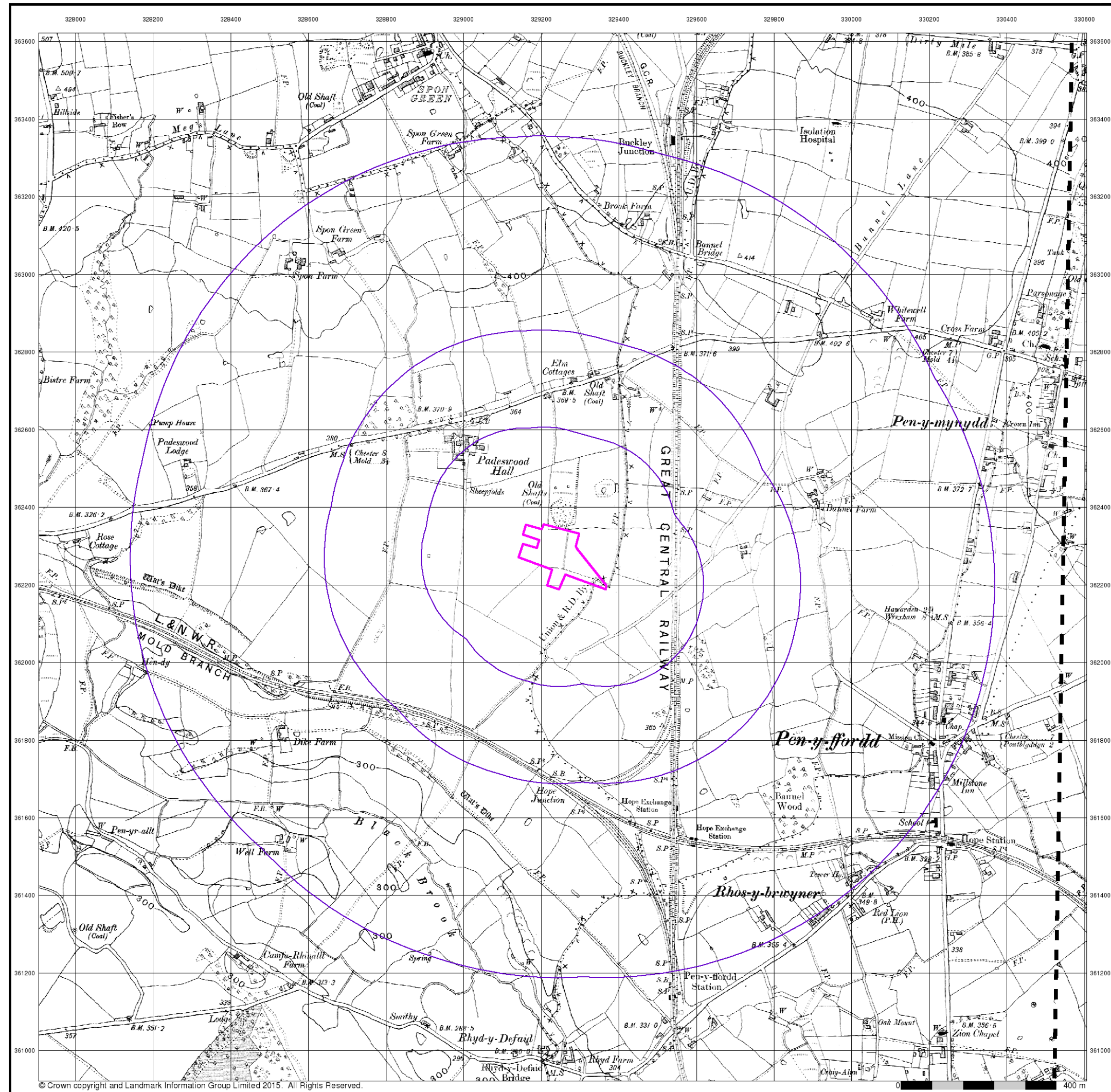
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Slice: A
Site Area (Ha): 1.89
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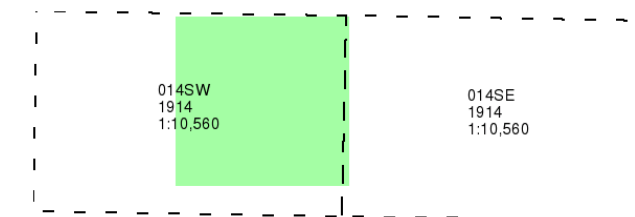
Flintshire

Published 1914

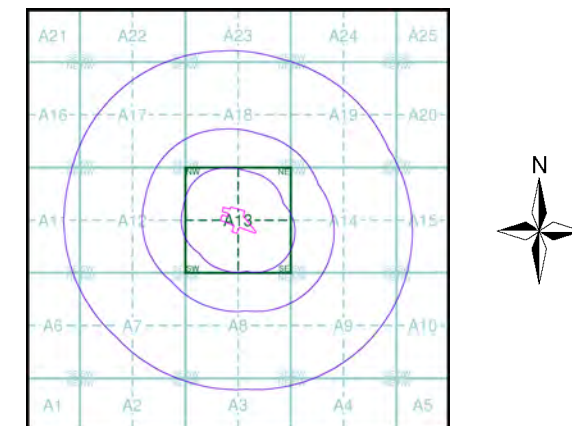
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Map Name(s) and Date(s)



Historical Map - Slice A

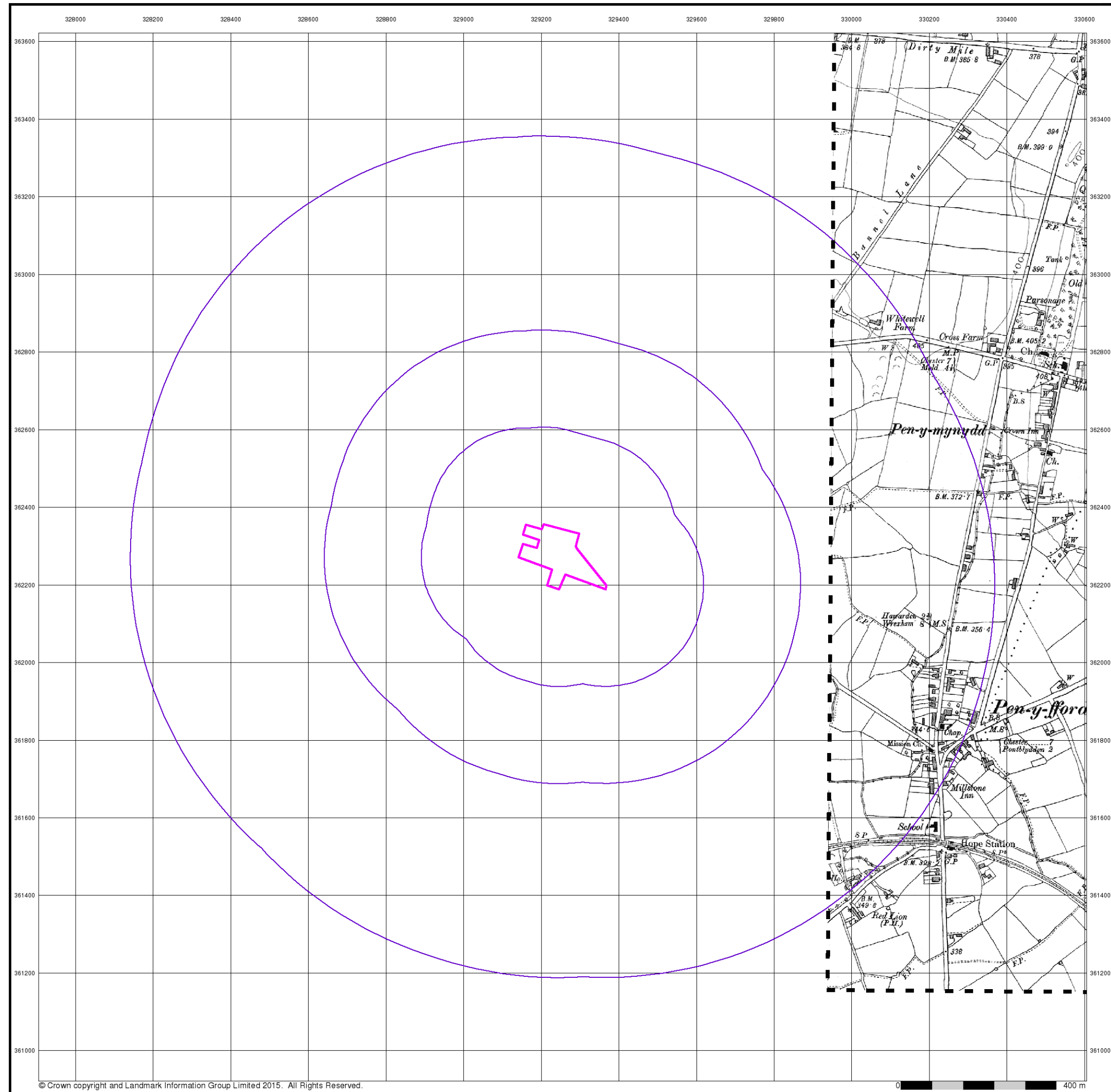


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Cheshire

Published 1914

Source map scale - 1:10,560

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

Map Name(s) and Date(s)

	045NE 1914 1:10,560
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Historical Map - Slice A

Order Details

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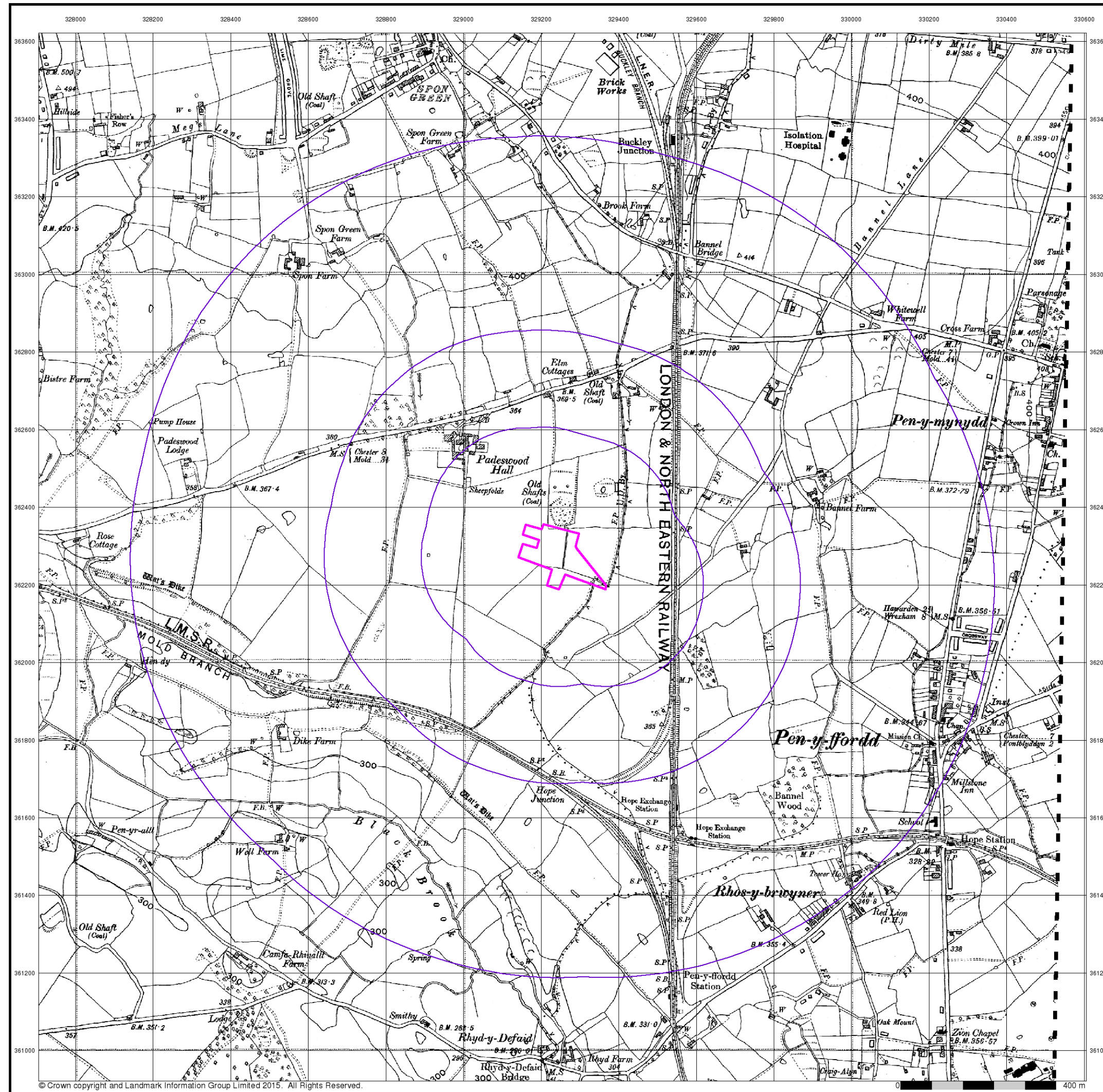
Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

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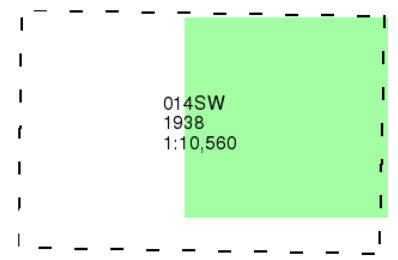
Flintshire

Published 1938

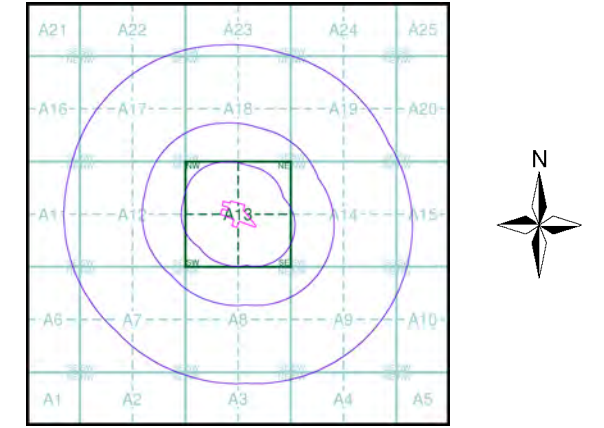
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Map Name(s) and Date(s)

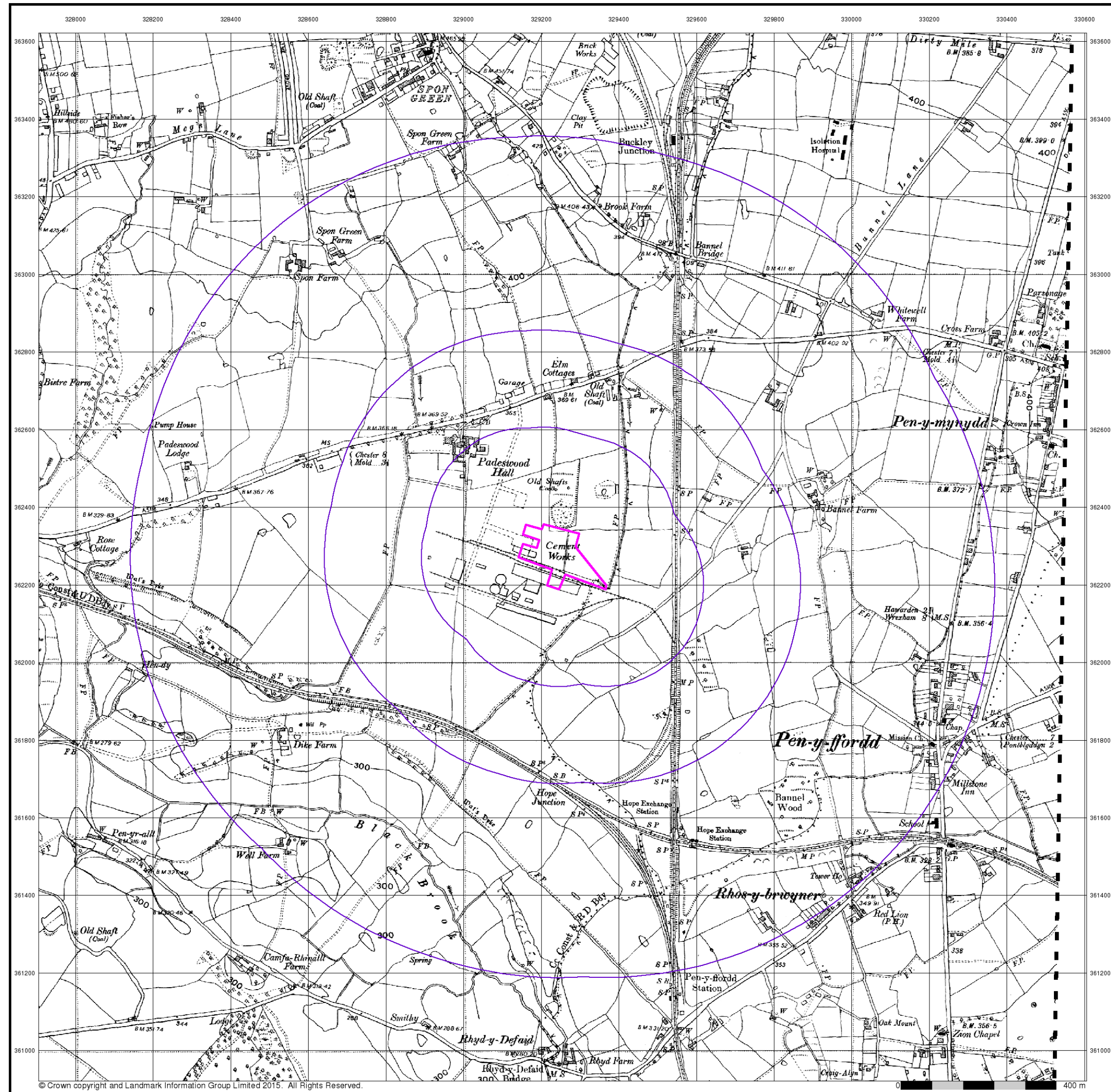


Historical Map - Slice A



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Search Buffer (m):	1000

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Hanson Cement Ltd, Padeswood Works, Chester Road,
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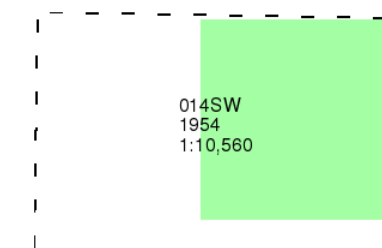
Flintshire

Published 1954

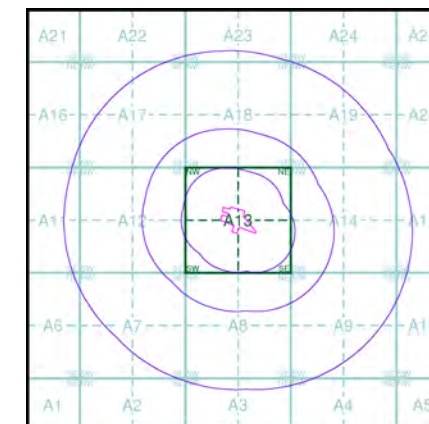
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A

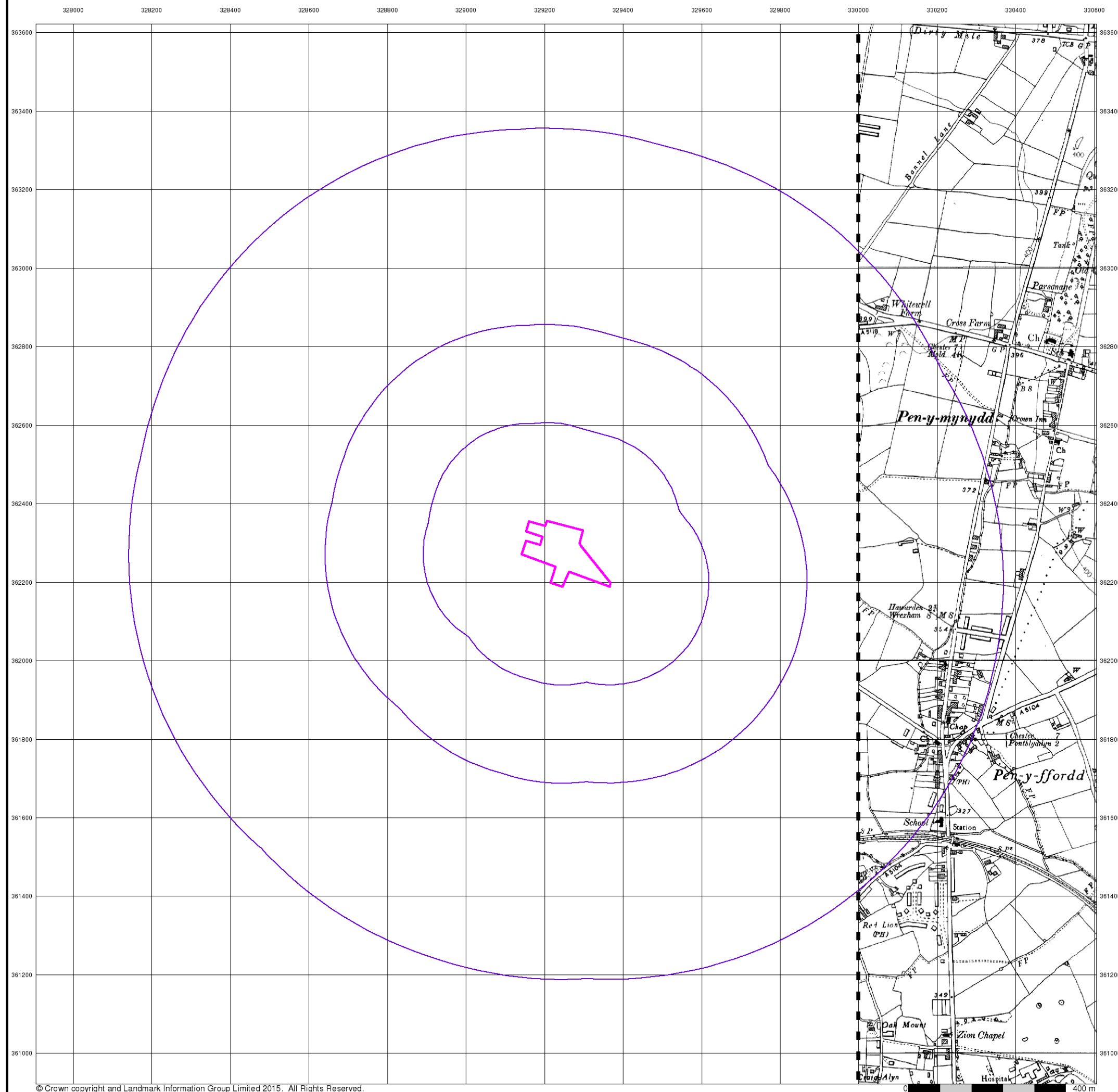


Order Details

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National Grid Reference: 329250, 362260
Slice: A
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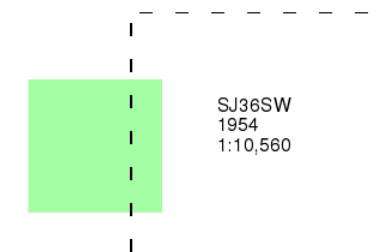
Ordinance Survey Plan

Published 1954

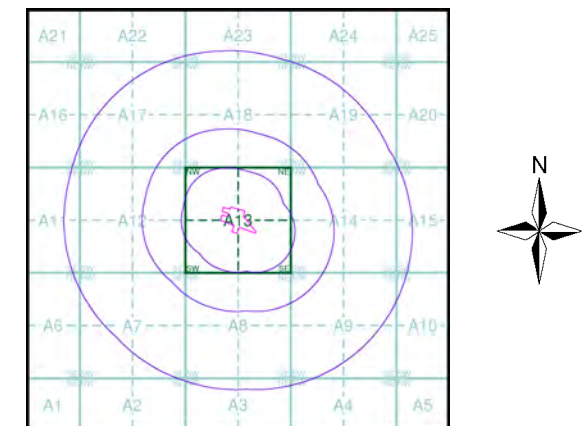
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

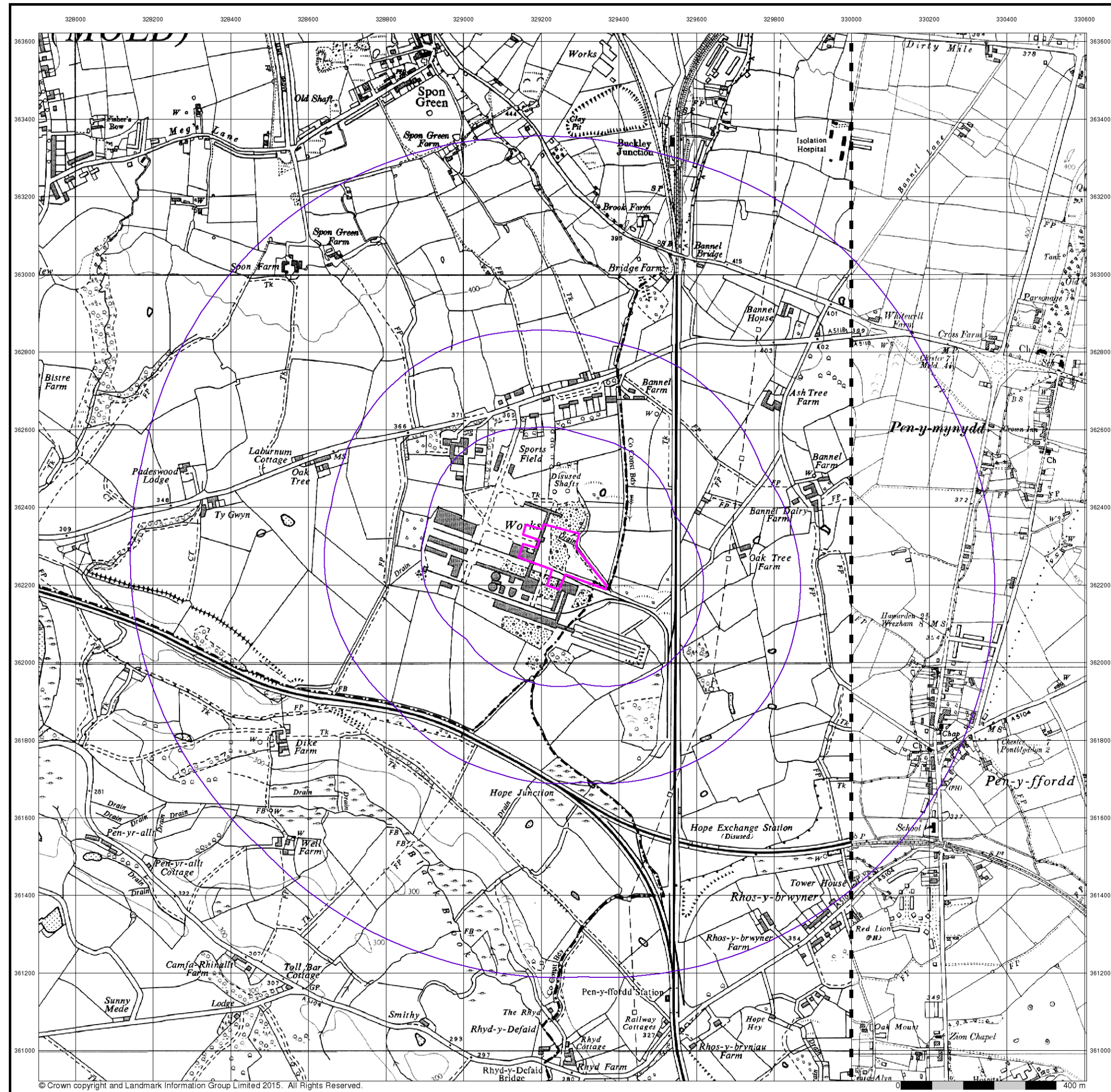
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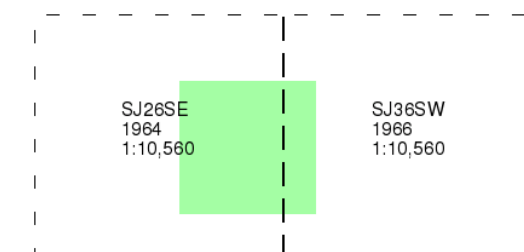
Ordnance Survey Plan

Published 1964 - 1966

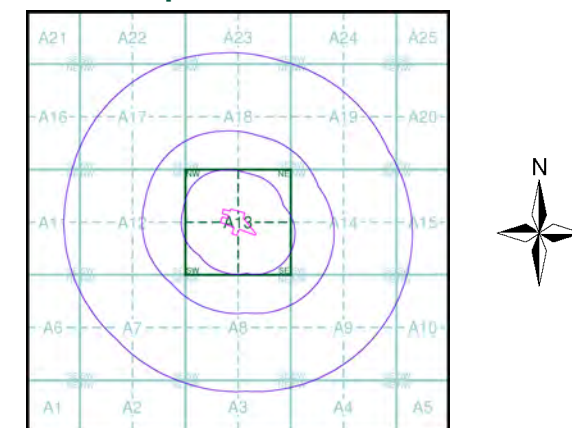
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Map Name(s) and Date(s)



Historical Map - Slice A

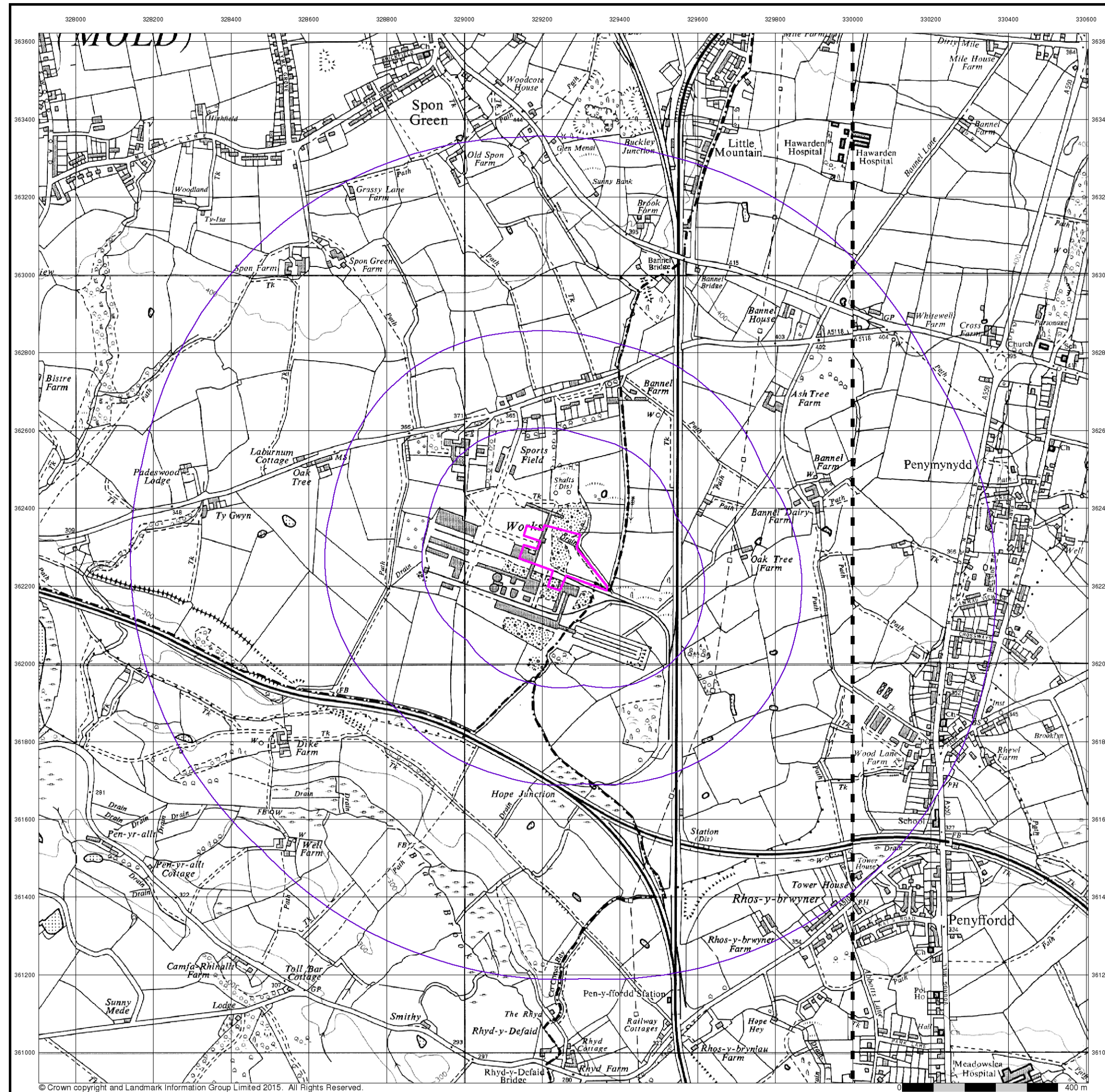


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Order Number:	115921196_1_1
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Site Area (Ha):	1.89
Search Buffer (m):	1000

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Ordnance Survey Plan

Published 1968 - 1969

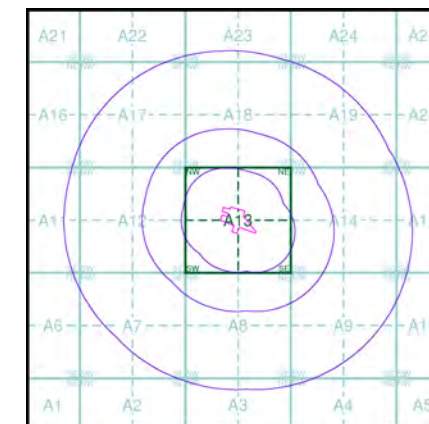
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Map Name(s) and Date(s)

SJ26SE 1968 1:10,560	SJ36SW 1969 1:10,560
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Historical Map - Slice A



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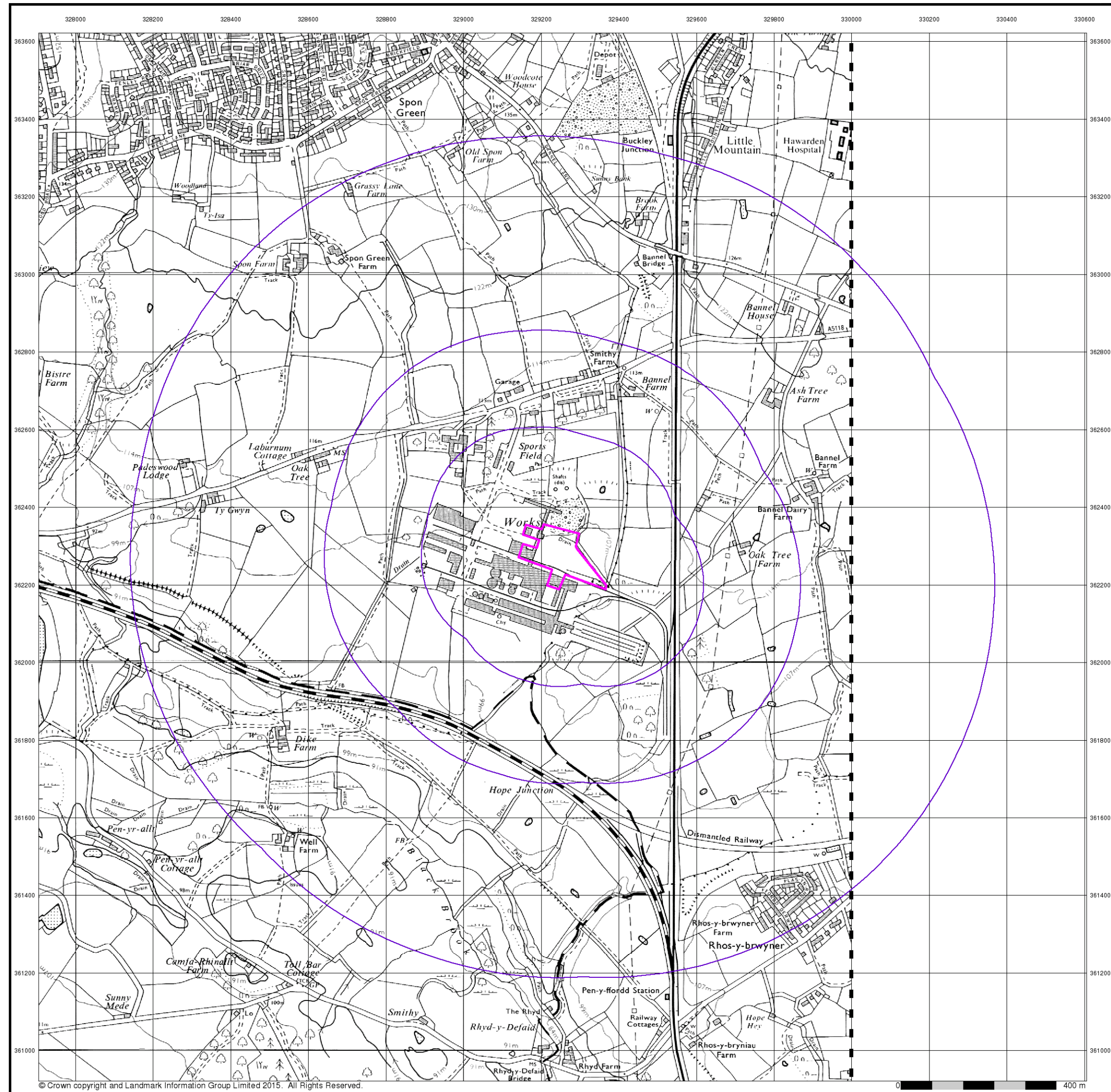
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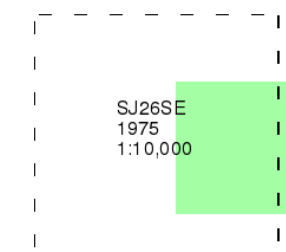
Ordnance Survey Plan

Published 1975

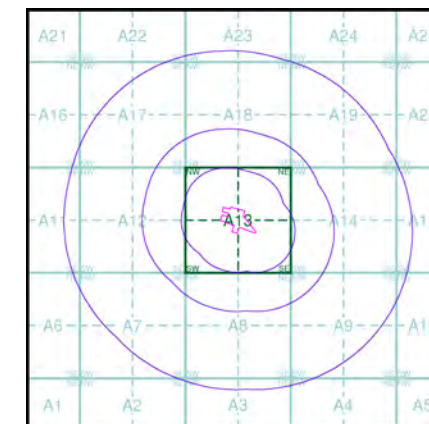
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Map Name(s) and Date(s)



Historical Map - Slice A

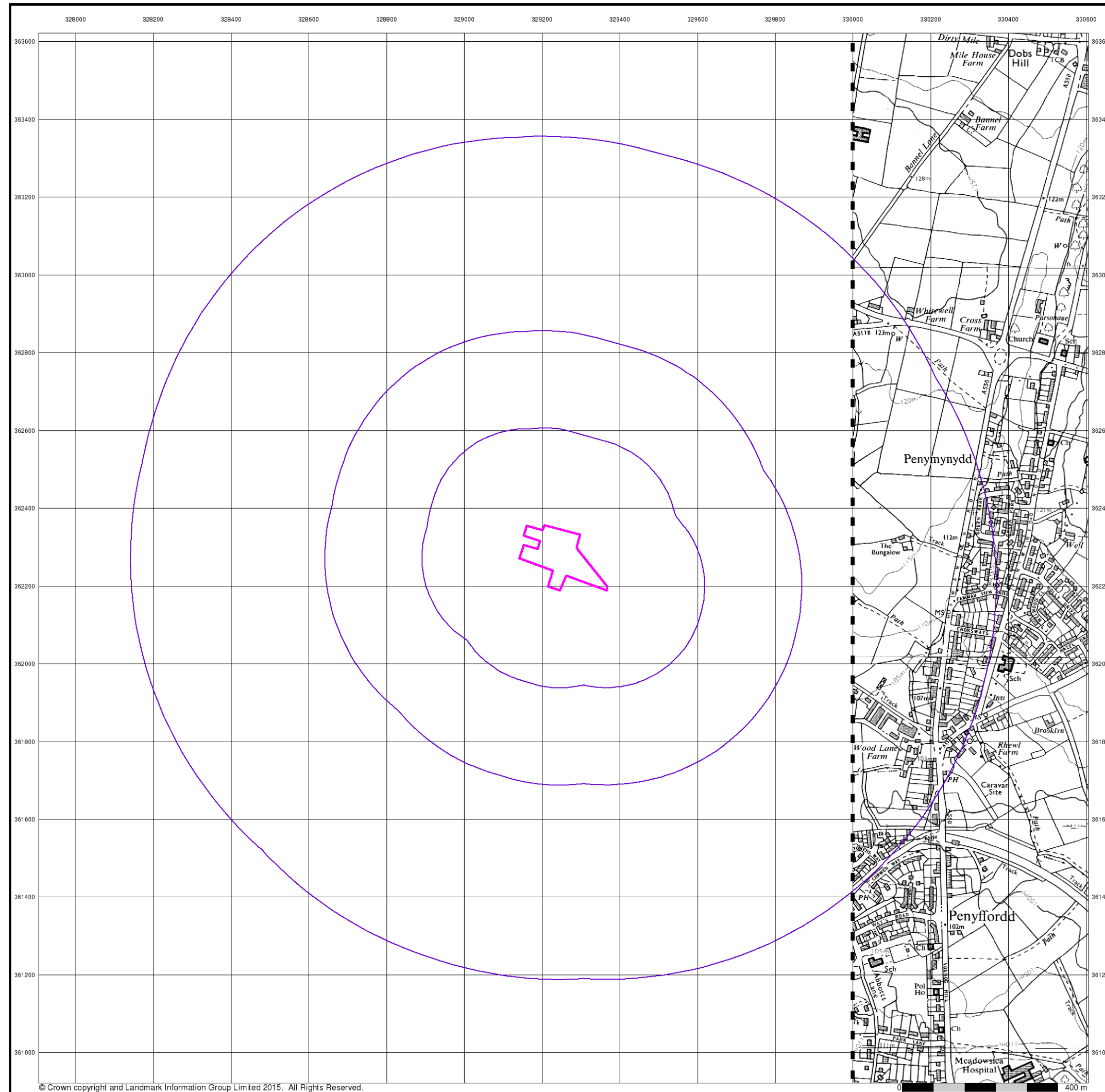


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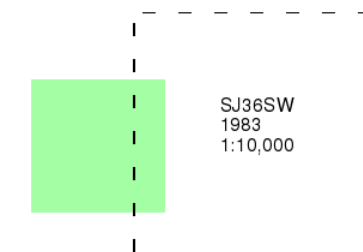
Ordnance Survey Plan

Published 1983

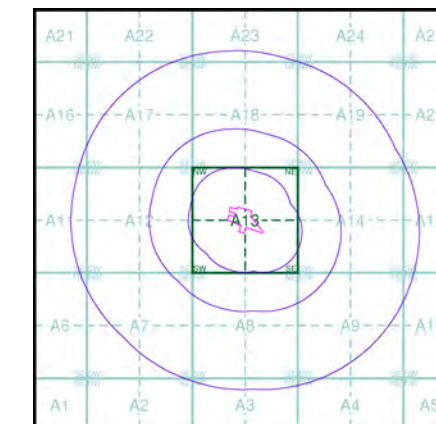
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Historical Map - Slice A

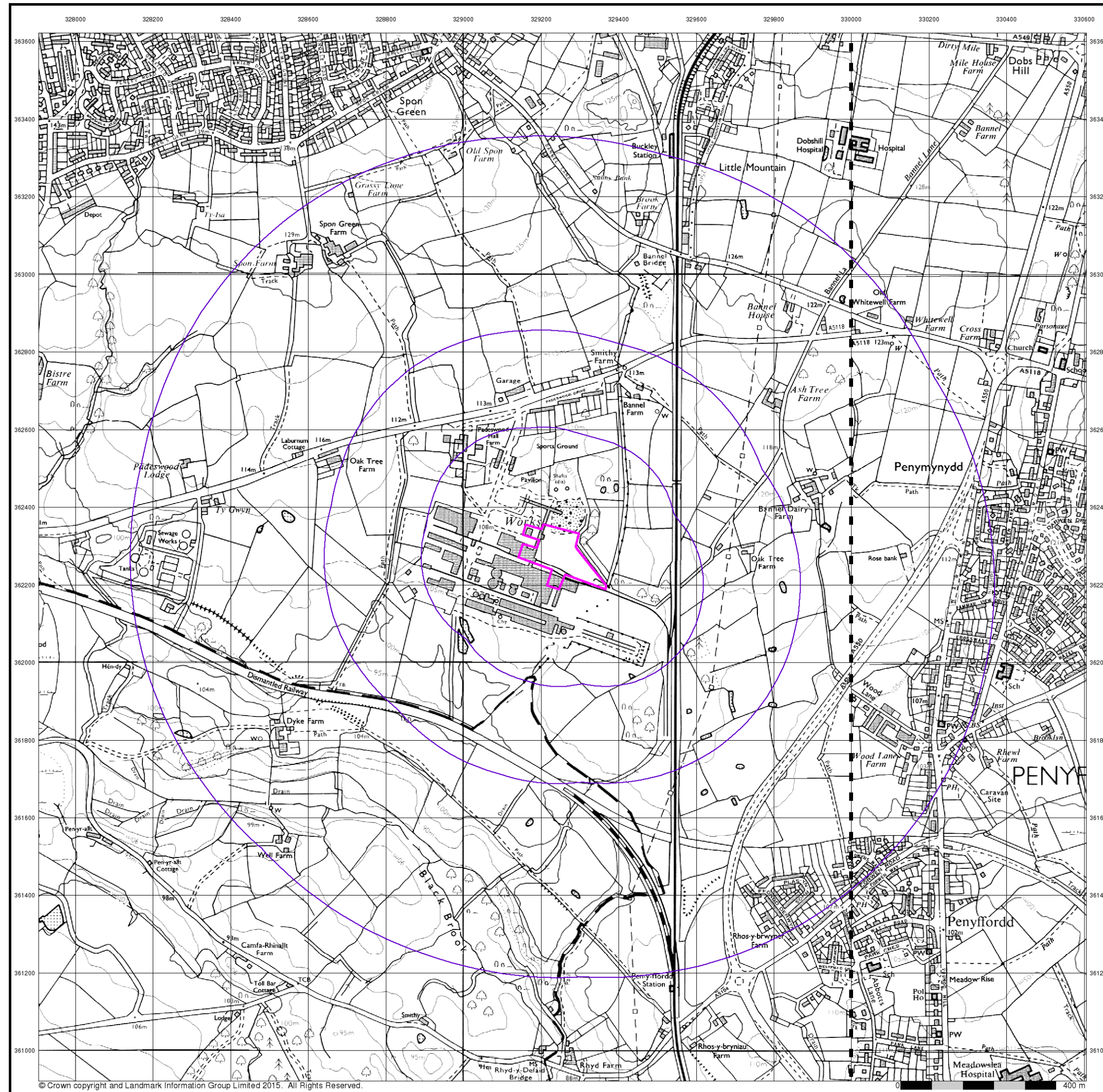


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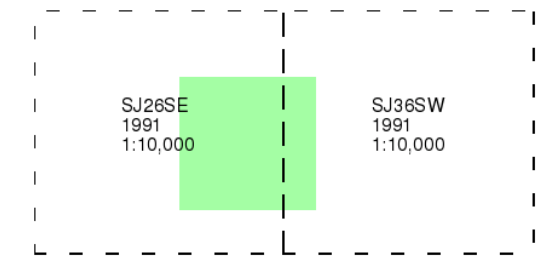
Ordnance Survey Plan

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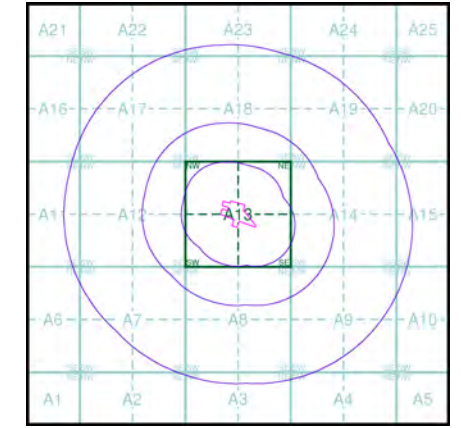
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Map Name(s) and Date(s)



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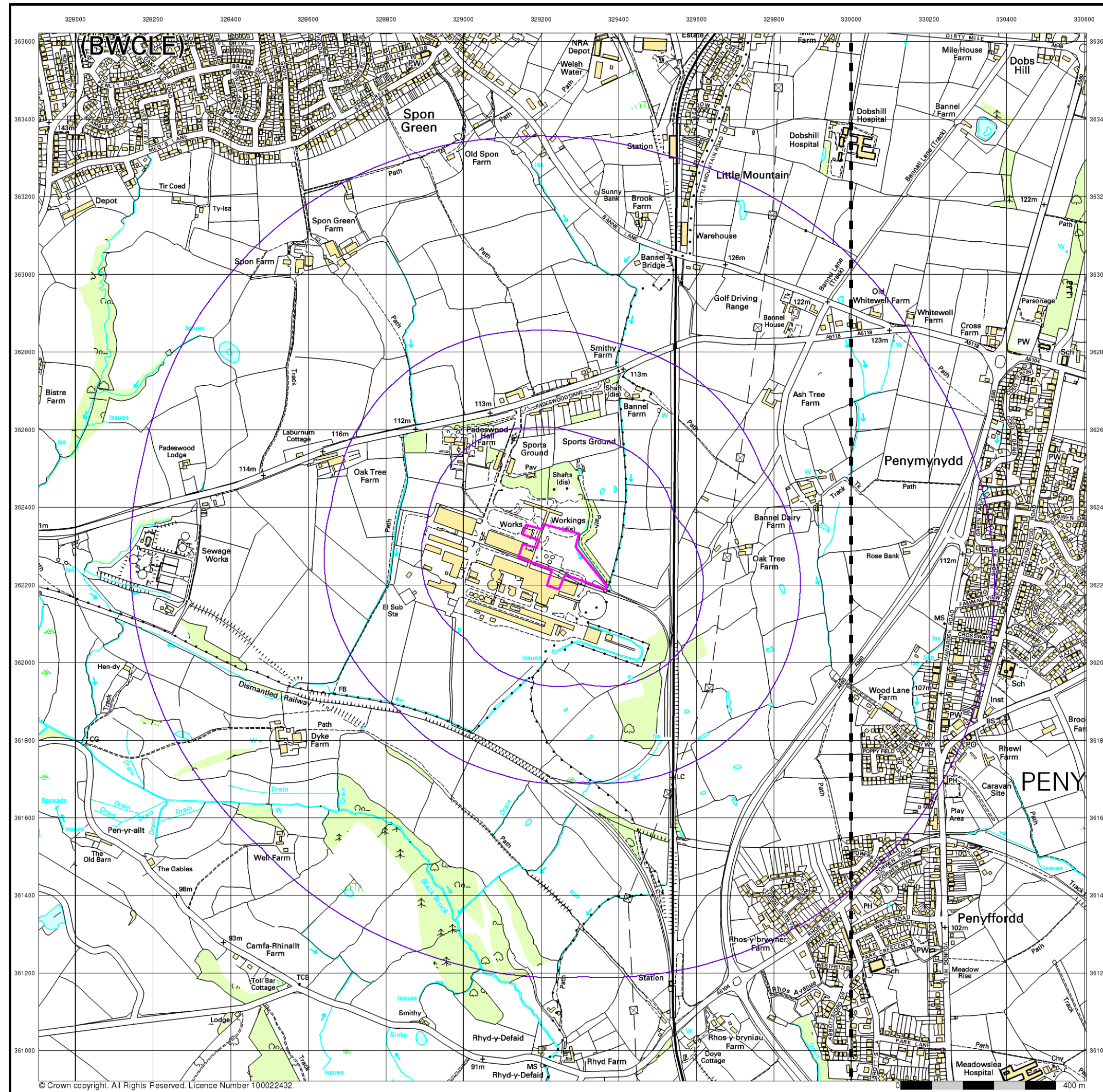


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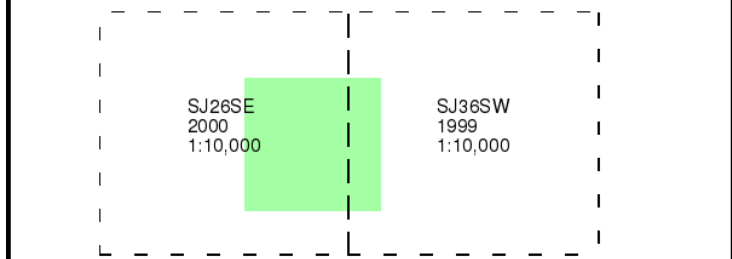
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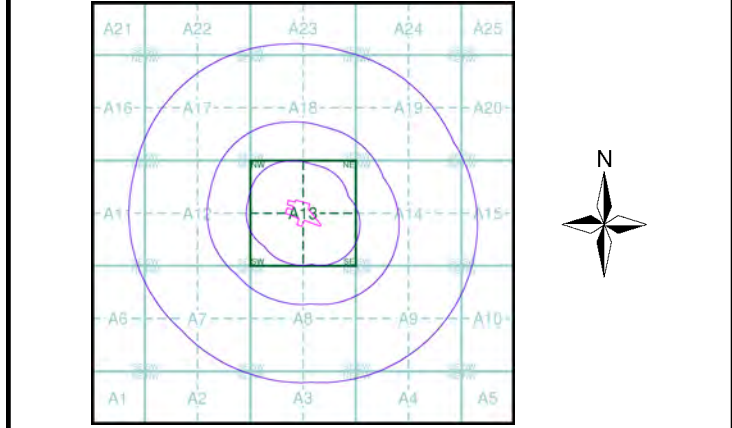
10k Raster Mapping
Published 1999 - 2000
Source map scale - 1:10,000

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)



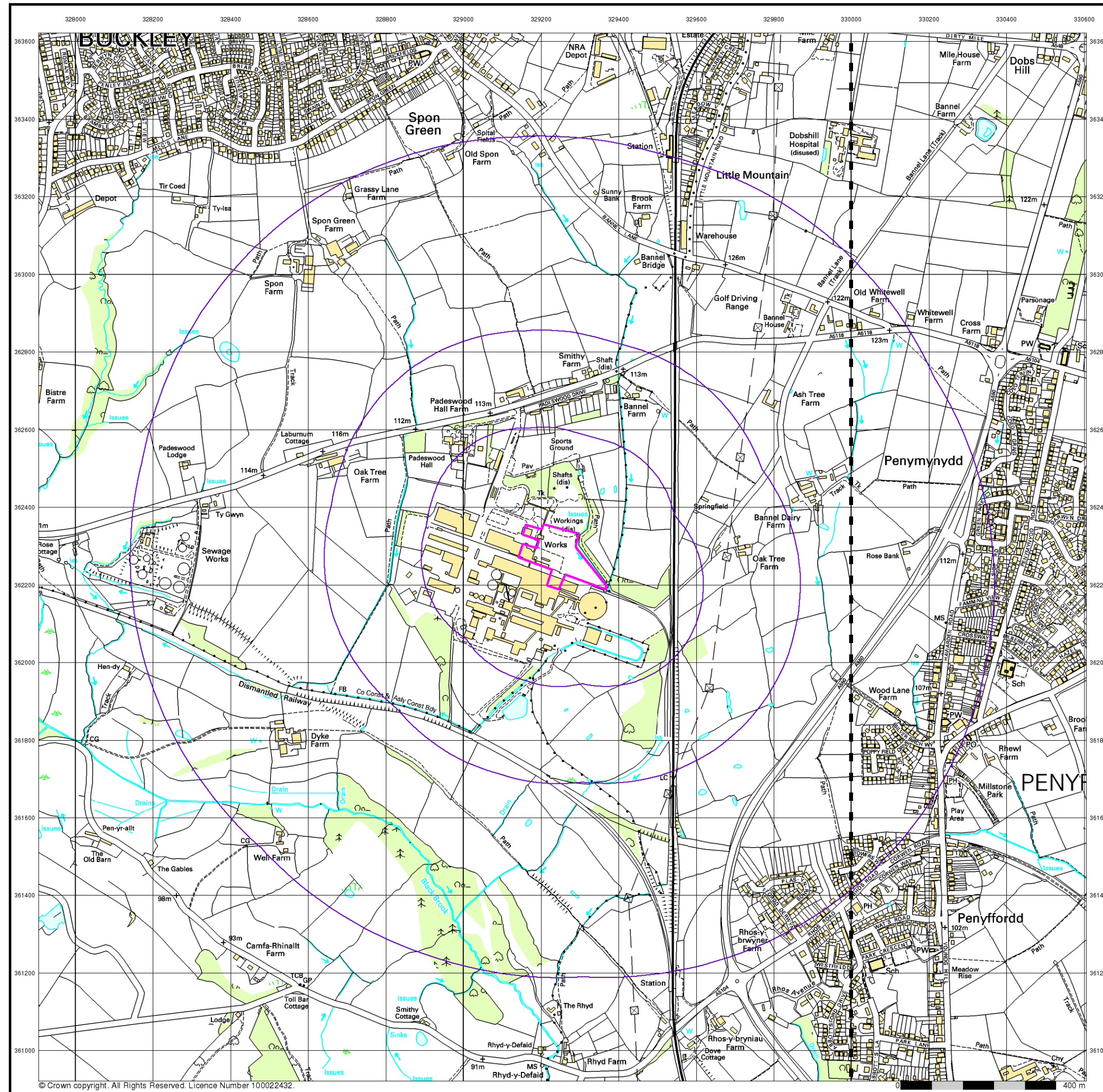
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Order Details
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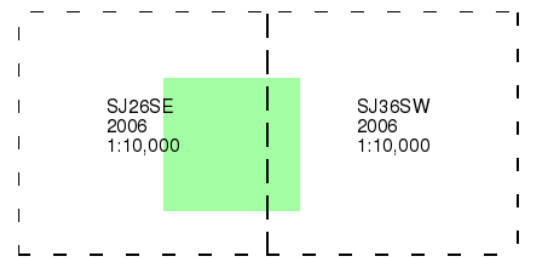
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Published 2006

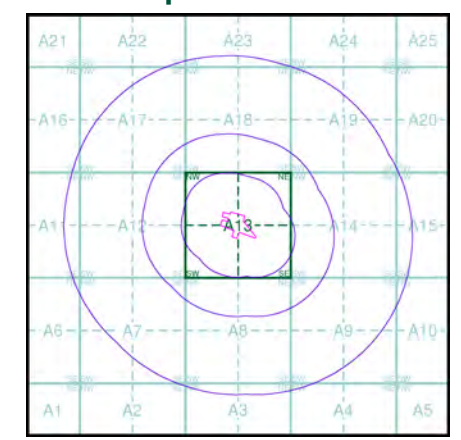
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

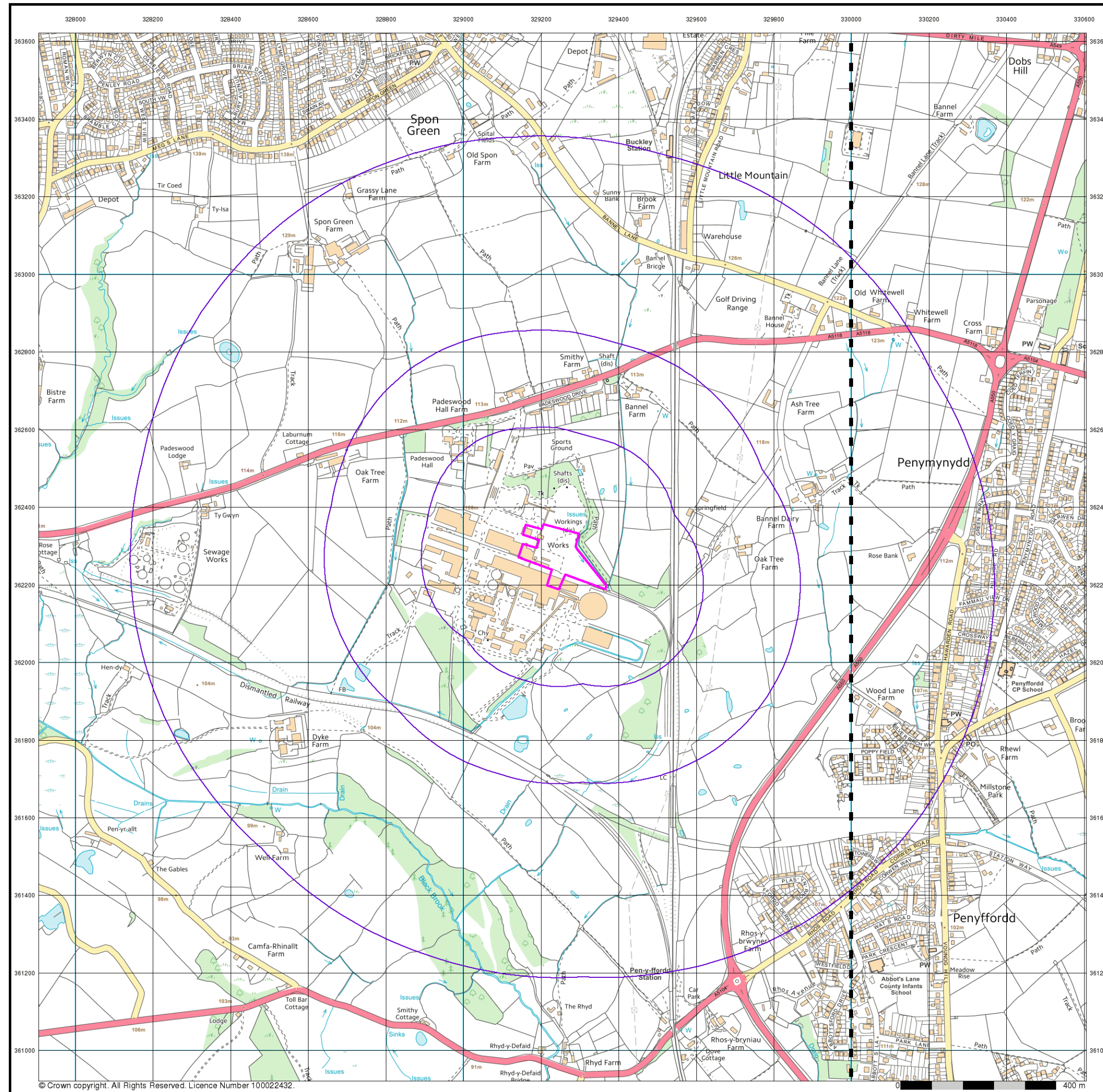
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Slice: A
Site Area (Ha): 1.89
Search Buffer (m): 1000

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road, Padeswood, MOLD, CH7 4HB

Landmark
INFORMATION GROUP

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



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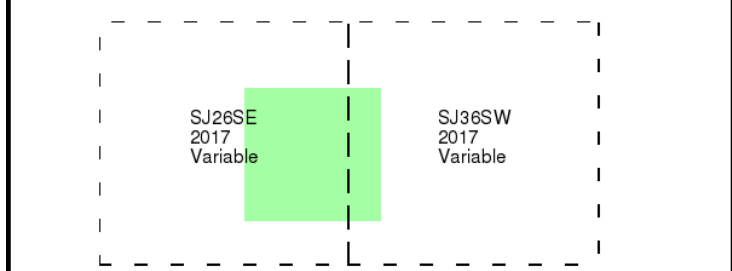
VectorMap Local

Published 2017

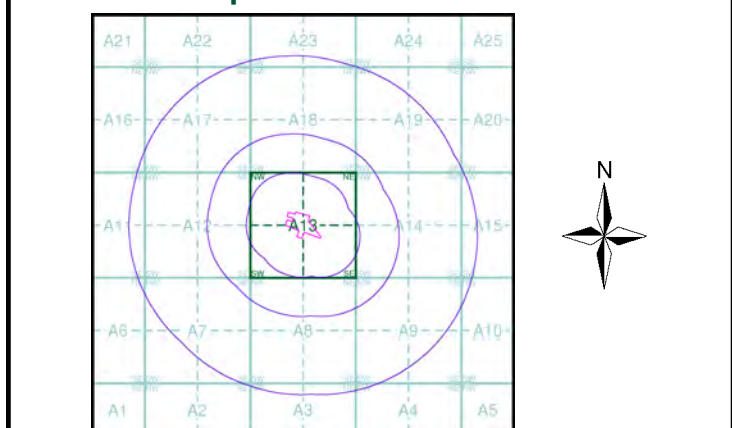
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	115921196_1_1
Customer Ref:	1773079
National Grid Reference:	329250, 362260
Slice:	A
Site Area (Ha):	1.89
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Site Details

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Historical Mapping Legends

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



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



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



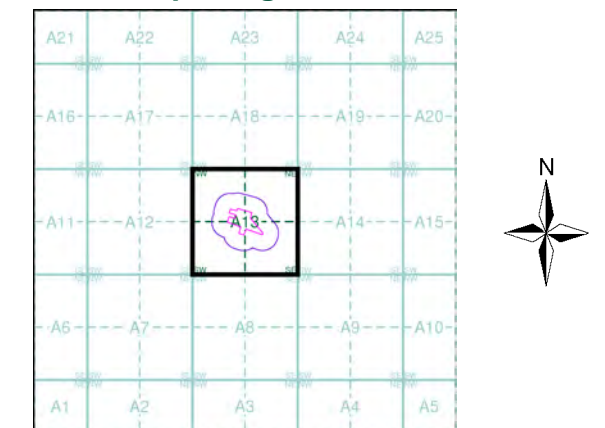
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Flintshire	1:2,500	1872	2
Flintshire	1:2,500	1899	3
Flintshire	1:2,500	1912	4
Ordnance Survey Plan	1:2,500	1961	5
Supply of Unpublished Survey Information	1:2,500	1974	6
Additional SIMs	1:2,500	1977 - 1989	7
Additional SIMs	1:2,500	1981 - 1989	8
Additional SIMs	1:2,500	1988 - 1989	9
Additional SIMs	1:2,500	1991	10
Large-Scale National Grid Data	1:2,500	1993	11
Historical Aerial Photography	1:2,500	2001	12

Historical Map - Segment A13



Order Details

Order Number: 115921196_1_1
Customer Ref: 1773079
National Grid Reference: 329250, 362260
Slice: A
Site Area (Ha): 1.89
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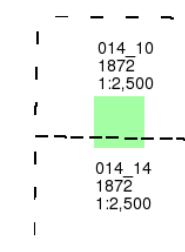
Flintshire

Published 1872

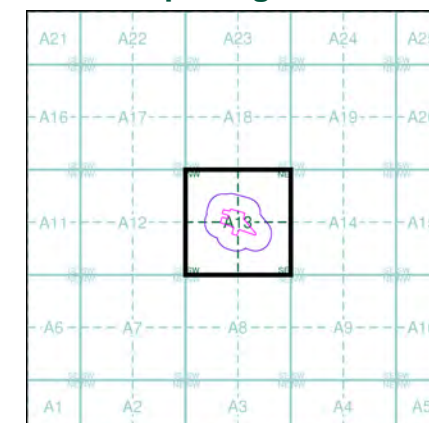
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

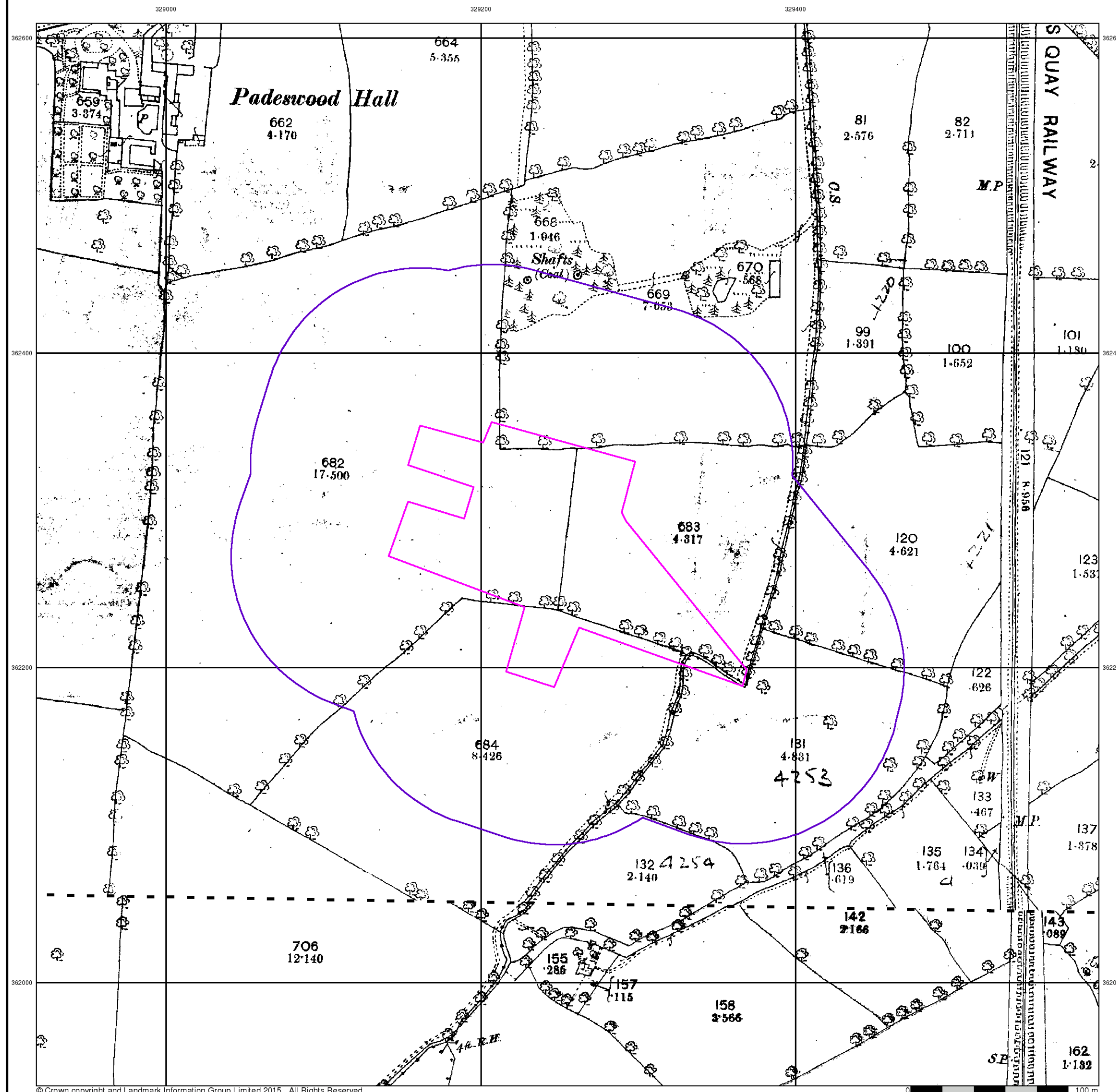


Order Details

Order Number: 115921196_1_1
 Customer Ref: 1773079
 National Grid Reference: 329250, 362260
 Slice: A
 Site Area (Ha): 1.89
 Search Buffer (m): 100

Site Details

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Flintshire

Published 1899

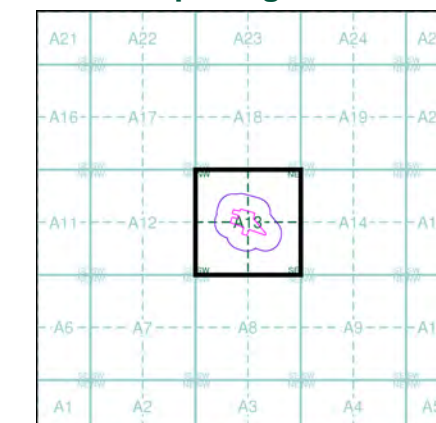
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

014_10	1899	1:2,500
014_14	1899	1:2,500

Historical Map - Segment A13

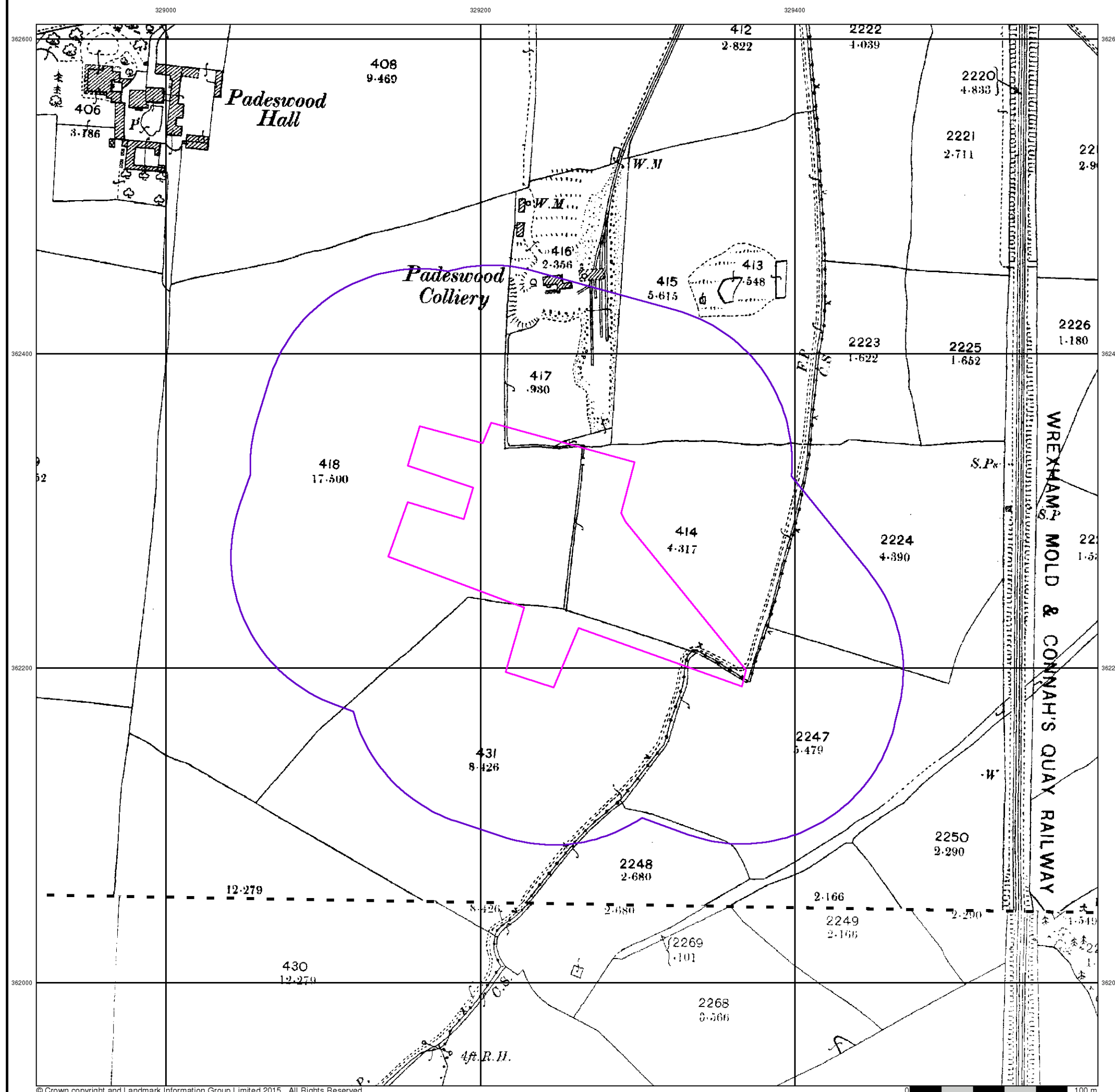


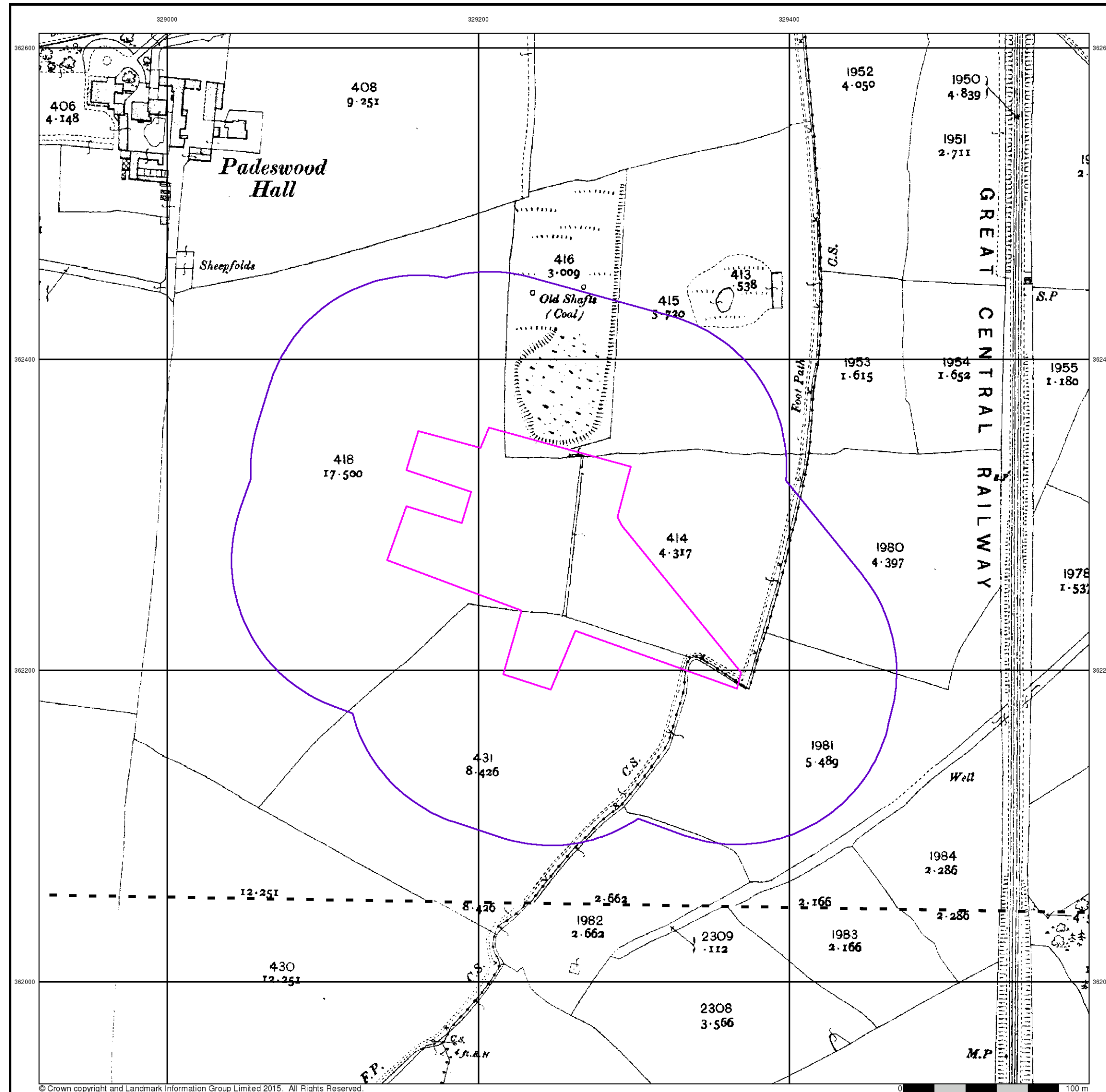
Order Details

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 Slice: A
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Site Details

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Ordnance Survey Plan

Published 1961

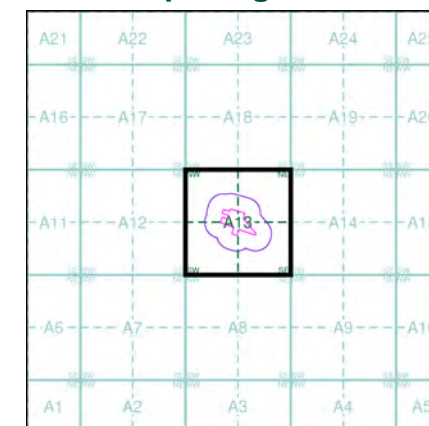
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SJ2862	SJ2962
1961	1961
12,500	12,500
SJ2861	SJ2961
1961	1961
12,500	12,500

Historical Map - Segment A13



Order Details

Order Number:	115921196_1_1
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Slice:	A
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Landmark
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Supply of Unpublished Survey Information

Published 1974

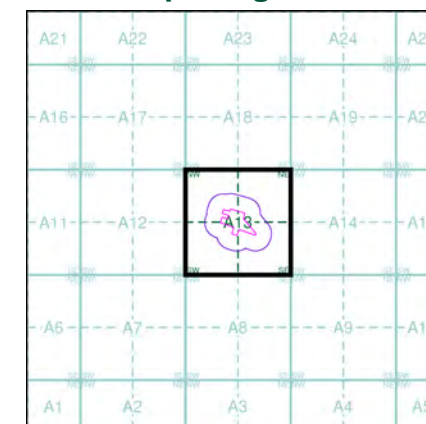
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SJ2862 1974 1:2,500	SJ2962 1974 1:2,500
SJ2861 1974 1:2,500	SJ2961 1974 1:2,500

Historical Map - Segment A13

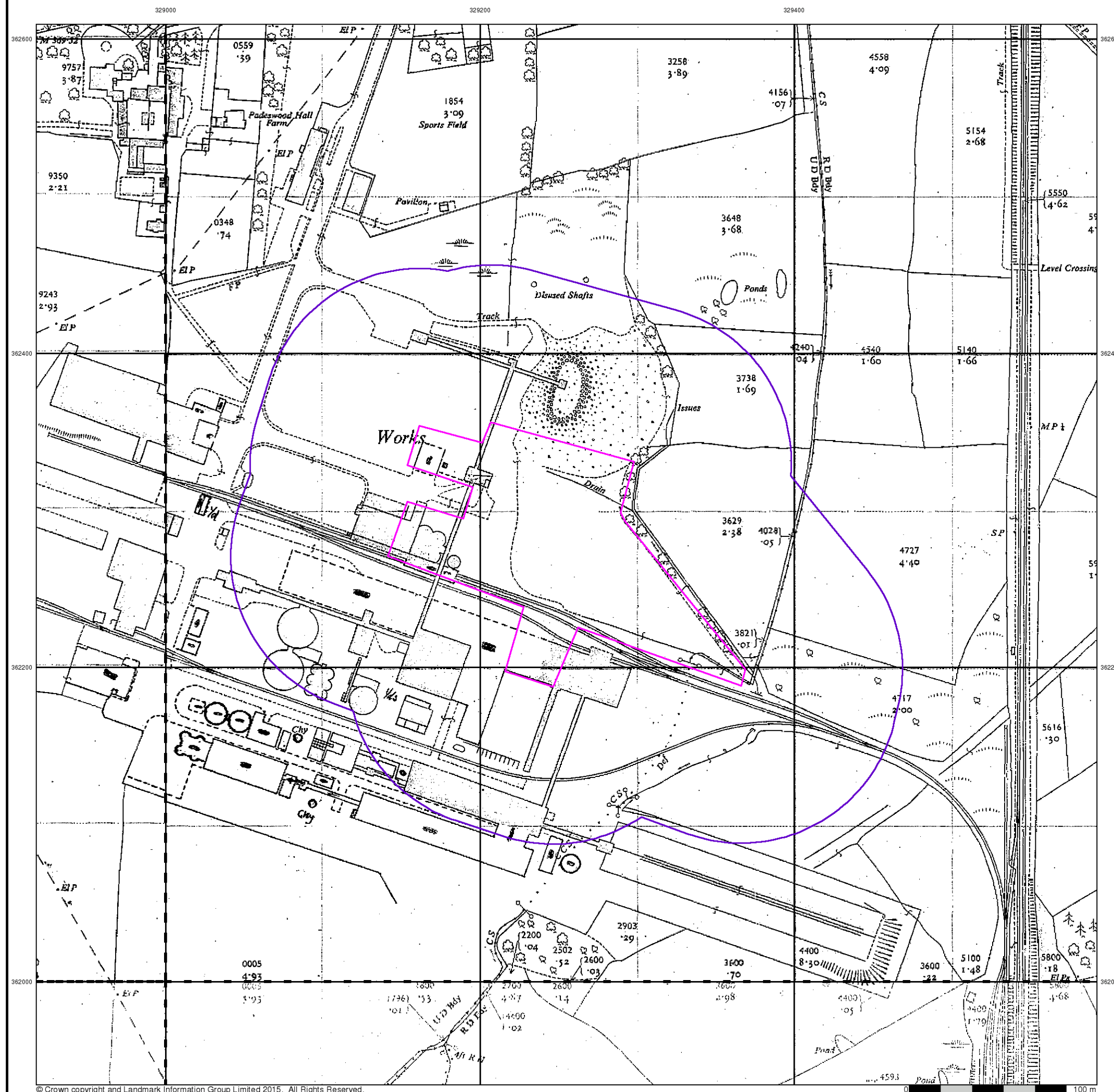


Order Details

Order Number: 115921196_1_1
 Customer Ref: 1773079
 National Grid Reference: 329250, 362260
 Slice: A
 Site Area (Ha): 1.89
 Search Buffer (m): 100

Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road,
 Padeswood, MOLD, CH7 4HB



Additional SIMs

Published 1977 - 1989

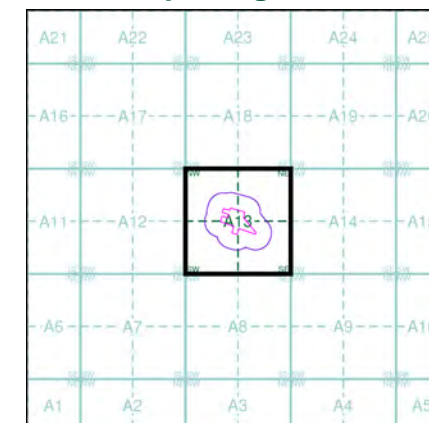
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SJ2862 1979 1:2,500	SJ2962 1979 1:2,500
SJ2861 1989 1:2,500	SJ2961 1977 1:2,500

Historical Map - Segment A13

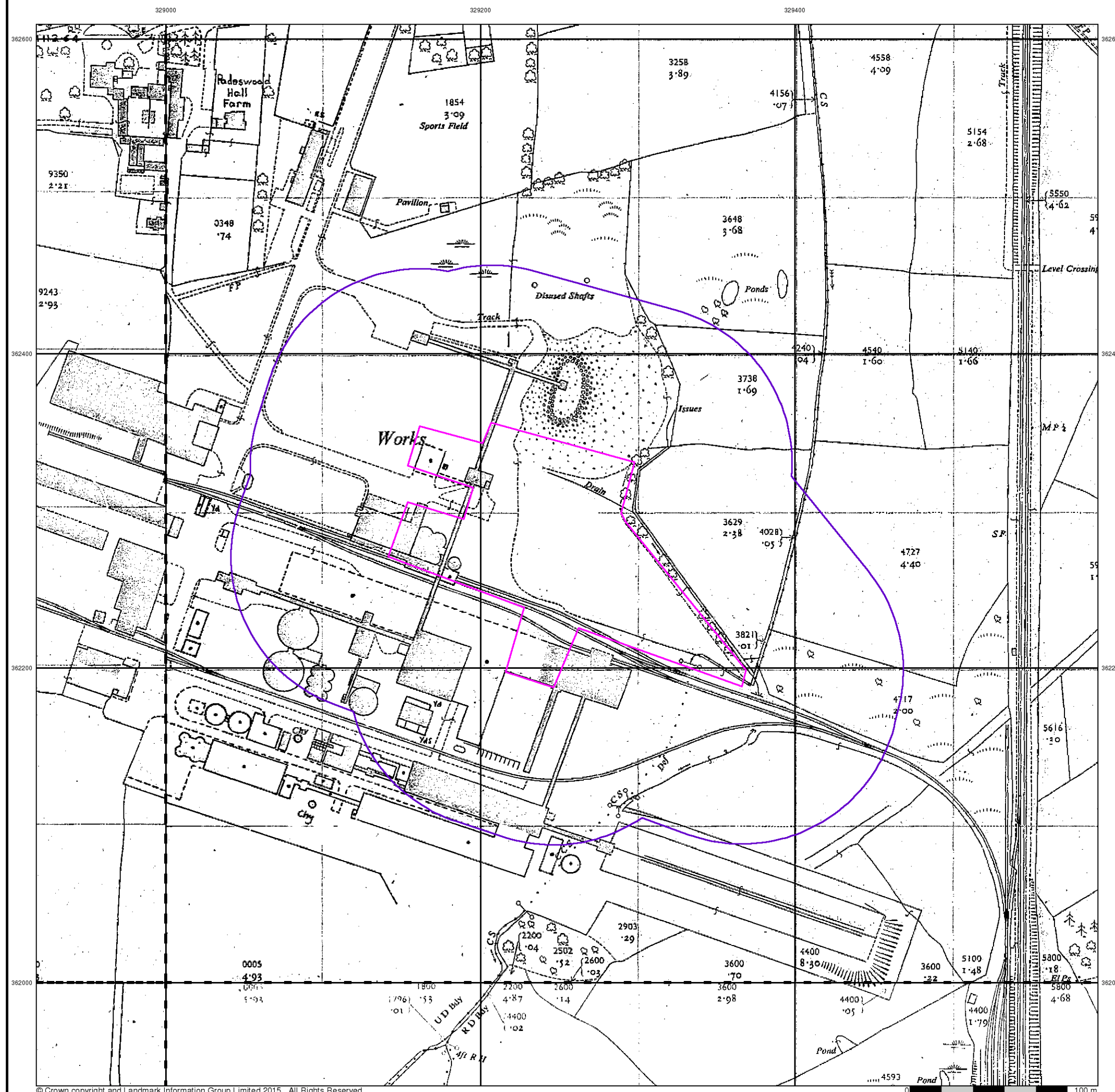


Order Details

Order Number: 115921196_1_1
 Customer Ref: 1773079
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 Slice: A
 Site Area (Ha): 1.89
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Site Details

Hanson Cement Ltd, Padeswood Works, Chester Road,
 Padeswood, MOLD, CH7 4HB



Additional SIMs

Published 1981 - 1989

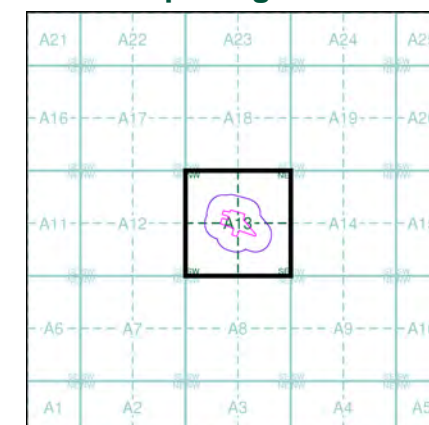
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SJ2862 1989 1:2,500	SJ2962 1989 1:2,500
	SJ2961 1981 1:2,500

Historical Map - Segment A13

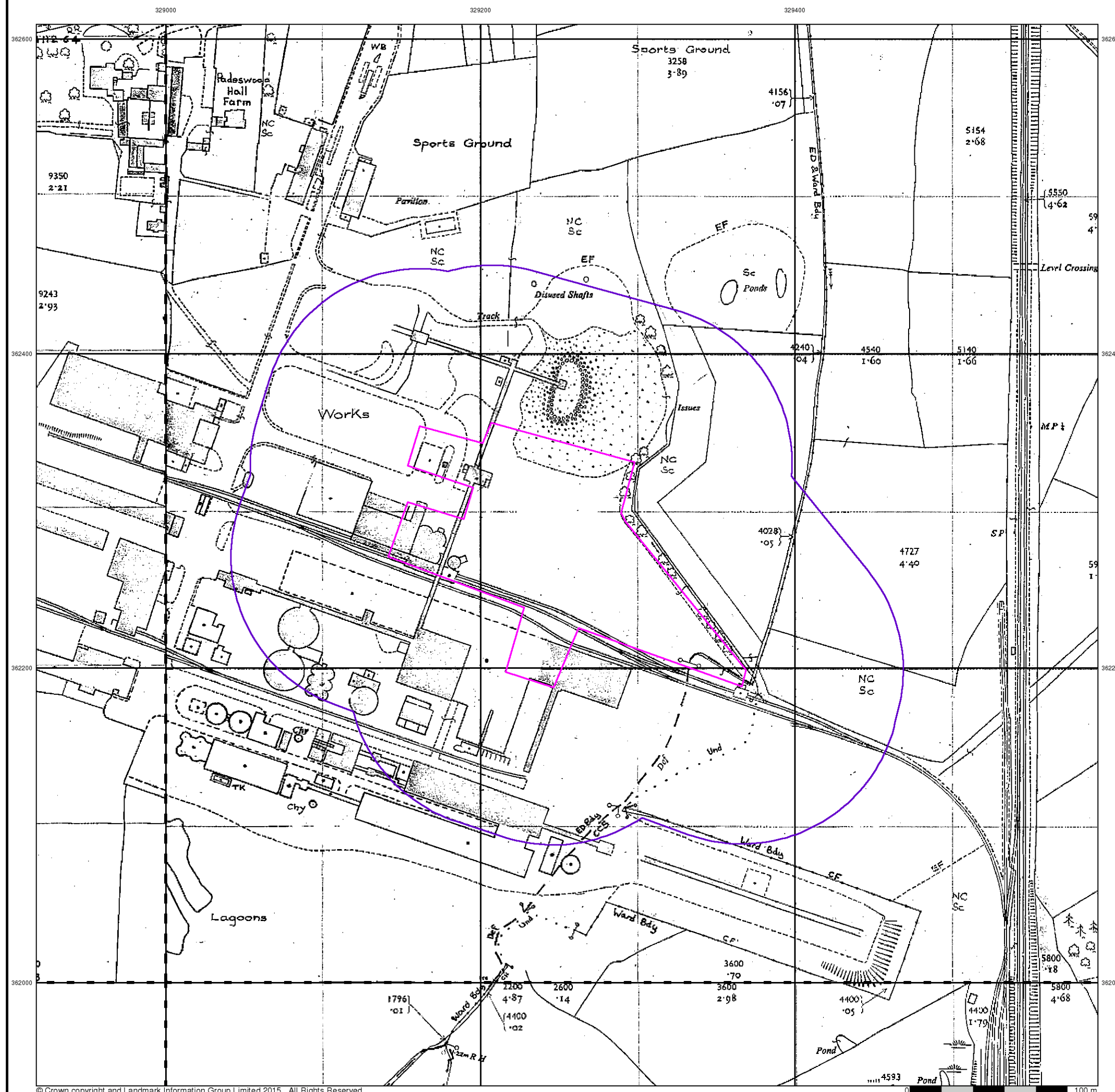


Order Details

Order Number: 115921196_1_1
 Customer Ref: 1773079
 National Grid Reference: 329250, 362260
 Slice: A
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Site Details

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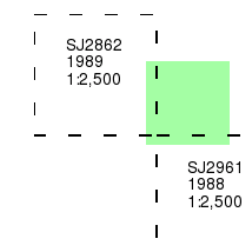
Additional SIMs

Published 1988 - 1989

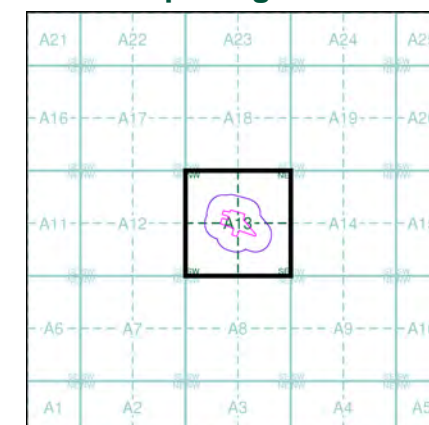
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

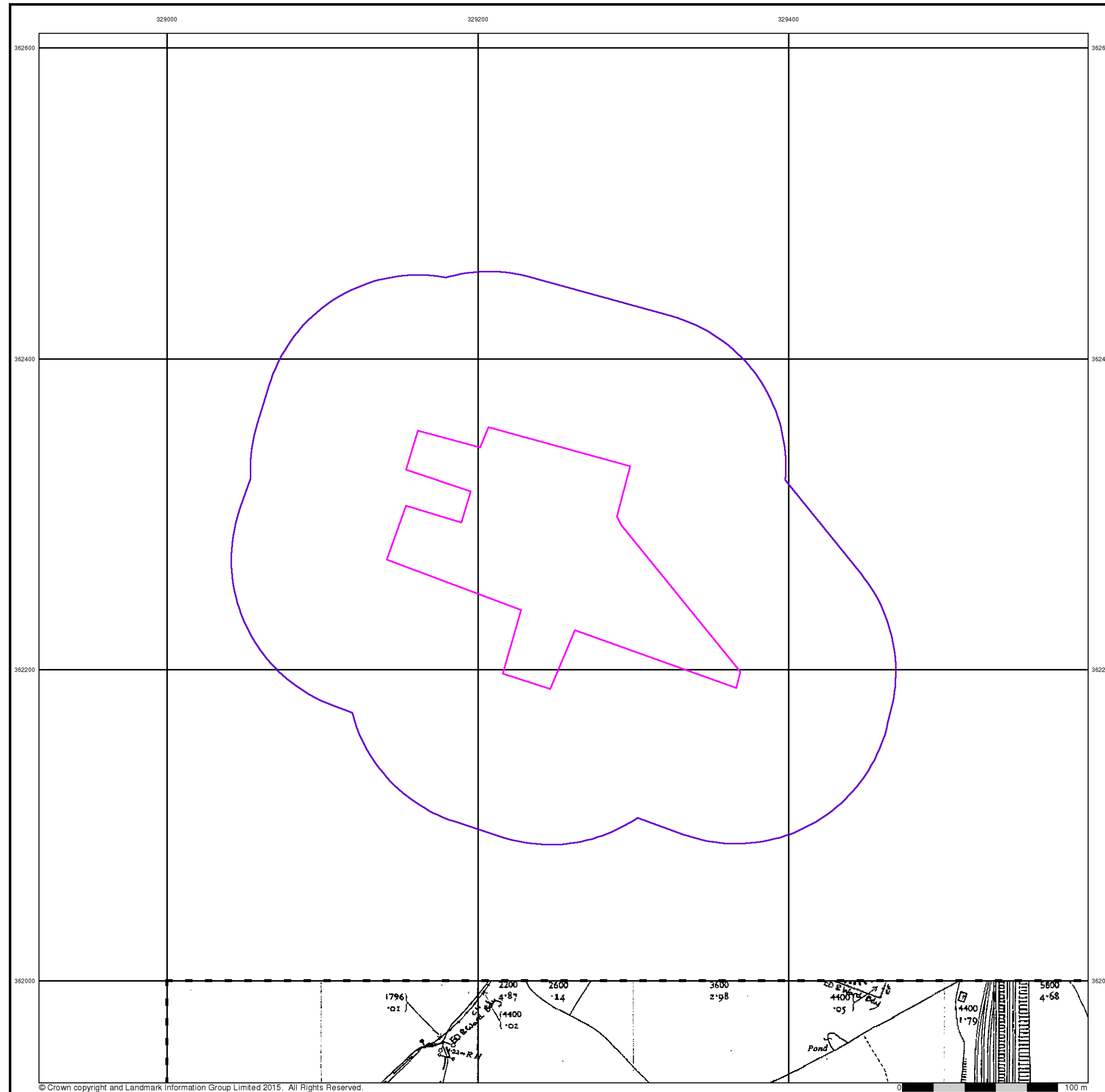


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Site Details

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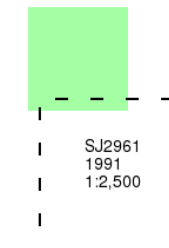
Additional SIMs

Published 1991

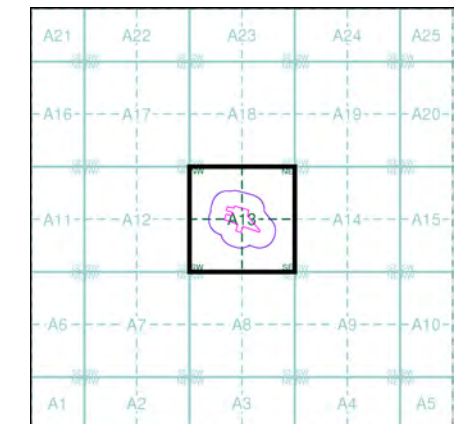
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

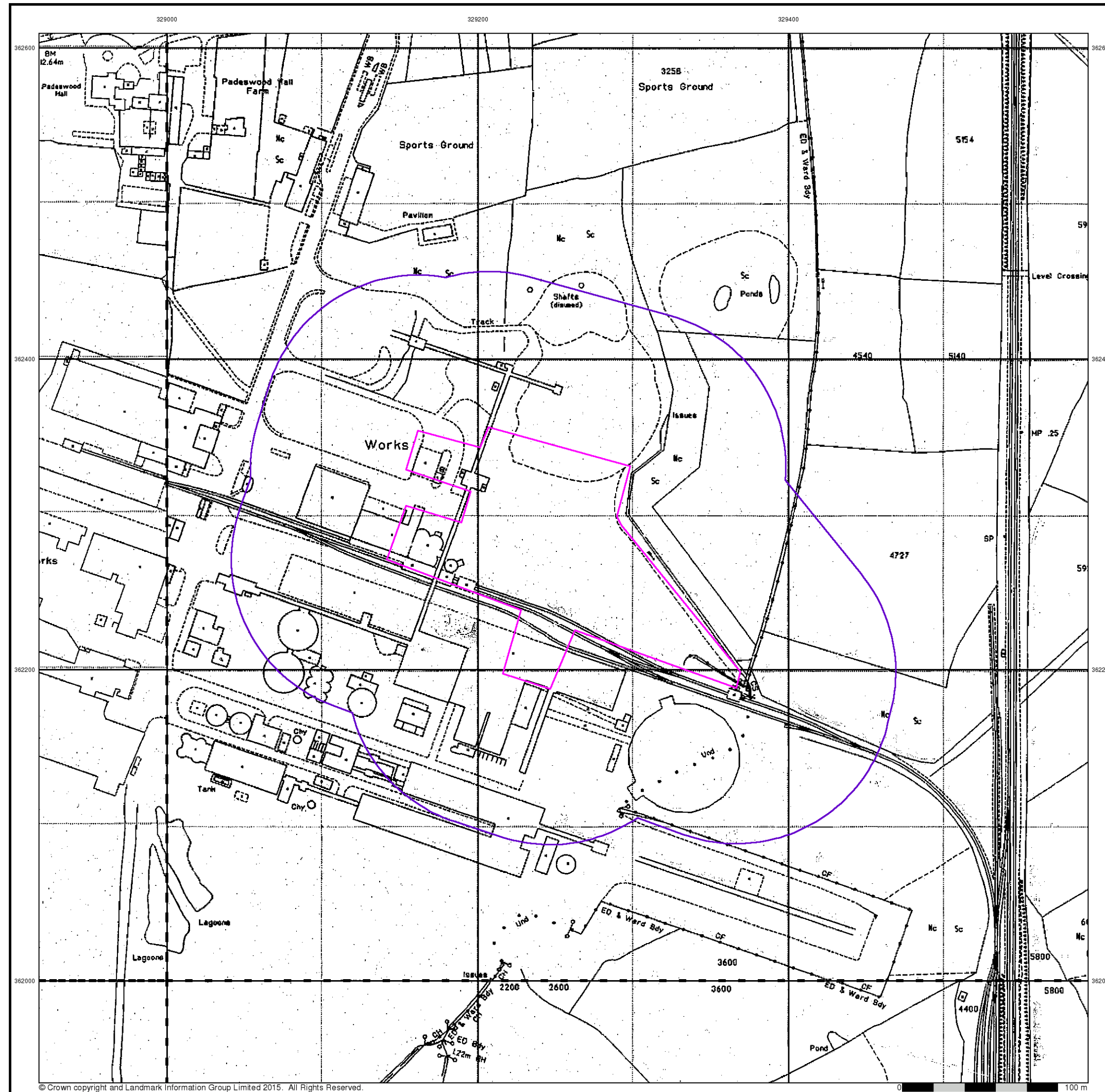


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Site Details

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Large-Scale National Grid Data

Published 1993

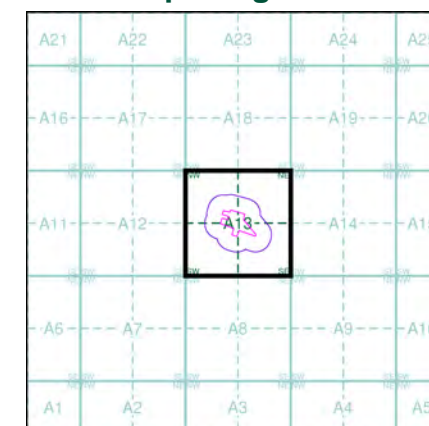
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SJ2862 1993 12,500	SJ2962 1993 12,500
SJ2861 1993 12,500	SJ2961 1993 12,500

Historical Map - Segment A13

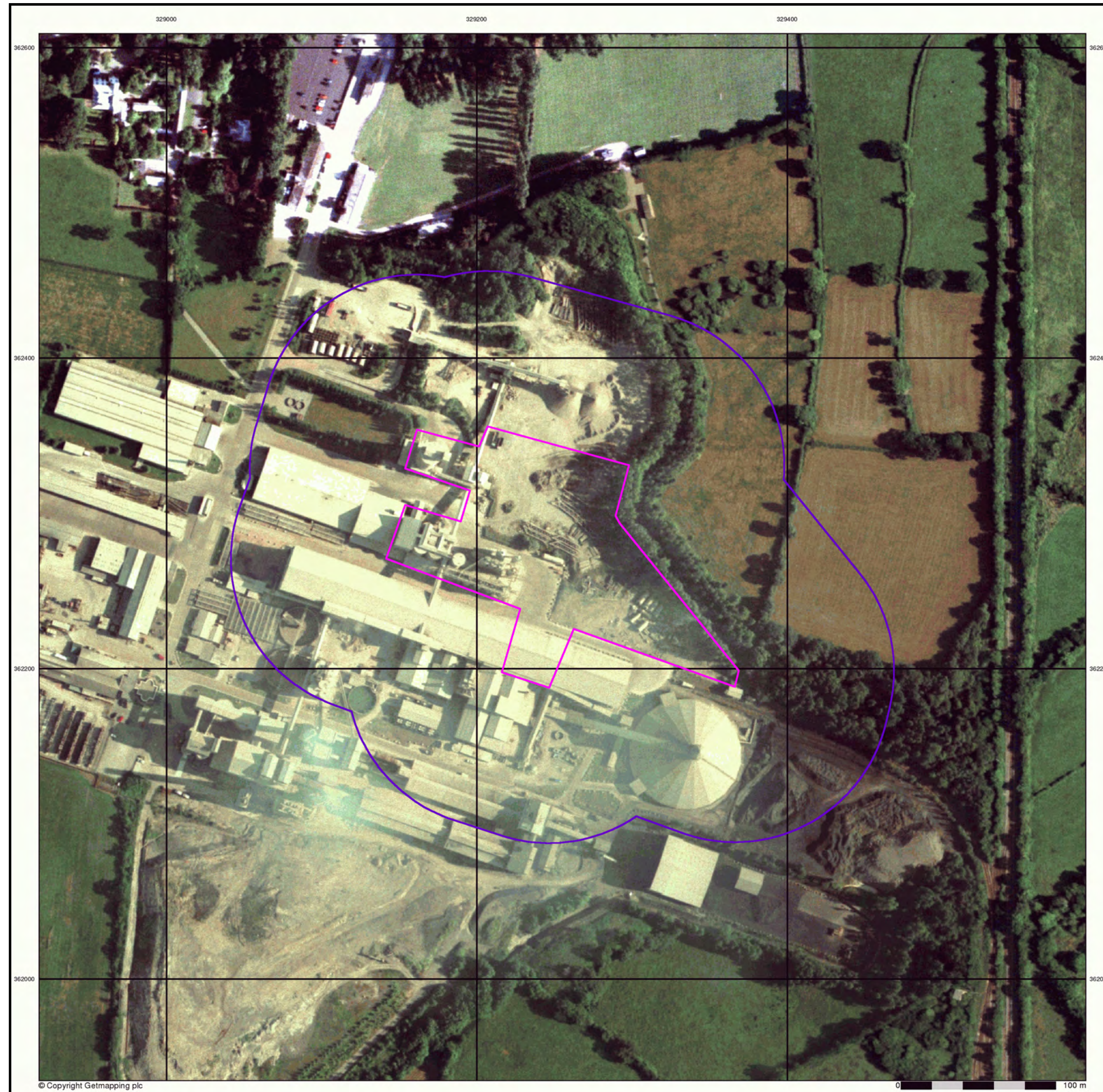


Order Details

Order Number: 115921196_1_1
Customer Ref: 1773079
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Slice: A
Site Area (Ha): 1.89
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Site Details

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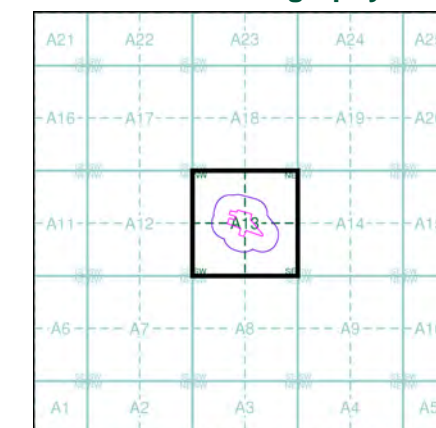
0 100 m

Historical Aerial Photography

Published 2001

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

Historical Aerial Photography - Segment A13



Order Details

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