

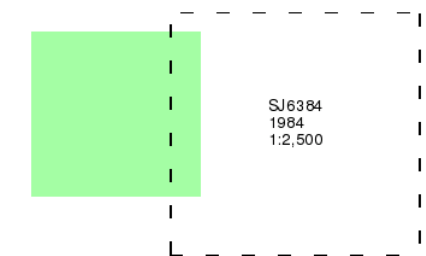
## Additional SIMs

Published 1984

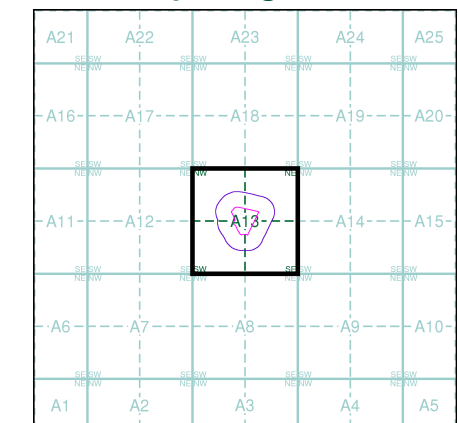
Source map scale - 1:2,500

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

## Map Name(s) and Date(s)



## Historical Map - Segment A13

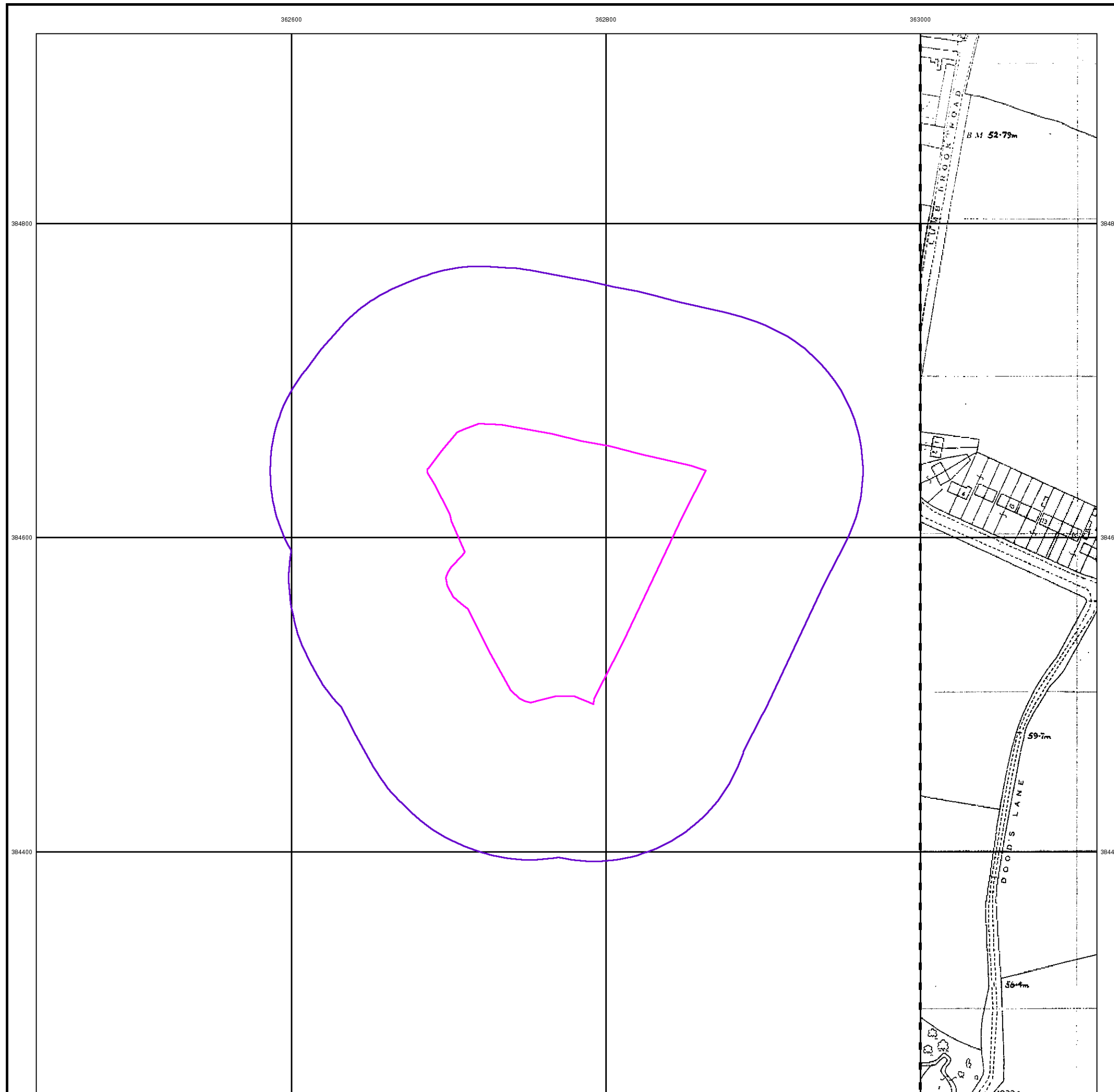


## Order Details

Order Number: 139211948\_1\_1  
Customer Ref: Dingle Farm  
National Grid Reference: 362770, 384590  
Slice: A  
Site Area (Ha): 2.01  
Search Buffer (m): 100

## Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB



## Additional SIMs

Published 1984 - 1990

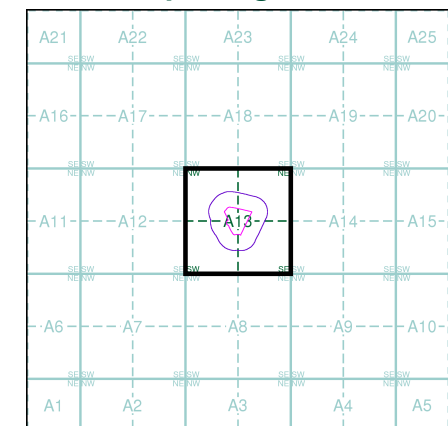
Source map scale - 1:1,250

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)

SJ6284NW 1987 1:1,250	SJ6284NE 1990 1:1,250
SJ6284SW 1984 1:1,250	SJ6284SE 1989 1:1,250

## Historical Map - Segment A13

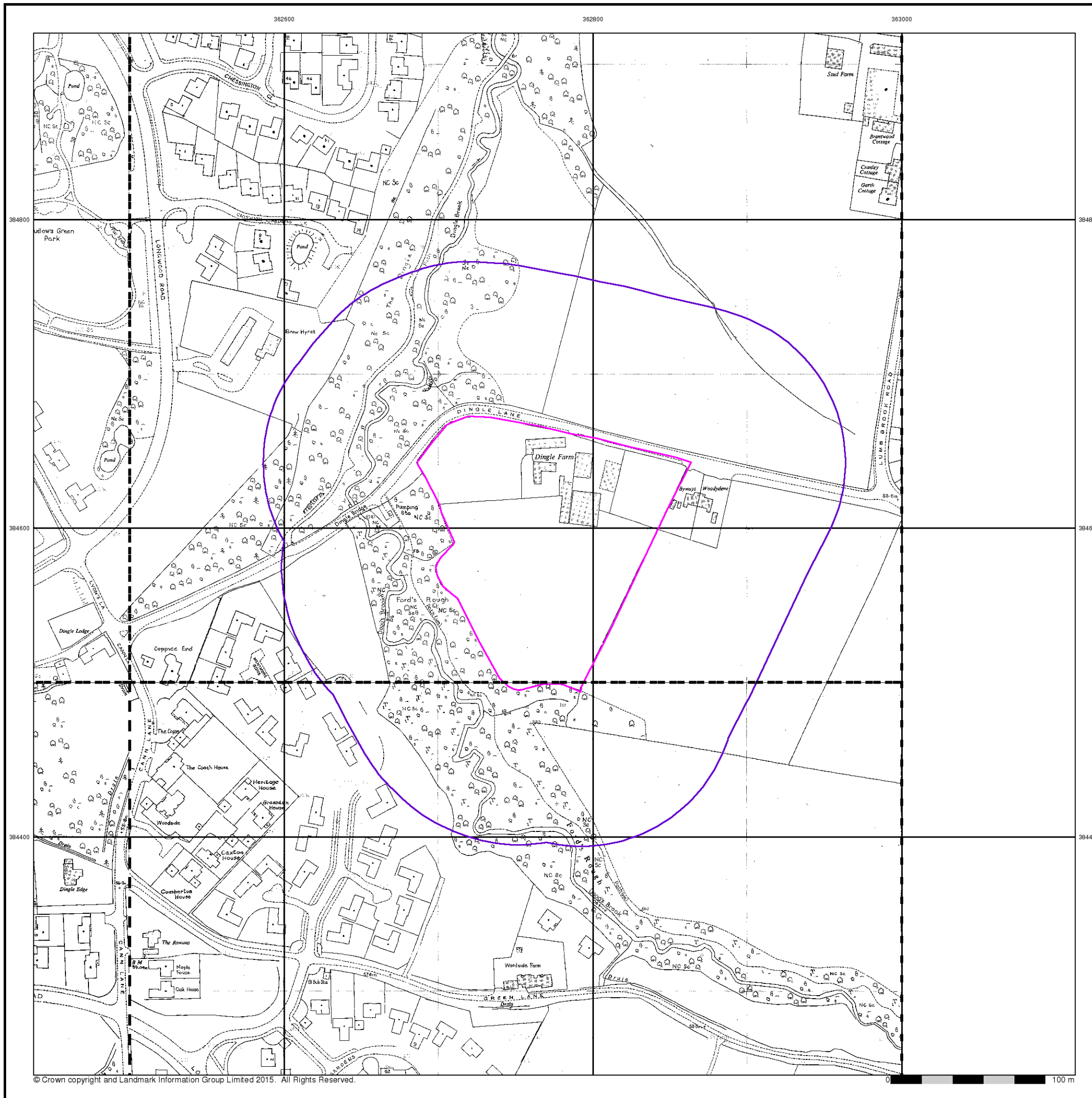


## Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 100

## Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB



362600

362800

363000

384800

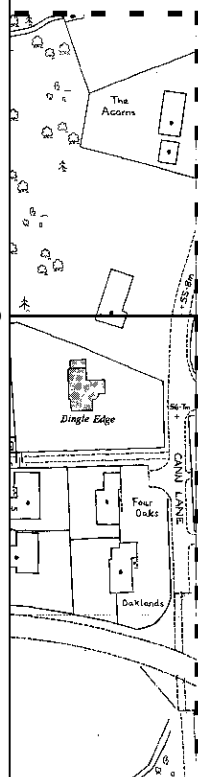
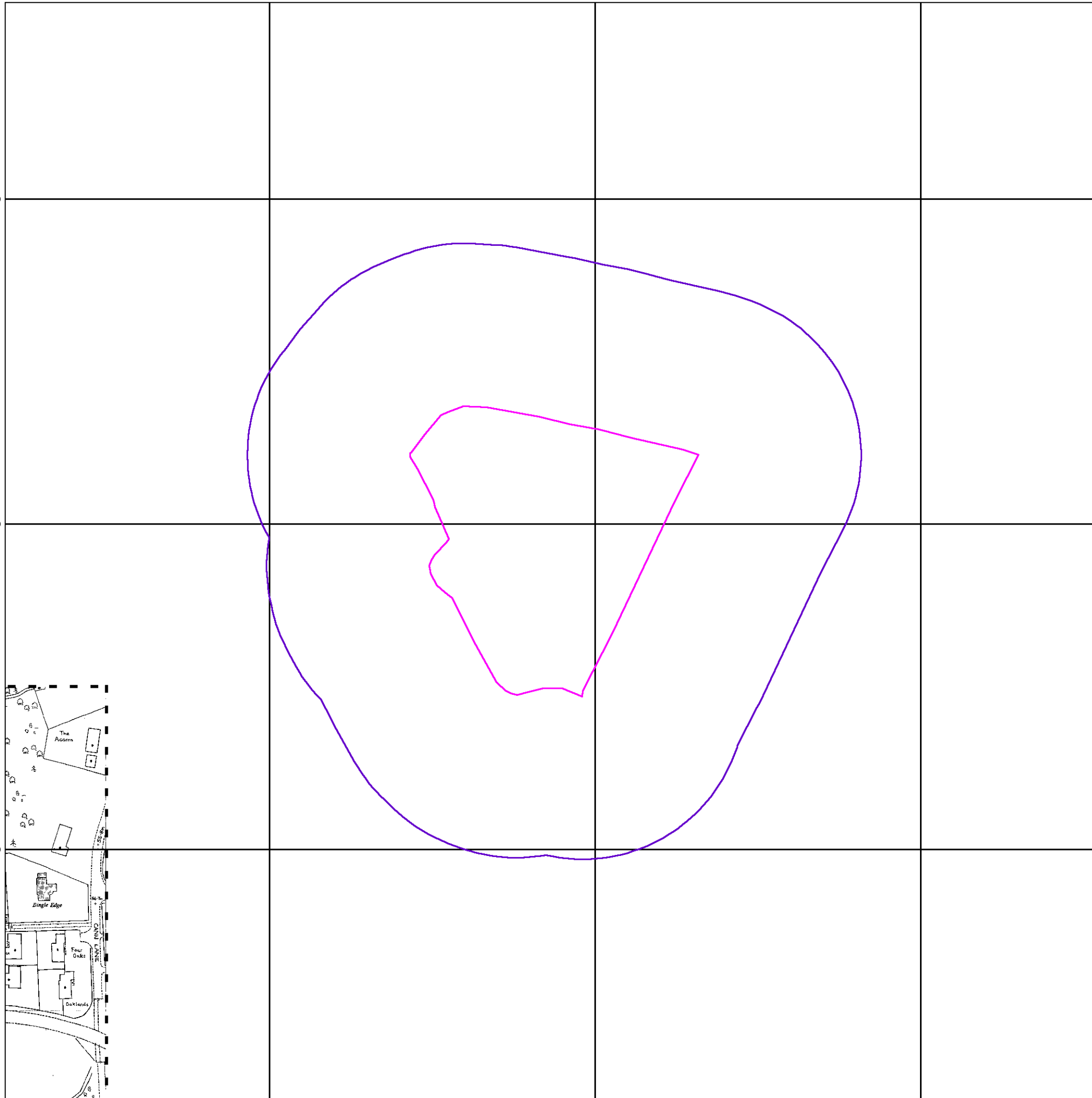
384800

384600

384600

384400

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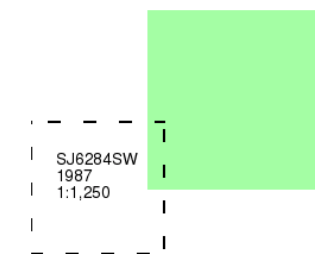
## Additional SIMs

Published 1987

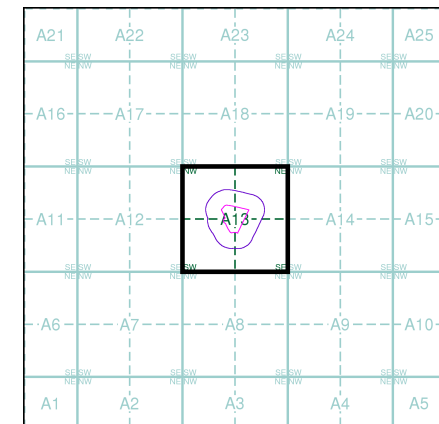
Source map scale - 1:1,250

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



## Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 100

## Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB

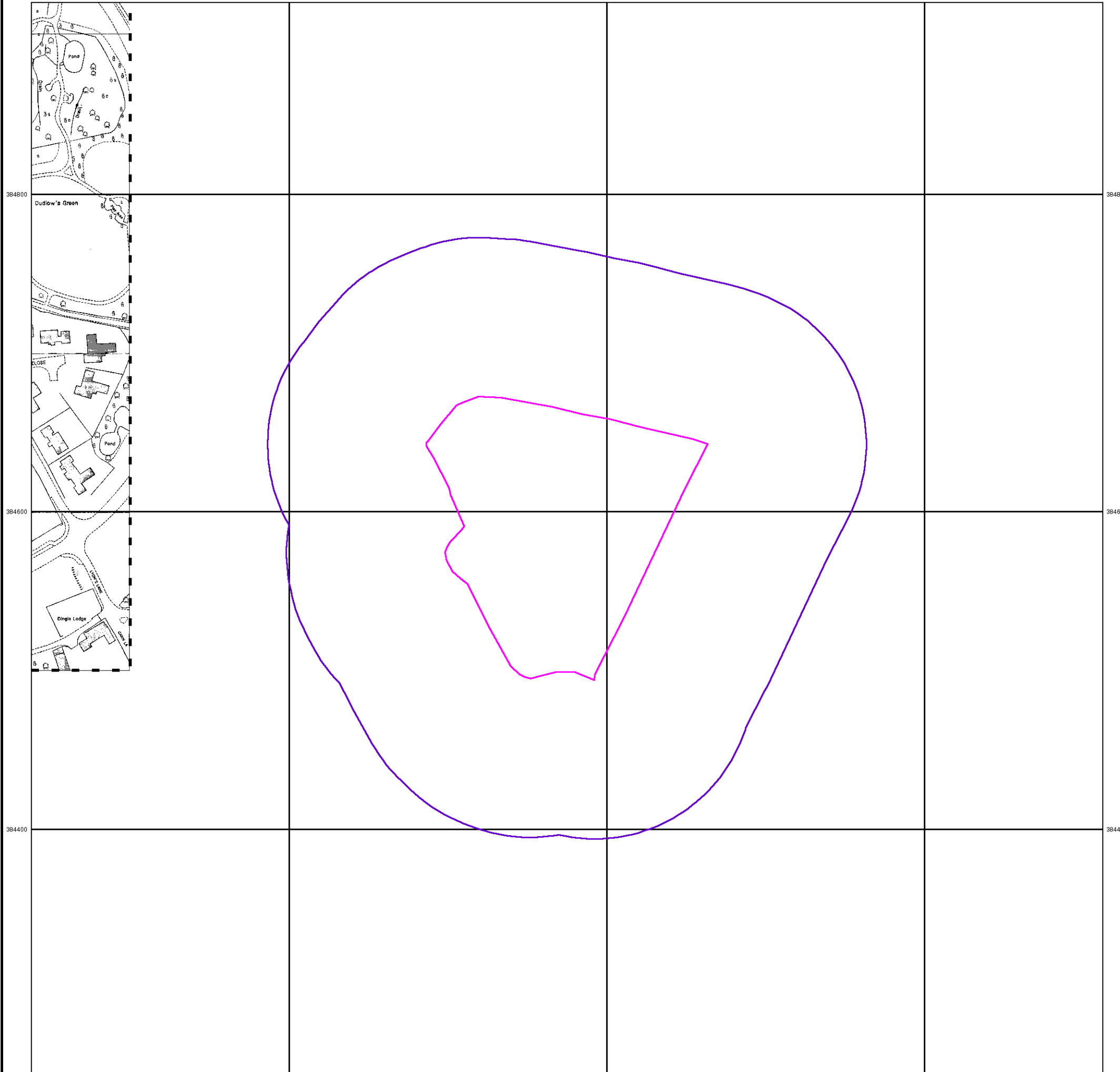
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 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

362600

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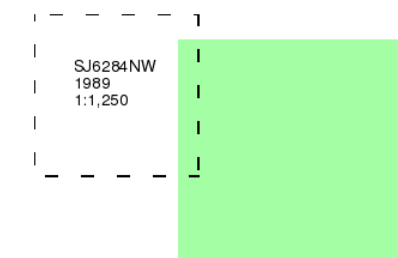
## Ordnance Survey Plan

Published 1989

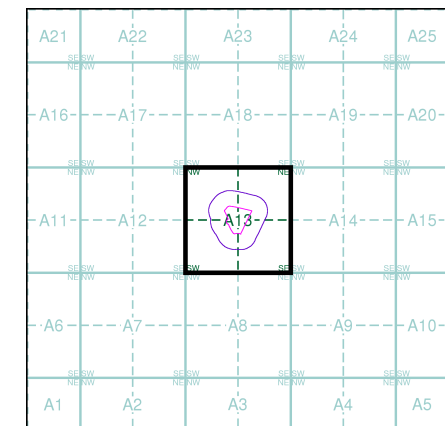
Source map scale - 1:1,250

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13



### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 100

### Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB

362600

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384800

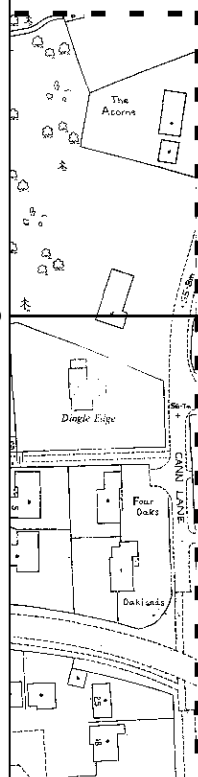
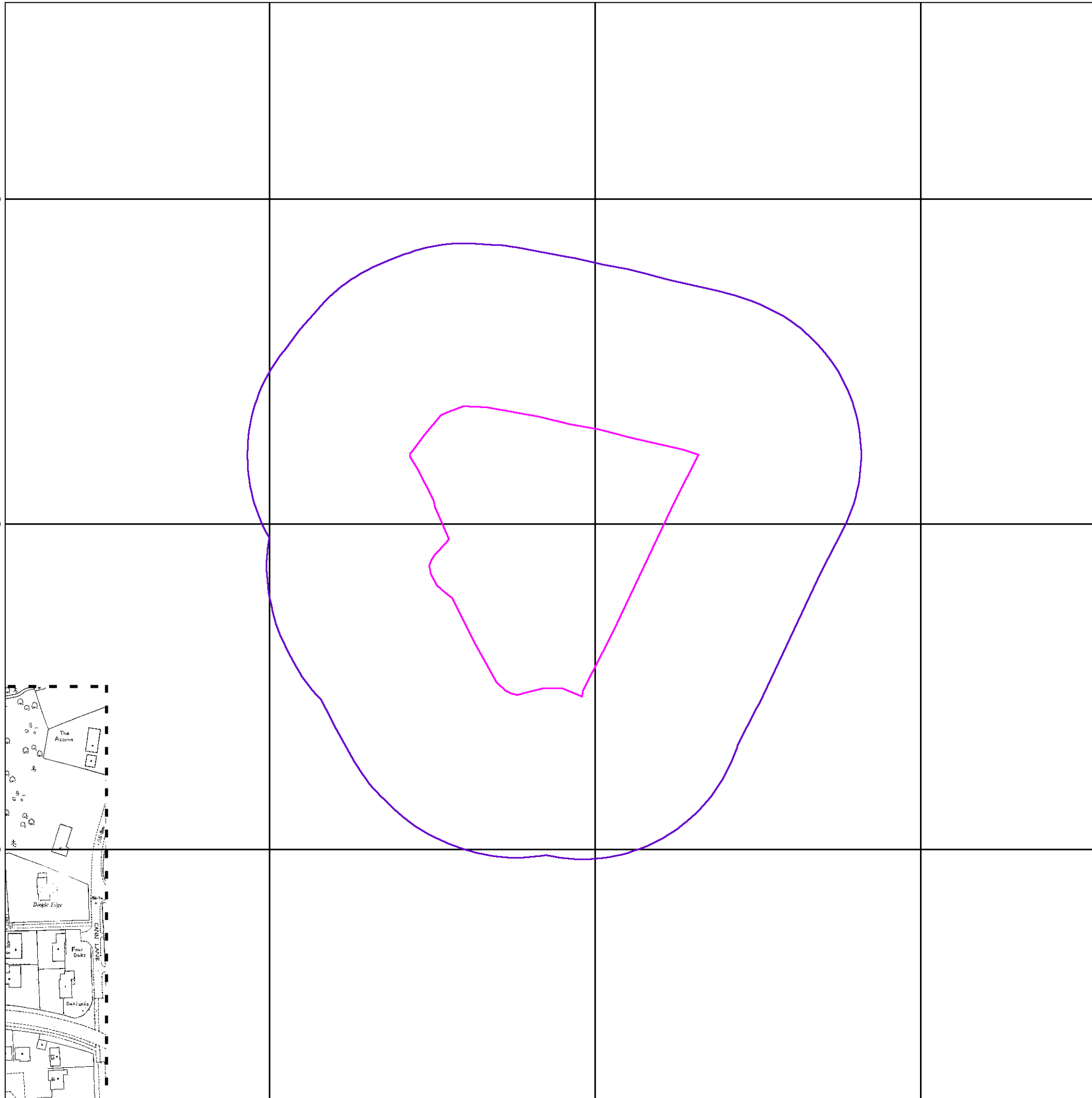
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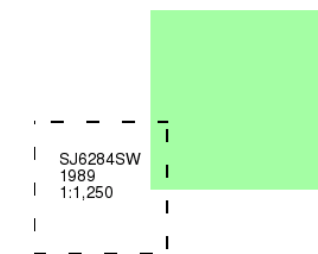
## Additional SIMs

Published 1989

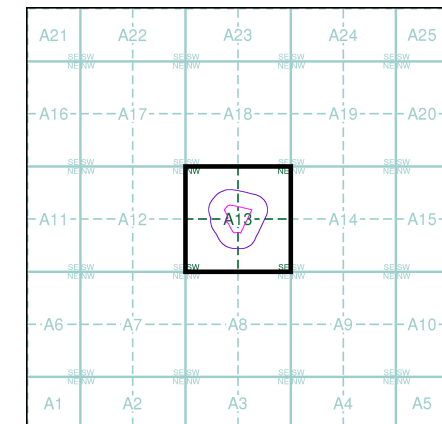
Source map scale - 1:1,250

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



## Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
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 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 100

## Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB

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## Large-Scale National Grid Data

Published 1993

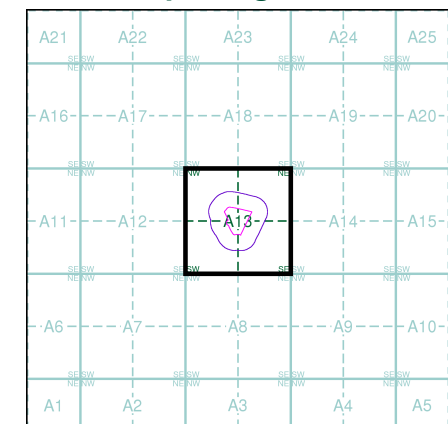
Source map scale - 1:1,250

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

### Map Name(s) and Date(s)

SJ6284NW 1993 1:1,250	SJ6284NE 1993 1:1,250
SJ6284SW 1993 1:1,250	SJ6284SE 1993 1:1,250

### Historical Map - Segment A13

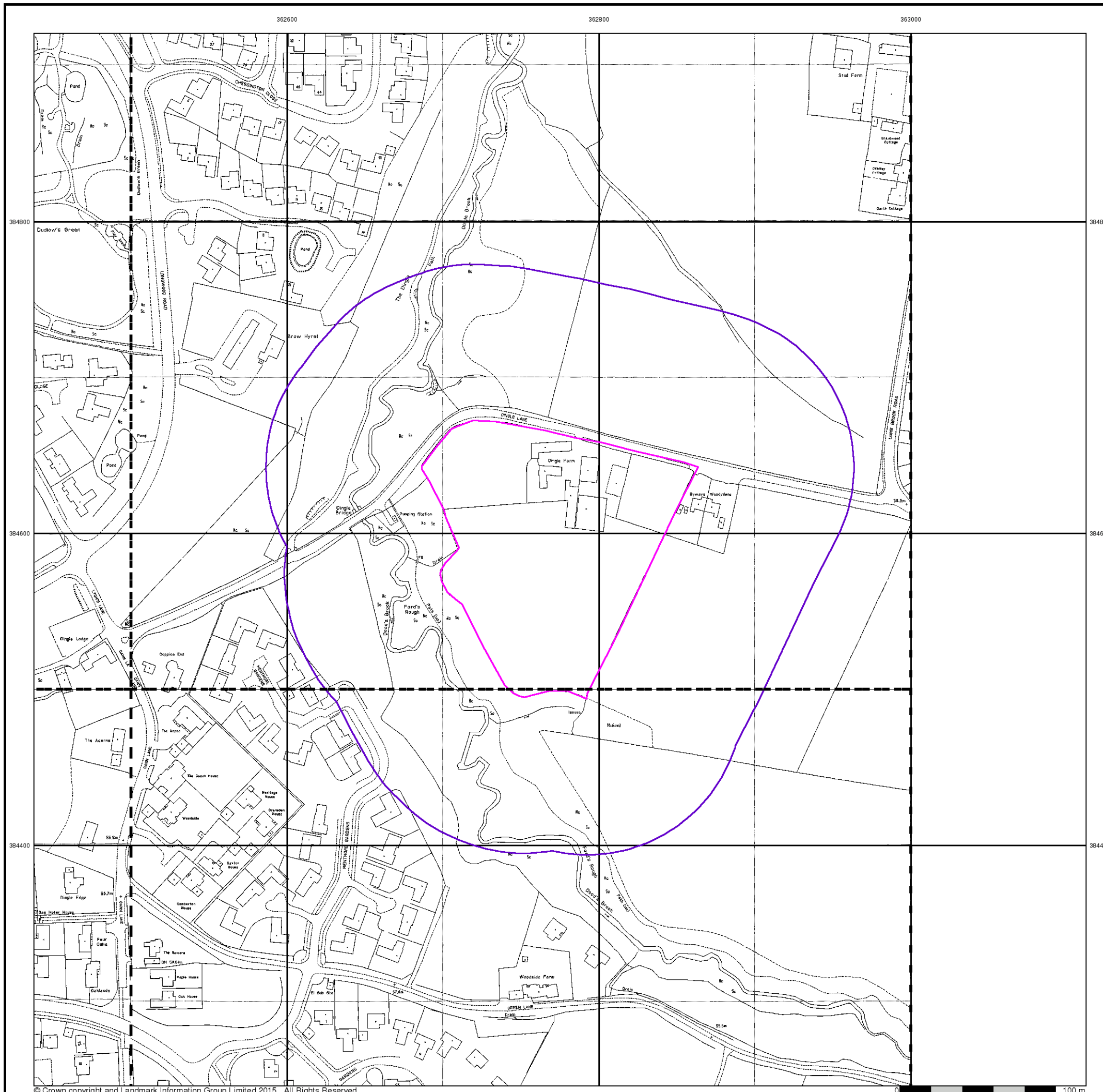


### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 100

### Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB



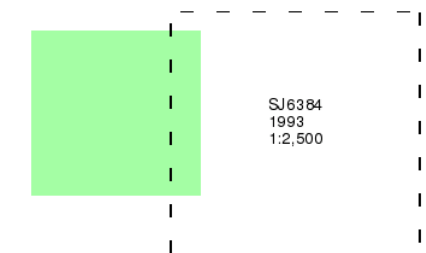
## Large-Scale National Grid Data

Published 1993

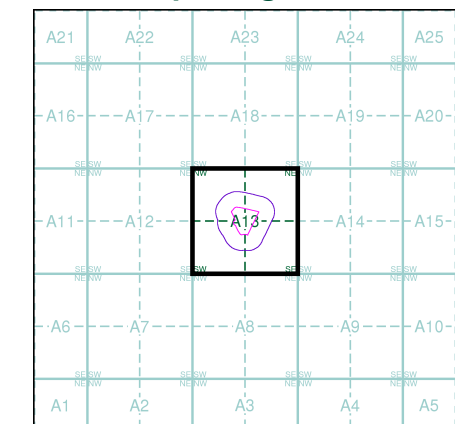
Source map scale - 1:2,500

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

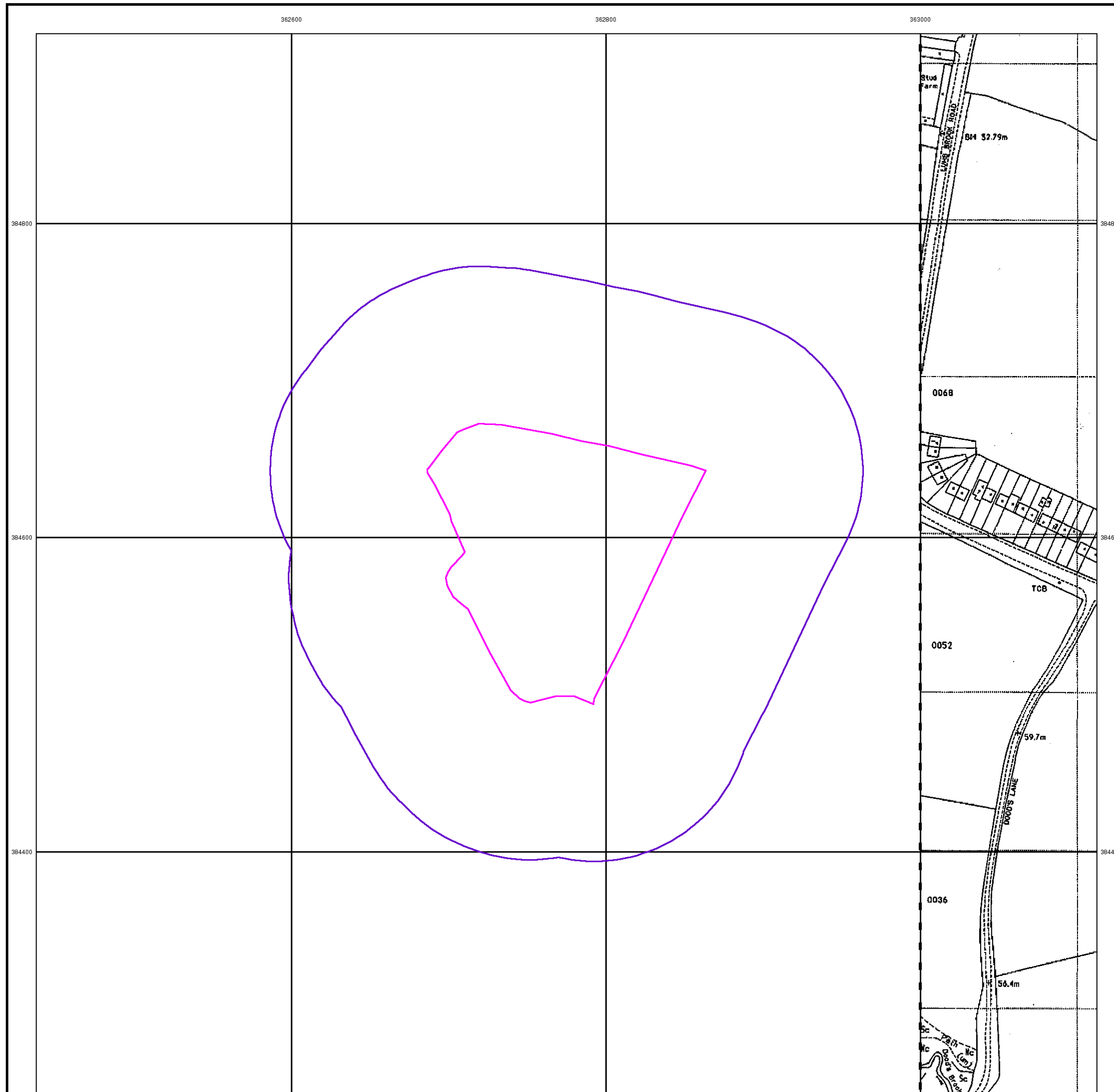


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Order Number: 139211948\_1\_1  
Customer Ref: Dingle Farm  
National Grid Reference: 362770, 384590  
Slice: A  
Site Area (Ha): 2.01  
Search Buffer (m): 100

### Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB



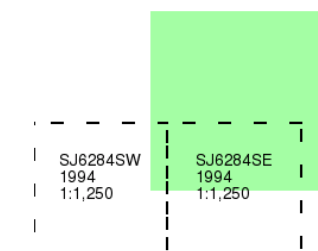
## Large-Scale National Grid Data

Published 1994

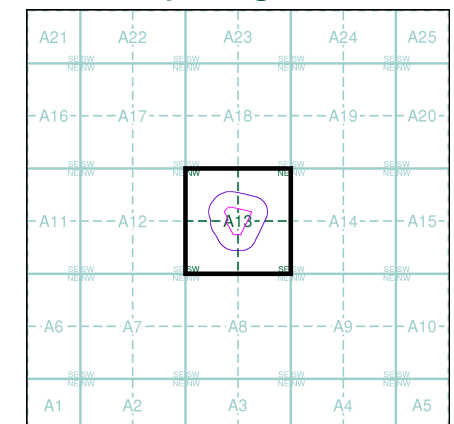
Source map scale - 1:1,250

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

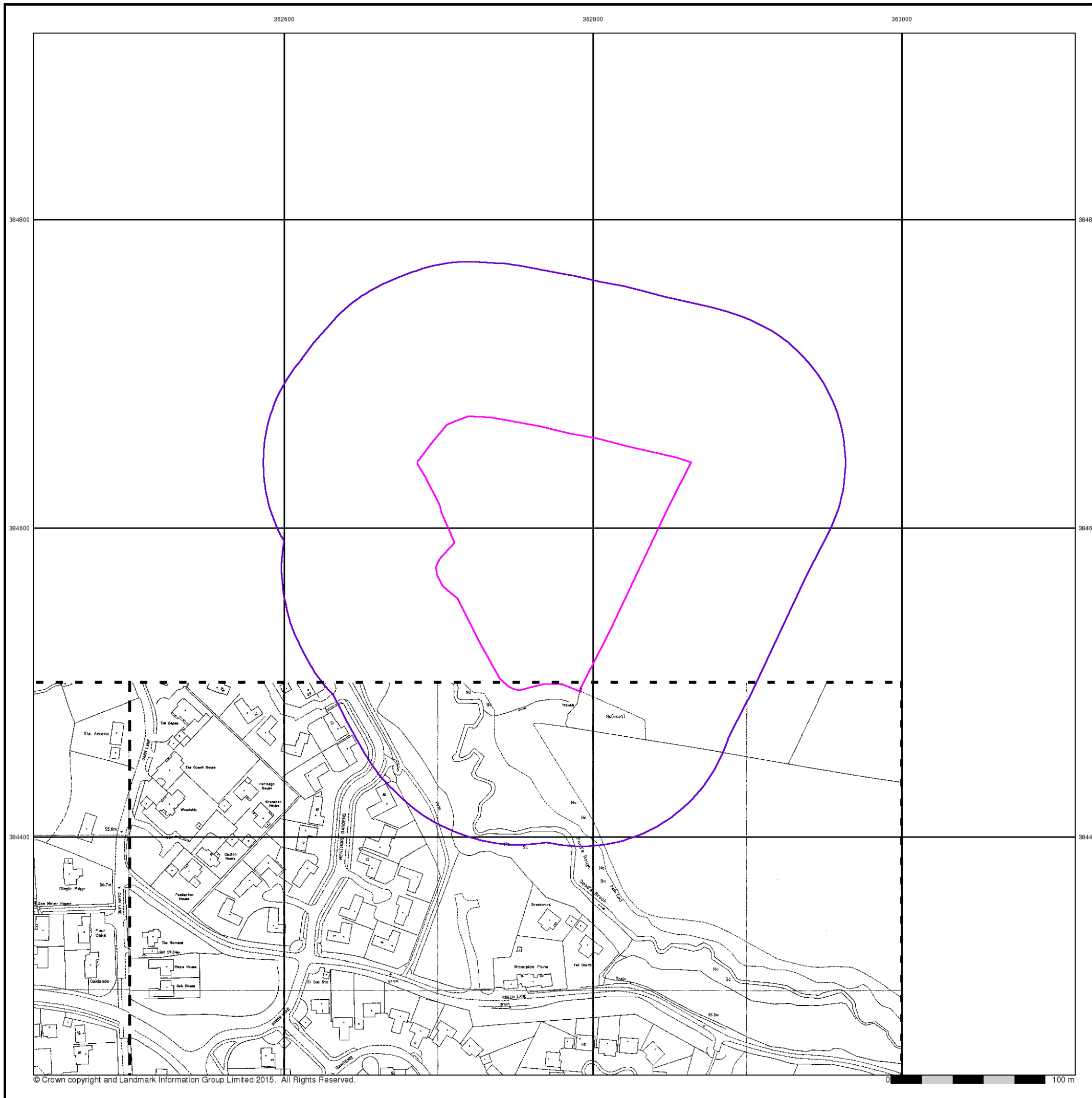


### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 100

### Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB





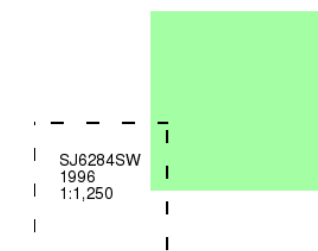
## Large-Scale National Grid Data

Published 1996

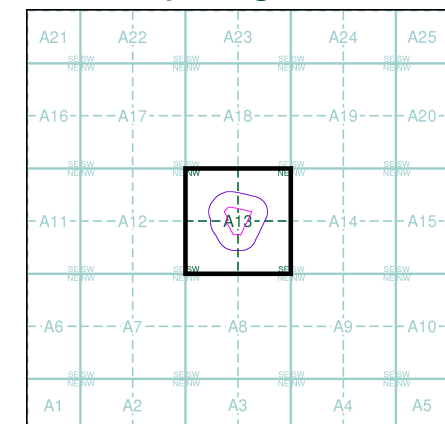
Source map scale - 1:1,250

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

### Map Name(s) and Date(s)



### Historical Map - Segment A13

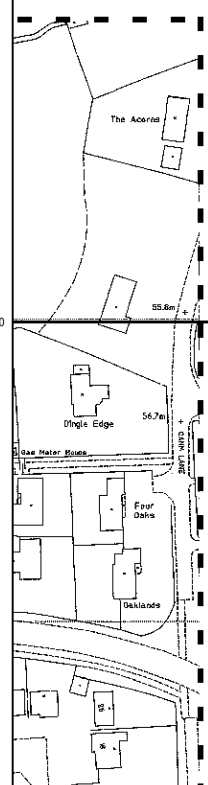
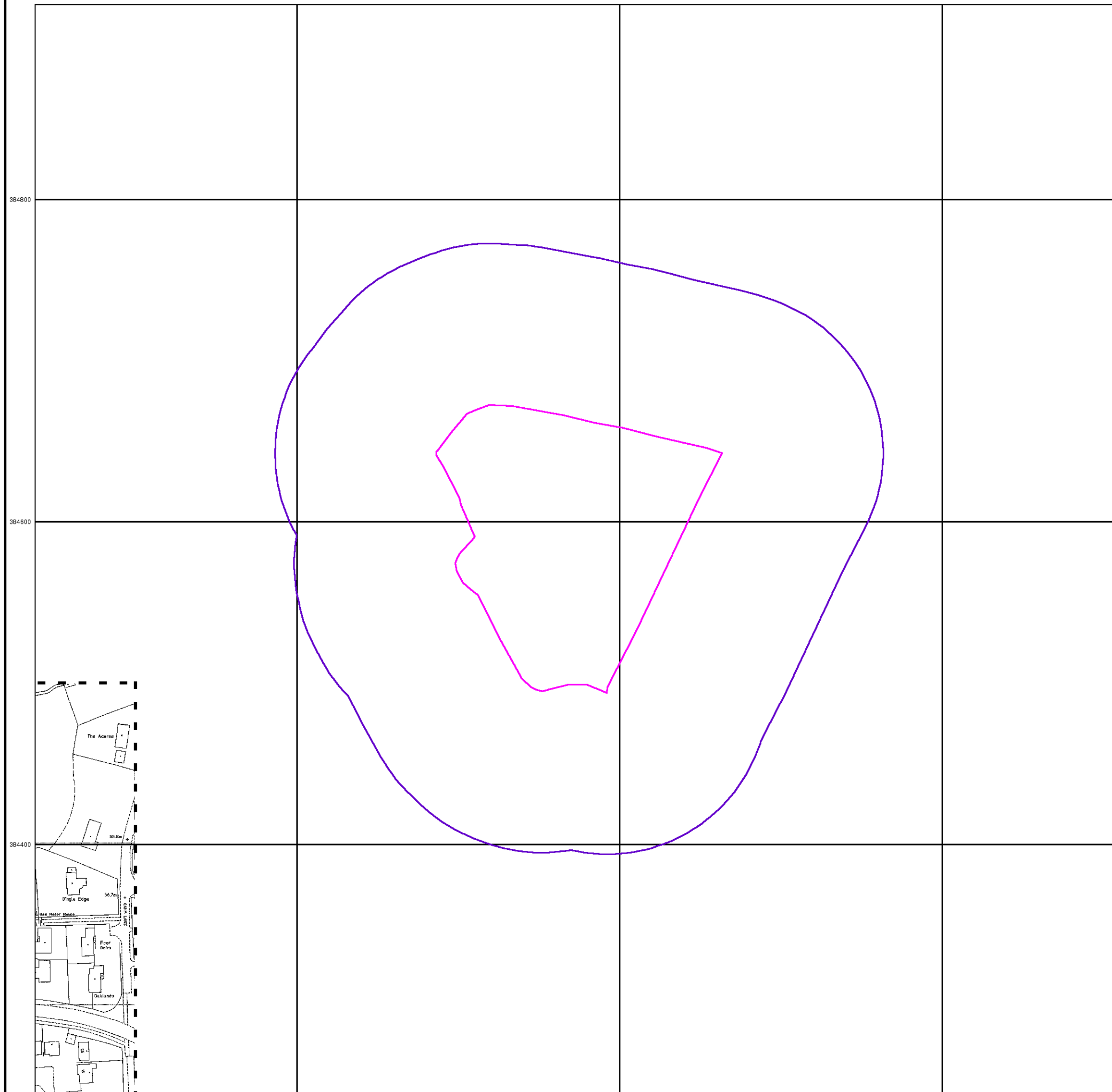


### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 100

### Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB



362600

362800

363000

384800

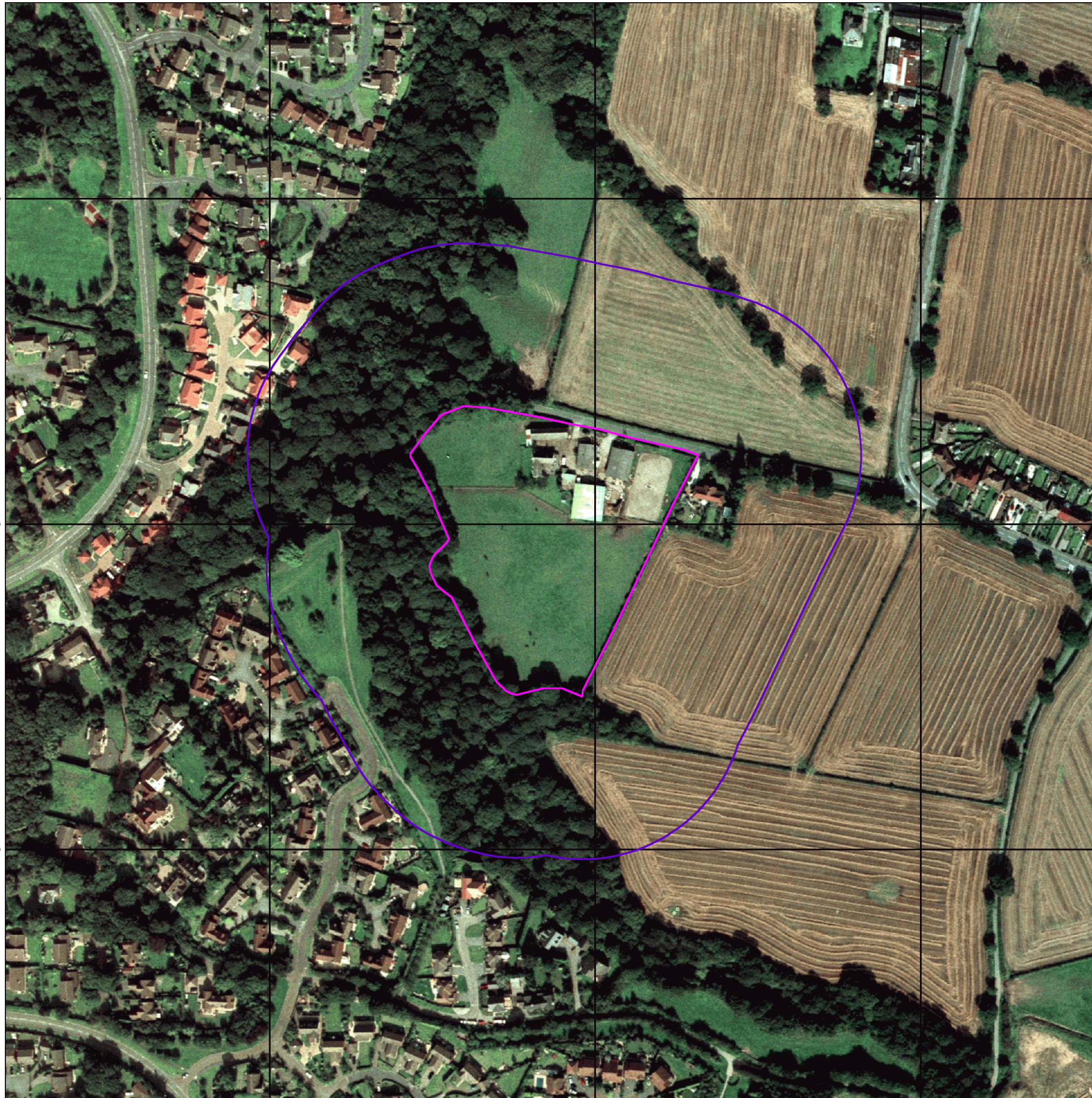
384800

384600

384600

384400

384400



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0 100 m

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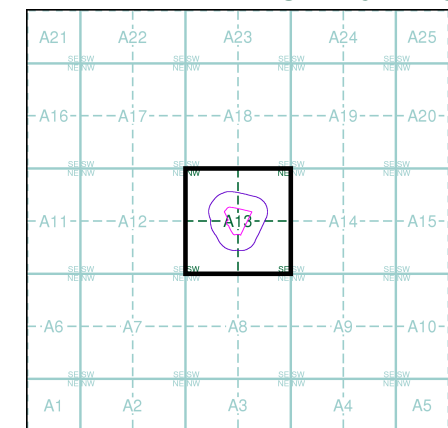
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## Historical Aerial Photography

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

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 100

### Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB

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

## Appendix E – Landmark Envirocheck Report

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

139211948\_1\_1

**Customer Reference:**

Dingle Farm

**National Grid Reference:**

362770, 384590

**Slice:**

A

**Site Area (Ha):**

2.01

**Search Buffer (m):**

1000

#### Site Details:

Dingle Farm

Dingle Lane

WARRINGTON

WA4 5NB

#### Client Details:

Ms [REDACTED]

Delta Simons

Suite D5

Joseph's Well

Hanover Walk

Leeds

West Yorkshire

LS3 1AB

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	15
Hazardous Substances	-
Geological	16
Industrial Land Use	19
Sensitive Land Use	21
Data Currency	22
Data Suppliers	28
Useful Contacts	29

### 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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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	2	1
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2		Yes		
Pollution Incidents to Controlled Waters	pg 2			2	4
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 3				1
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 4	Yes	n/a	n/a	n/a
Drift Deposits	pg 4	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 4	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 4	Yes	n/a	n/a	n/a
Source Protection Zones	pg 4				2
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 4		15	34	36

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 15	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 15				1
Potentially Infilled Land (Water)	pg 15			1	7
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
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)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 16	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 16	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 18	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 19		1	3	6
Fuel Station Entries					
Points of Interest - Commercial Services	pg 19			1	1
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 20				4
Points of Interest - Public Infrastructure	pg 20				1
Points of Interest - Recreational and Environmental	pg 20		2		3
Gas Pipelines					
Underground Electrical Cables					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 21	1		1	1
Areas of Adopted Green Belt	pg 21	1			1
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					
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
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	33	1	362650 384593
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	314	1	363050 384300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	328	1	362771 385000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	340	1	363100 384350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	364	1	363150 384400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	366	1	363200 384500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	398	1	363250 384550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	432	1	363250 384450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	498	1	362700 384000
1	<b>Discharge Consents</b> Operator: Kilroe Civil Engineering Property Type: CONSTRUCTION OF BUILDINGS Location: Dev Site Adj Green Lane, Appleton, Warrington, Cheshire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991419 Permit Version: 1 Effective Date: 19th May 1989 Issued Date: Not Supplied Revocation Date: 20th February 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Dipping Brook <b>Status: Authorisation revokedRevoked</b> Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	96	2	362900 384500
1	<b>Discharge Consents</b> Operator: Kilroe Civil Engineering Development Site Adjacent Property Type: Not Given Location: Green Lane , APPLETON Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991419B Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Unknown Discharge Environment: Freshwater Stream/River Receiving Water: Contaminated Groundwater; Outlet To The Stream; Dipping Brook; Status: Revoked <b>Status: Not Supplied</b> Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	98	2	362900 384495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Acorn Building Services Ltd  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: Numbers 1-6 Stud Farm Cottages, Lumb Brook Road, Appleton, Warrington, Wa4 3hl  Authority: Environment Agency, North West Region  Catchment Area: River Mersey (Etherow)  Reference: 016892414  Permit Version: 1  Effective Date: 30th September 2006  Issued Date: 1st March 2006  Revocation Date: 14th March 2007  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Dingle Brook  <b>Status:</b> <b>Consent revoked or revised: New Consent issued (Section 37(1))</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	259	2	362750 384930
3	<p><b>Discharge Consents</b></p> <p>Operator: Acorn Building Services Ltd  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: Numbers 1-6 Stud Farm Cottages, Lumb Brook Road, Appleton, Warrington, Wa4 3hl  Authority: Environment Agency, North West Region  Catchment Area: River Mersey (Etherow)  Reference: 016892414  Permit Version: 2  Effective Date: 15th March 2007  Issued Date: 15th March 2007  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of Dingle Brook  <b>Status:</b> <b>Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	306	2	362977 384926
4	<p><b>Discharge Consents</b></p> <p>Operator: D J Gladman  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Three Houses Stp, Cann Lane Farmhouse/Cann Lane, Appleton, Cheshire  Authority: Environment Agency, North West Region  Catchment Area: Not Given  Reference: 016991126  Permit Version: 1  Effective Date: Not Supplied  Issued Date: Not Supplied  Revocation Date: 4th August 1987  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Dipping Brook  <b>Status:</b> <b>Authorisation revokedRevoked</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SW (S)	712	2	362600 383800
	<p><b>Nearest Surface Water Feature</b></p>	A13NW (W)	1	-	362709 384590
5	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Construction: Construction: Road, Airfield, Etc  Location: Dodds Brook, Near Green Lane, APPLETON, Cheshire  Authority: Environment Agency, North West Region  Pollutant: Inert : Sands  Note: Not Supplied  Incident Date: 30th August 1999  Incident Reference: 31926  Catchment Area: River Mersey (Etherow)  Receiving Water: River Stretch (Freshwater)  Cause of Incident: Drainage Failures : Other Drainage Type Failure  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A13SE (SE)	285	2	363000 384300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given            Location: Cheshire            Authority: Environment Agency, North West Region            Pollutant: Unknown            Note: Not Supplied            Incident Date: 22nd October 1996            Incident Reference: 96712232            Catchment Area: Manchester Ship Canal            Receiving Water: Not Given            Cause of Incident: Other Incident/Unknown            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A14NW (NE)	424	2	363200 384900
7	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Connection To Surface Drains            Location: Cheshire            Authority: Environment Agency, North West Region            Pollutant: Unknown Sewage            Note: Lumb Brook Tributary; Sewage            Incident Date: 12th February 1996            Incident Reference: 96710251            Catchment Area: Manchester Ship Canal            Receiving Water: Not Given            Cause of Incident: Wrong Connection            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	738	2	362200 384000
8	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Private Sewage (Non-PLC): Sewerage Systems            Location: Location Description Not Available            Authority: Environment Agency, North West Region            Pollutant: Crude Sewage            Note: Dipping Brook            Incident Date: 13th October 1995            Incident Reference: 95712528            Catchment Area: Manchester Ship Canal            Receiving Water: Not Given            Cause of Incident: Leaking Underground Pipe            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A8SW (S)	740	2	362500 383800
8	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Construction: Construction Of Buildings            Location: Shaw (Site Agent), A Stream Near To Cann Lane, The Dingle, WARRINGTON, Cheshire            Authority: Environment Agency, North West Region            Pollutant: Contaminated Material : Contaminated Water            Note: Not Supplied            Incident Date: 28th April 1999            Incident Reference: 1564            Catchment Area: Manchester Ship Canal            Receiving Water: Canal            Cause of Incident: Deliberate Action            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	744	2	362500 383795
9	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Construction            Location: Birse Construction Site, Brook Road, APPLETON            Authority: Environment Agency, North West Region            Pollutant: Miscellaneous - Inert Suspended Solids            Note: Unnamed Tributary Of Lumb Brook; Suspended Solids            Incident Date: 13th February 1997            Incident Reference: 97710269            Catchment Area: Manchester Ship Canal            Receiving Water: Freshwater Stream/River            Cause of Incident: Land Runoff            Incident Severity: Category 3 - Minor Incident            Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	831	2	362800 385500
10	<p><b>Substantiated Pollution Incident Register</b></p> <p>Authority: Environment Agency - North West Region, South Area            Incident Date: 7th April 2002            Incident Reference: 69476            Water Impact: Category 4 - No Impact            Air Impact: Category 2 - Significant Incident            Land Impact: Category 4 - No Impact            Positional Accuracy: Located by supplier to within 10m            Pollutant: Atmospheric Pollutants And Effects: Effects On Humans</p>	A14SE (E)	648	2	363470 384416

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability</b> Soil Classification: Not classified Map Sheet: Sheet 16 West Cheshire Scale: 1:100,000	A13NW (NW)	0	2	362771 384593
	<b>Groundwater Vulnerability</b> 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	A13NW (NW)	0	2	362709 384625
	<b>Drift Deposits</b> 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	A13NW (NW)	0	2	362720 384646
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	A13NW (NW)	0	1	362771 384593
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NW)	0	1	362771 384593
11	<b>Source Protection Zones</b> Name: Daresbury Source: Environment Agency, Head Office Reference: Nw036 Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A12SW (W)	917	2	361775 384533
12	<b>Source Protection Zones</b> Name: Various Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A17NW (NW)	942	2	362026 385318
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 37.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (W)	1	3	362709 384590
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 59.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	10	3	362772 384489
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 182.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Dood's Brook Catchment Name: Mersey Primacy: 1	A13SW (SW)	21	3	362696 384539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 257.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Dood's Brook Catchment Name: Mersey Primacy: 1	A13SW (S)	24	3	362728 384482
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 174.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (W)	25	3	362677 384589
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (N)	25	3	362728 384700
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 402.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Dingle Brook Catchment Name: Mersey Primacy: 1	A13NW (NW)	32	3	362691 384694
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (S)	164	3	362828 384334
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 260.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (S)	164	3	362828 384334
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 33.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (S)	165	3	362826 384334
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (S)	187	3	362808 384308
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 69.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (S)	192	3	362825 384305

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	205	3	362759 384291
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 0.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	206	3	362747 384290
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (S)	206	3	362747 384290
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 101.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SW (W)	254	3	362456 384498
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	296	3	362463 384837
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	315	3	362444 384843
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	320	3	362439 384846
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 40.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	321	3	362443 384852
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	328	3	362458 384881

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	328	3	362458 384881
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	331	3	362454 384881
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	340	3	362447 384887
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 164.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	343	3	362838 385000
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 509.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Dingle Brook Catchment Name: Mersey Primacy: 1	A18SW (N)	343	3	362729 385015
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 56.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	346	3	363020 384235
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	346	3	363020 384235
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 39.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Dipping Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	347	3	363020 384234
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	354	3	362358 384474



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	354	3	362886 385002
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	356	3	362894 385002
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 401.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Dipping Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	358	3	362974 384186
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 44.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	360	3	362352 384475
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 100.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18SE (N)	365	3	362903 385009
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	373	3	363017 384196
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 141.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	393	3	363026 384179
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	393	3	363026 384179
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 317.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	395	3	363025 384176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 56.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	395	3	363074 384218
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 109.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	395	3	363074 384218
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	403	3	362309 384469
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	412	3	362300 384470
56	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	426	3	362286 384469
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 29.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	437	3	362274 384469
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 33.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	437	3	362571 384097
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 127.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	442	3	363130 384209
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 90.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	468	3	362548 384073

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 333.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Dipping Brook Catchment Name: Mersey Primacy: 1	A8NW (S)	495	3	362702 384003
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	504	3	363082 384082
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	506	3	362918 384005
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 61.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	509	3	362735 383987
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 81.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (SE)	517	3	363084 384068
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 119.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (SW)	556	3	362504 383997
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 202.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	567	3	362714 383930
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 79.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	581	3	363157 384042
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 407.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NW (SE)	587	3	363131 384015

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (NW)	659	3	362088 384917
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 26.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	662	3	362088 384927
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17SW (NW)	662	3	362088 384927
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 297.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Lumb Brook Catchment Name: Mersey Primacy: 1	A17SE (NW)	673	3	362363 385246
74	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	711	3	362481 383838
75	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 26.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	712	3	362729 383784
76	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 339.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	718	3	362471 383835
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 93.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	718	3	362471 383835
78	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 7.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	750	3	363528 384988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 49.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	756	3	363531 384995
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 168.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	791	3	363537 385057
81	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	792	3	362489 383749
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	796	3	362492 383743
83	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 282.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	797	3	363595 384958
84	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 71.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	798	3	362494 383741
85	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 80.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	798	3	363558 385035
86	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	801	3	363597 384965
87	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	808	3	363603 384966

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	808	3	363603 384966
89	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 481.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	836	3	362540 383687
90	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 117.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NW (N)	880	3	362498 385524
91	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A17NE (NW)	907	3	362381 385514
92	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 591.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Lumb Brook Catchment Name: Mersey Primacy: 1	A17NE (NW)	908	3	362379 385513
93	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 33.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	916	3	362223 383745
94	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 43.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	926	3	363637 385151
95	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 256.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	926	3	363637 385151
96	<b>OS Water Network Lines</b> Watercourse Form: Marsh Watercourse Length: 29.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	939	3	362190 383741

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 219.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	968	3	362170 383720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Warrington Unitary Council - Has not been able to supply Landfill data		0	4	362771 384593
98	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A3NE (S)	976	-	363016 383544
99	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12NE (NW)	438	-	362338 384907
100	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A8NW (S)	568	-	362557 383962
101	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NE (SW)	627	-	362420 383962
102	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NE (SW)	678	-	362148 384174
103	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17NE (NW)	686	-	362395 385278
104	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12NW (W)	733	-	361964 384762
105	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SW (W)	893	-	361855 384968
106	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12NW (W)	928	-	361776 384822



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Triassic Rocks (Undifferentiated)	A13NW (NW)	0	1	362771 384593
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	0	1	362771 384593
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A13NW (W)	27	1	362653 384629
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil 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	A13SW (SW)	29	1	362696 384501
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil 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	A18SE (NE)	397	1	363041 384997
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil 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	A18SE (N)	535	1	363000 385160
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A9NW (SE)	559	1	363249 384172

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A18SE (N)	597	1	362898 385248
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	687	1	362000 384593
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	703	1	363483 384974
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A12SW (W)	738	1	362000 384336
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	362771 384593
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	362771 384593
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	362771 384593
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	362771 384593
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	362771 384593

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	27	1	362696 384501
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	362771 384593
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	27	1	362696 384501
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	362771 384593
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	362771 384593

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	<b>Contemporary Trade Directory Entries</b> Name: Stone Communications Location: Brookwood, Green Lane, Appleton, Warrington, WA4 5NG Classification: Printers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (S)	150	-	362772 384346
108	<b>Contemporary Trade Directory Entries</b> Name: Scanachrome Location: 6, Stud Farm Cottages, Lumb Brook Road, Appleton, Warrington, WA4 3HL Classification: Printers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	267	-	363014 384862
109	<b>Contemporary Trade Directory Entries</b> Name: Foss Chemicals Ltd Location: 3, Larkstoke Close, Appleton, Warrington, WA4 5AU Classification: Chemical Manufacturers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	373	-	362330 384519
110	<b>Contemporary Trade Directory Entries</b> Name: V J D Engineering Services Location: 15, Petersham Drive, Appleton, Warrington, WA4 5QF Classification: Sheet Metal Work Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	404	-	362466 384207
111	<b>Contemporary Trade Directory Entries</b> Name: Complete Packaging Location: 85 Standfield Drive, Warrington, Cheshire, WA4 3AE Classification: Packaging & Wrapping Equipment & Supplies Status: <b>Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	579	-	363224 385095
111	<b>Contemporary Trade Directory Entries</b> Name: Arnold G F Location: 64, Stansfield Drive, Grappenhall, Warrington, Cheshire, WA4 3EA Classification: Refrigerators & Freezers - Servicing & Repairs Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SW (NE)	603	-	363217 385131
112	<b>Contemporary Trade Directory Entries</b> Name: Mail Planning Services Location: The Garden House, Appleton Hall Gardens, Appleton, Warrington, WA4 5NE Classification: Mailing Machines & Equipment Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	581	-	362150 384384
113	<b>Contemporary Trade Directory Entries</b> Name: Rampcraft Access Ramps Location: Lumb Brook Rd, Appleton, Warrington, Cheshire, WA4 3HJ Classification: Disability Equipment - Manufacturers & Suppliers Status: <b>Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A18SE (NE)	585	-	363058 385194
113	<b>Contemporary Trade Directory Entries</b> Name: Rampcraft Location: Lumb Brook Road, Appleton, Warrington, WA4 3HJ Classification: Disability Equipment - Manufacturers & Suppliers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A18SE (NE)	608	-	363052 385220
114	<b>Contemporary Trade Directory Entries</b> Name: Optimum Travel Location: 28, Woodbridge Close, Appleton, WARRINGTON, WA4 5RD Classification: Car Engine Tuning & Diagnostic Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	A3NW (S)	959	-	362538 383560
115	<b>Points of Interest - Commercial Services</b> Name: V J D Engineering Services Location: 15 Petersham Drive, Appleton, Warrington, WA4 5QF Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A8NW (SW)	404	5	362466 384207
116	<b>Points of Interest - Commercial Services</b> Name: Rubbish Baby Industries Ltd Location: 68 Dale Lane, Appleton, Warrington, WA4 3DG Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A17NE (NW)	874	5	362298 385439

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	<b>Points of Interest - Manufacturing and Production</b> Name: P M & T M Stansfield Location: Lumb Brook Road, Appleton, Warrington, WA4 3HJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A18SE (NE)	608	5	363052 385220
117	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: WA4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (NE)	695	5	363077 385304
118	<b>Points of Interest - Manufacturing and Production</b> Name: P Jones Location: Lumb Brook Road, Appleton, Warrington, WA4 3HH Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A18NW (N)	873	5	362682 385544
119	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: WA4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	929	5	361938 385193
120	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: WA4 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	765	5	361985 384296
121	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	243	5	362492 384789
121	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Longwood Road, WA4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	243	5	362492 384789
122	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Stansfield Drive, WA4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19NW (NE)	694	5	363157 385271
123	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	827	5	362241 383843
123	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Hatfield Gardens, WA4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7SE (SW)	837	5	362240 383831

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1417986 Area(m <sup>2</sup> ): 68663.26 Type: Ancient and Semi-Natural Woodland	A13NW (W)	0	6	362710 384589
125	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1417987 Area(m <sup>2</sup> ): 18125.51 Type: Ancient and Semi-Natural Woodland	A18SW (N)	335	6	362681 385005
126	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1417988 Area(m <sup>2</sup> ): 4565.17 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	625	6	362421 385224
127	<b>Areas of Adopted Green Belt</b> Authority: Warrington Borough Council Plan Name: Core Strategy Status: <b>Adopted</b> Plan Date: 21st July 2014	A13NW (NW)	0	7	362771 384593
128	<b>Areas of Adopted Green Belt</b> Authority: Warrington Borough Council Plan Name: Core Strategy Status: <b>Adopted</b> Plan Date: 21st July 2014	A9NW (SE)	756	7	363387 384028

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Cheshire East Council - Environmental Health Department Macclesfield Borough Council (now part of Cheshire East Council) - Health and Public Safety Warrington Borough Council - Environmental Health Department Vale Royal Borough Council (now part of Cheshire West and Chester Council) - Community Services Directorate Cheshire West and Chester Council - Environmental Health Department Halton Borough Council - Environmental Health Department	April 2014 July 2008 March 2015 November 2008  November 2013 October 2014	Annually Not Applicable Annually Not Applicable  Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - North West Region	July 2017	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - North West Region	March 2013	As notified
<b>Integrated Pollution Controls</b> Environment Agency - North West Region	October 2008	Not Applicable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - North West Region	July 2017	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Halton Borough Council - Environmental Health Department Warrington Borough Council - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department Vale Royal Borough Council (now part of Cheshire West and Chester Council) - Environmental Health Department Cheshire East Council - Environmental Health Department	February 2009  February 2013 February 2015 July 2015 June 2009  September 2014	Not Applicable  Annual Rolling Update Annual Rolling Update Annually Not Applicable  Annually
<b>Local Authority Pollution Prevention and Controls</b> Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Warrington Borough Council - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department Vale Royal Borough Council (now part of Cheshire West and Chester Council) - Environmental Health Department Halton Borough Council - Environmental Health Department Cheshire East Council - Environmental Health Department	February 2009  February 2015 July 2015 June 2009  November 2014 September 2014	Not Applicable  Annual Rolling Update Annually Not Applicable  Annual Rolling Update Annually
<b>Local Authority Pollution Prevention and Control Enforcements</b> Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Warrington Borough Council - Environmental Health Department Cheshire West and Chester Council - Environmental Health Department Vale Royal Borough Council (now part of Cheshire West and Chester Council) - Environmental Health Department Halton Borough Council - Environmental Health Department Cheshire East Council - Environmental Health Department	February 2009  February 2015 July 2015 June 2009  November 2014 September 2014	Not Applicable  Annual Rolling Update Annually Not Applicable  Annual Rolling Update Annually
<b>Nearest Surface Water Feature</b> Ordnance Survey	May 2017	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - North West Region	January 2000	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - North West Region	March 2013	As notified
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - North West Region	March 2013	As notified
<b>Registered Radioactive Substances</b> Environment Agency - North West Region	January 2015	
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable

Agency & Hydrological	Version	Update Cycle
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - North West Region - South Area	July 2017	Quarterly
<b>Water Abstractions</b> Environment Agency - North West Region	April 2017	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - North West Region	July 2017	Quarterly
<b>Groundwater Vulnerability</b> Environment Agency - Head Office	April 2015	Not Applicable
<b>Drift Deposits</b> Environment Agency - Head Office	January 1999	Not Applicable
<b>Bedrock Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	August 2015	As notified
<b>Superficial Aquifer Designations</b> British Geological Survey - National Geoscience Information Service	August 2015	As notified
<b>Source Protection Zones</b> Environment Agency - Head Office	July 2017	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2017	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2017	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	August 2017	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	August 2017	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2017	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	April 2017	6 Weekly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	As notified
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	As notified
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually



Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	May 2017	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - North West Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - North West Region - South Area	May 2017	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - North West Region - South Area	July 2017	Quarterly
<b>Local Authority Landfill Coverage</b> Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Halton Borough Council - Environmental Health Department Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Vale Royal Borough Council (now part of Cheshire West and Chester Council) - Environmental Health Department Warrington Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department Halton Borough Council - Environmental Health Department Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department Vale Royal Borough Council (now part of Cheshire West and Chester Council) - Environmental Health Department Warrington Borough Council - Environmental Health Department	February 2005 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - North West Region - South Area	March 2003	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - North West Region - South Area	March 2003	Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - North West Region - South Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	March 2017	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Bi-Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Cheshire West and Chester Council - Planning Department Vale Royal Borough Council (now part of Cheshire West and Chester Council) Halton Borough Council Macclesfield Borough Council (now part of Cheshire East Council) - Planning Department Cheshire East Council - Planning Department Cheshire County Council (now part of Cheshire East Council) - Planning Department Warrington Borough Council - Environmental and Regeneration	April 2016 August 2009 August 2015 December 2008 February 2016 July 2008 June 2016	Annually Not Applicable Annual Rolling Update Not Applicable Annually Annual Rolling Update Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> Cheshire West and Chester Council - Planning Department Vale Royal Borough Council (now part of Cheshire West and Chester Council) Halton Borough Council Macclesfield Borough Council (now part of Cheshire East Council) - Planning Department Cheshire East Council - Planning Department Cheshire County Council (now part of Cheshire East Council) - Planning Department Warrington Borough Council - Environmental and Regeneration	April 2016 August 2009 August 2015 December 2008 February 2016 July 2008 June 2016	Annually Not Applicable Annual Rolling Update Not Applicable Annually Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	April 2017	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	As notified
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	June 2015	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	June 2017	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	August 2017	Quarterly
<b>Gas Pipelines</b> National Grid	July 2014	Quarterly
<b>Points of Interest - Commercial Services</b> PointX	September 2017	Quarterly
<b>Points of Interest - Education and Health</b> PointX	September 2017	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	September 2017	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	September 2017	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	September 2017	Quarterly
<b>Underground Electrical Cables</b> National Grid	December 2015	Bi-Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	May 2017	Bi-Annually
<b>Areas of Adopted Green Belt</b> Halton Borough Council Macclesfield Borough Council (now part of Cheshire East Council) Vale Royal Borough Council (now part of Cheshire West and Chester Council) Warrington Borough Council	May 2017 May 2017 May 2017 May 2017	As notified As notified As notified As notified
<b>Areas of Unadopted Green Belt</b> Cheshire East Council - Planning Department Halton Borough Council Macclesfield Borough Council (now part of Cheshire East Council) Vale Royal Borough Council (now part of Cheshire West and Chester Council) Warrington Borough Council	May 2017 May 2017 May 2017 May 2017 May 2017	As notified As notified As notified As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	August 2017	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	Annually
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	August 2017	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	August 2017	Bi-Annually
<b>National Nature Reserves</b> Natural England	August 2017	Bi-Annually
<b>National Parks</b> Natural England	August 2017	Bi-Annually
<b>Nitrate Vulnerable Zones</b> Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	June 2017 October 2015	Bi-Annually Annually
<b>Ramsar Sites</b> Natural England	August 2017	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	August 2017	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	August 2017	Bi-Annually
<b>Special Protection Areas</b> Natural England	August 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	 <b>British Geological Survey</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> 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
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 023 8079 2000 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	<b>Warrington Borough Council - Environmental Health Department</b> Technical Services, Palmyra House, Palmyra Square North, North Warrington, Cheshire, WA1 1JN	Telephone: 01925 444400 Fax: 01925 442024 Website: www.warrington.gov.uk
5	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
6	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
7	<b>Warrington Borough Council</b> Town Hall, Warrington, Cheshire, WA1 1UH	Telephone: 01925 442140 Fax: 01925 442024 Website: www.warrington.gov.uk
8	<b>Vale Royal Borough Council (now part of Cheshire West and Chester Council)</b> 58 Nicholas Street, Chester, Cheshire, CH1 2NP	Telephone: 0300 1238123 Email: enquiries@cheshirewestandchester.gov.uk Website: www.cheshirewestandchester.gov.uk
9	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> 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.

## Geology 1:50,000 Maps Legends

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TFD	Tidal Flat Deposits	Clay, Silt and Sand	Holocene - Holocene
	TILLD	Till, Devensian	Diamicton	Devensian - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Devensian - Devensian
	SSA	Shirdley Hill Sand Formation	Sand	Flandrian - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Devensian - Devensian
	PEAT	Peat	Peat [Unlithified Deposits Coding Scheme]	Quaternary - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BOM	Bollin Mudstone Member	Mudstone	Anisian - Anisian
	TPSF	Tarporley Siltstone Formation	Siltstone, Mudstone and Sandstone	Anisian - Olenekian
	HEY	Helsby Sandstone Formation	Sandstone, Pebbly (Gravelly)	Anisian - Early Triassic
	WLSF	Wimslow Sandstone Formation	Sandstone	Early Triassic - Early Triassic
		Faults		

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### Geology 1:50,000 Maps

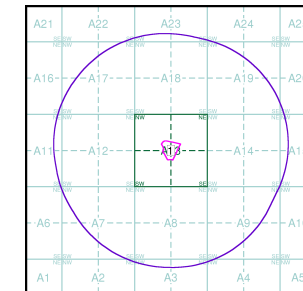
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

### Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	097
Map Name:	Runcorn
Map Date:	1980
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

### Geology 1:50,000 Maps - Slice A



### Order Details:

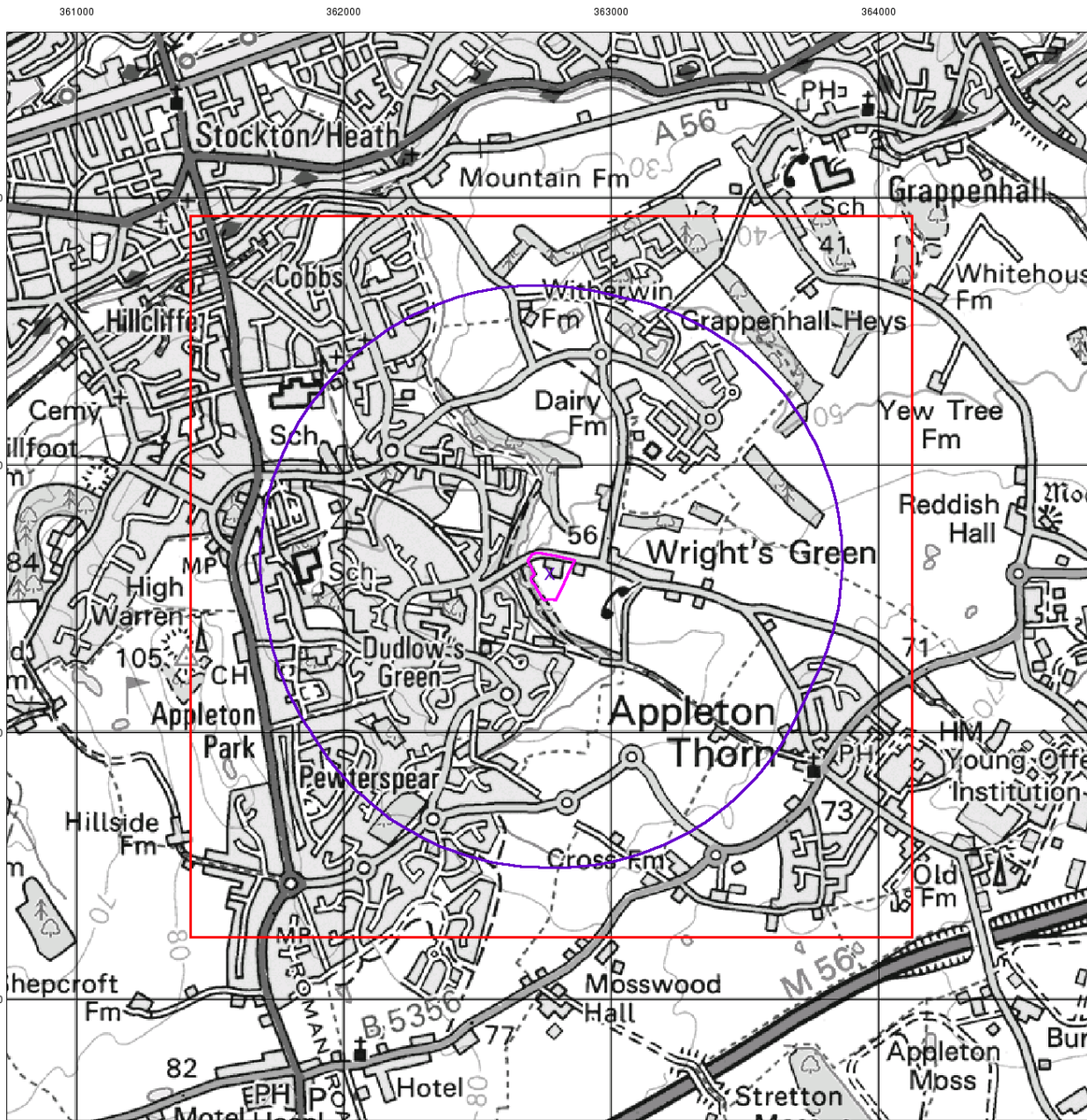
Order Number:	139211948_1_1
Customer Reference:	Dingle Farm
National Grid Reference:	362770, 384590
Slice:	A
Site Area (Ha):	2.01
Search Buffer (m):	1000

### Site Details:

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB

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## Artificial Ground and Landslip

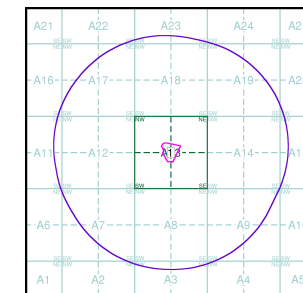
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

## Artificial Ground and Landslip Map - Slice A



### Order Details:

Order Number: 13921948\_1\_1  
 Customer Reference: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

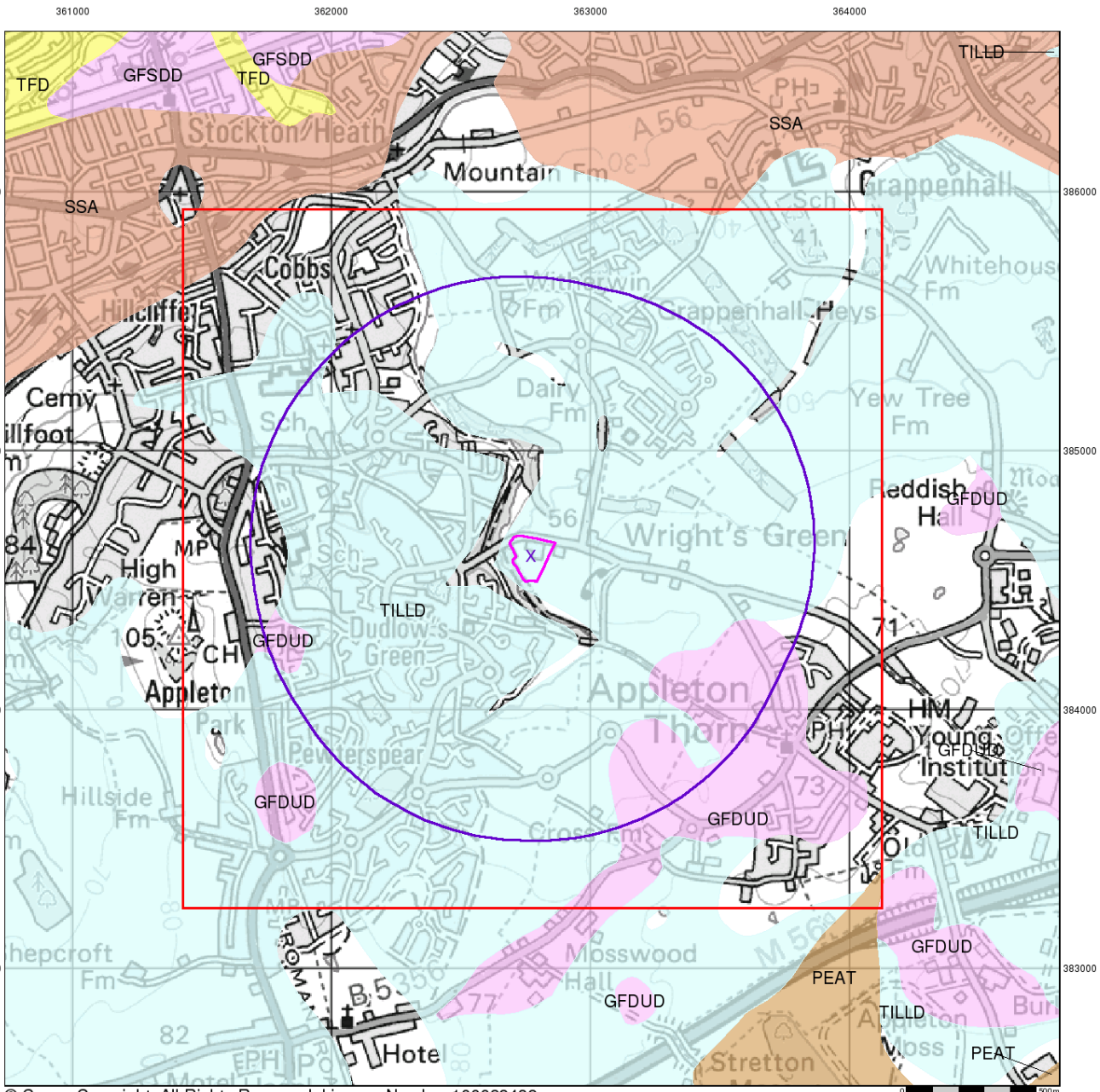
### Site Details:

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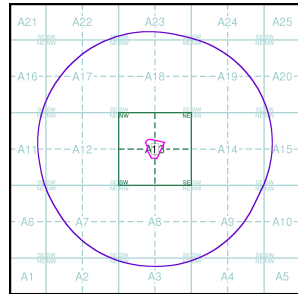
## Superficial Geology

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

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

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

## Superficial Geology Map - Slice A



### Order Details:

Order Number: 139211948\_1\_1  
 Customer Reference: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

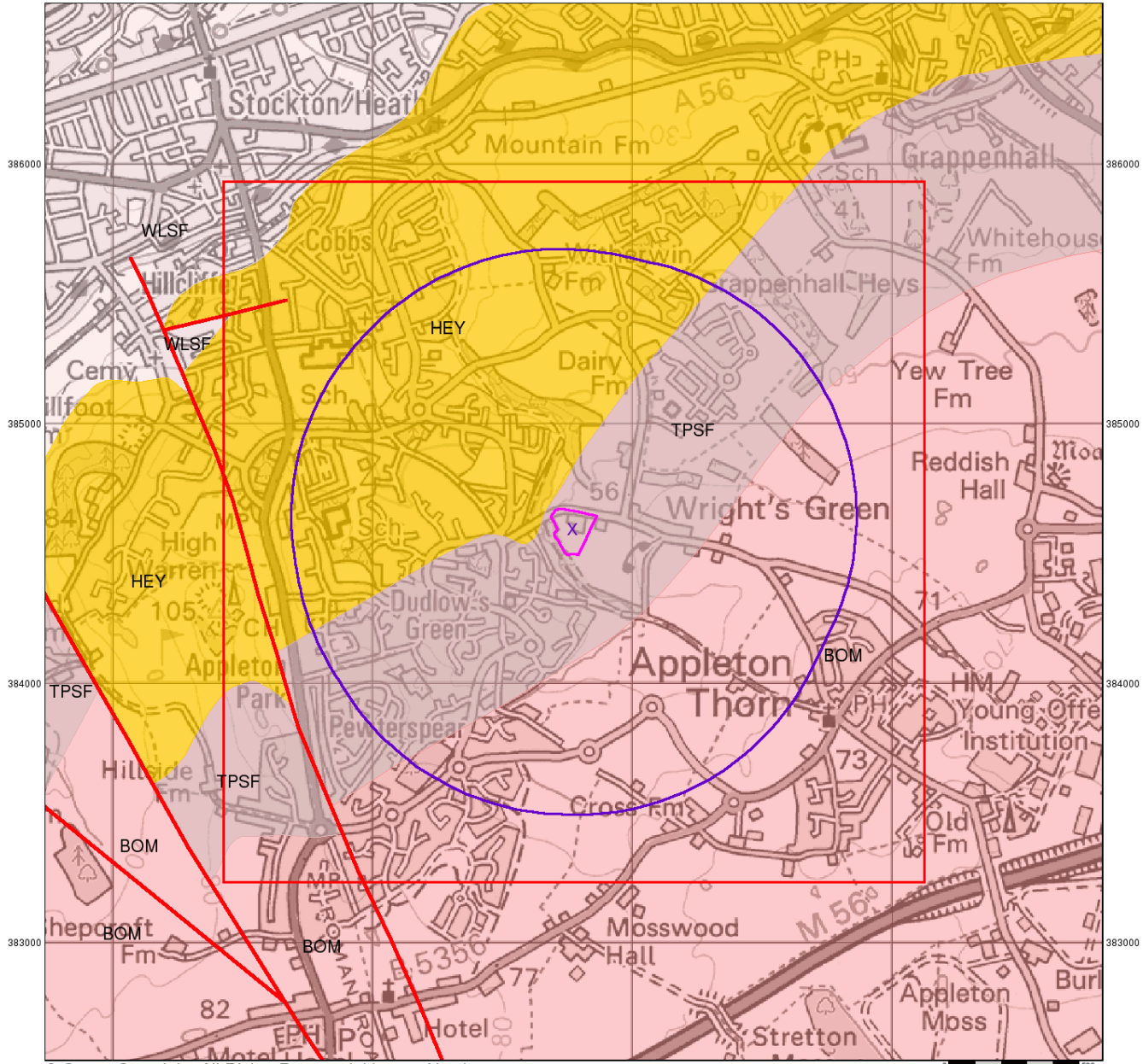
### Site Details:

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## Bedrock and Faults

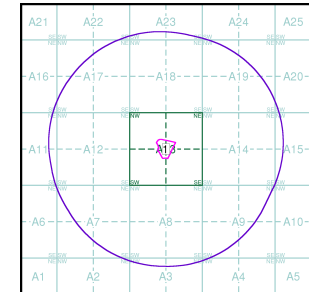
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

## Bedrock and Faults Map - Slice A



### Order Details:

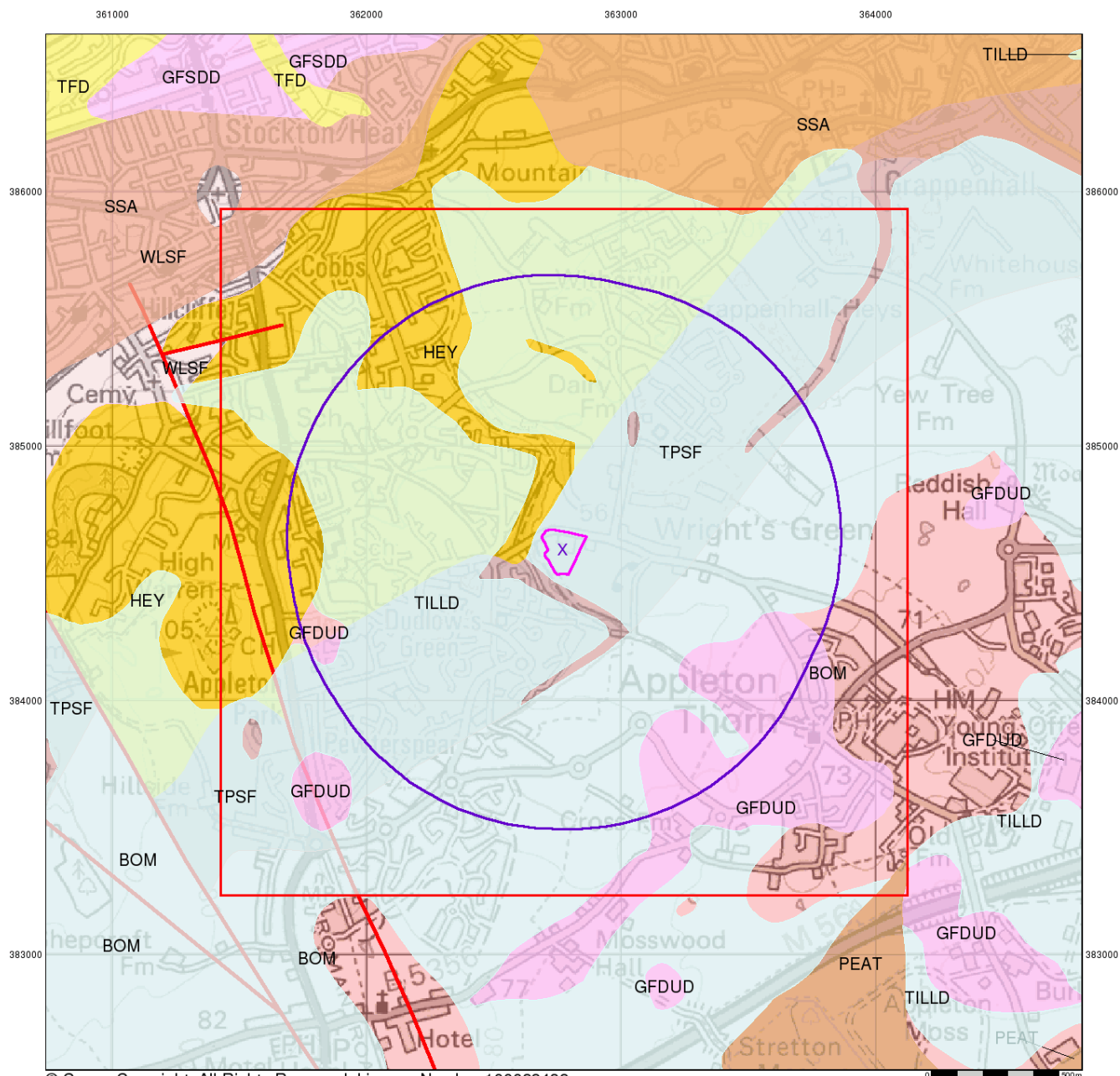
Order Number: 139211948\_1\_1  
 Customer Reference: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details:

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB

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## Combined Surface Geology

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

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

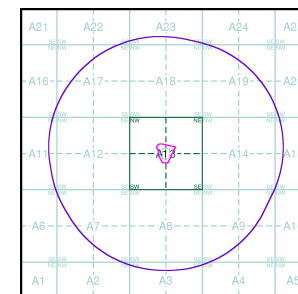
## Additional Information

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

## Contact

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

## Combined Geology Map - Slice A



## Order Details:

Order Number: 139211948\_1\_1  
 Customer Reference: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

## Site Details:

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## General

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

## Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- 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

## Waste

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

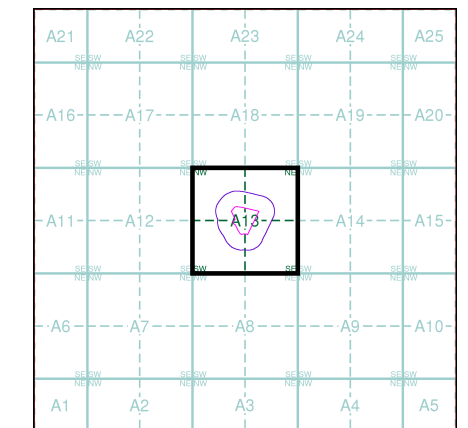
## Hazardous Substances

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

## Geological

- BGS Recorded Mineral Site

## Site Sensitivity Map - Segment A13

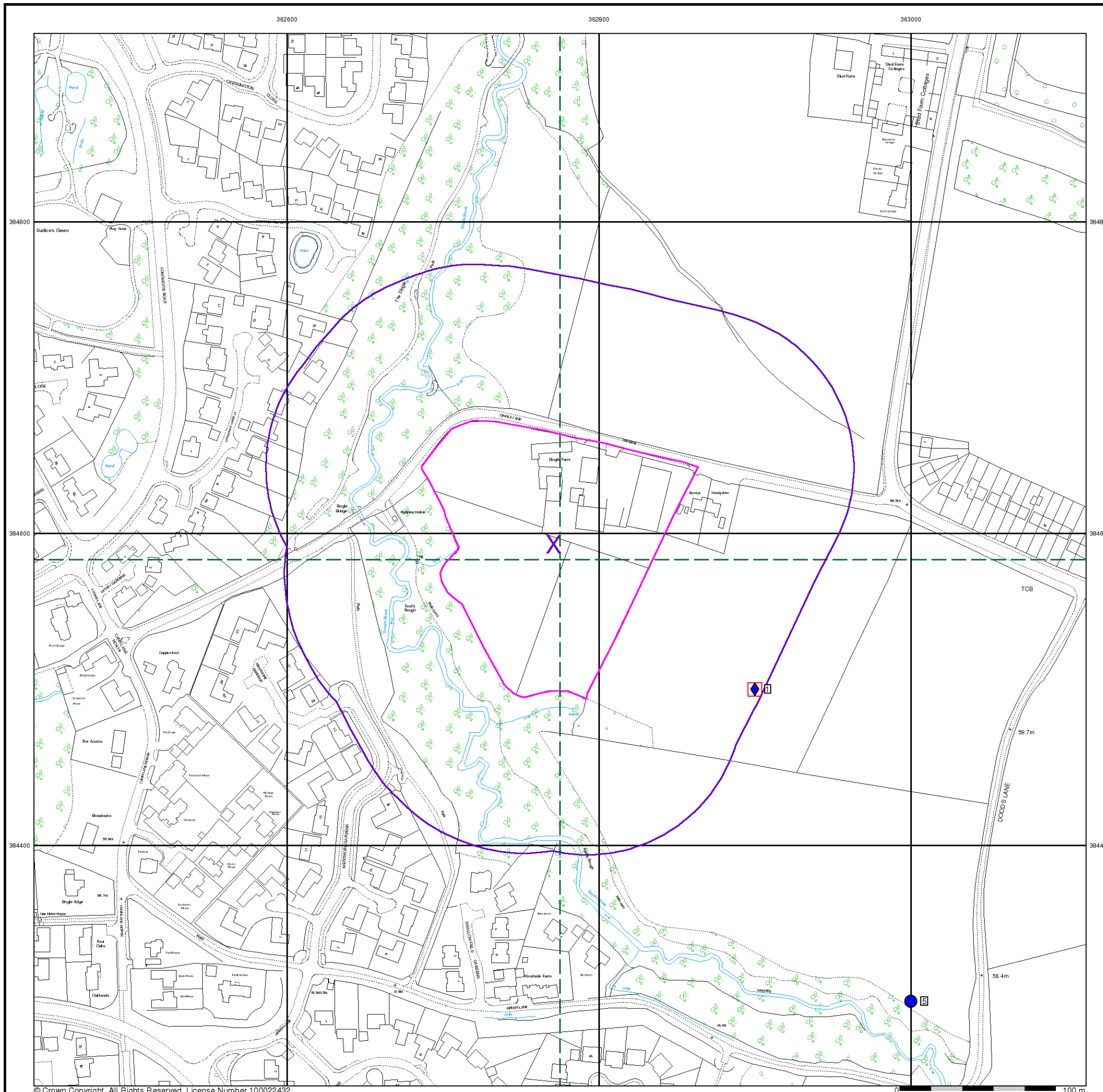


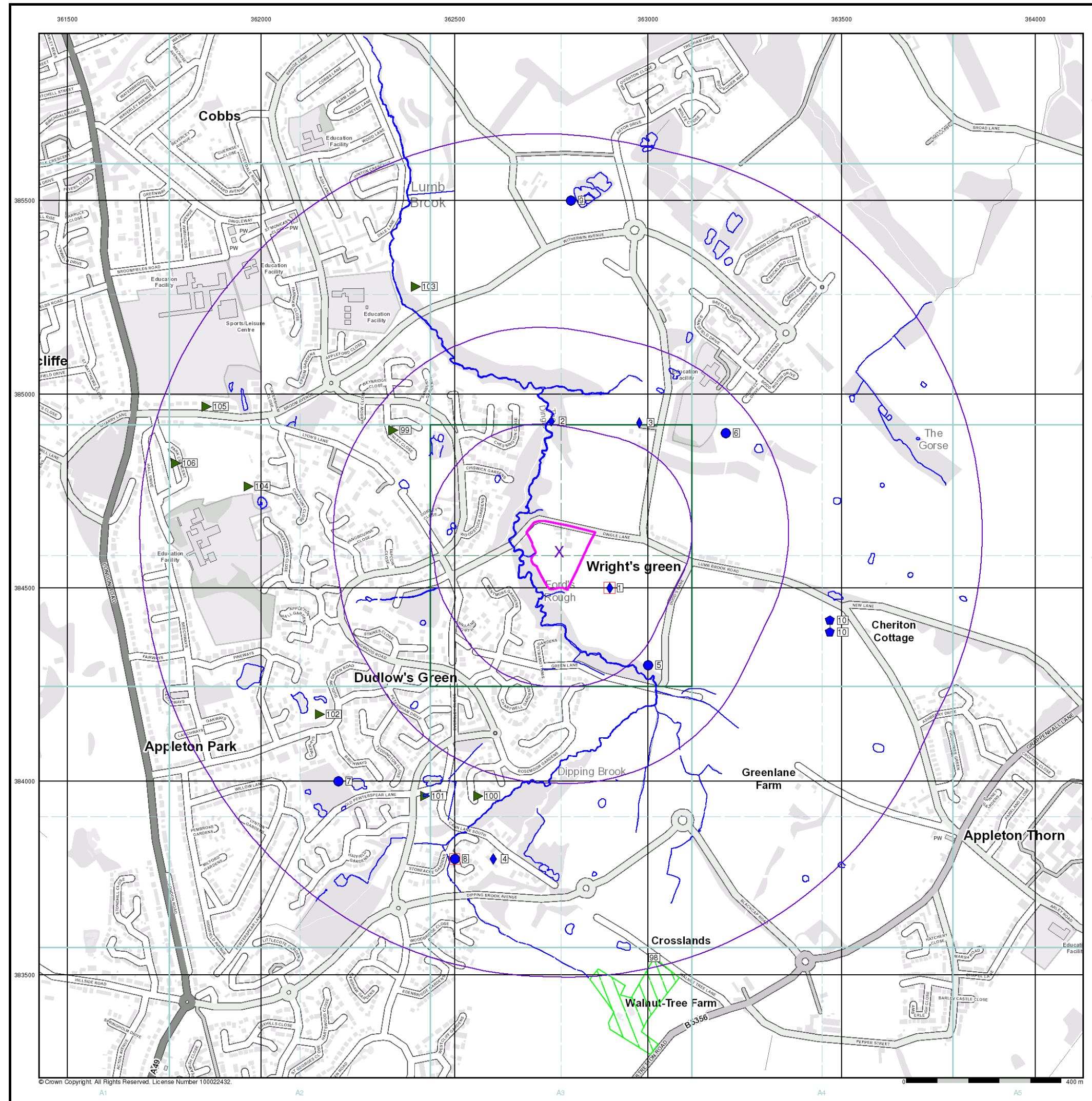
## Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Plot Buffer (m): 100

## Site Details

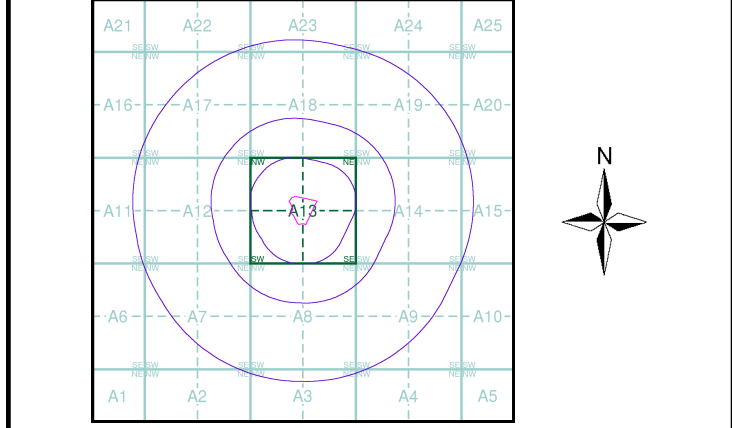
Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB





- 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)
  - 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

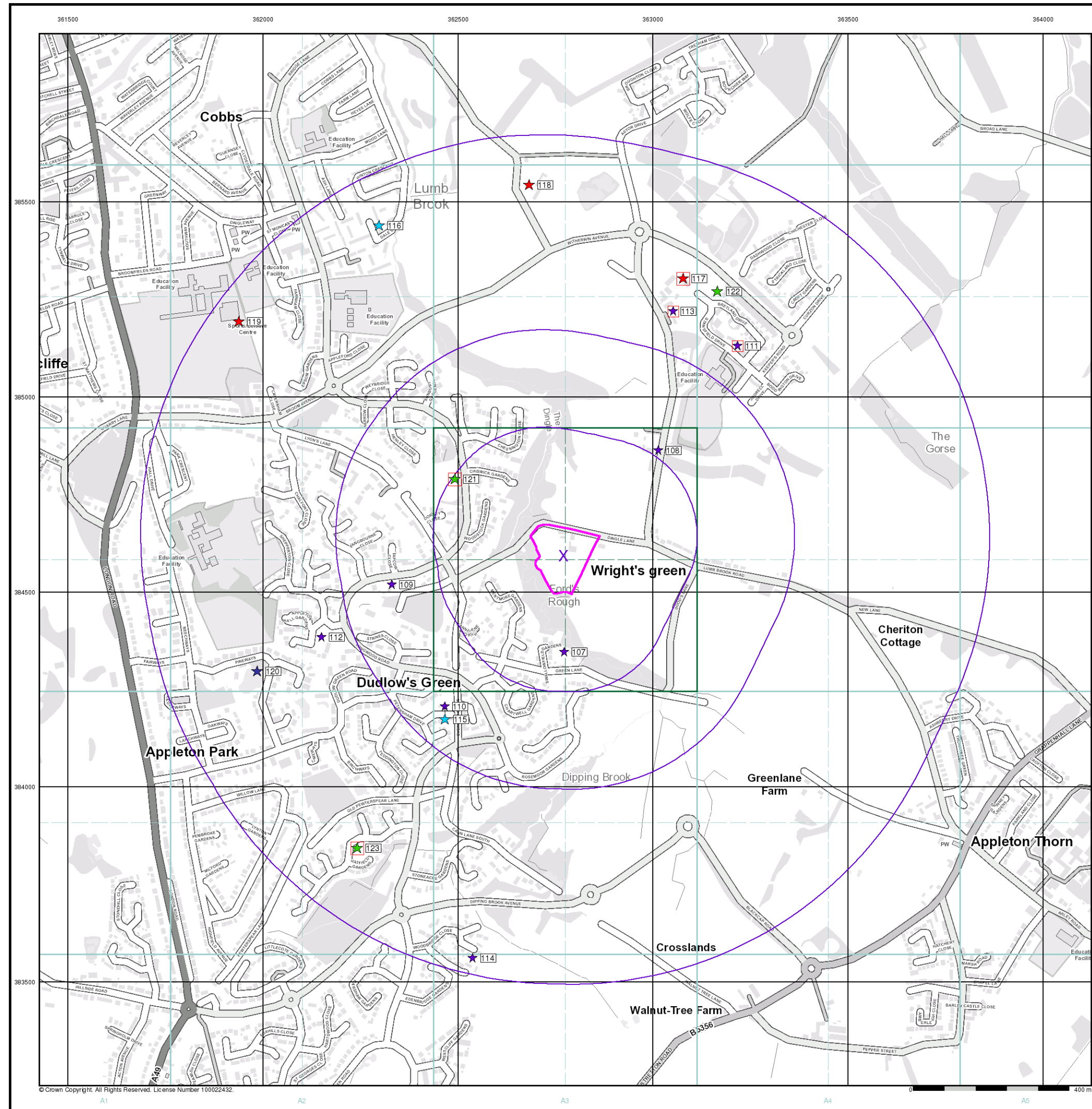
### Site Sensitivity Map - Slice A



**Order Details**






Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

**Site Details**  
 Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB












## Industrial Land Use Map

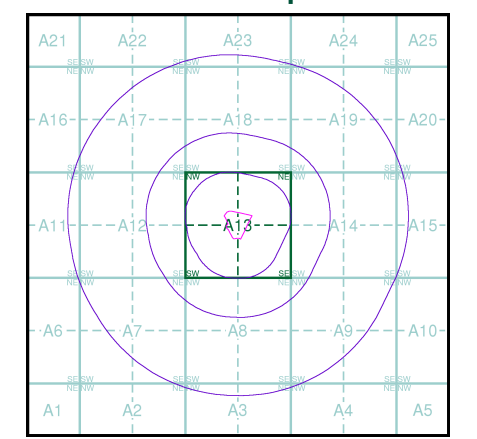
### General

-  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

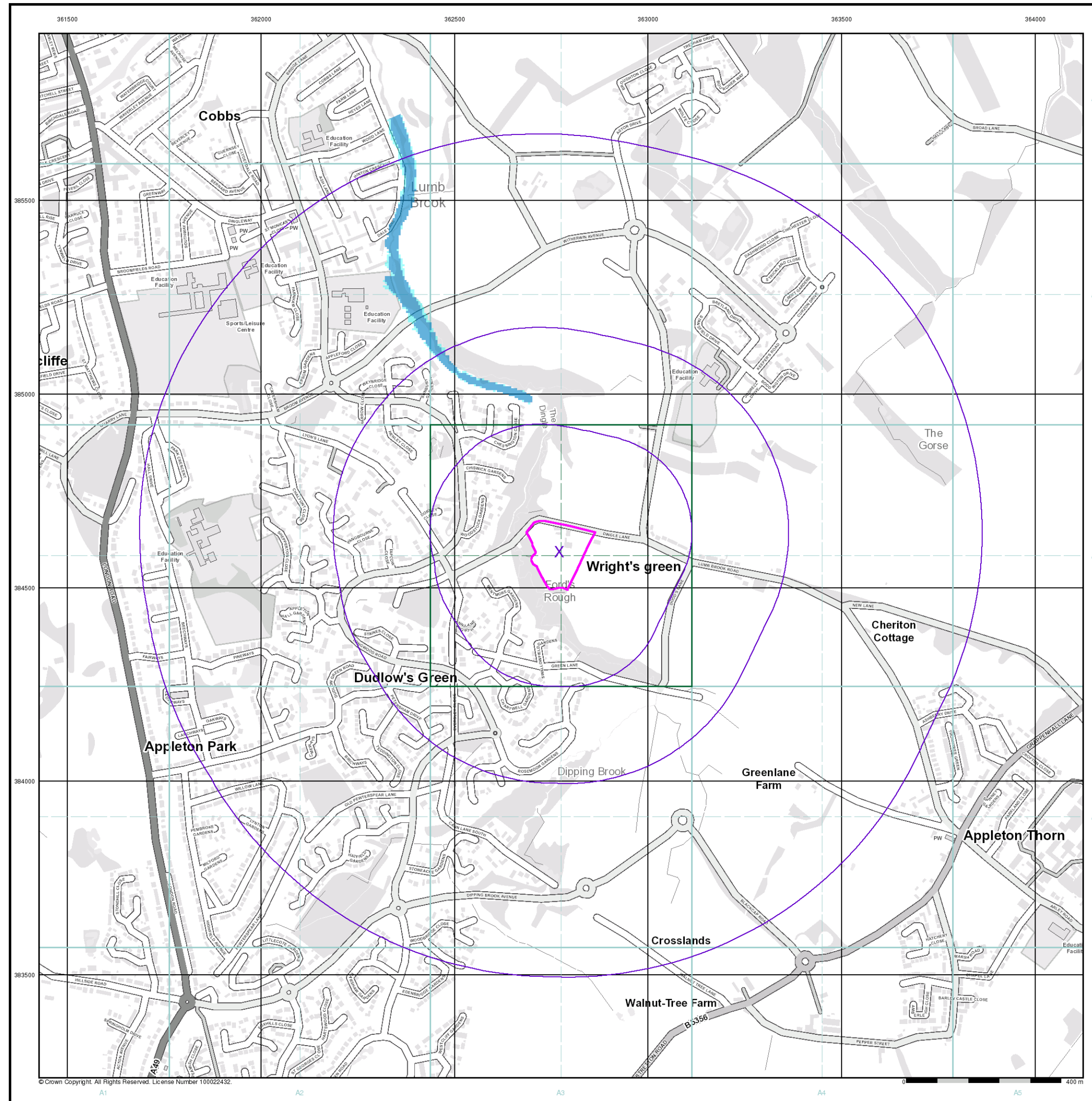


### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB



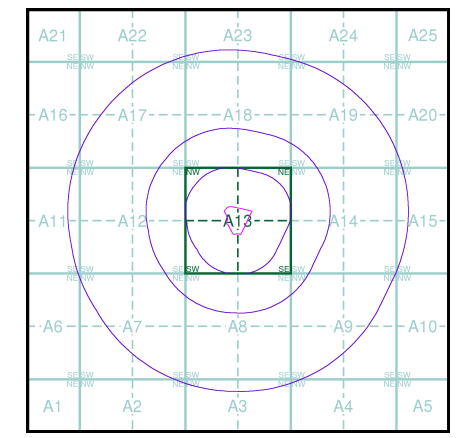
### General

- 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

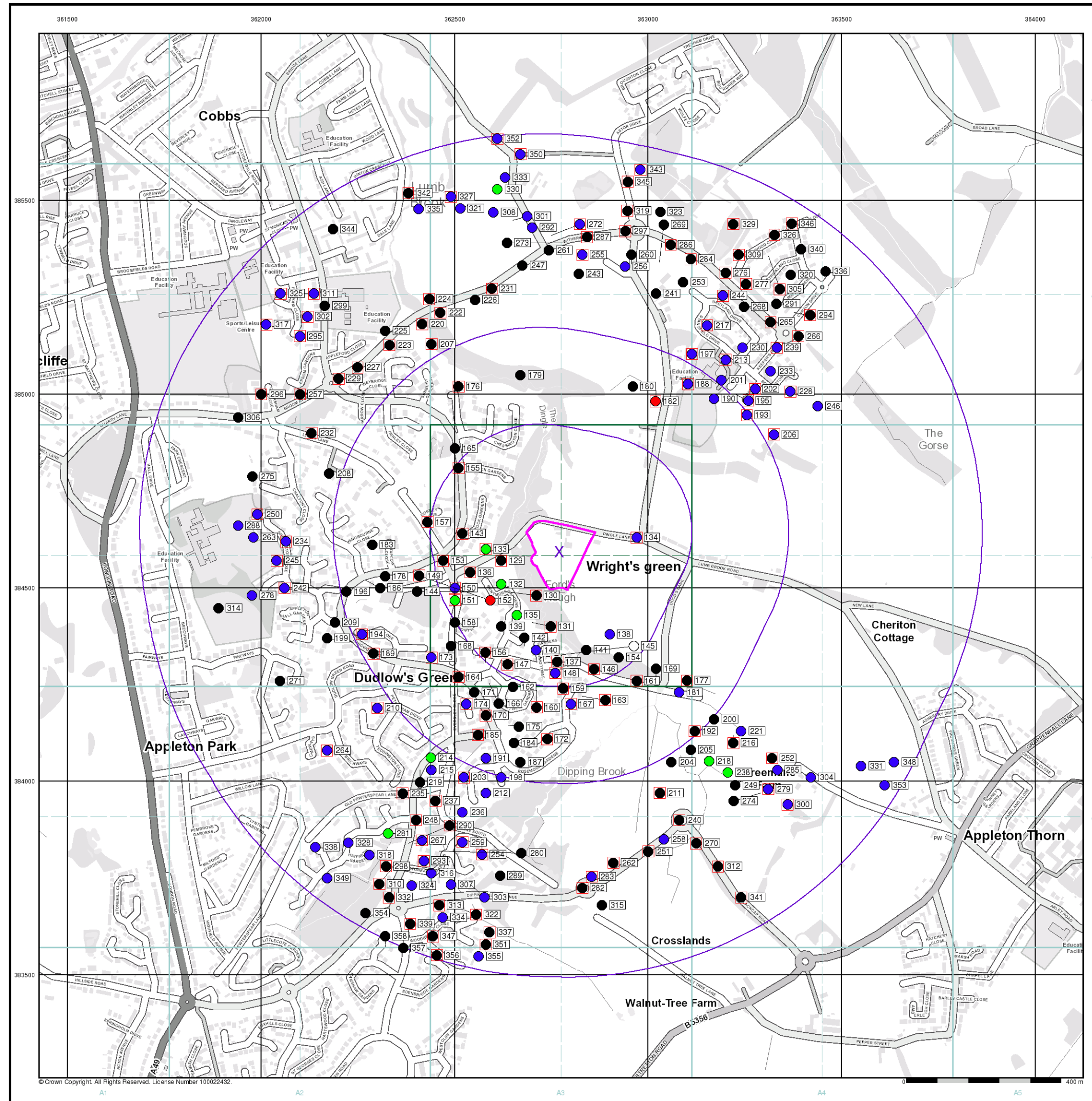


### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB



### General

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

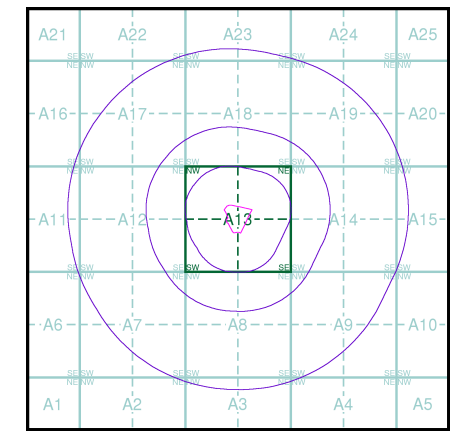
### Agency and Hydrological (Boreholes)

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

### Borehole Map - Slice A



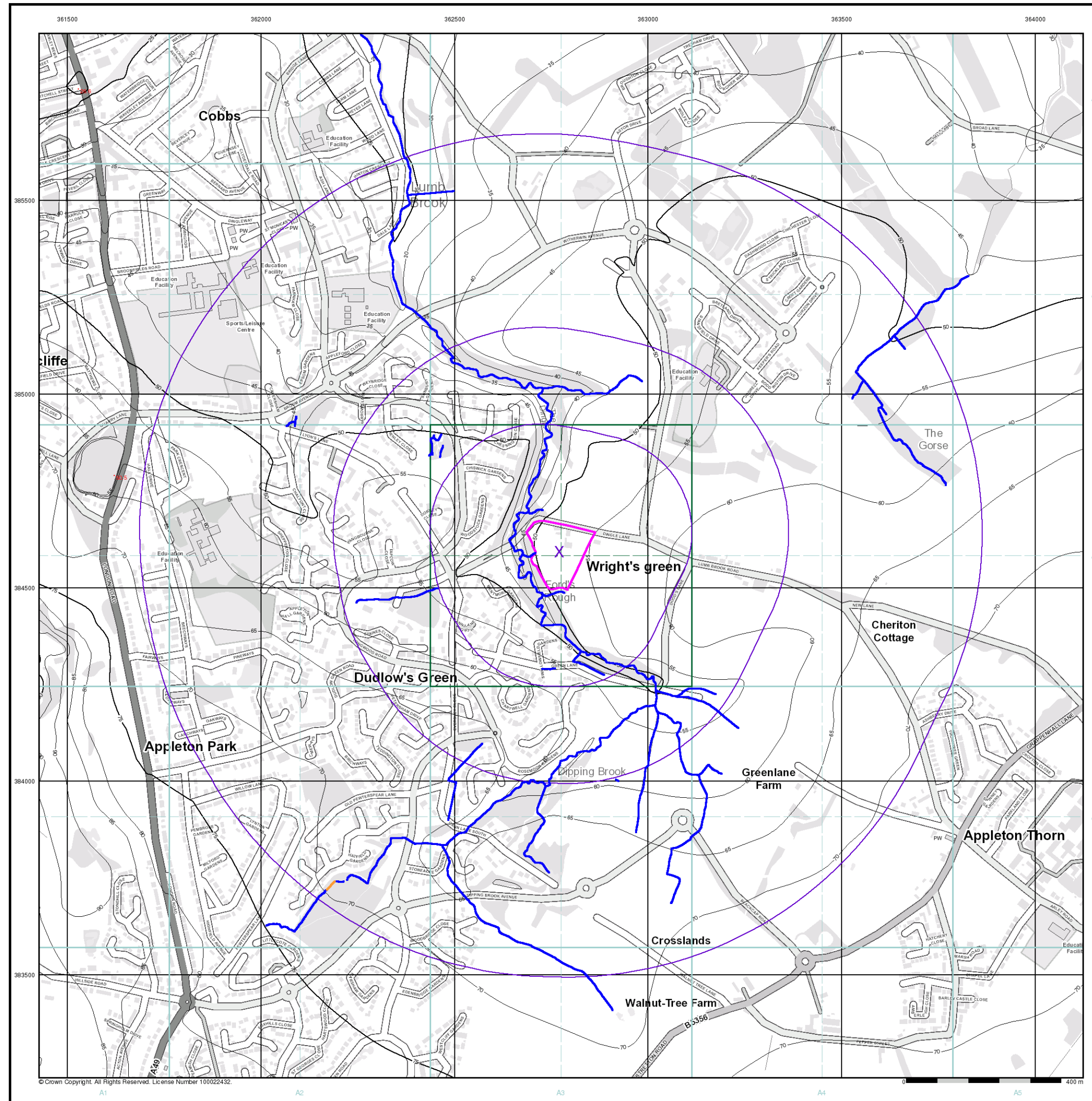
### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details

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### General

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

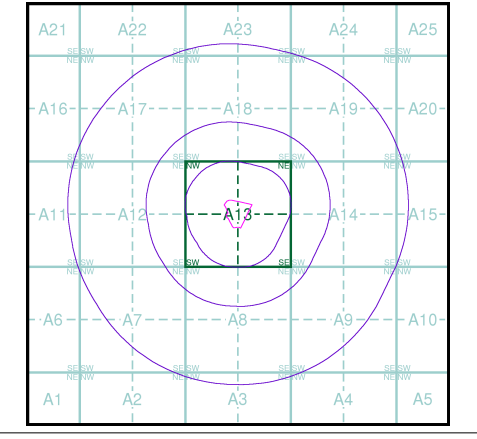
### OS Water Network Data

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

### Contours (height in meters)

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

### OS Water Network Map - Slice A



### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000




### Site Details

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### General

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

### Risk of Flooding from Surface Water

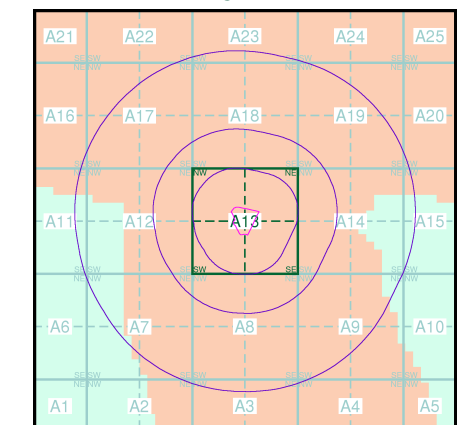
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

### Suitability

See the suitability map below

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

### E/NRW Suitability Map - Slice A

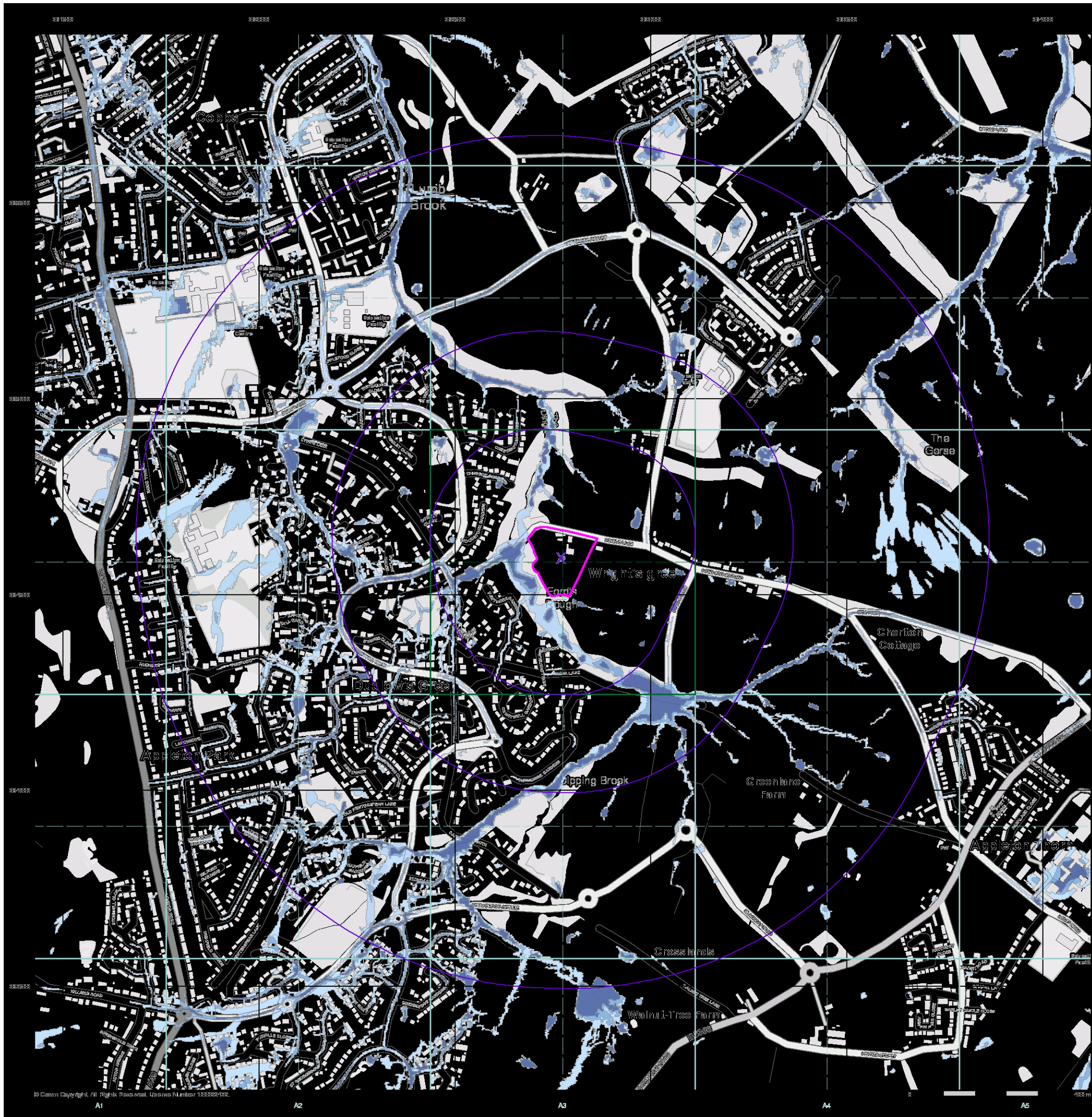


### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details

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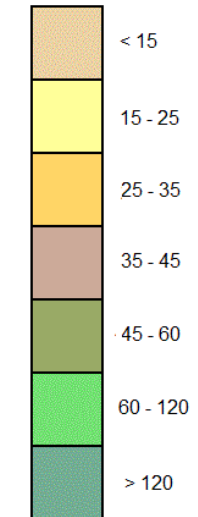
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### General

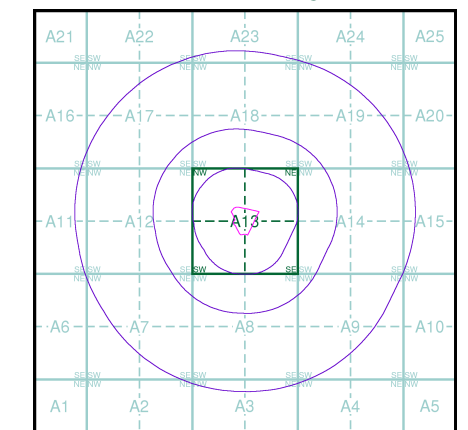
○ Specified Site     
 ○ Specified Buffer(s)     
 X Bearing Reference Point

### Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



### Estimated Soil Chemistry Arsenic - Slice A

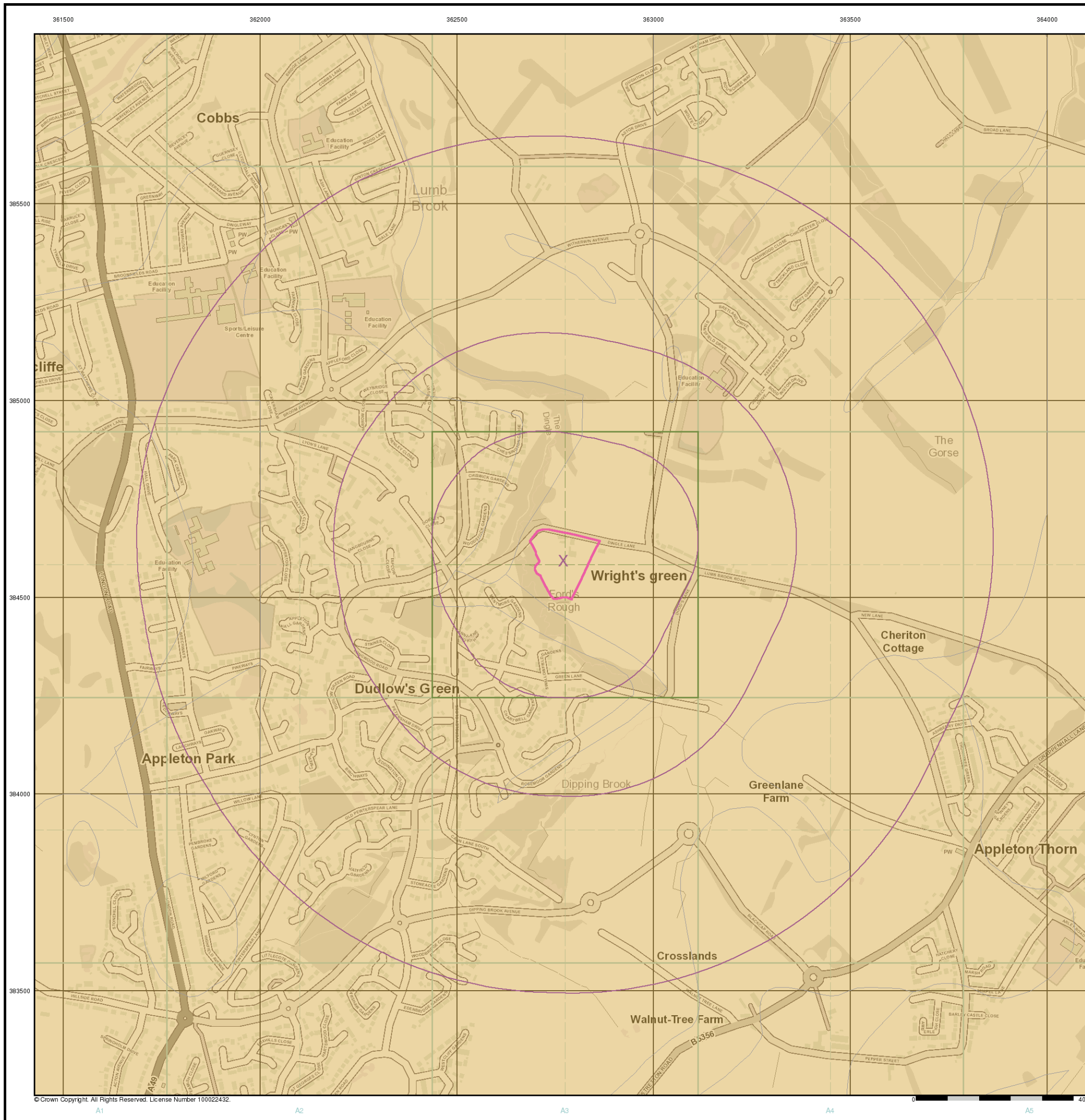


### Order Details

Order Details: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB



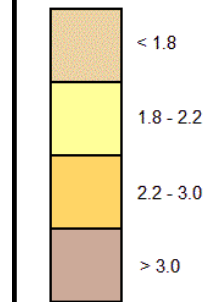
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## General

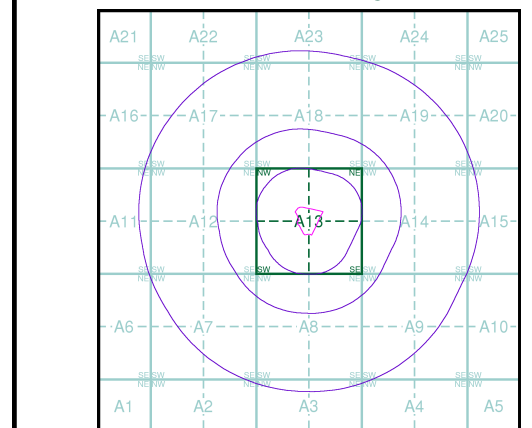
○ Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



## Estimated Soil Chemistry Cadmium - Slice A

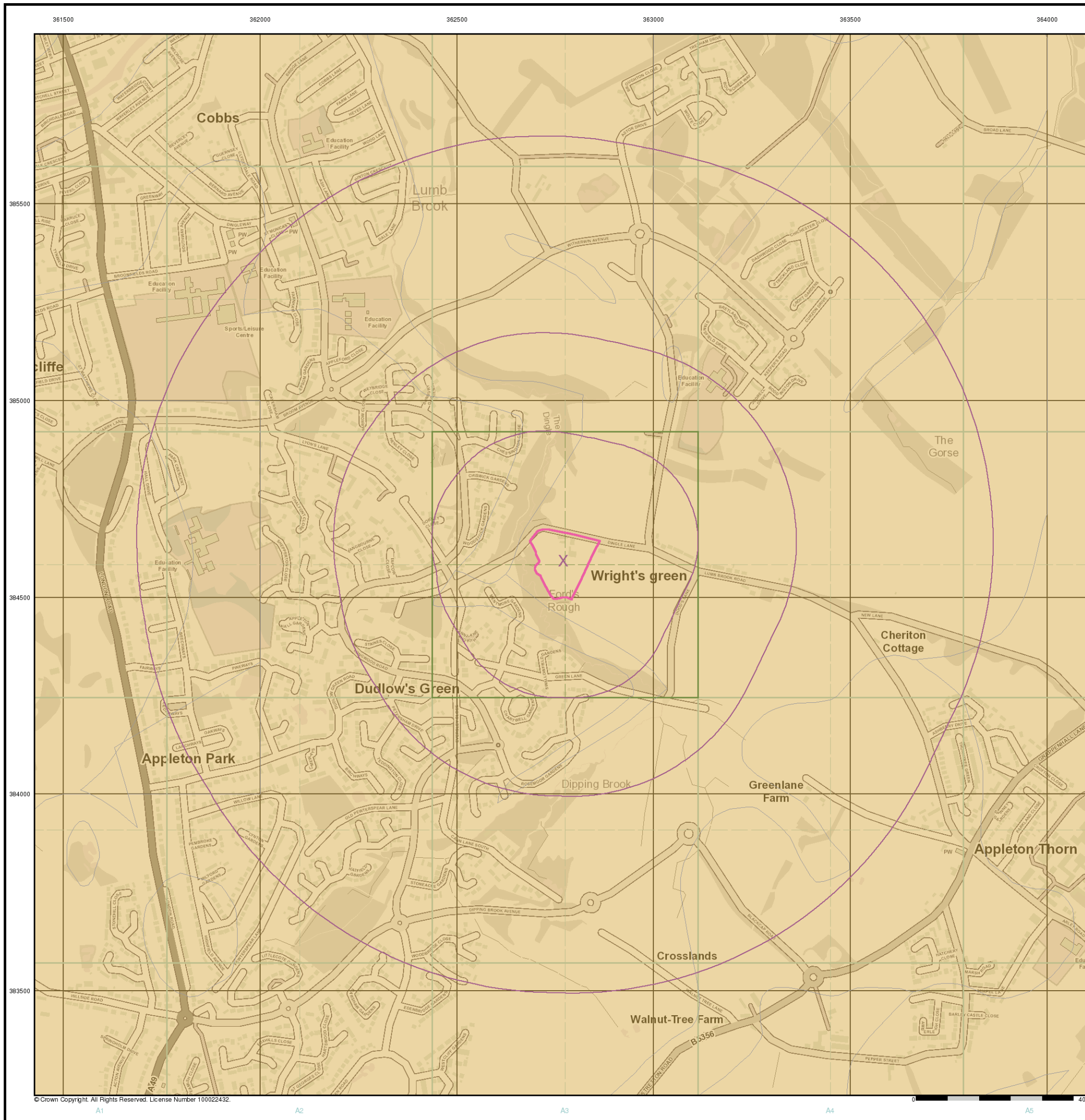


## Order Details

Order Details: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

## Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB

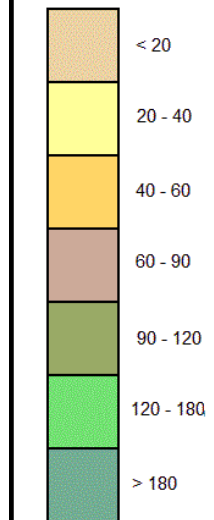


## General

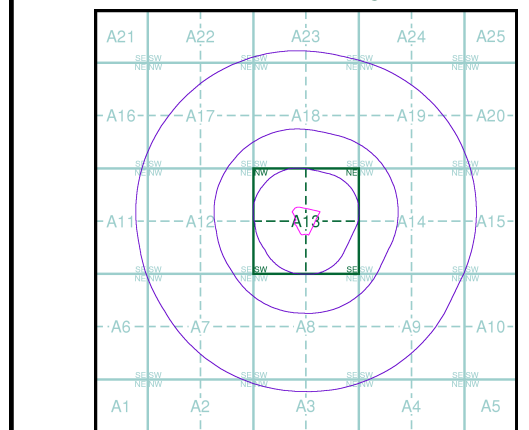
○ Specified Site     
 ○ Specified Buffer(s)     
 X Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



## Estimated Soil Chemistry Chromium - Slice A

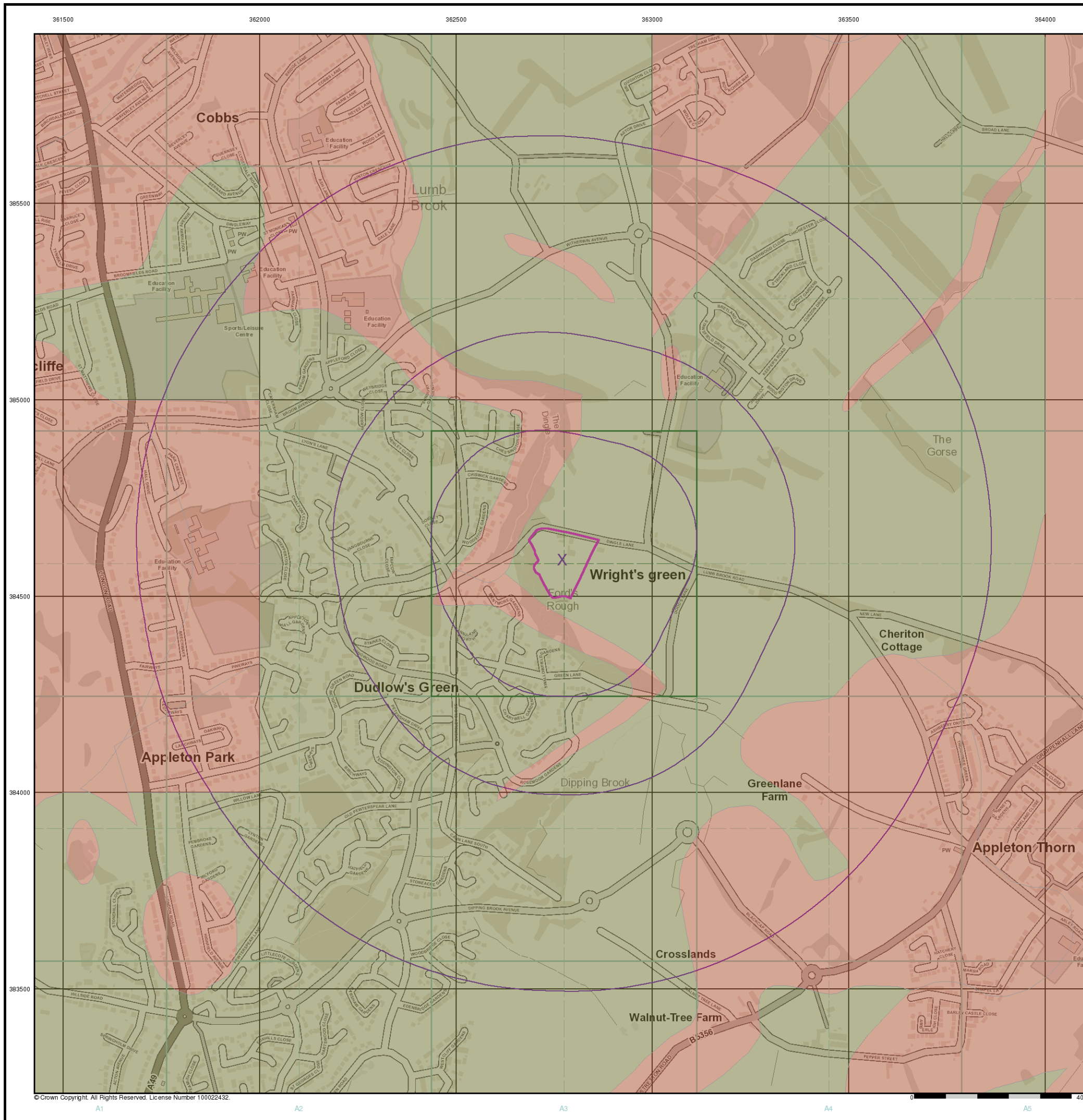


## Order Details

Order Details: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

## Site Details

Dingle Farm, Dingle Lane, WARRINGTON, WA4 5NB



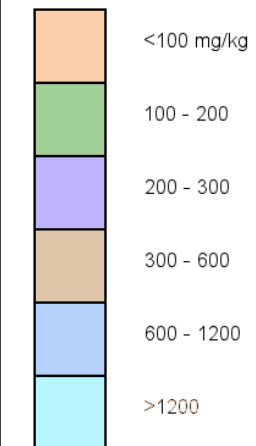
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## General

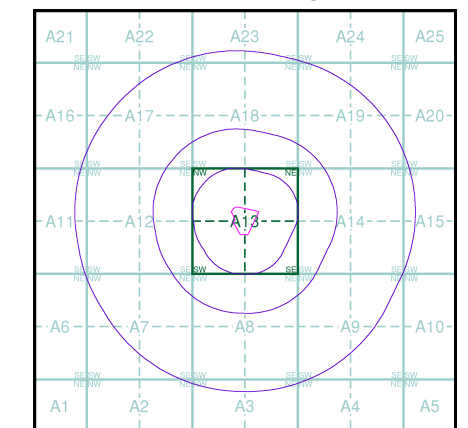
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



## Estimated Soil Chemistry Lead - Slice A

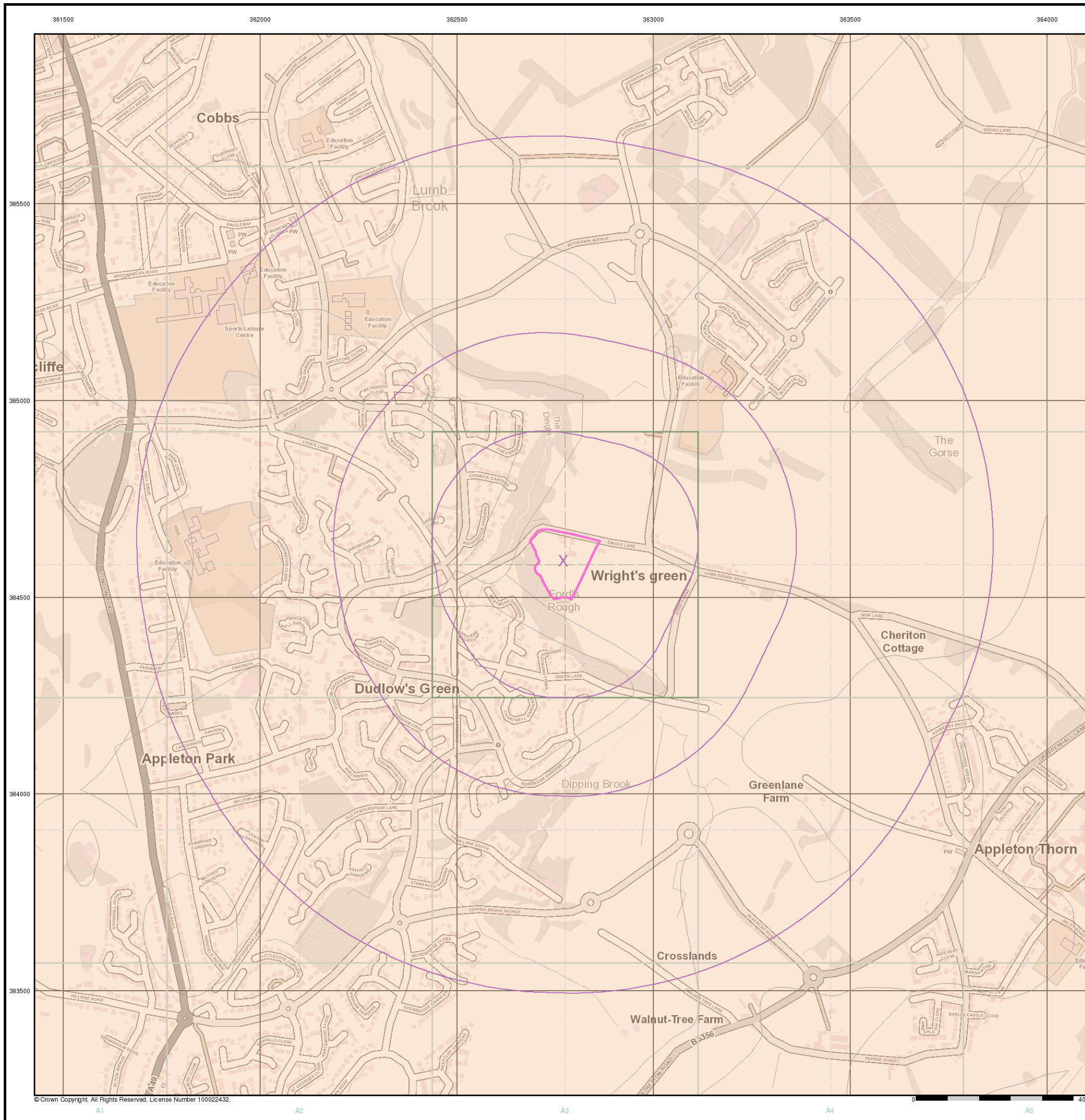


## Order Details

Order Details: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

## Site Details

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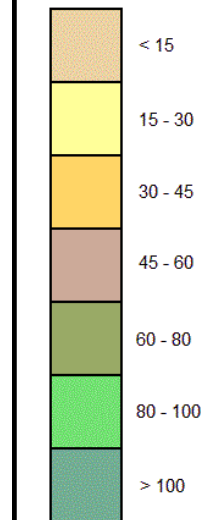
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## General

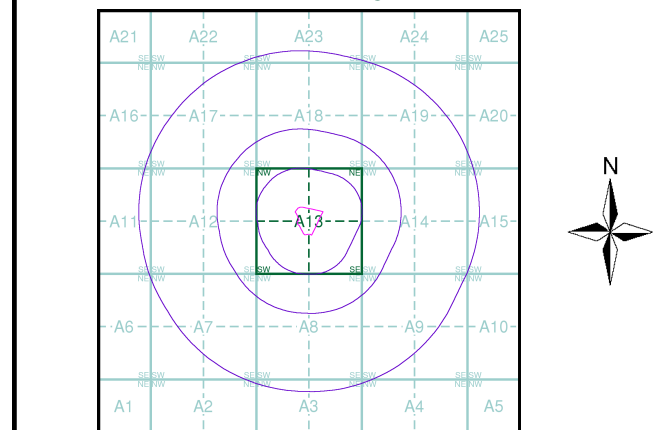
○ Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



## Estimated Soil Chemistry Nickel - Slice A

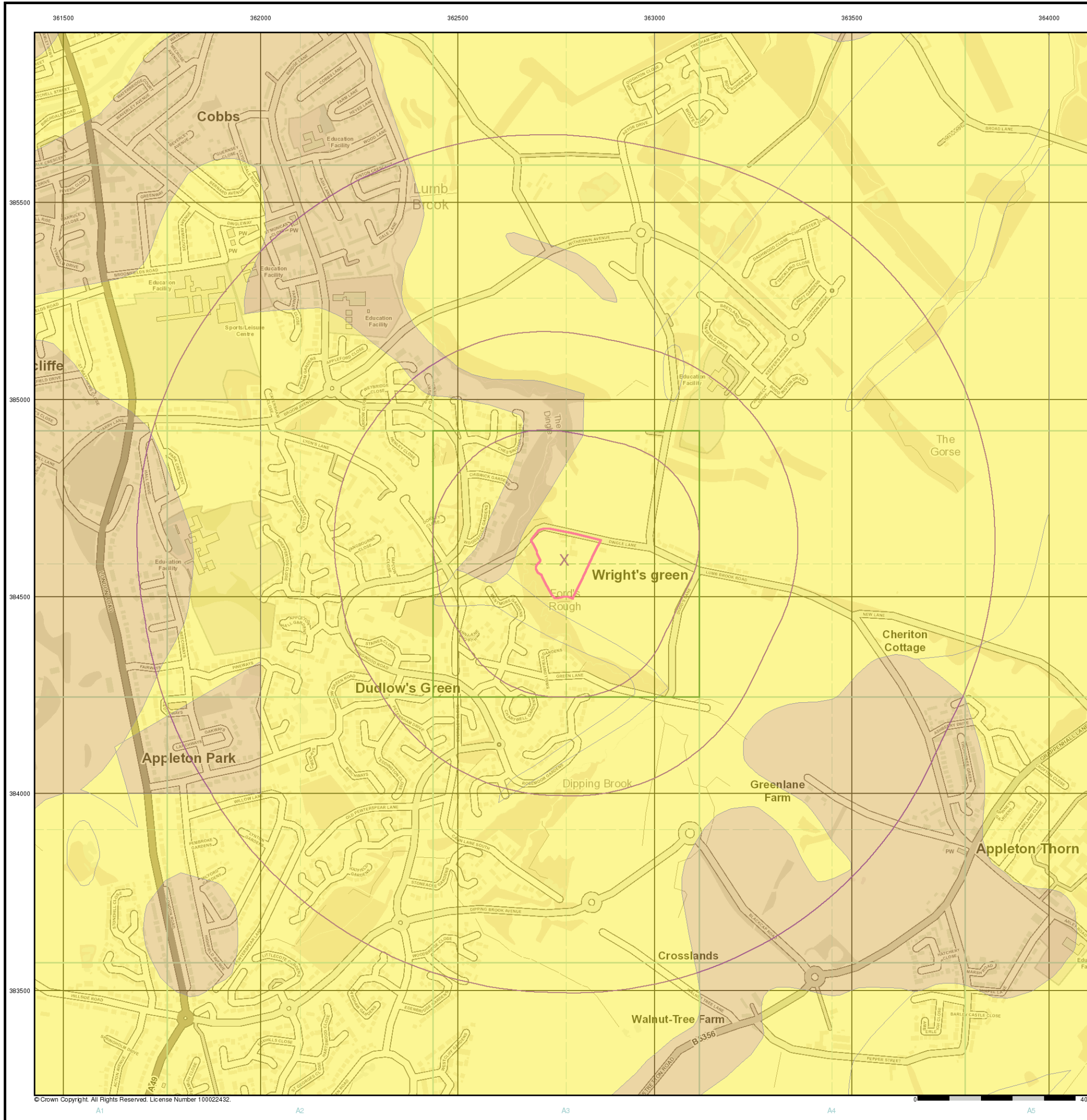


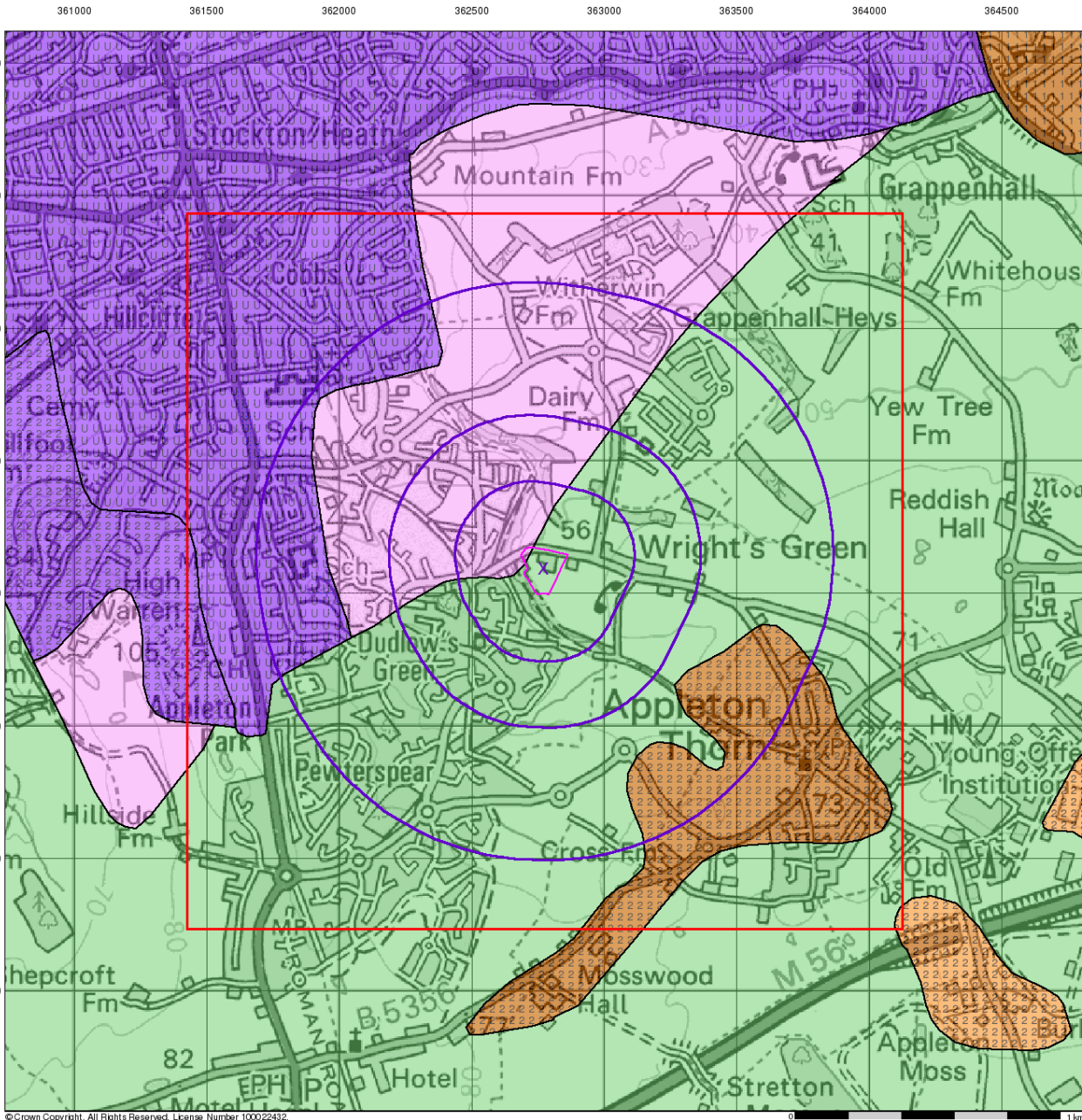
## Order Details

Order Details: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

## Site Details

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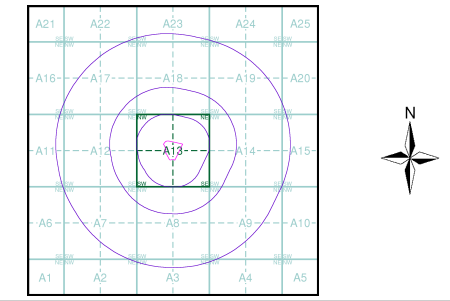
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## Groundwater Vulnerability

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

- Agency and Hydrological**
- |   |  |
|---|--|
| <b>Geological Classes</b>                 | <b>Soil Classes</b>  |
| <b>Major Aquifer (Highly Permeable)</b>   | <ul style="list-style-type: none"> <li> High (H) 1, 2, 3, U</li> <li> Intermediate (I) 1, 2</li> <li> Low</li> </ul> |
| <b>Minor Aquifer (Variably Permeable)</b> | <ul style="list-style-type: none"> <li> High (H) 1, 2, 3, U</li> <li> Intermediate (I) 1, 2</li> <li> Low</li> </ul> |
| <b>Non Aquifer (Negligibly Permeable)</b> |  |
| <b>Water or Sea</b>                       |  |
| <b>Drift Deposit</b>                      |  |

### Site Sensitivity Context Map - Slice A



**Order Details**

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

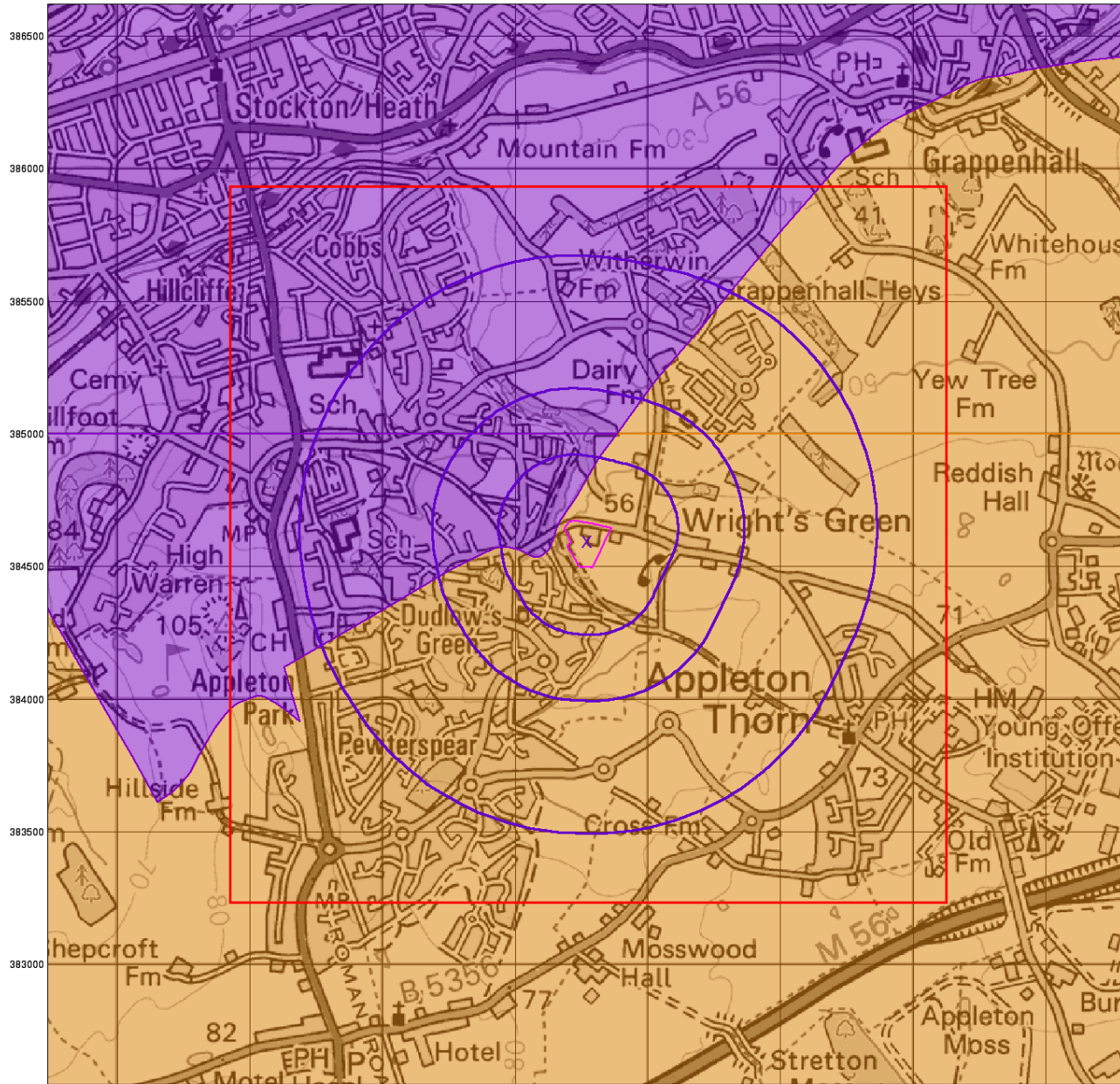
**Site Details**  
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0 1 km

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## Bedrock Aquifer Designation

### General

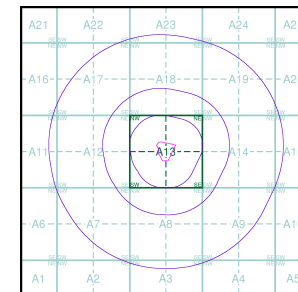
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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

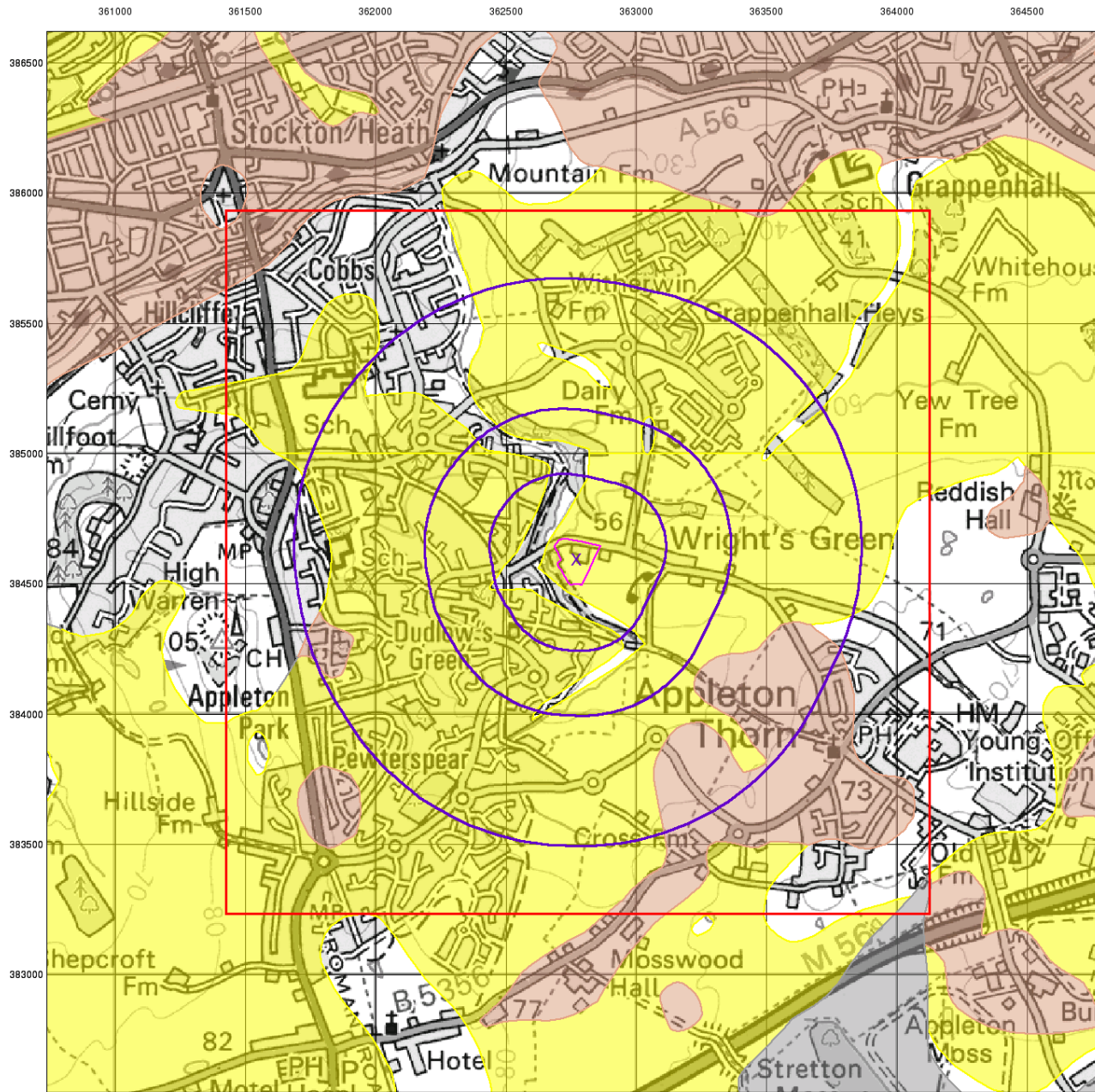
Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details

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0 1 km

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## Superficial Aquifer Designation

### General

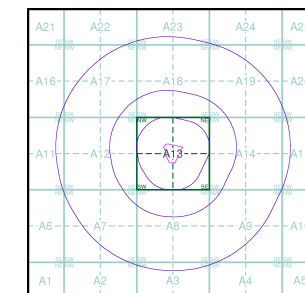
- Specified Site
- Specified Buffer(s)
- Slice
- Bearing Reference Point
- Map ID

### 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

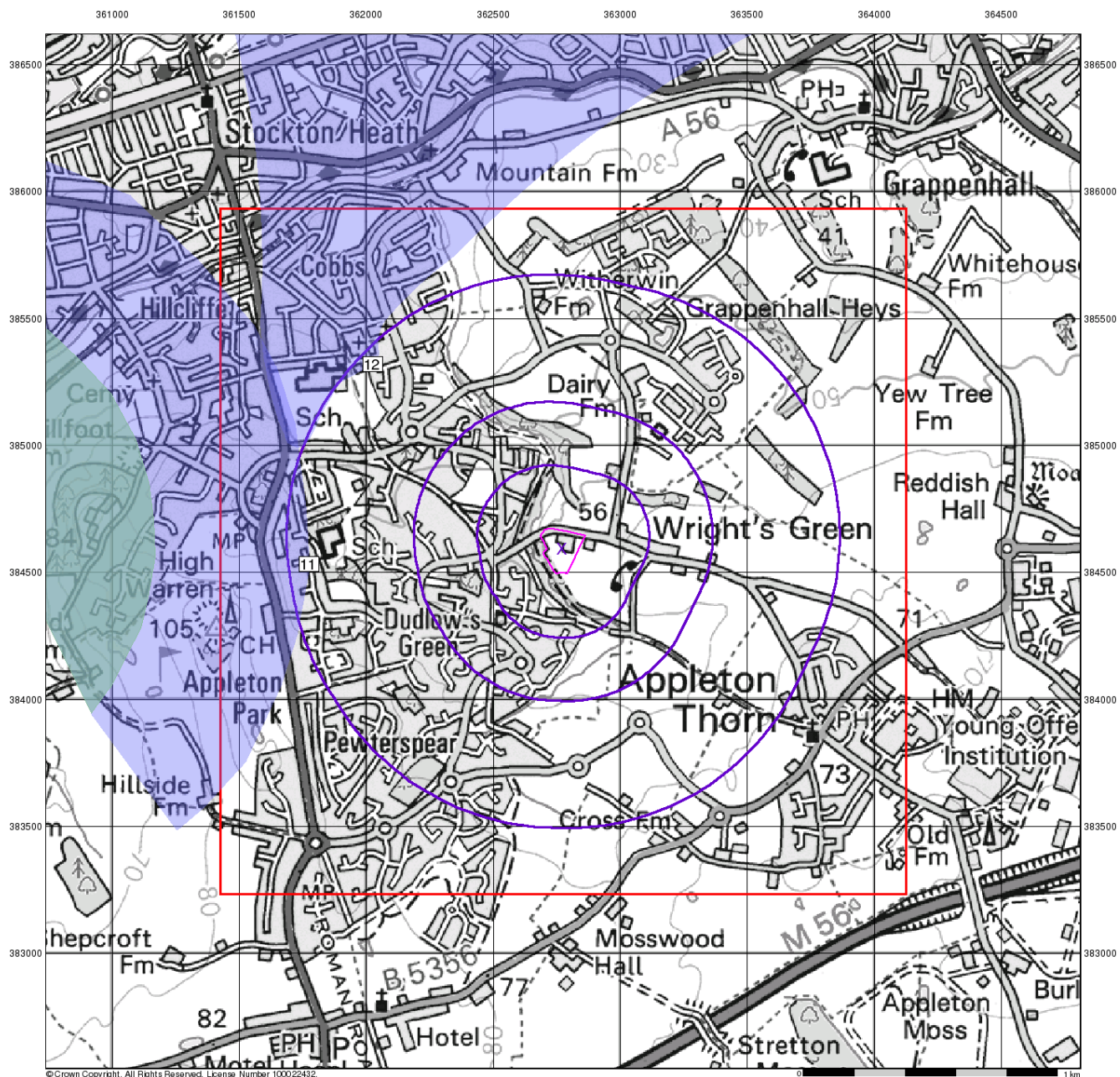
Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details

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## Source Protection Zones

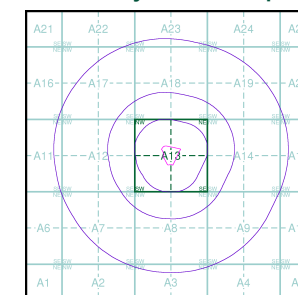
### General

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

### Agency and Hydrological

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

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

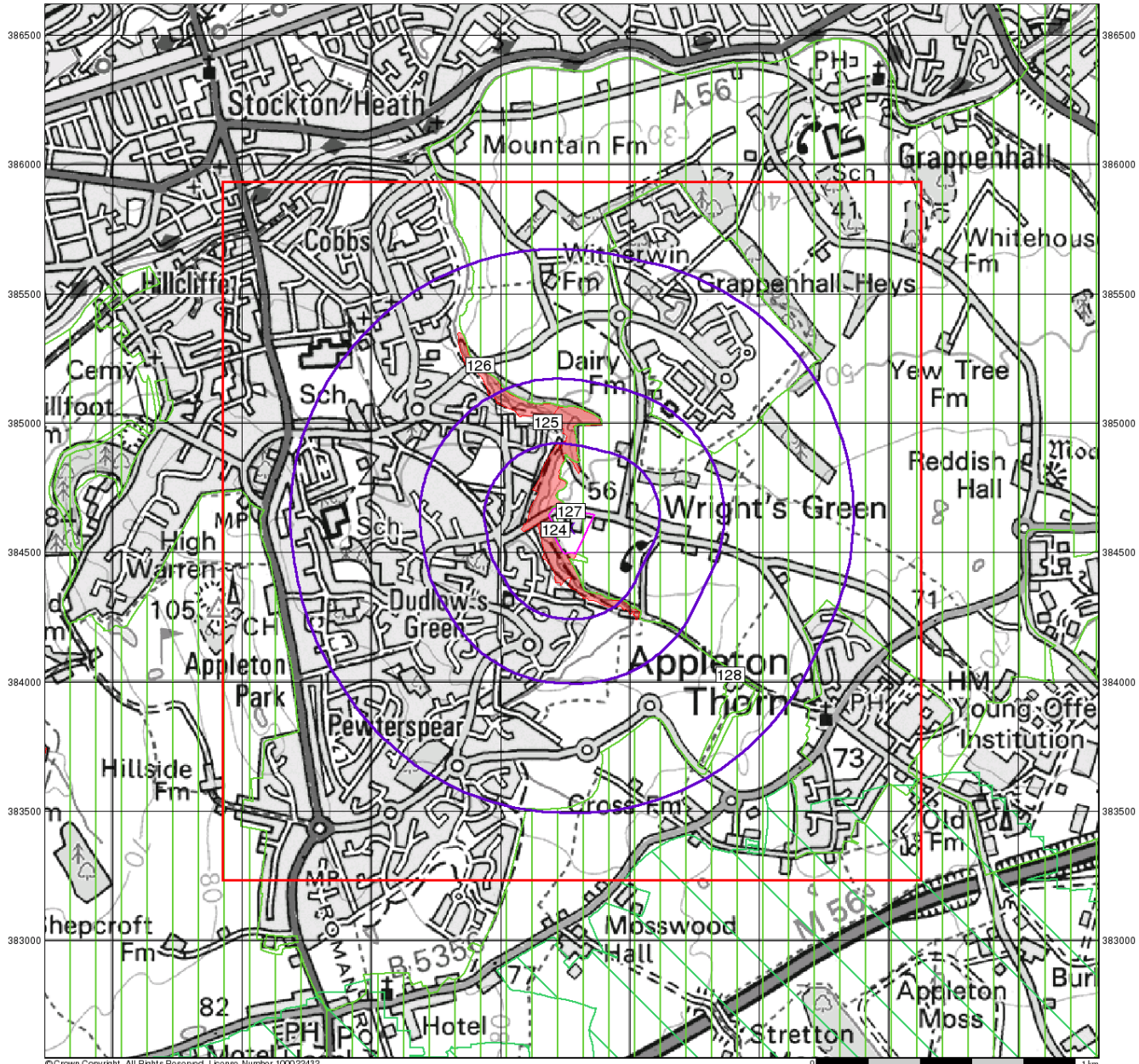
### Site Details

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## Sensitive Land Uses

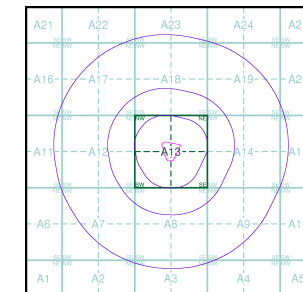
### General

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

### Sensitive Land Uses

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

### Site Sensitivity Context Map - Slice A



### Order Details

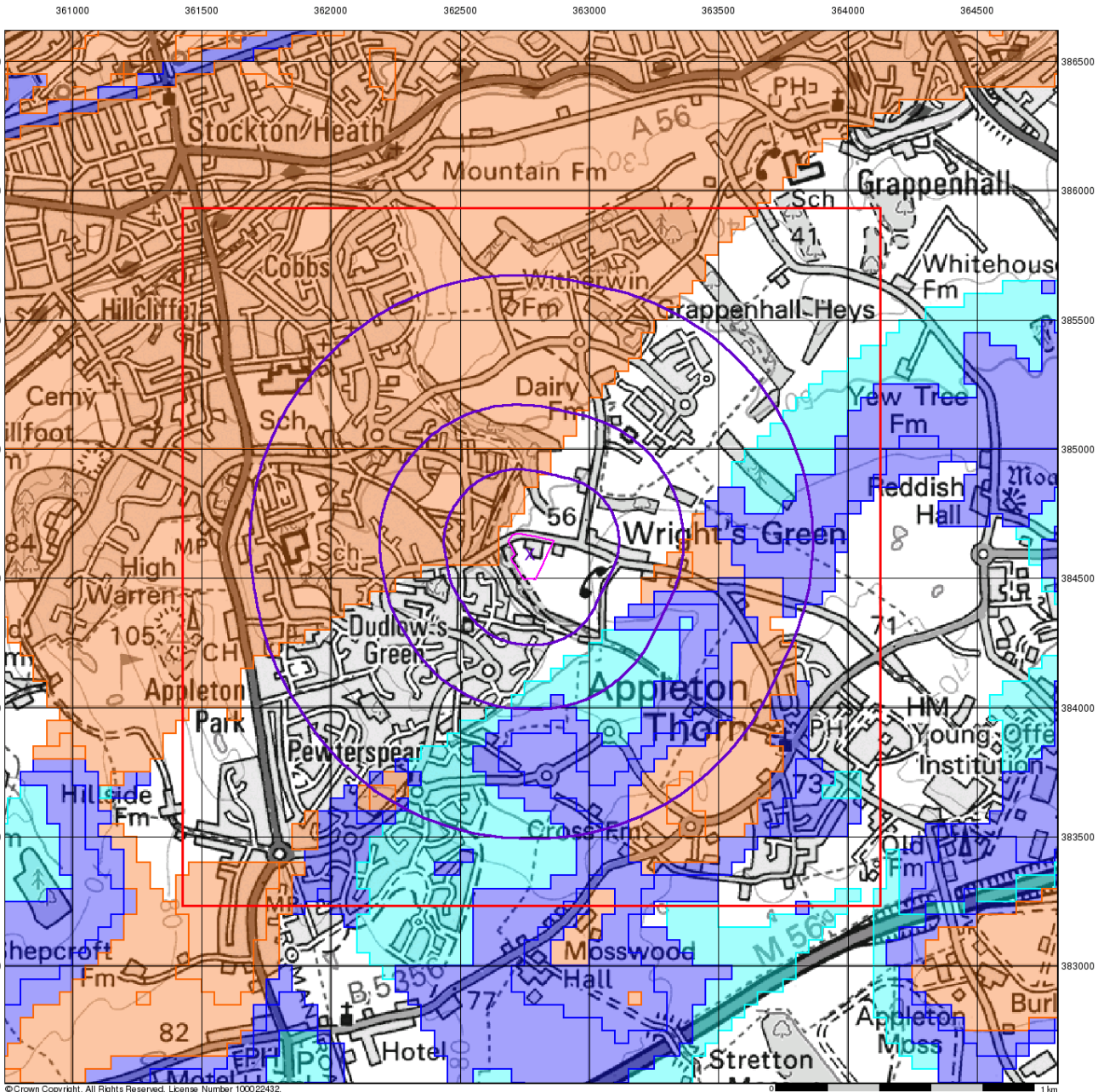
Order Number: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details

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## BGS Flood GFS Data

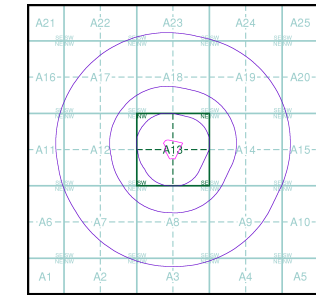
### General

- 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: 139211948\_1\_1  
 Customer Ref: Dingle Farm  
 National Grid Reference: 362770, 384590  
 Slice: A  
 Site Area (Ha): 2.01  
 Search Buffer (m): 1000

### Site Details

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## Appendix F – Risk Definitions

## Land Contamination Risk Definitions

The following methodology is based on the methodology presented in CIRIA C552 Contaminated Land Risk Assessment: A Guide to Good Practice 2001. It requires the classification of the:

- △ Magnitude of the potential consequence (severity) of the Risk occurring: and
- △ Magnitude of the Probability (likelihood) of the Risk occurring.

The classifications are then compared to indicate the risk presented by each pollutant linkage.

### Consequence to Receptor Definition Matrix

	Human Health	Controlled Waters	Buildings/Services
Severe Consequence	Acute or chronic permanent impact on human health.	Sensitive controlled water pollution ongoing, or just about to occur.	Catastrophic collapse
Medium Consequence	Chronic permanent impact on human health	Gradual pollution of sensitive controlled water	Degradation of materials
Mild Consequence	Chronic temporary impact on human health	Gradual pollution of non-sensitive controlled water	Damage to building rendering it unsafe to occupy (eg foundation damage resulting in instability).
Minor Consequence	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc).	Slight discoloration of water	Easily repairable effects of damage to buildings, structures and services, i.e discoloration of concrete

### Probability Definitions

Probability	Definition in Context
Higher	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution. Positive evidence of source, pathway and receptor.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term. Suspect source, pathway, and receptor
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term No evidence of hazard, pathway, and receptor

## Standard Risk Matrix

		Consequence/ Magnitude of impact			
		Severe	Medium	Mild	Minor
Probability	High	Very High	High	Moderate	Moderate/Low
	Likely	High	Moderate	Moderate/low	Low
	Low Likelihood	Moderate	Moderate/low	Low	Very Low
	Unlikely	Moderate/low	Low	Very Low	Very Low

## Classified risks and likely action

Significance Level	Definition/Comments
Very High Risk	<p>There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening.</p> <p>This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.</p> <p>Demonstrable contaminated land situation, highest threat &amp; liability level, urgent action recommended.</p>
High Risk	<p>Harm is likely to arise to a designated receptor from an identified hazard.</p> <p>Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term.</p> <p>Likely contaminated land situation, risk assessment and action recommended.</p>
Moderate	<p>It is possible that harm could arise to a designated receptor from an identified hazard. However, if is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild</p> <p>Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.</p> <p>Plausible contaminated land situation, risk assessment and possible action recommended.</p>
Low Risk	<p>It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.</p> <p>Unlikely contaminated land situation, possible risk assessment and possible action.</p>
Very Low Risk	<p>There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.</p> <p>Negligible risk, no action recommended except vigilance for changes in conditions.</p>



## Geotechnical Risk Definitions

The geohazards listed in the report within Section 4 follow guidance presented in Clayton, C.R.I. (2001) Managing Geotechnical Risk, Thomas Telford and the Highways Agency document HD22/08 'Managing Geotechnical Risk' (2008) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.

For each geohazard the probability of the hazard occurring (P) has been considered together with the impact it would have (I) if it were to happen to calculate the risk rating between 1 and 25.

Risks that fall within Moderate, Significant and Severe categories below are considered to be substantial and are therefore listed within the report.

Probability	(P)		Impact	(I)		(R)	Risk
Very Likely (VLk)	5	X	Very High (VH)	5	=	20 – 25	Severe
Likely (Lk)	4		High (H)	4		15 – 19	Substantial
Plausible (P)	3		Medium (M)	3		10 – 14	Moderate
Unlikely (U)	2		Low (L)	2		5 – 9	Minor
Very Unlikely (VU)	1		Very Low (VL)	1		1 – 4	Negligible