

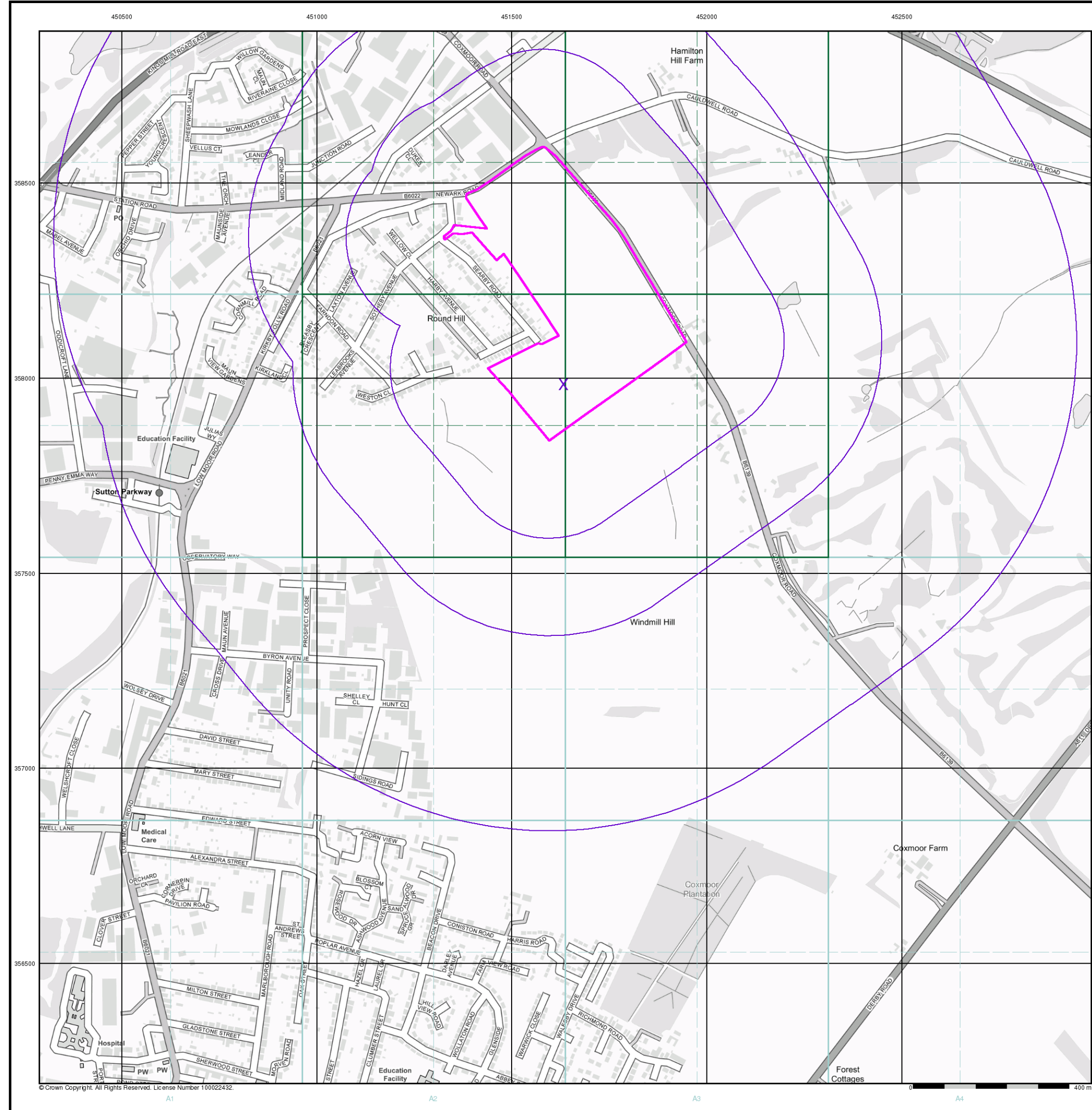


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- email: Planning – planning.admin@ashfield.gov.uk



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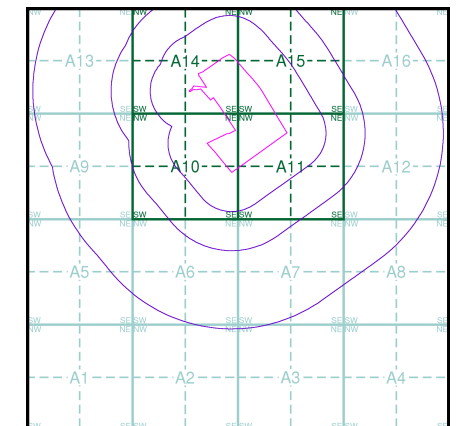
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

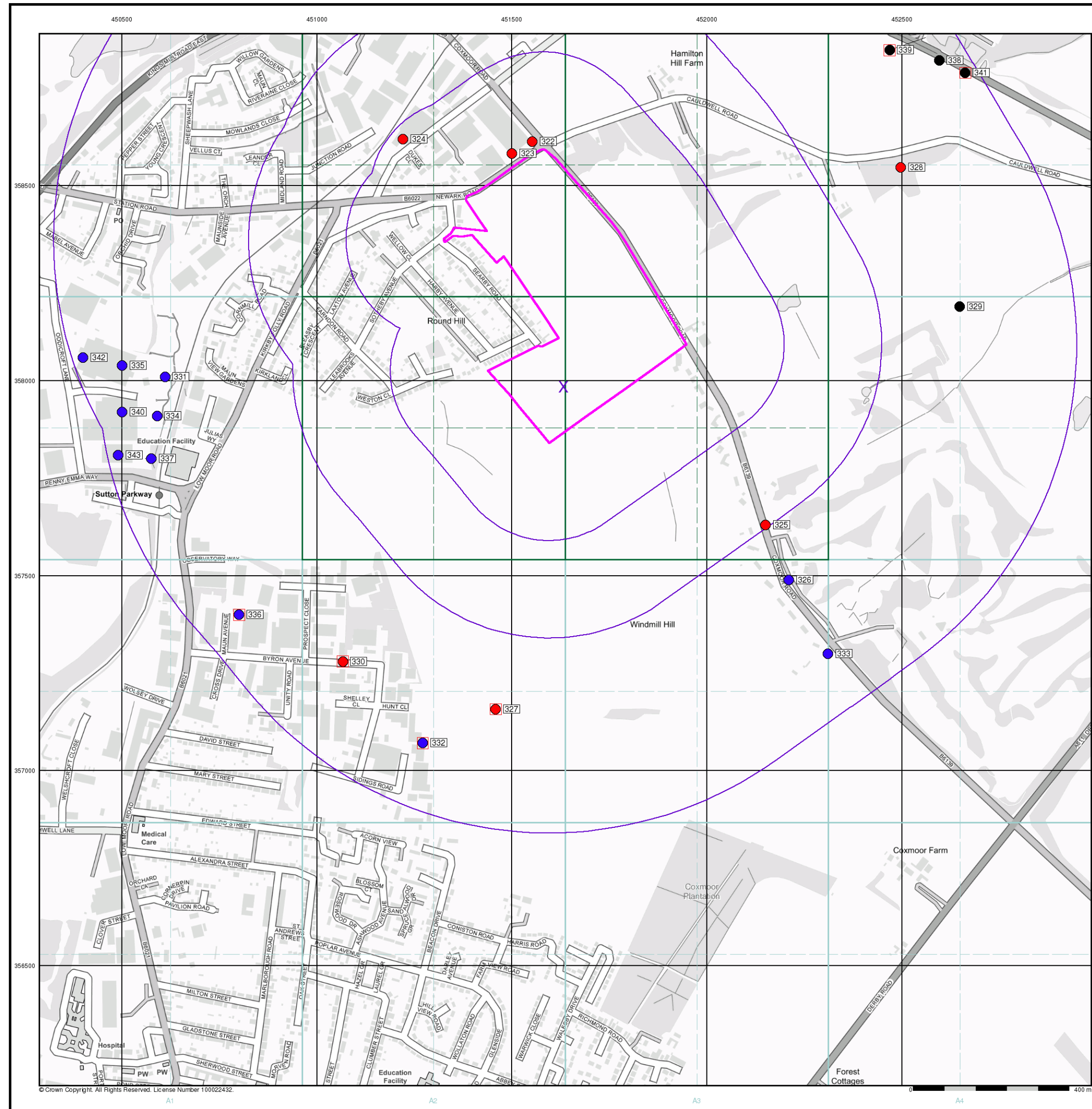


Order Details

Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260



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General

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

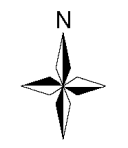
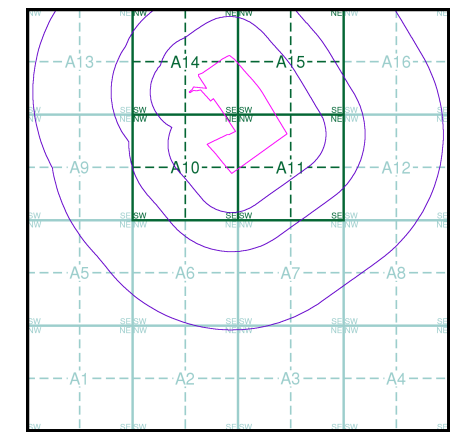
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

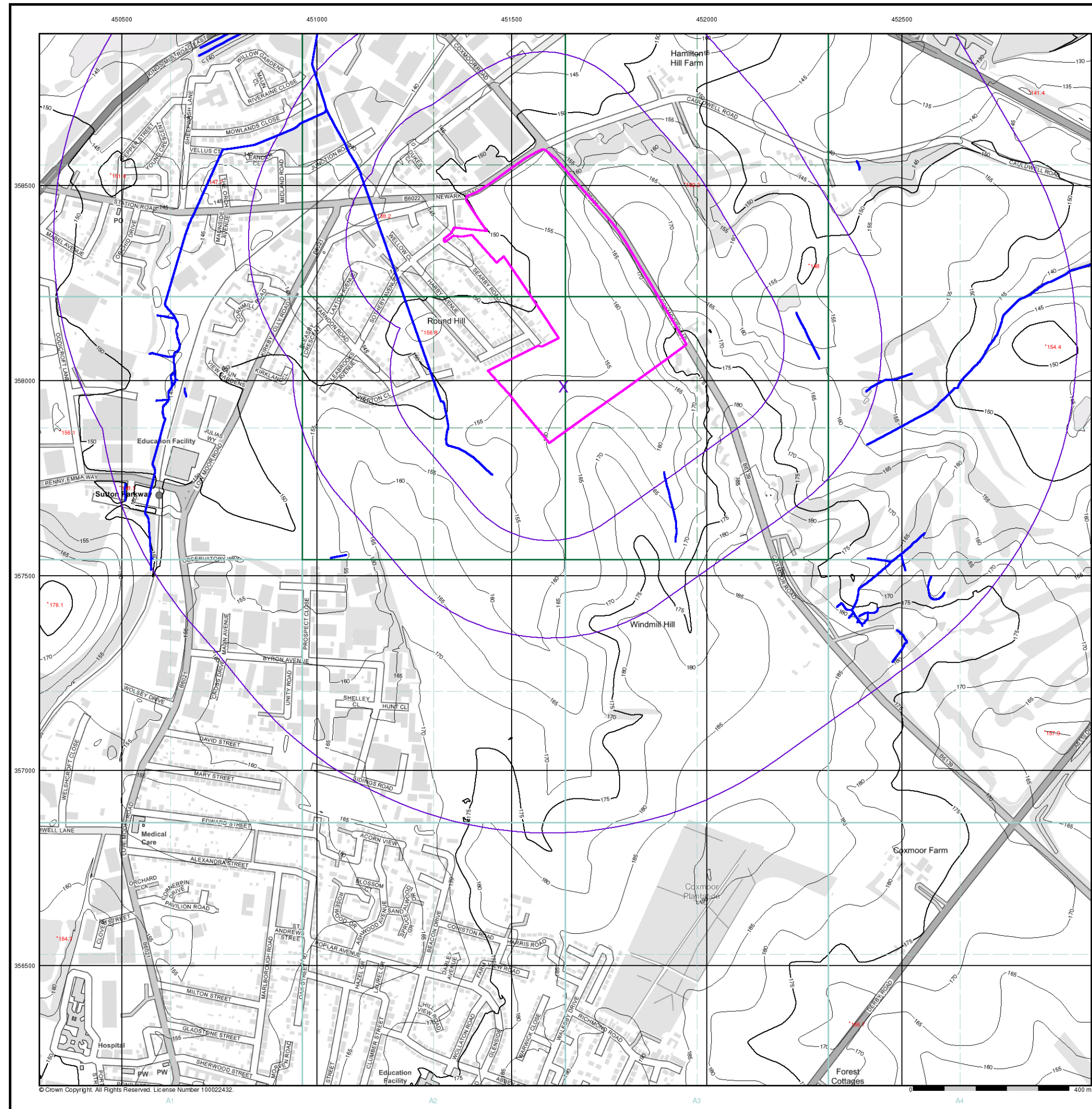


Order Details

Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260



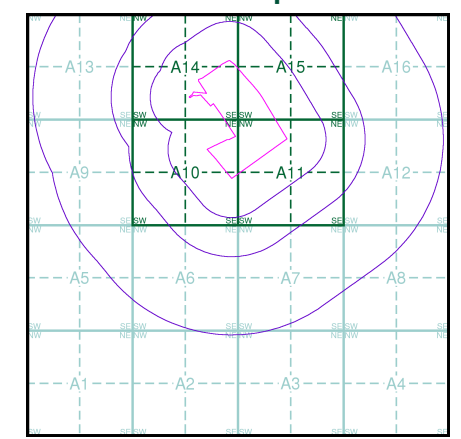
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

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

OS Water Network Map - Slice A



Order Details

Order Number: 290988033_1_1

Customer Ref: 46924

National Grid Reference: 451630, 357990

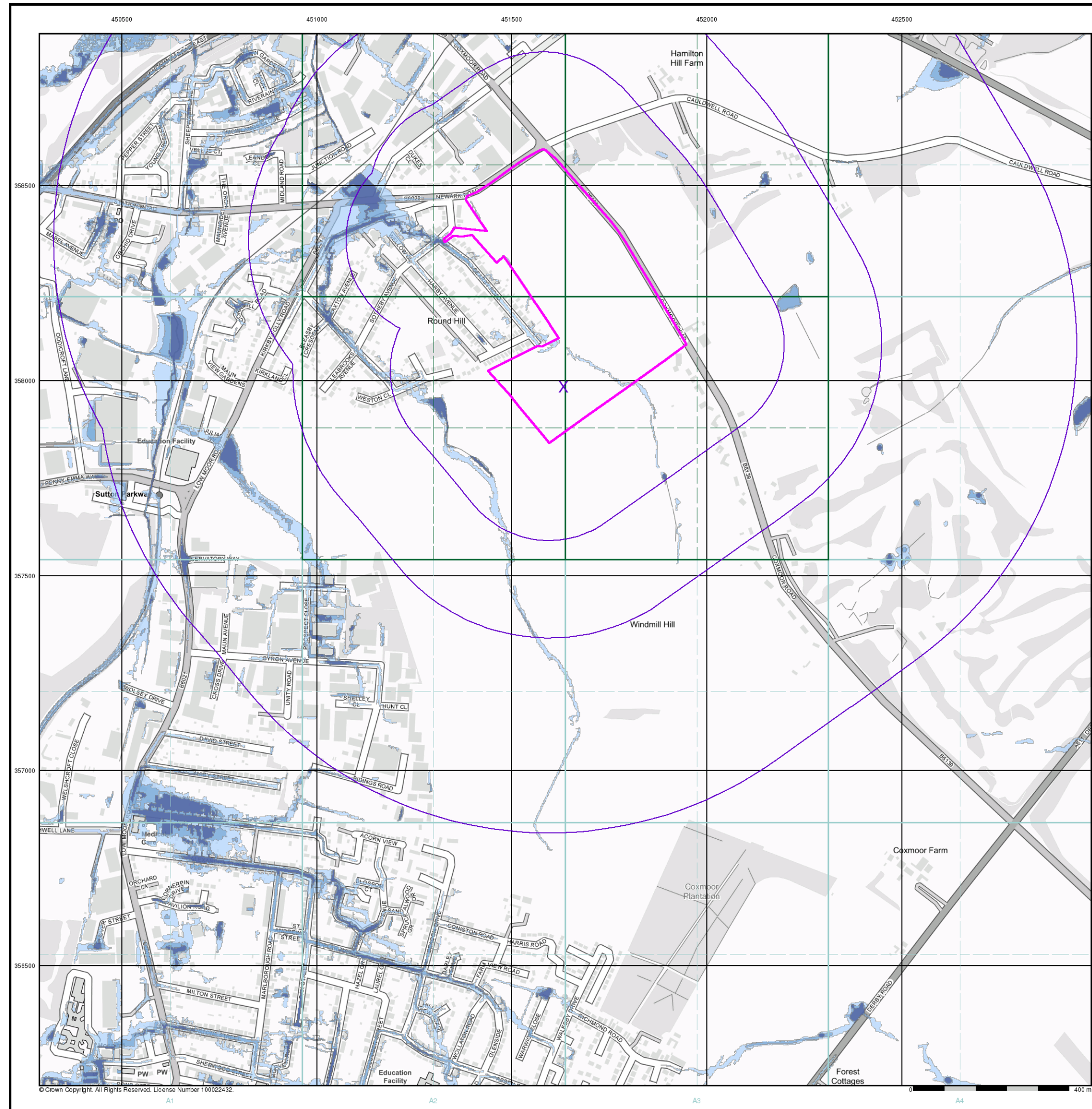
Slice: A

Site Area (Ha): 21.38

Search Buffer (m): 1000

Site Details

Site at 451680, 358260



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General

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

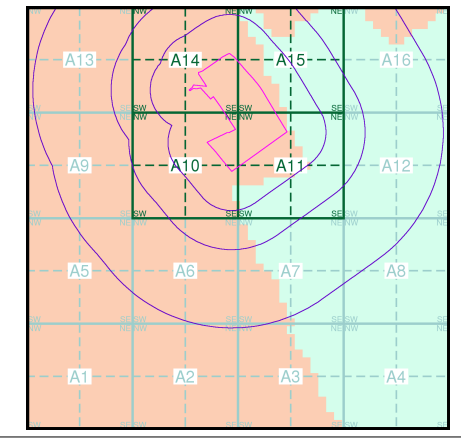
Risk of Flooding from Surface Water

- 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

EA/NRW Suitability Map - Slice A

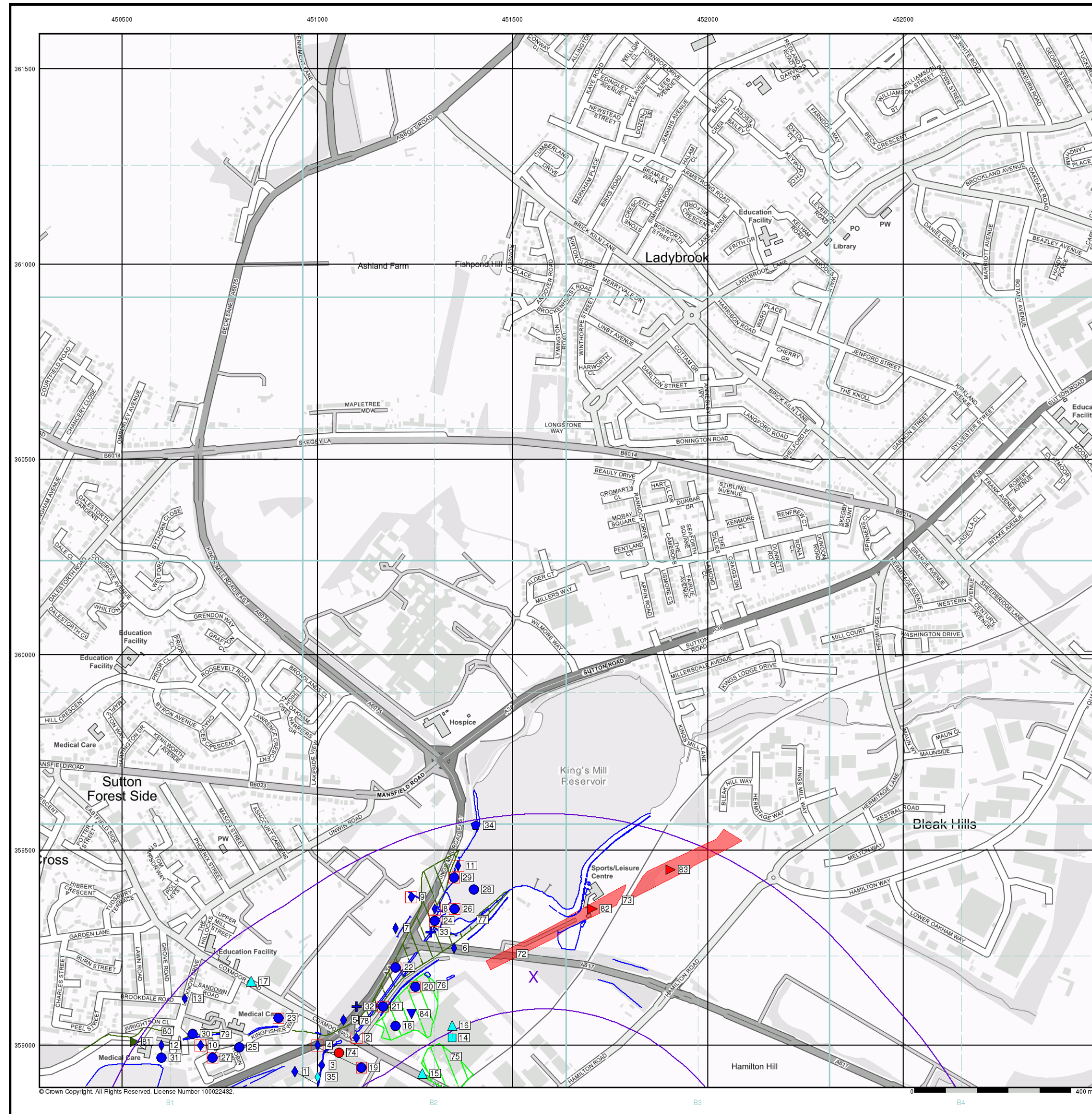


Order Details

Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260



- General**

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

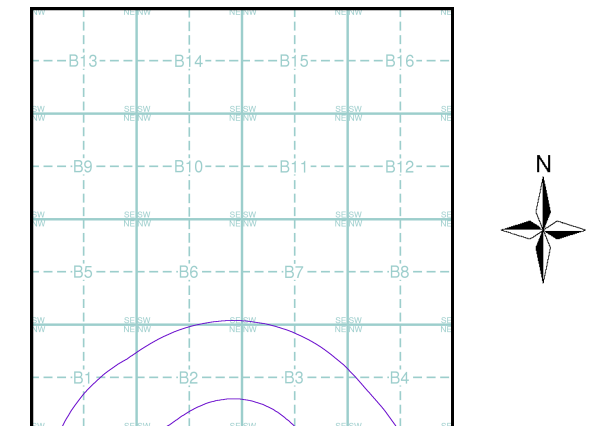
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 -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

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

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

 - BGS Recorded Mineral Site

Site Sensitivity Map - Slice B

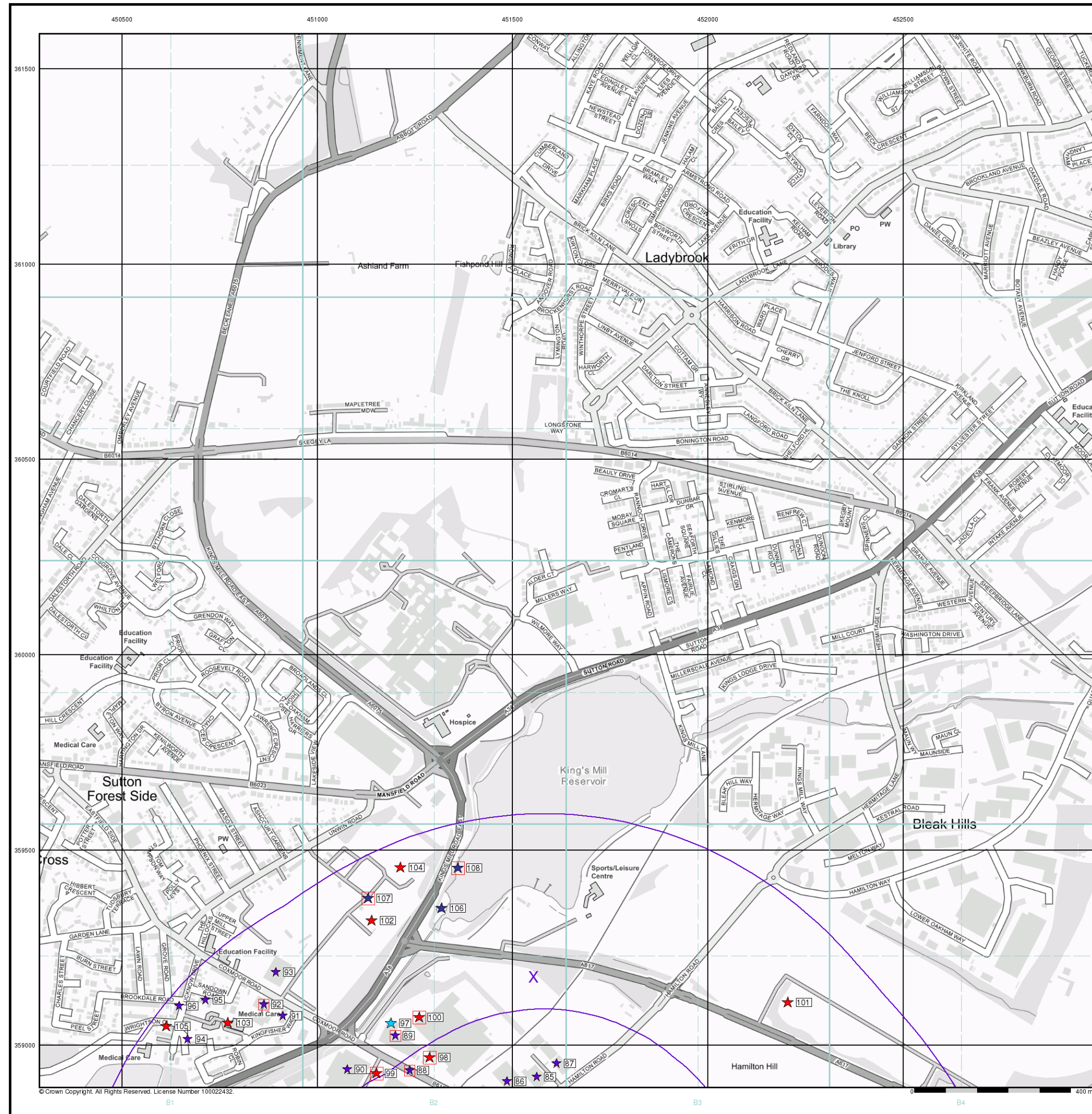


Order Details

Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451550, 359180
Slice: B
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260



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Industrial Land Use Map

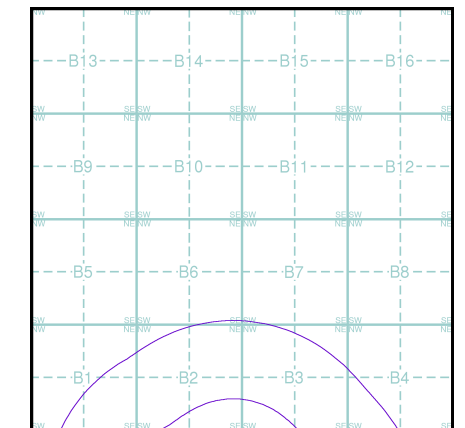
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice B



Order Details

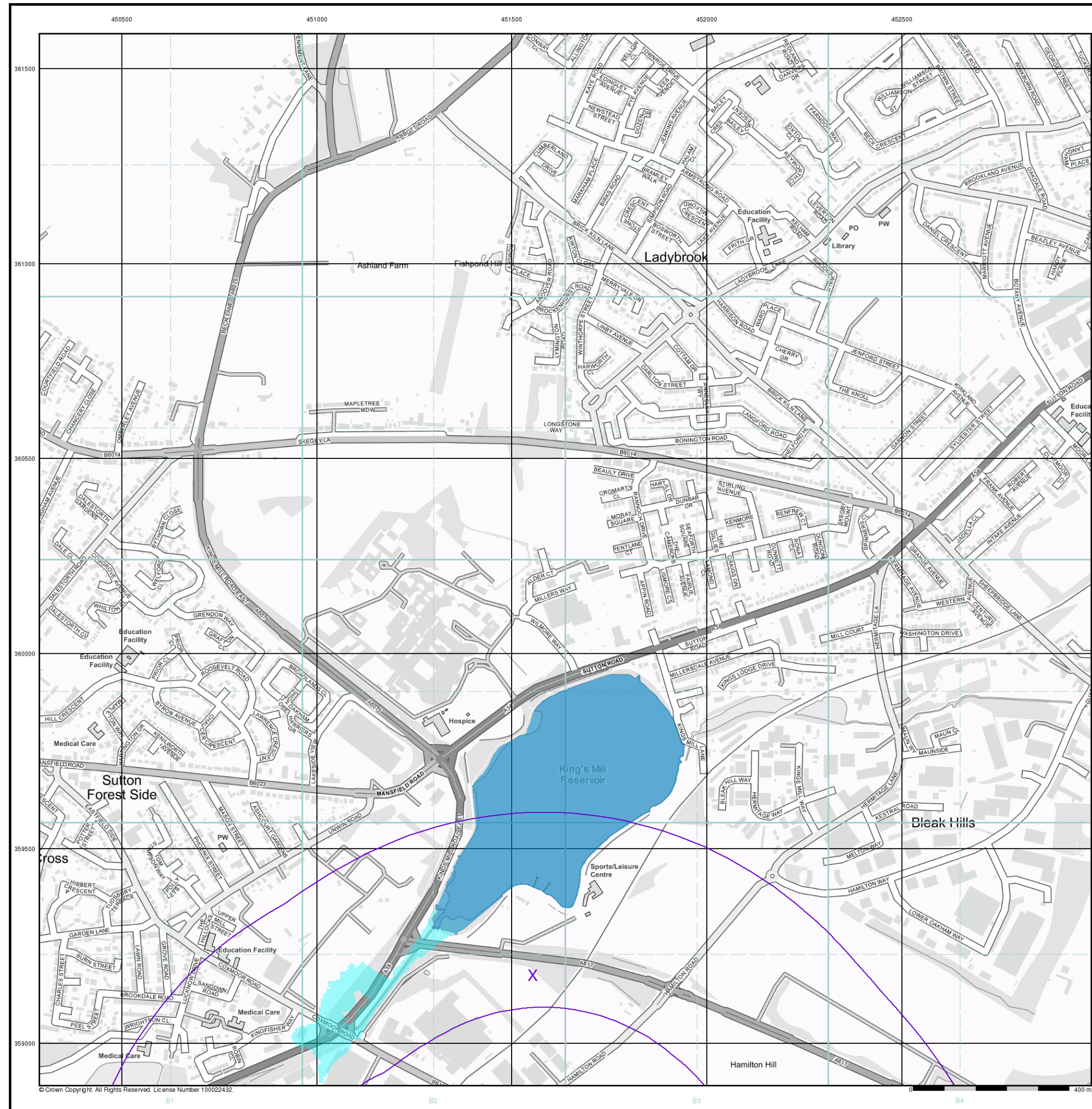
Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451550, 359180
Slice: B
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260

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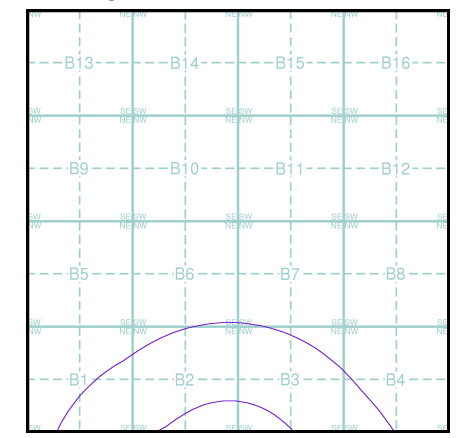
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice B

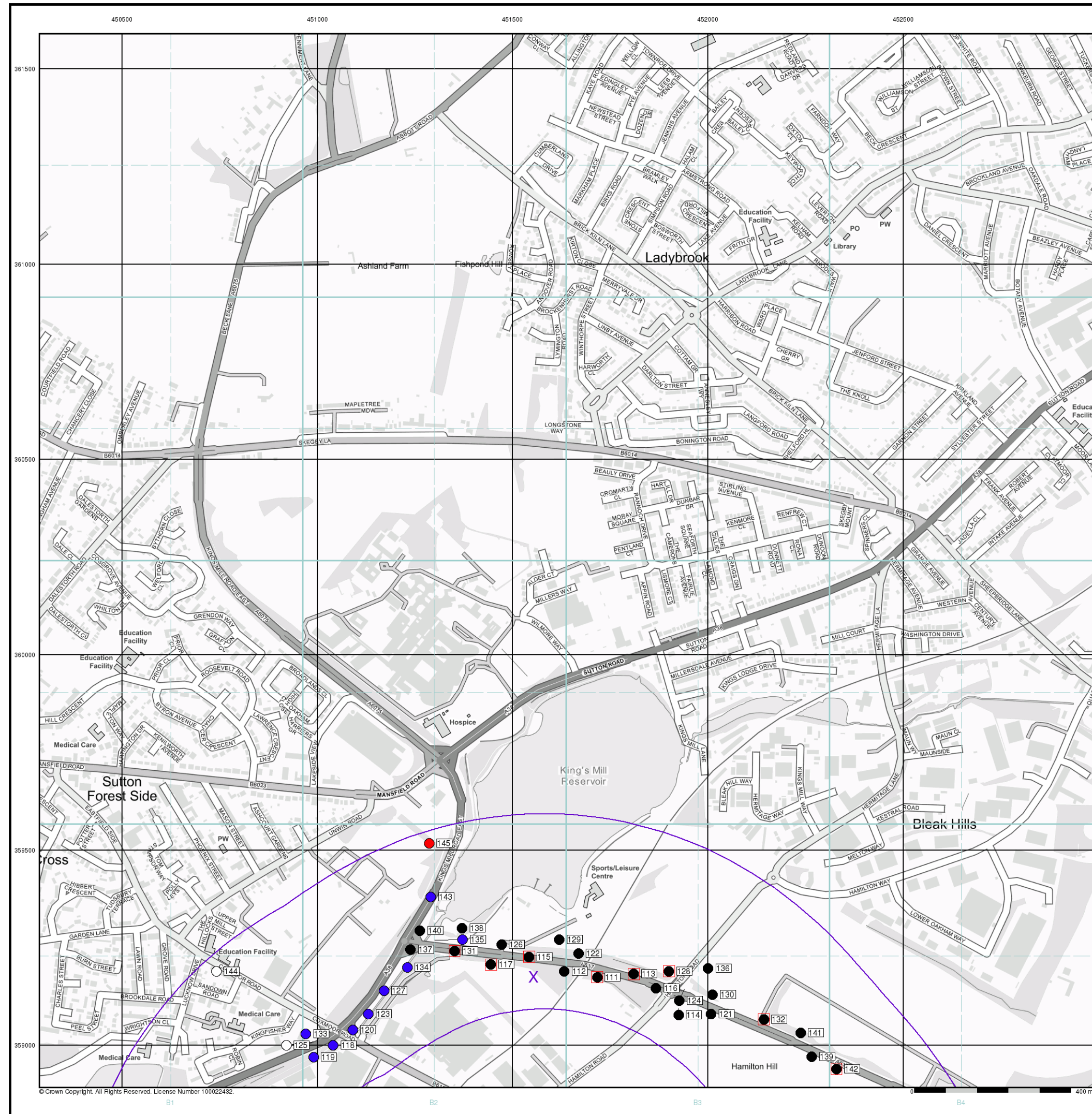


Order Details

Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451550, 359180
Slice: B
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260



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General

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

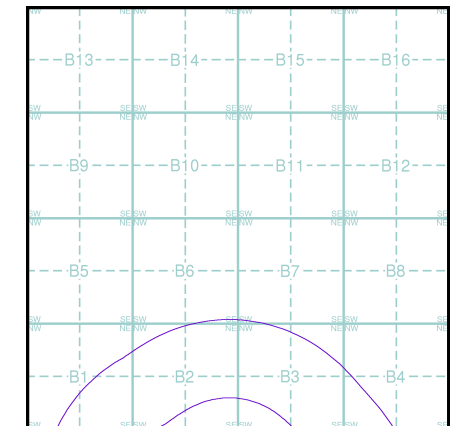
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice B



Order Details

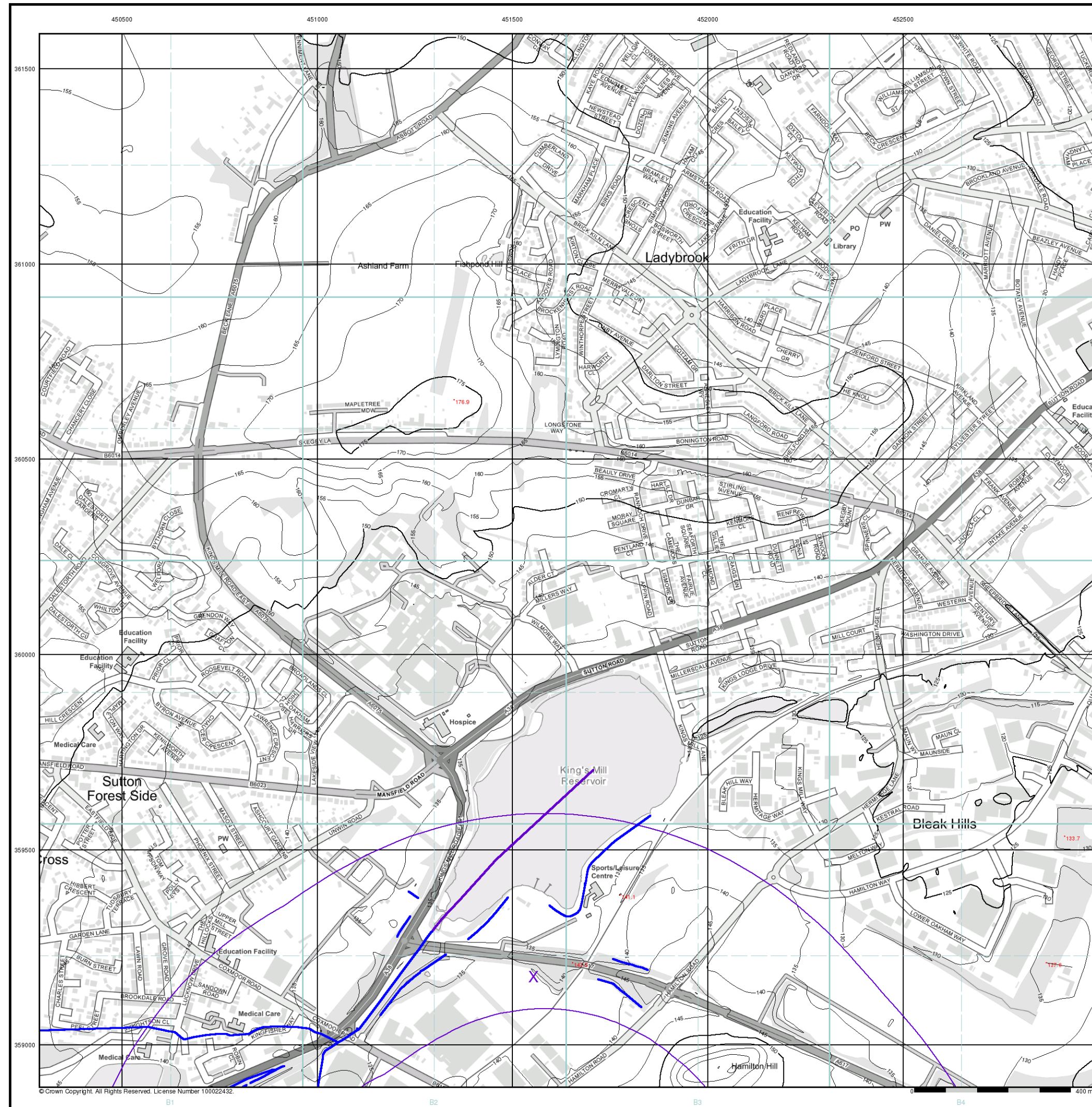
Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451550, 359180
Slice: B
Site Area (Ha): 21.38
Search Buffer (m): 1000

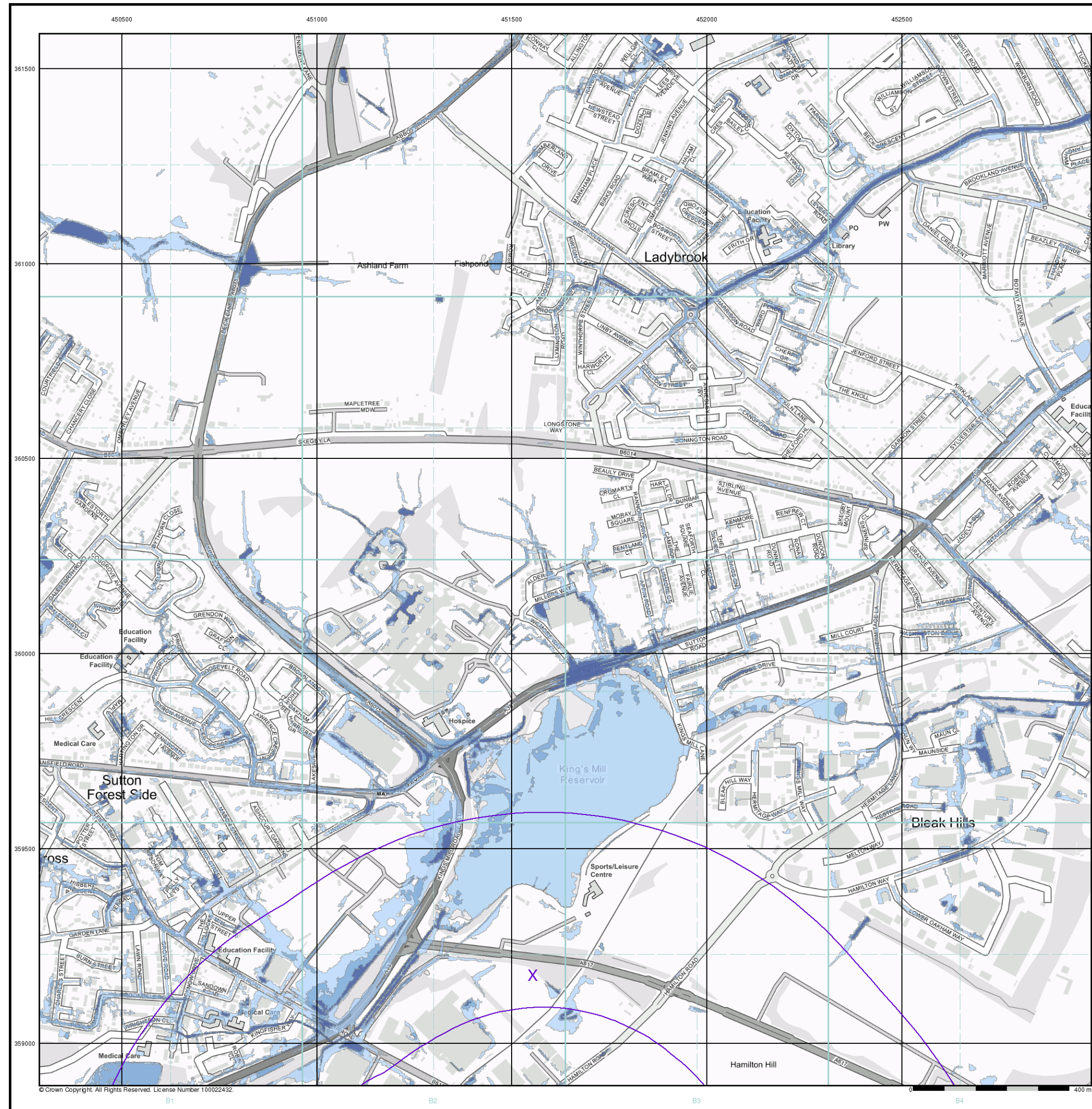
Site Details

Site at 451680, 358260

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General

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

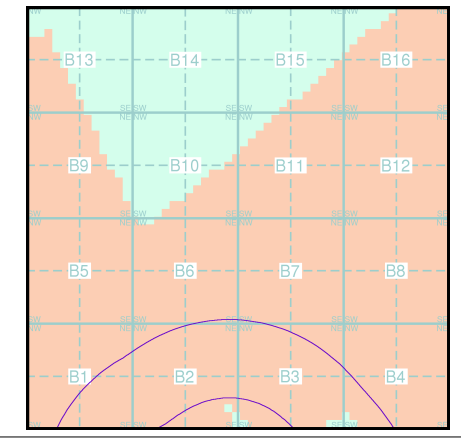
Risk of Flooding from Surface Water

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

Suitability

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

EANRW Suitability Map - Slice B

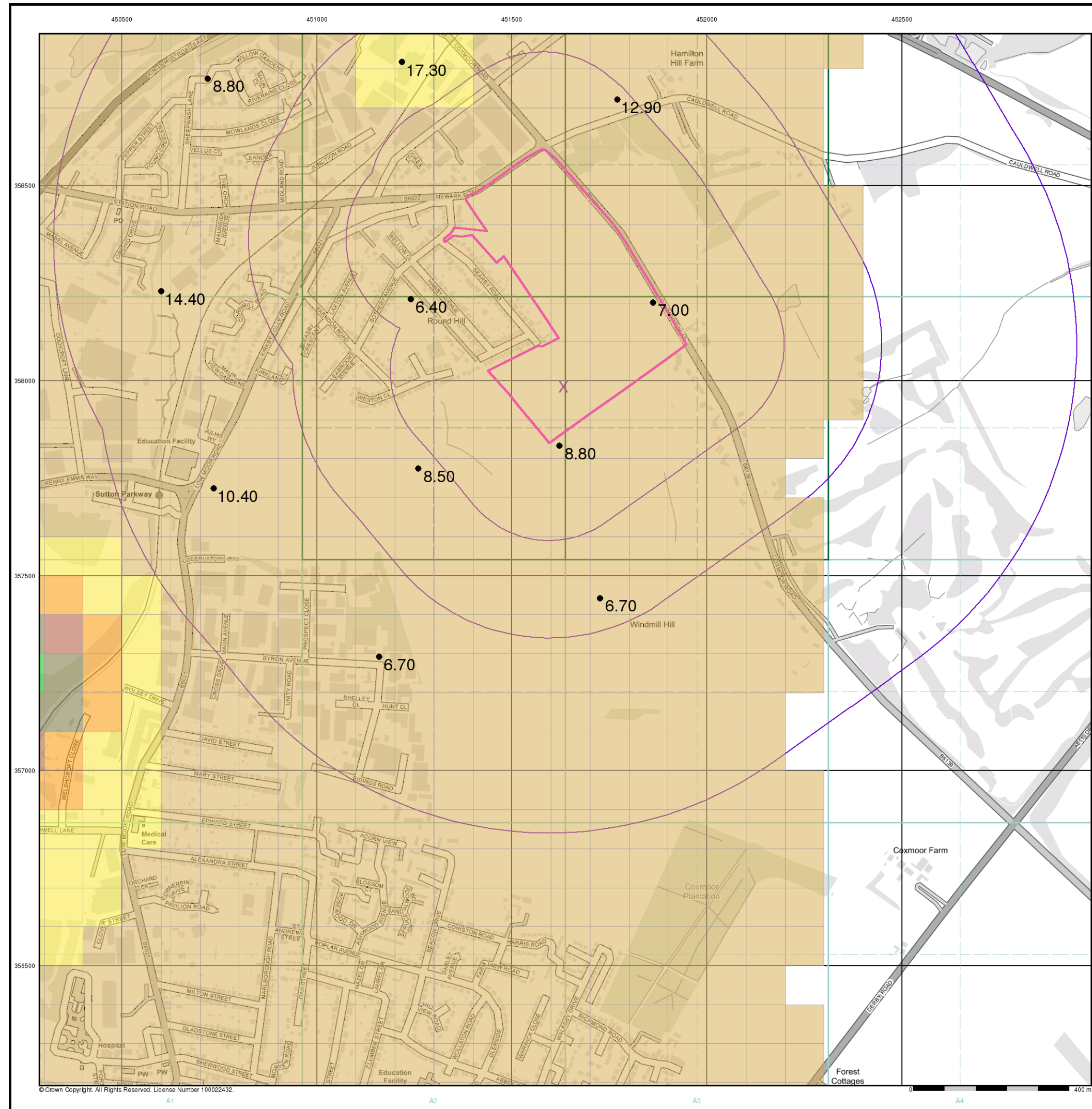


Order Details

Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451550, 359180
Slice: B
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260



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General

Specified Site Specified Buffer(s) Bearing Reference Point

Urban Soil Chemistry Arsenic

BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Arsenic Concentrations mg/kg

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

Urban Soil Chemistry Arsenic - Slice A

Order Details

Order Details:	290988033_1_1
Customer Ref:	46924
National Grid Reference:	451630, 357990
Slice:	A
Site Area (Ha):	21.38
Search buffer (m):	1000

Site Details

Site at 451680, 358260

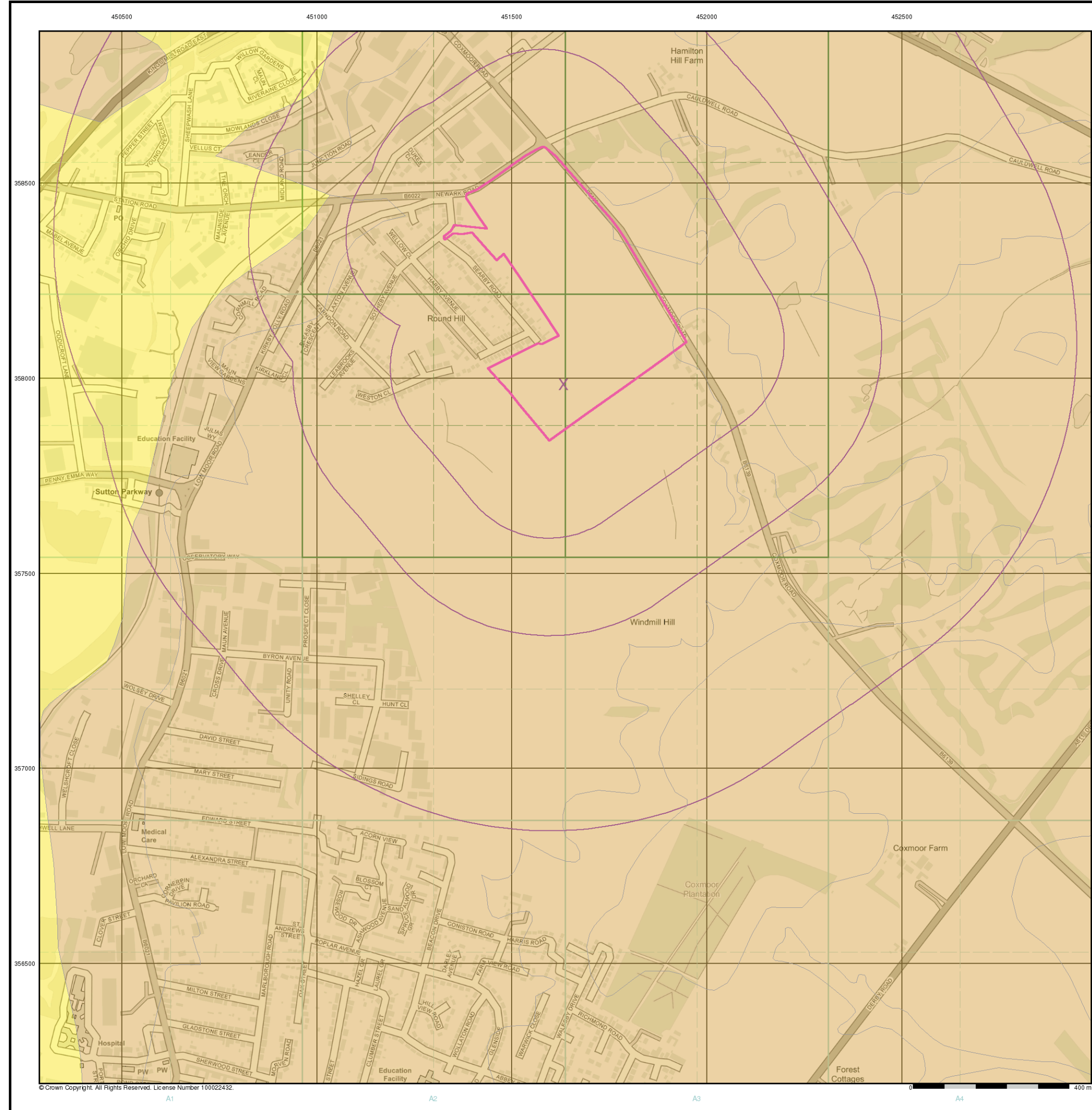
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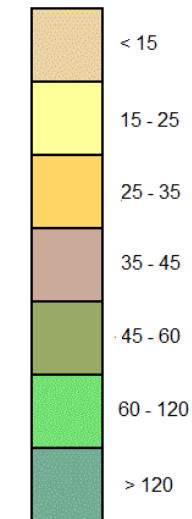
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General

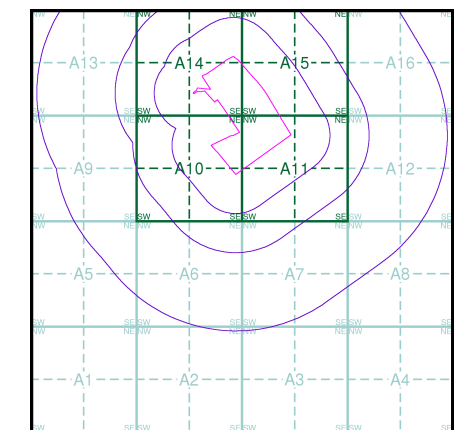
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

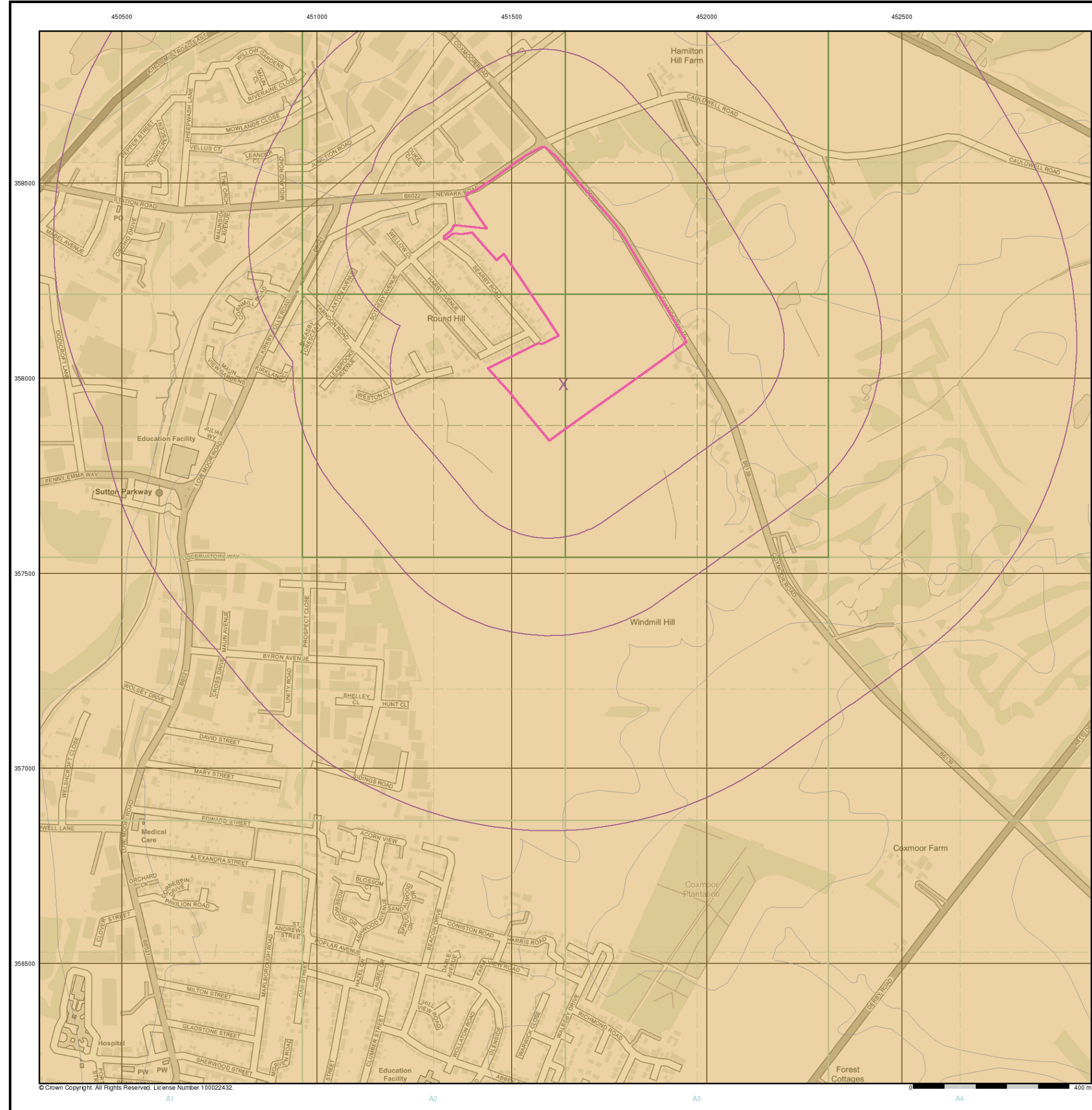


Order Details

Order Details: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search buffer (m): 1000

Site Details

Site at 451680, 358260



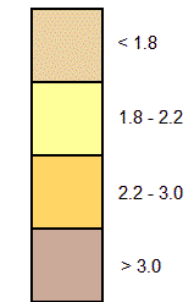
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General

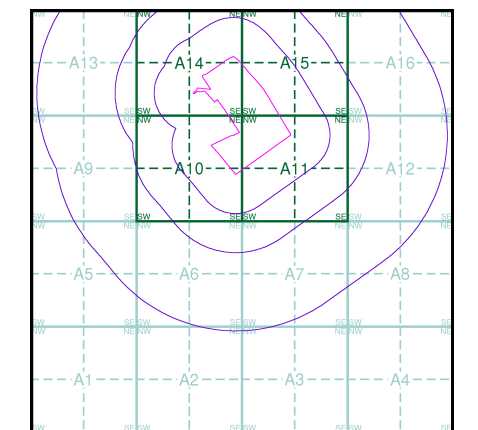
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

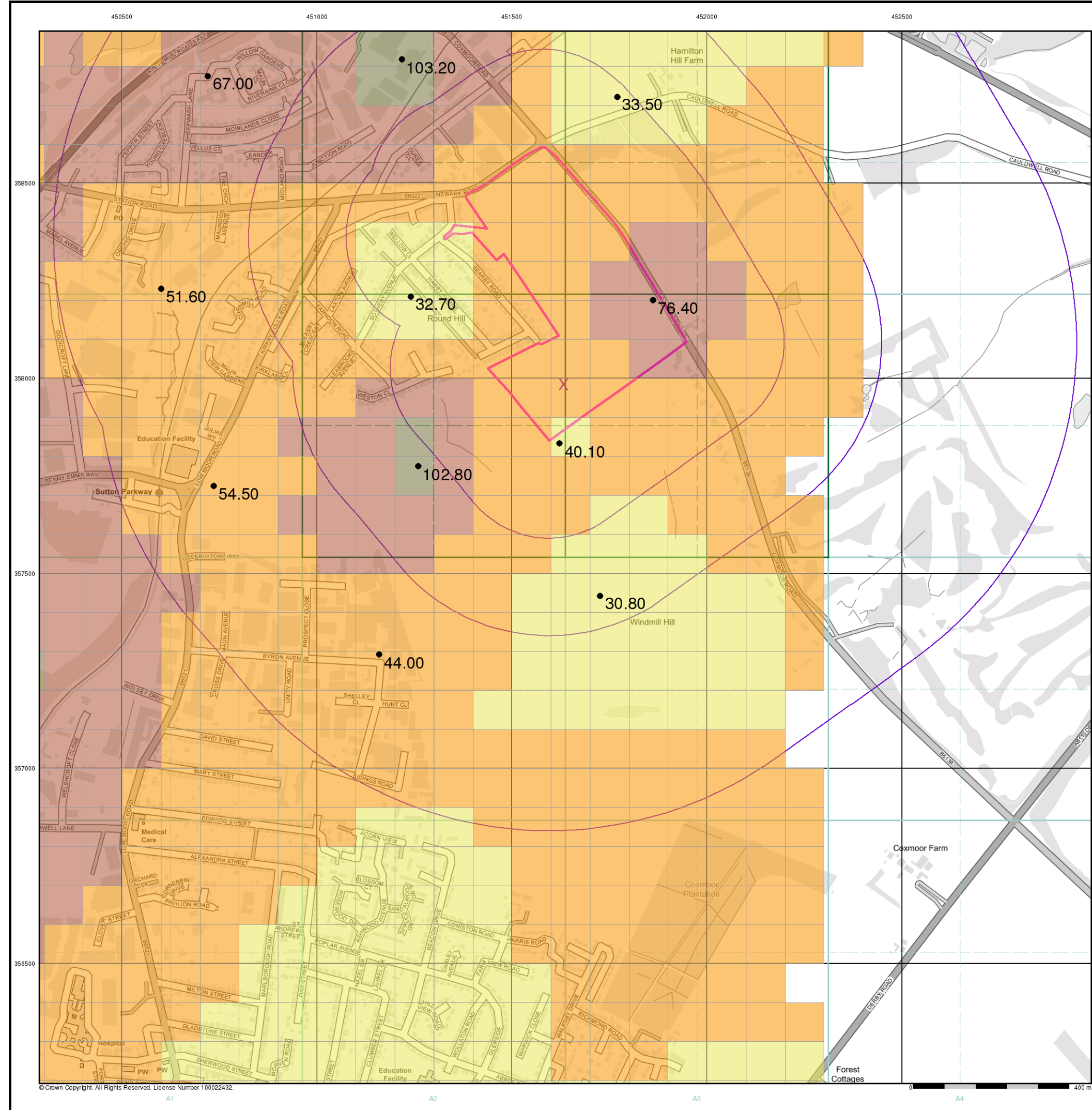


Order Details

Order Details: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search buffer (m): 1000

Site Details

Site at 451680, 358260



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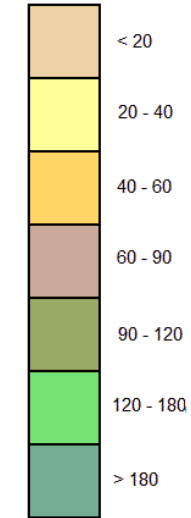
General

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

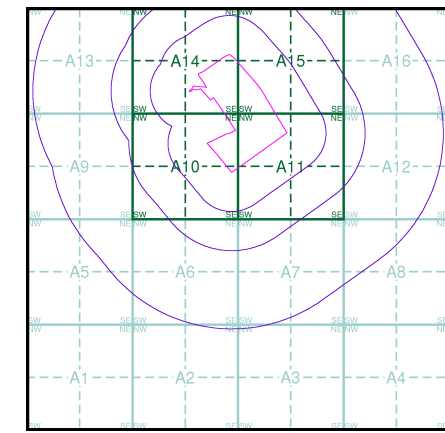
Urban Soil Chemistry Chromium

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Chromium Concentrations mg/kg



Urban Soil Chemistry Chromium - Slice A

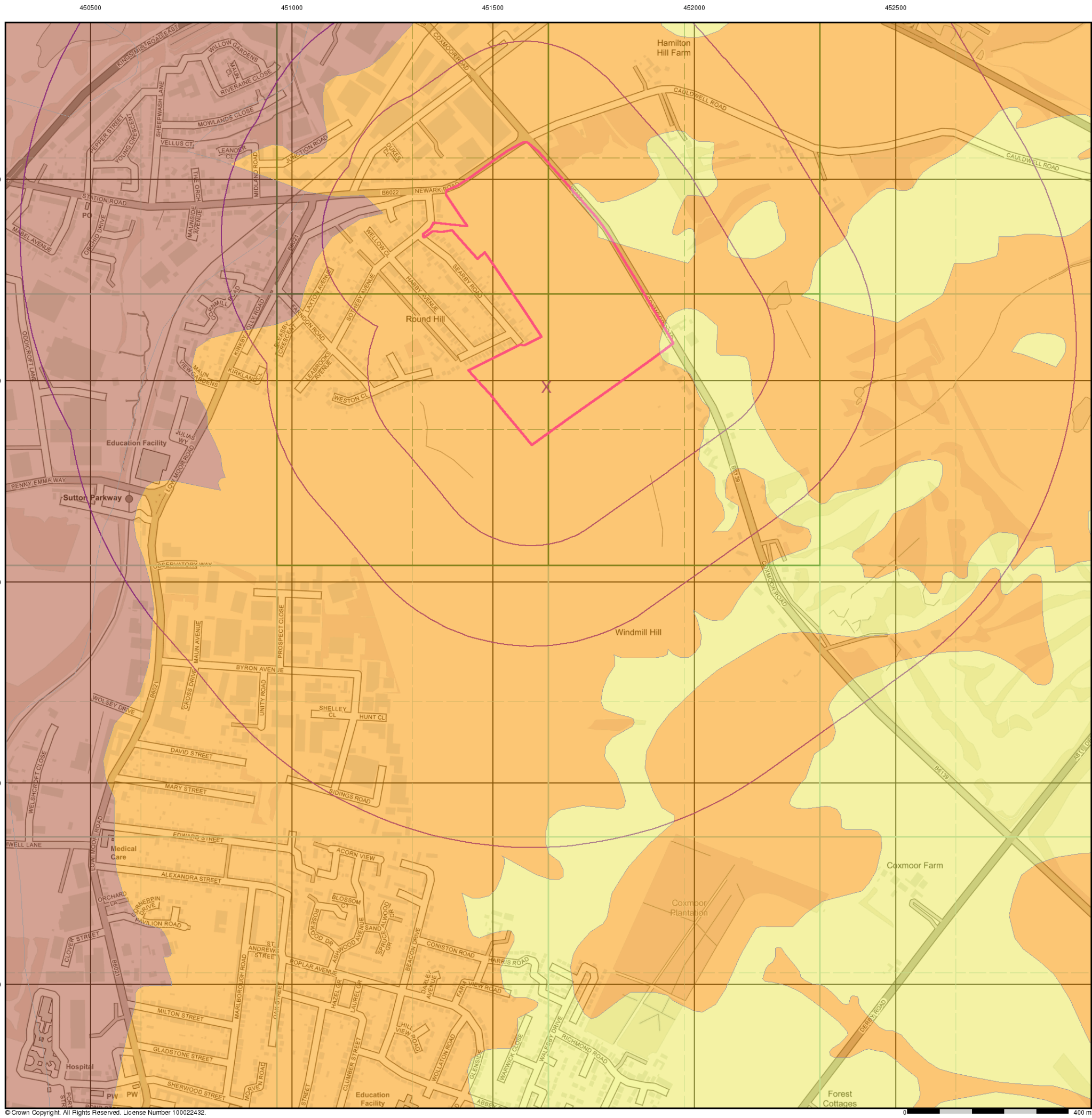


Order Details

Order Details: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search buffer (m): 1000

Site Details

Site at 451680, 358260

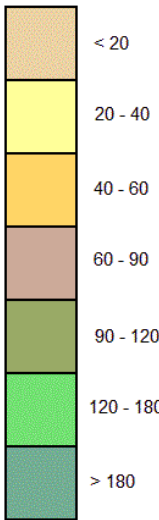


General

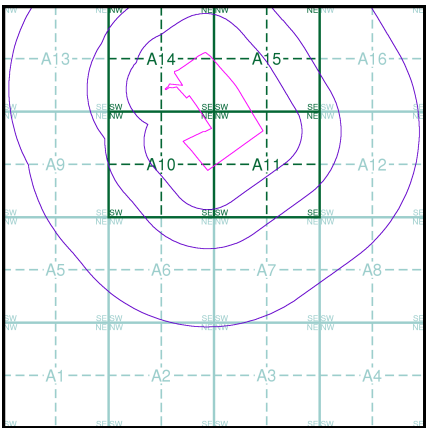
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

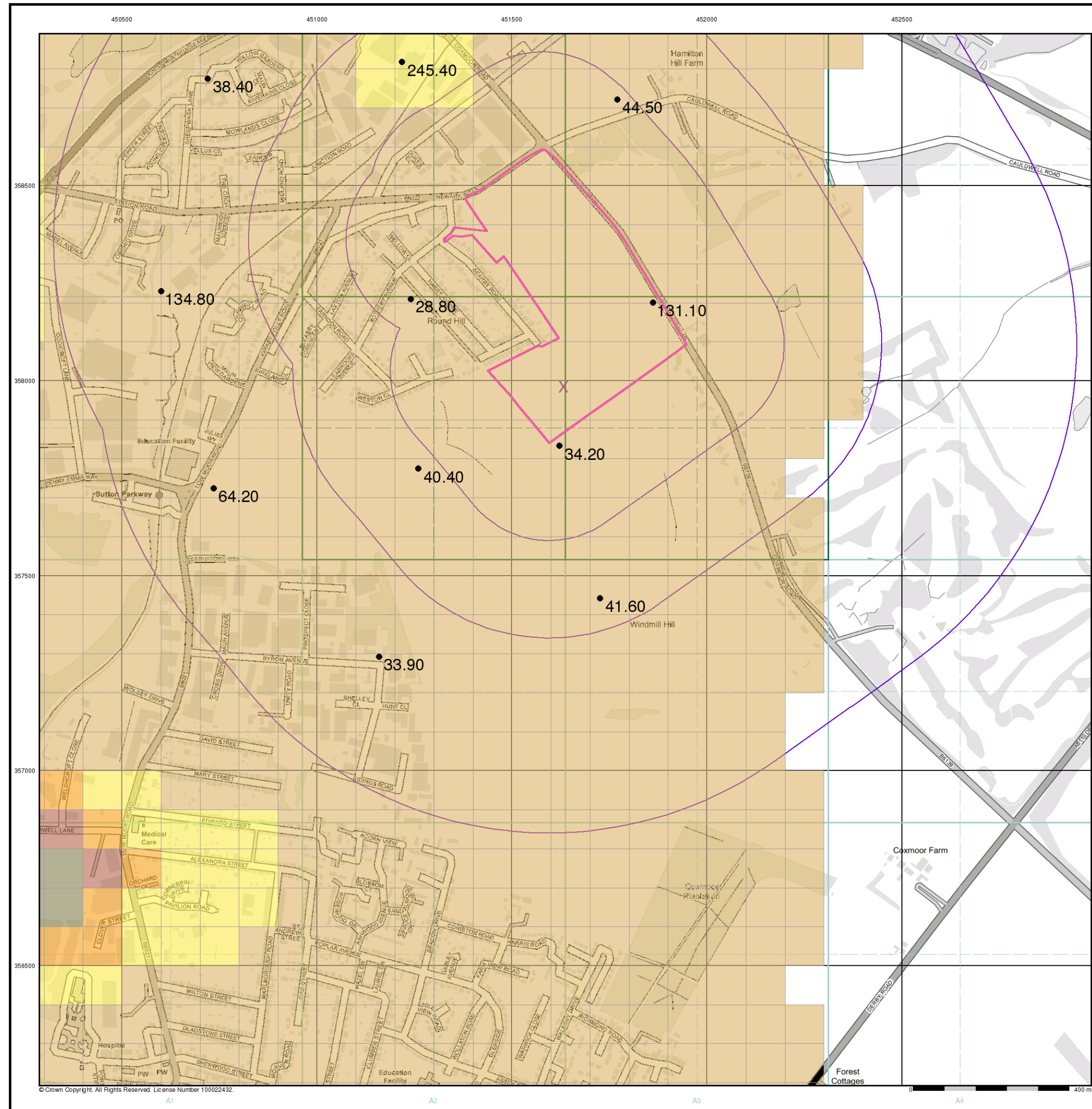


Order Details

Order Details: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search buffer (m): 1000

Site Details

Site at 451680, 358260



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General

Specified Site Specified Buffer(s) Bearing Reference Point

Urban Soil Chemistry Lead

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Lead Concentrations mg/kg

< 150
150 - 300
300 - 600
600 - 900
> 900

Urban Soil Chemistry Lead - Slice A

Order Details

Order Details:	290988033_1_1
Customer Ref:	46924
National Grid Reference:	451630, 357990
Slice:	A
Site Area (Ha):	21.38
Search buffer (m):	1000

Site Details

Site at 451680, 358260

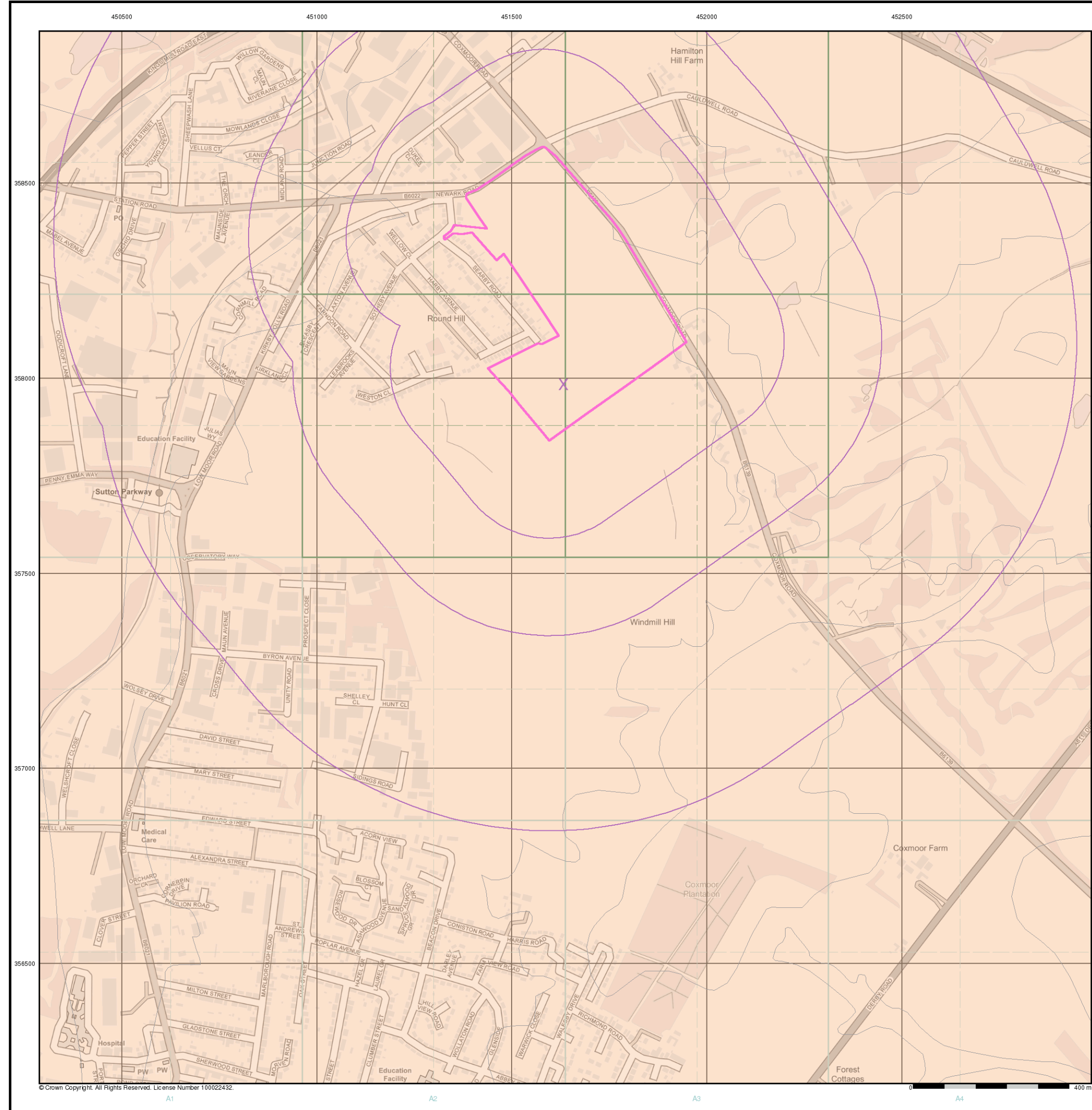
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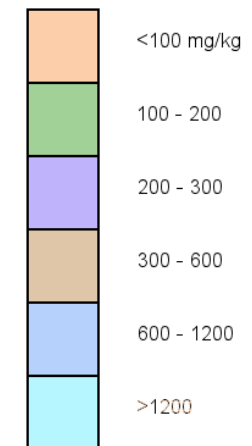


General

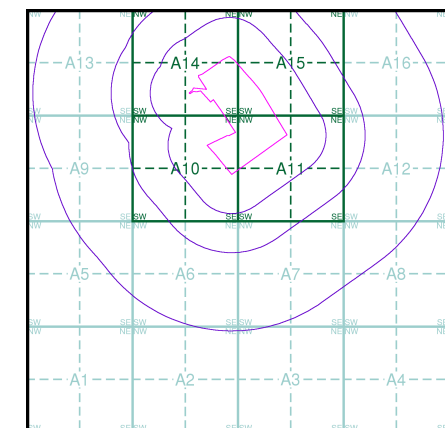
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

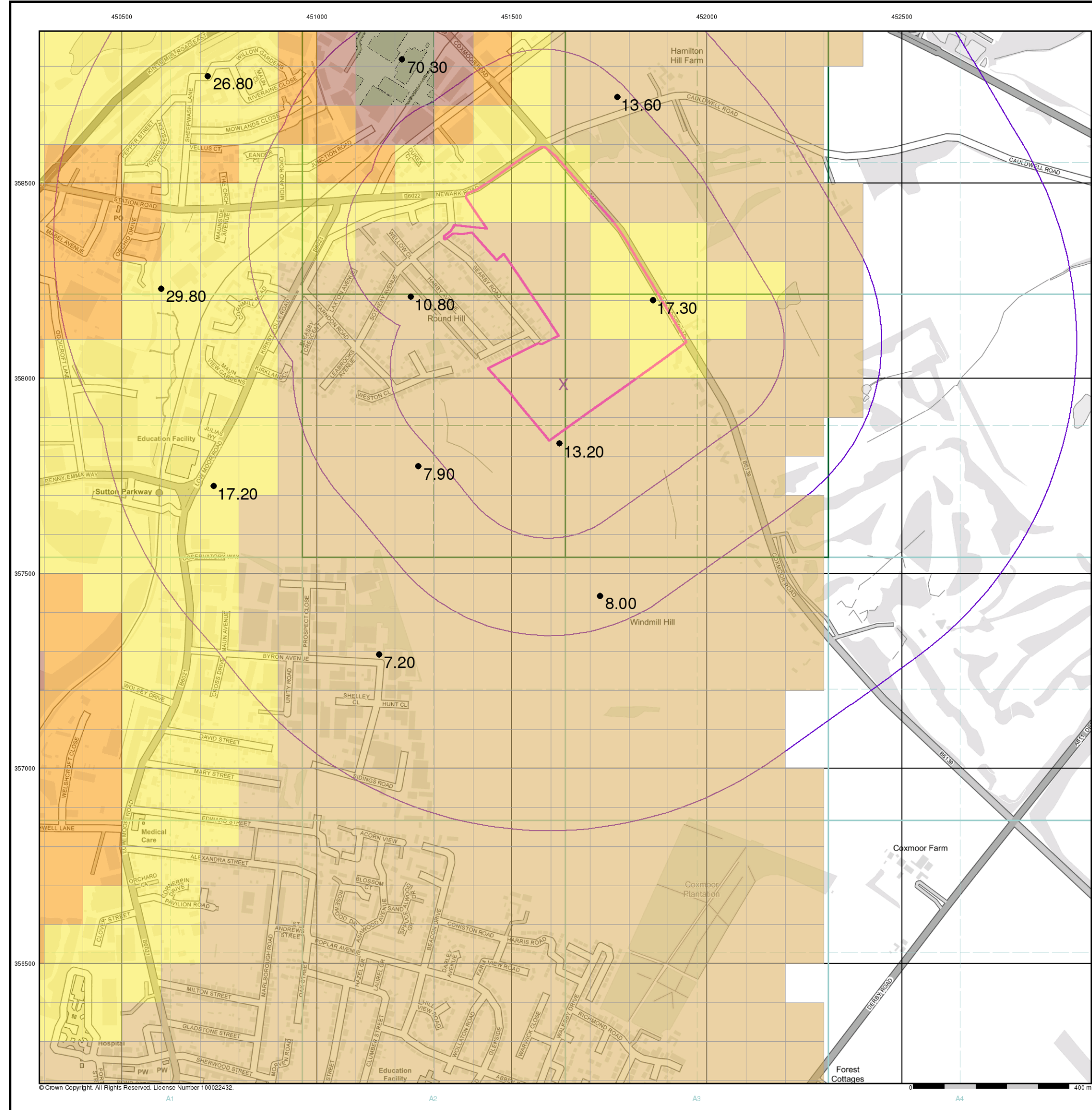


Order Details

Order Details: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search buffer (m): 1000

Site Details

Site at 451680, 358260



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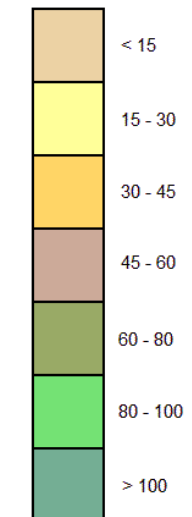
General

Specified Site Specified Buffer(s) Bearing Reference Point

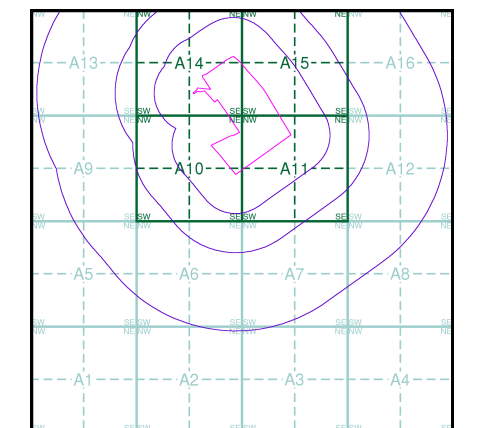
Urban Soil Chemistry Nickel

BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Nickel Concentrations mg/kg



Urban Soil Chemistry Nickel - Slice A



Order Details

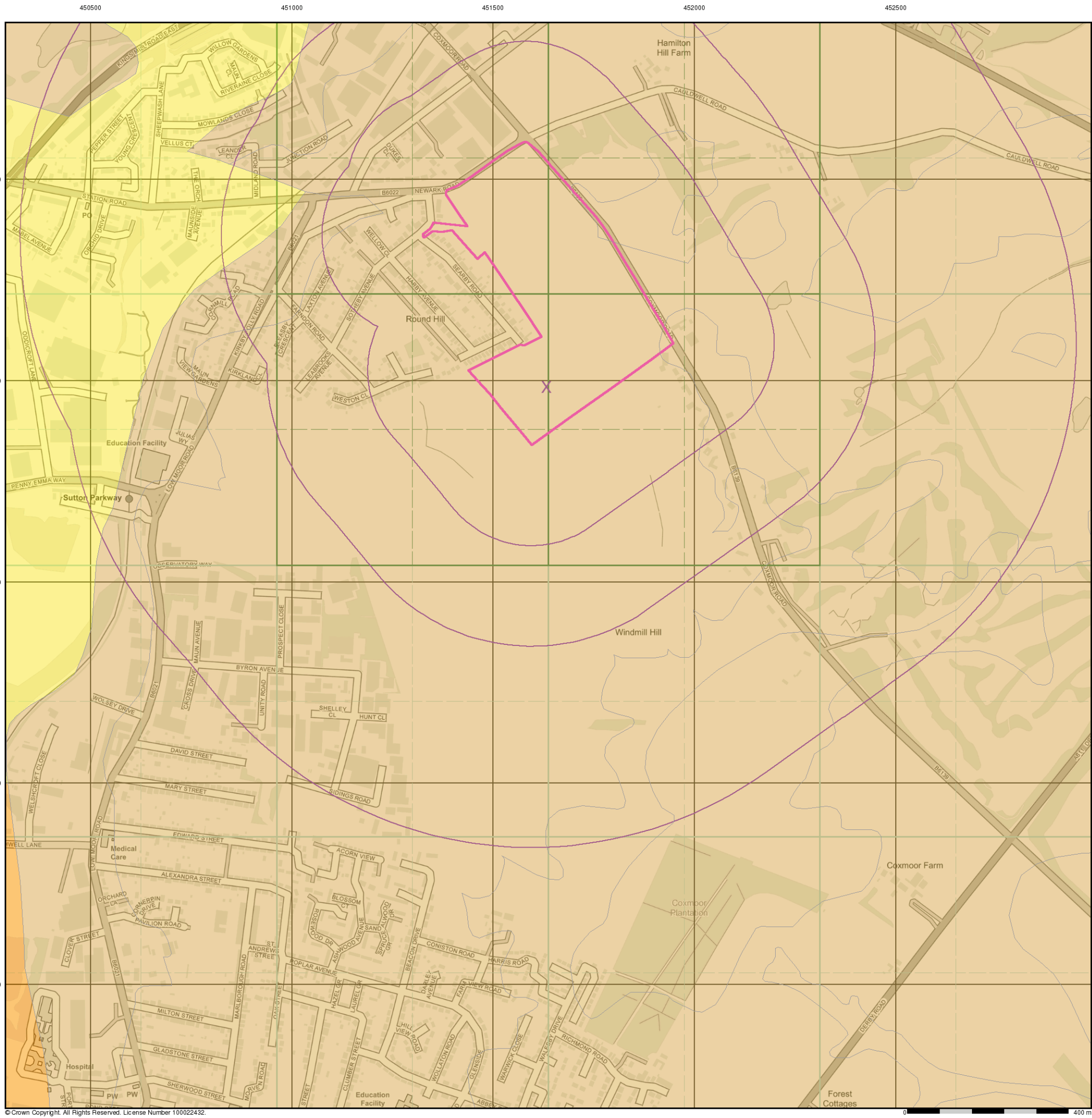
Order Details: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search buffer (m): 1000

Site Details

Site at 451680, 358260

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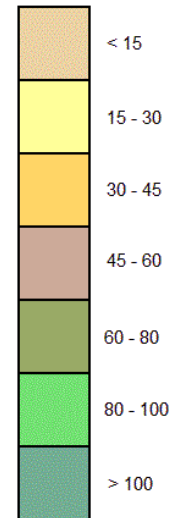


General

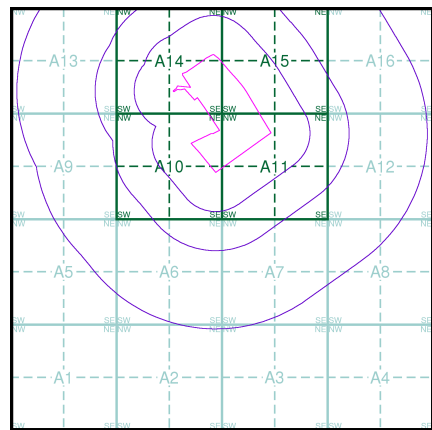
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

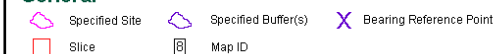
Order Details: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
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Site Details

Site at 451680, 358260

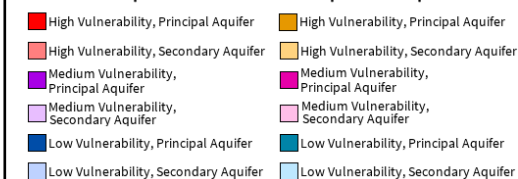
Groundwater Vulnerability

General

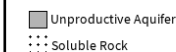
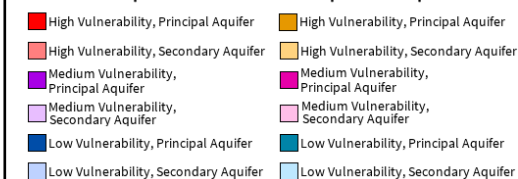


Agency and Hydrological

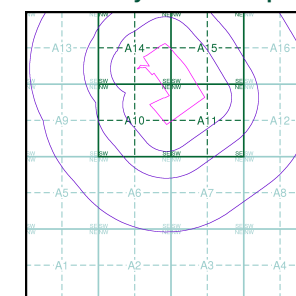
Bedrock Aquifers



Superficial Aquifers



Site Sensitivity Context Map - Slice A



Order Details

Order Number: 290988033_1_1
 Customer Ref: 46924
 National Grid Reference: 451630, 357990
 Slice: A
 Site Area (Ha): 21.38
 Search Buffer (m): 1000

Site Details

Site at 451680, 358260

Bedrock Aquifer Designation

General

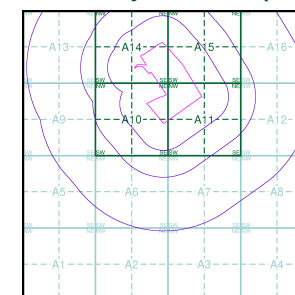
 Specified Site  Specified Buffer(s)  Bearing Reference Point
 Slice  Map ID

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: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260

Superficial Aquifer Designation

General

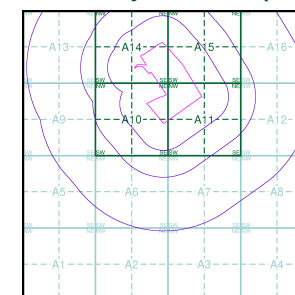
-  Specified Site  Specified Buffer(s)  Bearing Reference Point
 Slice  Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

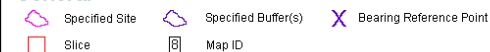
Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

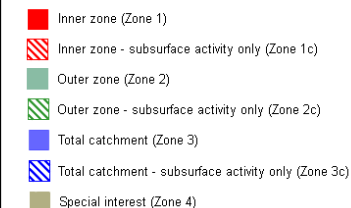
Site at 451680, 358260

Source Protection Zones

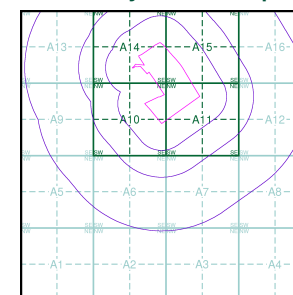
General



Agency and Hydrological



Site Sensitivity Context Map - Slice A



Order Details

Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260

Sensitive Land Uses

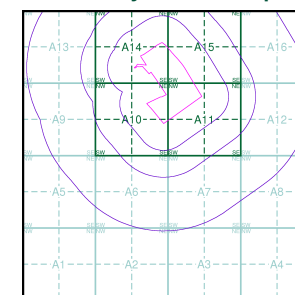
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	290988033_1_1
Customer Ref:	46924
National Grid Reference:	451630, 357990
Slice:	A
Site Area (Ha):	21.38
Search Buffer (m):	1000

Site Details

Site at 451680, 358260

BGS Flood GFS Data

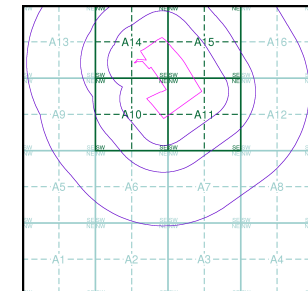
General

-  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

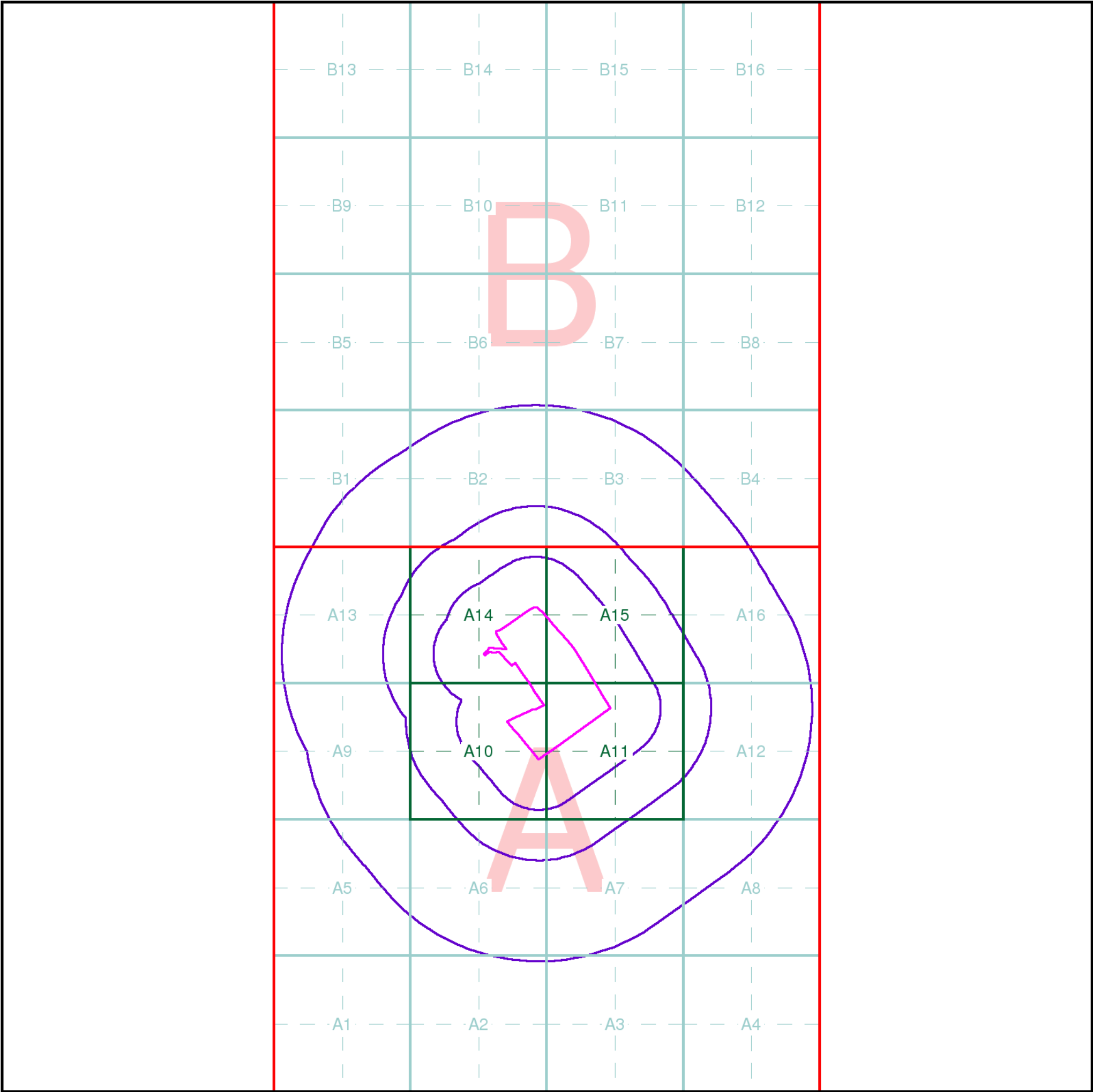


Order Details

Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451630, 357990
Slice: A
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260



Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mrs K Betson, Eastwood & Partners Ltd, St Andrews House, 23 Kingfield Road, Sheffield, S11 9AS

Order Details

Order Number: 290988033_1_1
Customer Ref: 46924
National Grid Reference: 451650, 358220
Site Area (Ha): 21.38
Search Buffer (m): 1000

Site Details

Site at 451680, 358260

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>



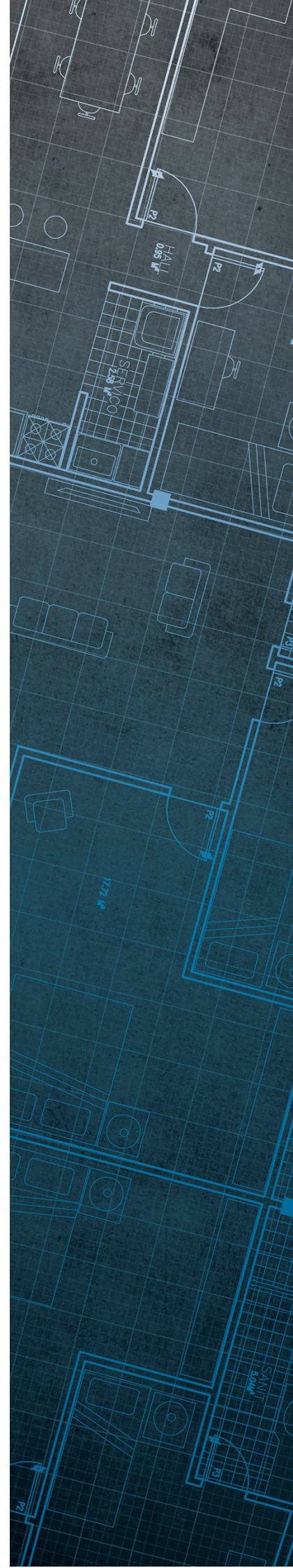
The Coal
Authority

Consultants Coal Mining Report

Newark Road
Sutton In Ashfield
Nottinghamshire
NG17 5ES

Date of enquiry:	20 May 2022
Date enquiry received:	20 May 2022
Issue date:	20 May 2022

Our reference:	71008650855001
Your reference:	



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

EASTWOOD & PARTNERS (CONSULTING ENGINEERS) LTD

Enquiry address

Newark Road
Sutton In Ashfield
Nottinghamshire
NG17 5ES

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

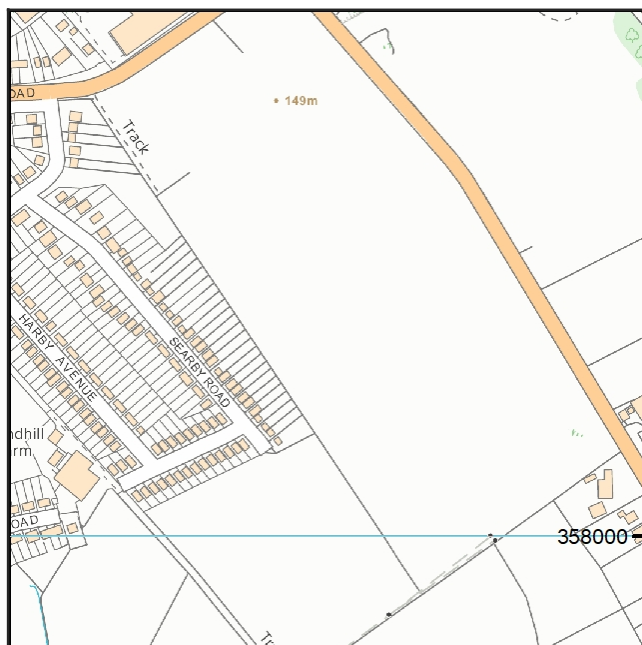
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
KIRKBY	HIGH MAIN	Coal	5NDY	193	South-East	4.9	East	90	1956
KIRKBY	HIGH MAIN	Coal	5NEN	201	Beneath Property	3.5	East	110	1958
KIRKBY	HIGH MAIN	Coal	5Q56	210	East	4.3	South-East	110	1963
KIRKBY	HIGH MAIN	Coal	5Q51	217	South-East	2.9	East	90	1957
KIRKBY	TOP HARD	Coal	5NEQ	400	Beneath Property	4.5	East	110	1937
KIRKBY	TOP HARD	Coal	5NEO	407	Beneath Property	2.4	North	110	1936
KIRKBY	TOP HARD	Coal	5NDZ	417	Beneath Property	3.9	East	110	1924
KIRKBY	TOP HARD	Coal	5Q57	438	East	3.8	South-East	110	1942
KIRKBY	TOP HARD	Coal	5Q55	447	South-East	3.2	East	110	1936
SHERWOOD	TOP HARD	Coal	5PPI	515	North	13.4	South	180	1953
KIRKBY	DEEP SOFT	Coal	5NEU	521	West	1.5	East	111	1933
SHERWOOD	TOP HARD	Coal	5NEP	529	North	5.9	South-East	110	1950
SHERWOOD	TOP HARD	Coal	5Q58	557	North-East	20.2	South	180	1942
KIRKBY	DEEP SOFT	Coal	5NET	559	Beneath Property	4.2	South-East	111	1934
KIRKBY	DEEP SOFT	Coal	5Q53	580	South-East	1.8	South-East	111	1961
KIRKBY	DEEP SOFT	Coal	5NE2	584	Beneath Property	3.0	East	120	1950
KIRKBY	DEEP SOFT	Coal	5NES	596	South-East	3.0	North-East	111	1950
KIRKBY	DEEP SOFT	Coal	5NER	600	South-East	3.0	North-East	111	1950
KIRKBY	DEEP SOFT	Coal	5Q5A	608	South-East	2.6	East	110	1949
SUTTON	DEEP HARD	Coal	5PPJ	709	North-West	12.5	South	120	1977

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

EM607	EM944	EM945
EM468		

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

Name	Order date	Amendments
Sutton Area	1964	None

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is in an area where a notice to withdraw support was given in 1946.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

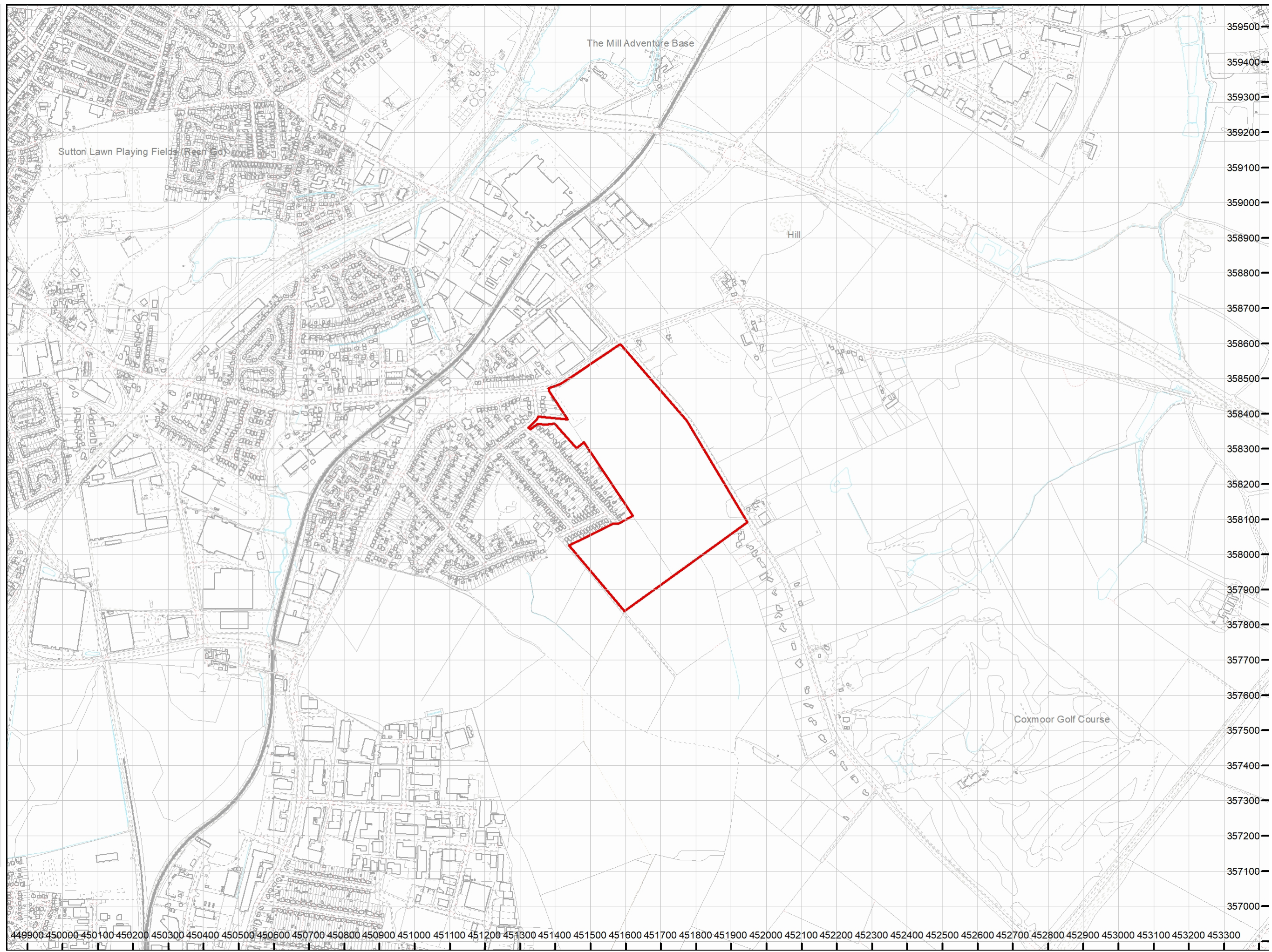
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

Approximate position of the enquiry boundary shown 

How to contact us
0345 762 6848 (UK)
+44 (0)1623 637 000 (International)
www.groundstability.com



Appendix 2

Exploratory Hole Location Plan – Drawing Number 46924/003

Gas Precautions Plan – Drawing Number 46924/005

Trial Pit Logs, TP01 to TP42 and TT01 to TT02

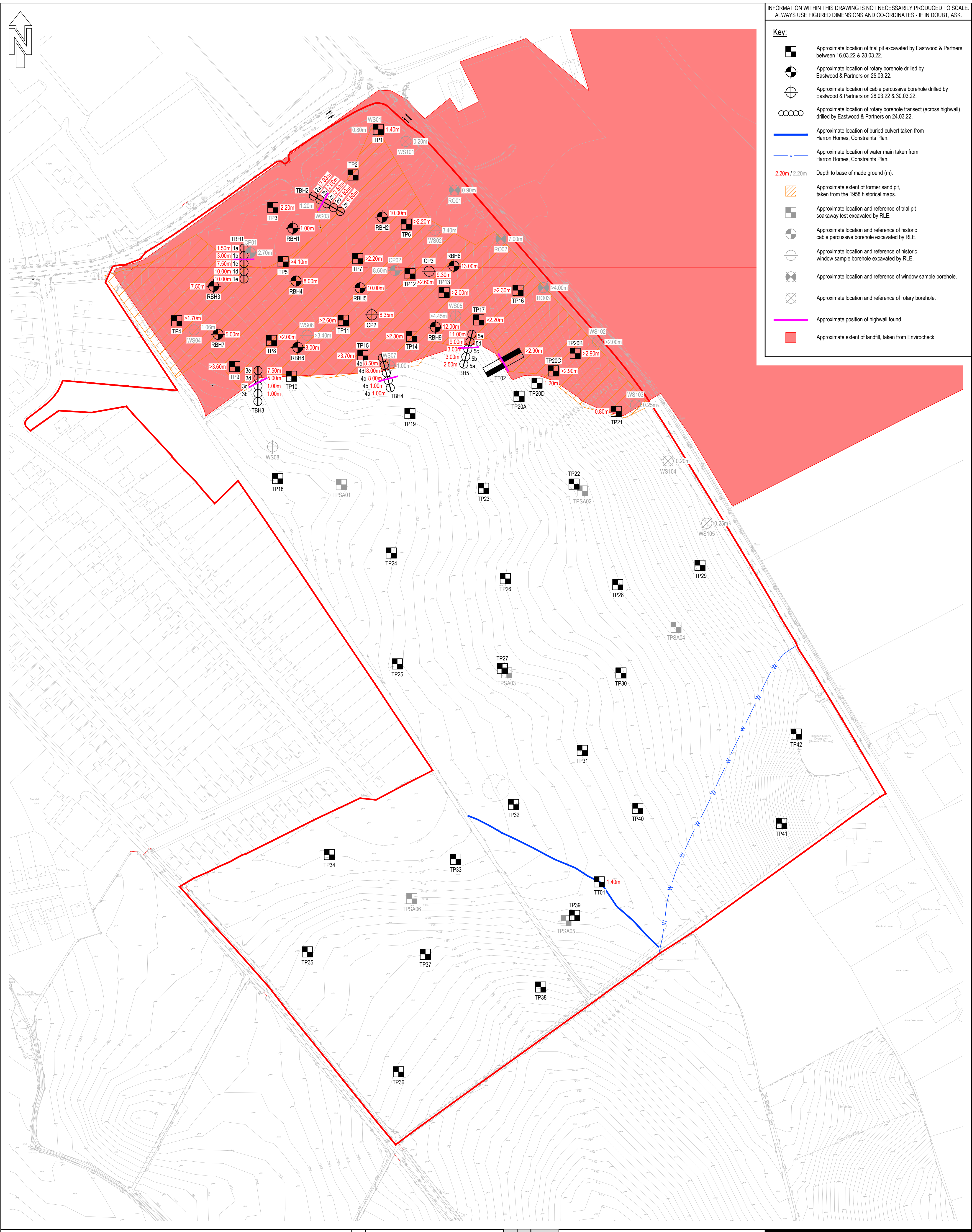
Rotary Borehole Logs, RBH01 to RBH09

Rotary Borehole Transect Logs, TBH1 to TBH5

Rotary Borehole Transect Cross Sections – Drawing Number 46924/004

Cable Percussion Borehole Logs, CP02 and CP03

Site Photographs



INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE. ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

Key:

- Approximate location of trial pit excavated by Eastwood & Partners between 16.03.22 & 28.03.22.
- Approximate location of rotary borehole drilled by Eastwood & Partners on 25.03.22.
- Approximate location of cable percussive borehole drilled by Eastwood & Partners on 28.03.22 & 30.03.22.
- Approximate location of rotary borehole transect (across highwall) drilled by Eastwood & Partners on 24.03.22.
- Approximate location of buried culvert taken from Harron Homes, Constraints Plan.
- Approximate location of water main taken from Harron Homes, Constraints Plan.
- Depth to base of made ground (m).
- Approximate extent of former sand pit, taken from the 1958 historical maps.
- Approximate location and reference of trial pit soakaway test excavated by R.L.E.
- Approximate location and reference of historic cable percussive borehole excavated by R.L.E.
- Approximate location and reference of historic window sample borehole excavated by R.L.E.
- Approximate location and reference of window sample borehole.
- Approximate location and reference of rotary borehole.
- Approximate position of highwall found.
- Approximate extent of landfill, taken from Envirocheck.

1. This drawing is to be read in conjunction with all relevant Eastwood & Partners drawings prefixed 46924 and Architect's drawings.

Note: Other services may be present on site; consult service plans for more information.

A First Issue.

HARRON HOMES

NEWARK ROAD, SUTTON-IN-ASHFIELD,
NOTTINGHAMSHIRE

EXPLORATORY HOLE LOCATION
PLAN

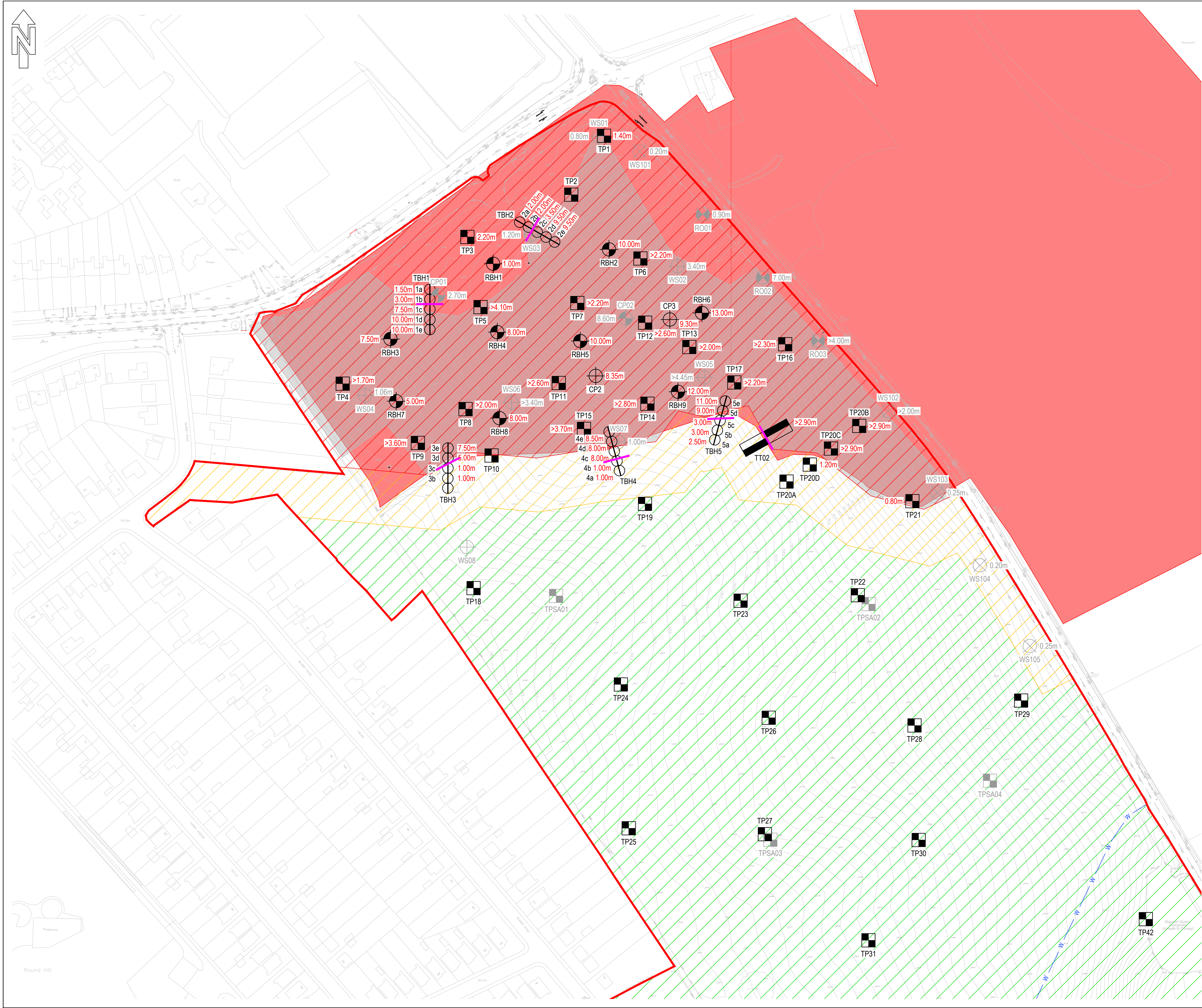
Eastwood & Partners
CONSULTING ENGINEERS



St. Andrew's House
23 Kingfield Road
Sheffield
S11 9AS
Tel 0114 255 4554
Fax 0114 255 4330

mail@eastwoodandpartners.com
www.eastwoodandpartners.com

SCALE WHEN PLOTTED AT A1			DRAWING STATUS		
1:1250			INFORMATION		
DRAWN	CHECKED	DATE	DRAWING NUMBER	REV	
JL	ACR/KE	06.05.22	46924/003	A	



INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE.
ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

NOTES

1. This drawing is to be read in conjunction with all relevant Eastwood & Partners drawings prefixed 46924 and Architect's drawings.

Key:

Approximate location of trial pit excavated by Eastwood & Partners between 16.03.22 & 28.03.22.

Approximate location of rotary borehole drilled by Eastwood & Partners on 25.03.22.

Approximate location of cable percussive borehole drilled by Eastwood & Partners on 28.03.22 & 30.03.22.

Approximate location of rotary borehole transect (across highwall) drilled by Eastwood & Partners on 24.03.22.

Approximate location of water main taken from Harron Homes, Constraints Plan.

Depth to base of made ground (m).

Approximate extent of former sand pit, taken from the 1958 historical maps.

Approximate location and reference of trial pit soakaway test excavated by RLE.

Approximate location and reference of historic cable percussive borehole excavated by RLE.

Approximate location and reference of historic window sample borehole excavated by RLE.

Approximate location and reference of window sample borehole.

Approximate location and reference of rotary borehole.

Approximate position of highwall found.

Approximate extent of landfill, taken from Envirocheck.

No gas precautions required (Green).

Amber 1 gas precautions required.

Amber 2 gas precautions required.

A	First Issue.			
REV	DESCRIPTION	SIG	CHK	DATE
HARRON HOMES				
NEWARK ROAD, SUTTON-IN-ASHFIELD, NOTTINGHAMSHIRE				
GAS PRECAUTIONS PLAN				
Eastwood & Partners CONSULTING ENGINEERS St. Andrew's House 23 Kingfield Road Sheffield S11 9AS Tel 0114 255 4554 Fax 0114 255 4330 mail@eastwoodandpartners.com www.eastwoodandpartners.com EAOP				
SCALE WHEN PLOTTED AT A1 1:1000		DRAWING STATUS INFORMATION		
DRAWN JL	CHECKED KE	DATE 06.05.22	DRAWING NUMBER 46924/005	REV A

Project Name	Project No.	Co-ords: 451580.81 - 358574.11	Date
Newark Road	46924	Level: 155.50	16/03/2022
Location: Sutton-in-Ashfield	Dimensions: 2.00m 0.60m		Scale
Client: Harron Homes Limited	Depth: 2.80m		1:25
			Logged

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.20	ES		0.50	155.00		TOPSOIL: Dark brown silty slightly gravelly fine to medium SAND with rootlets. Gravel of rounded fine to medium quartzite and sub angular fine to coarse sandstone.
0.90	ES		1.40	154.10		MADE GROUND: Dark grey reddish brown gravelly fine to coarse SAND with medium cobble content and scrap metal. Gravel of angular fine to coarse red shale, brick and limestone. Cobbles of whole and half brick, red shale and concrete.
1.80	ES		2.70	152.80		Red brown slightly silty fine to medium SAND [weathered Lenton Sandstone Formation].
			2.80	152.70		
						Trialpit Complete at 2.800m

Remarks:	1. No groundwater encountered. 2. Trial pit terminated at 2.80 m on bedrock.
----------	--

Stability: Unstable to 1.40 m in made ground.

Eastwood&Partners CONSULTING ENGINEERS						TrialPit No TP02 Sheet 1 of 1		
Project Name Newark Road			Project No. 46924		Co-ords: 451562.45 - 358541.11 Level: 155.87		Date 16/03/2022	
Location: Sutton-in-Ashfield					Dimensions: 2.00m		Scale 1:25	
Client: Harron Homes Limited					Depth: 2.80m		Logged	
Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description		
Depth (m)	Type	Results						
0.20	ES		0.45	155.42		TOPSOIL: Dark brown silty slightly gravelly fine to medium SAND with rootlets. Gravel of rounded fine to medium quartzite and sub angular fine to coarse sandstone.	1	
0.60	ES					Red brown silty fine to medium SAND [weathered Lenton Sandstone Formation].		
1.80	ES							
2.40	ES							
			2.70	153.17		Weak red brown weathered SANDSTONE [Lenton Sandstone Formation].	3	
			2.80	153.07		Trialpit Complete at 2.800m		
								4
Remarks: 1. No groundwater encountered. 2. Trial pit terminated at 2.80 m on bedrock.								
Stability: Stable.								

Project Name	Project No.	Co-ords: 451504.28 - 358517.46	Date
Newark Road	46924	Level: 155.50	16/03/2022
Location: Sutton-in-Ashfield	Dimensions: 2.00m Depth: 4.20m 0.60m		Scale
Client: Harron Homes Limited			1:25
			Logged

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES		0.10	155.40		TOPSOIL: Dark brown slightly silty sandy CLAY with rootlets.
0.60	ES					MADE GROUND: Red brown silty fine to medium SAND with cobble-sized firm to stiff clay lenses [reworked].
1.30						
1.70	ES		1.30	154.20		MADE GROUND: Very dark grey clayey gravelly fine to medium SAND with organic odour. Gravel of angular fine to coarse brick, red shale, sandstone and concrete.
2.20			2.20	153.30		Red brown fine to medium SAND [weathered Lenton Sandstone Formation].
2.80	ES					
4.10			4.10	151.40		Weak red brown weathered SANDSTONE [Lenton Sandstone Formation].
4.20			4.20	151.30		
Trialpit Complete at 4.200m						

Remarks: 1. No groundwater encountered. 2. Trial pit terminated at 4.20 m on bedrock.

Stability: Unstable to 2.20 m in made ground.

Eastwood&Partners CONSULTING ENGINEERS						TrialPit No TP04 Sheet 1 of 1	
Project Name Newark Road			Project No. 46924		Co-ords: 451434.48 - 358435.28 Level: 152.00		Date 16/03/2022
Location: Sutton-in-Ashfield					Dimensions: 2.00m		Scale 1:25
Client: Harron Homes Limited					Depth: 1.70m		Logged
Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
Depth (m)	Type	Results					
0.10	ES		0.25	151.75		TOPSOIL: Brown sandy CLAY with rootlets. Sand is fine.	
0.40	ES					MADE GROUND: Cream red brown slightly clayey fine to medium SAND with clay pockets [reworked].	
			0.70	151.30		MADE GROUND: Very dark grey slightly sandy GRAVEL with organic odour. Gravel of angular fine to coarse brick, red shale, sandstone and concrete.	
1.20	ES		1.50	150.50		MADE GROUND: Grey concrete slab. Recovered as grey silty GRAVEL of angular fine to coarse concrete.	
1.30	ES		1.70	150.30		Trialpit Complete at 1.700m	
Remarks: 1. No groundwater encountered. 2. Trial pit terminated at 1.70 m on concrete obstruction in made ground.							
Stability: Unstable throughout.							