






## **DISCLAIMER**

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- email: Planning – [planning.admin@ashfield.gov.uk](mailto:planning.admin@ashfield.gov.uk)

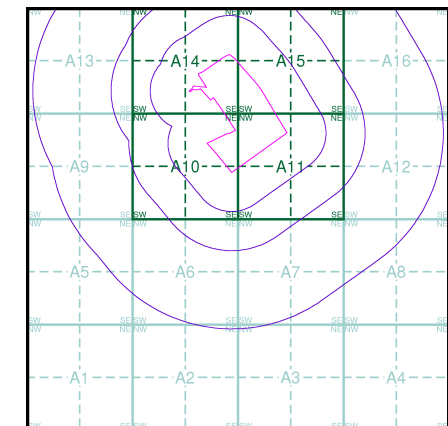
### General

-  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

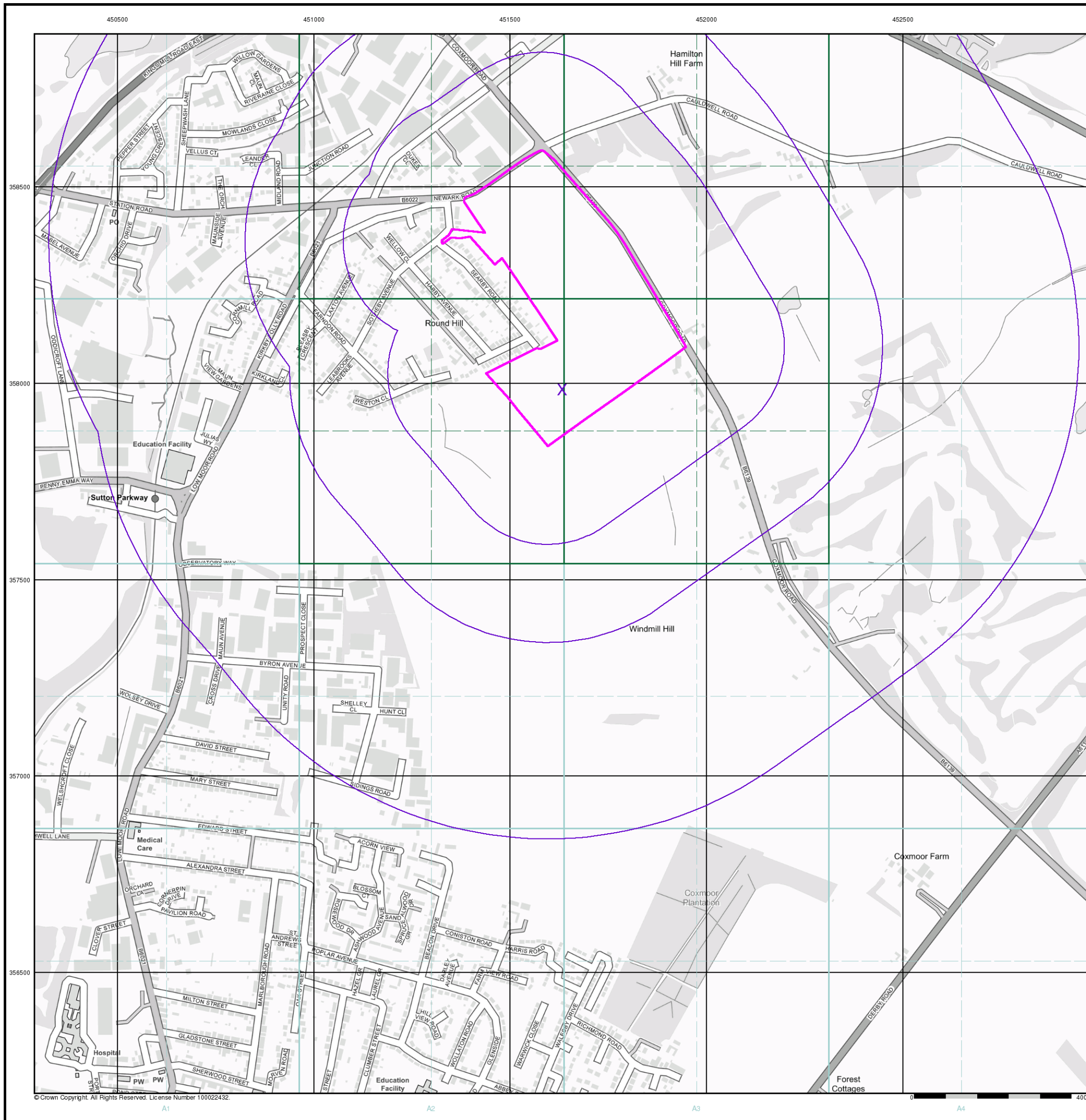


### Order Details

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

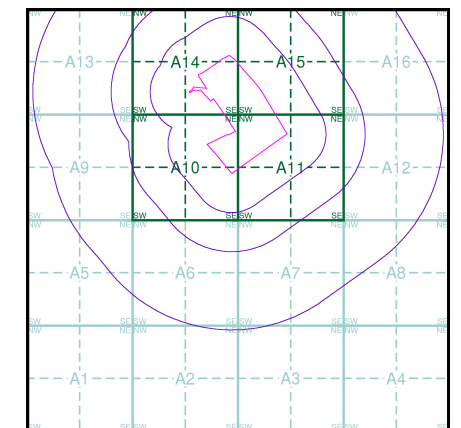
### Agency and Hydrological (Boreholes)

- 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](http://www.envirocheck.co.uk).

### Borehole Map - Slice A

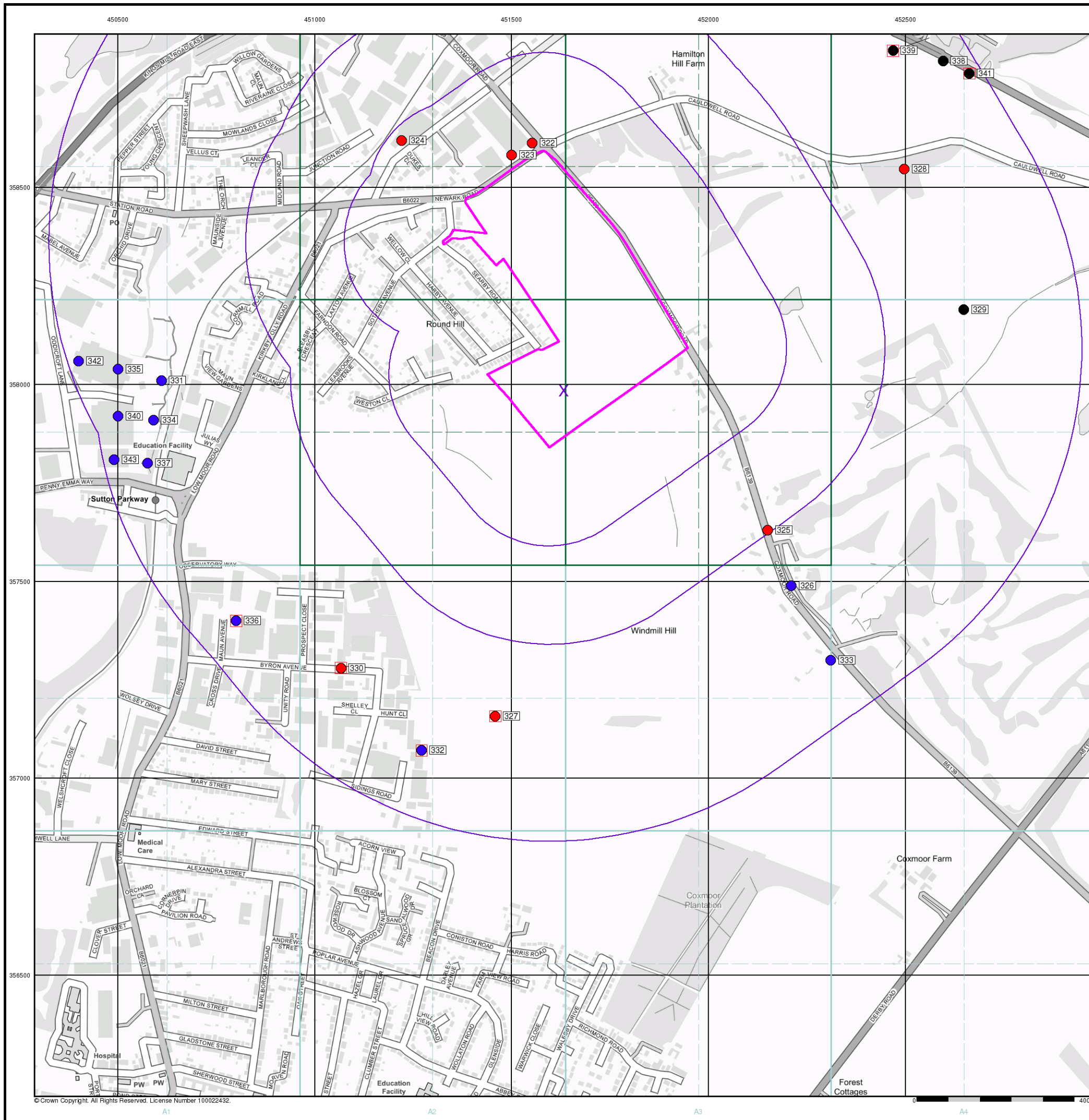


### Order Details

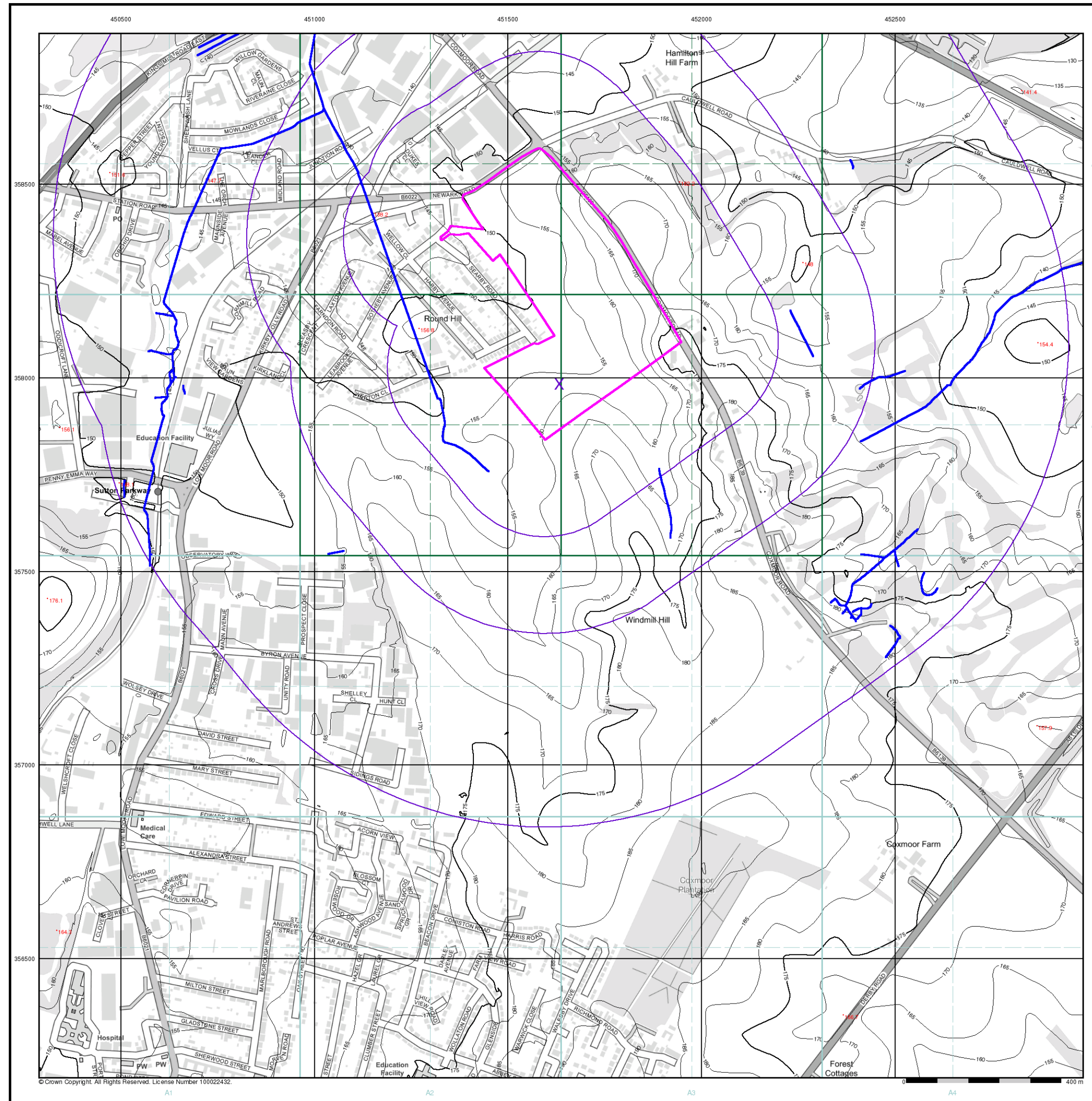
Order Number: 290988033\_1\_1  
 Customer Ref: 46924  
 National Grid Reference: 451630, 357990  
 Slice: A  
 Site Area (Ha): 21.38  
 Search Buffer (m): 1000

### Site Details

Site at 451680, 358260



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### General

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

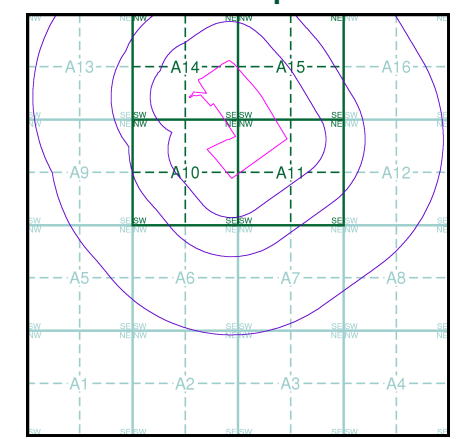
### OS Water Network Data

- |              |                         |
|--------------|-------------------------|
| 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 MLW Mean Low Water
- Master Contour 100 MHW Mean High Water
- Spot Height 167.3

### OS Water Network Map - Slice A






### Order Details

Order Number: 290988033\_1\_1  
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### Site Details

Site at 451680, 358260

### General

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

### Risk of Flooding from Surface Water

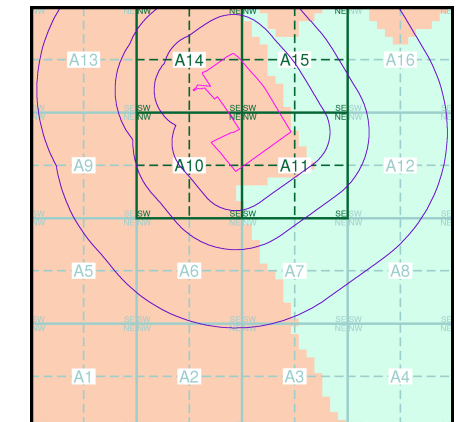
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

### 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

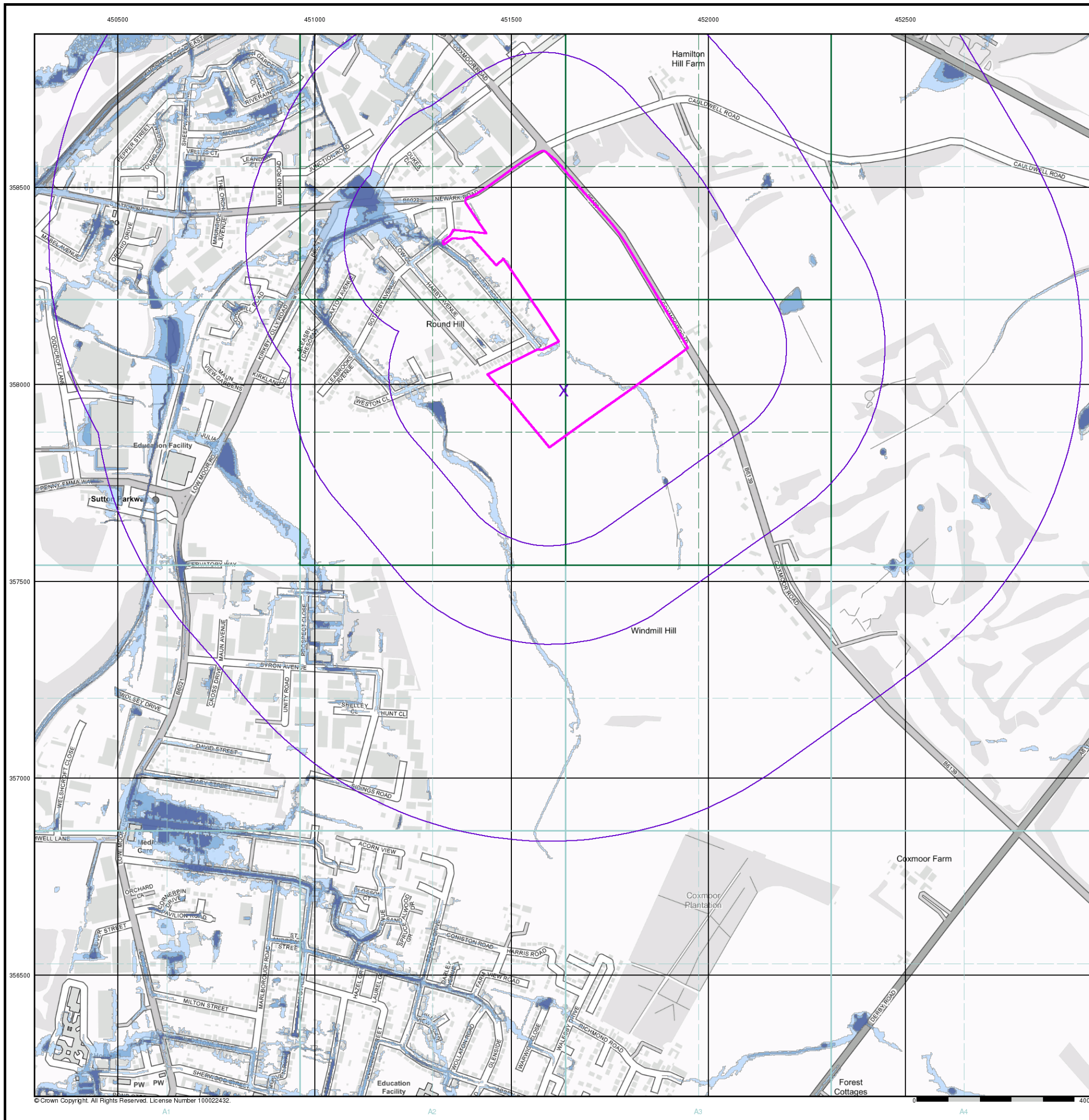


### Order Details

Order Number: 290988033\_1\_1  
 Customer Ref: 46924  
 National Grid Reference: 451630, 357990  
 Slice: A  
 Site Area (Ha): 21.38  
 Search Buffer (m): 1000

### Site Details

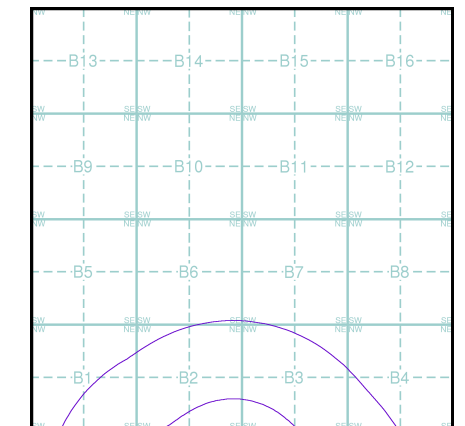
Site at 451680, 358260



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- |                                |  |   |  |  |
|--------------------------------|--|---|--|--|
| <b>General</b>                 | Specified Site   | Specified Buffer(s)   | Bearing Reference Point                                      | Map ID   |
|                                | Several of Type at Location                            |   |  |  |
| <b>Agency and Hydrological</b> | Contaminated Land Register Entry or Notice (Location)  | Discharge Consent   | Enforcement or Prohibition Notice                            | Integrated Pollution Control                       |
|                                | Contaminated Land Register Entry or Notice             | Local Authority Integrated Pollution Prevention and Control | Local Authority Pollution Prevention and Control Enforcement | Local Authority Pollution Prevention and Control   |
|                                | 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                            |   |  |  |
| <b>Hazardous Substances</b>    | COMAH Site   | Explosive Site  | NIHHS Site   | Planning Hazardous Substance Consent               |
|                                | Planning Hazardous Substance Enforcement               |   |  |  |
| <b>Geological</b>              | BGS Recorded Mineral Site                              |   |  |  |
| <b>Waste</b>                   | BGS Recorded Landfill Site (Location)                  | EA Historic Landfill (Buffered Point)                       | EA Historic Landfill (Polygon)                               | Integrated Pollution Control Registered Waste Site |
|                                | BGS Recorded Landfill 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 (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 B

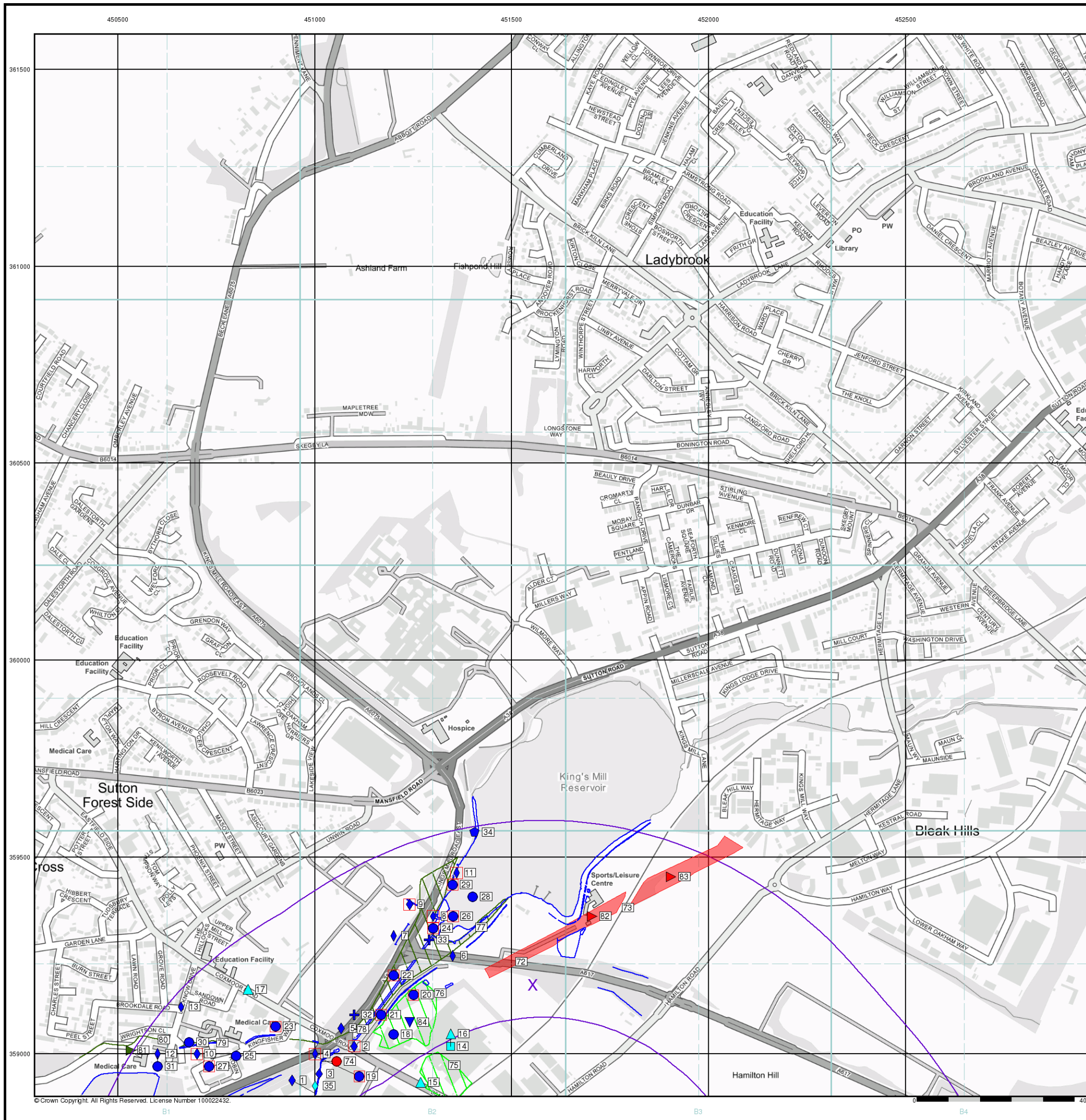


## Order Details

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

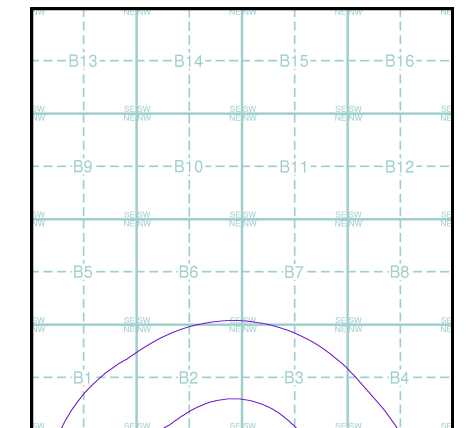
### General

-  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

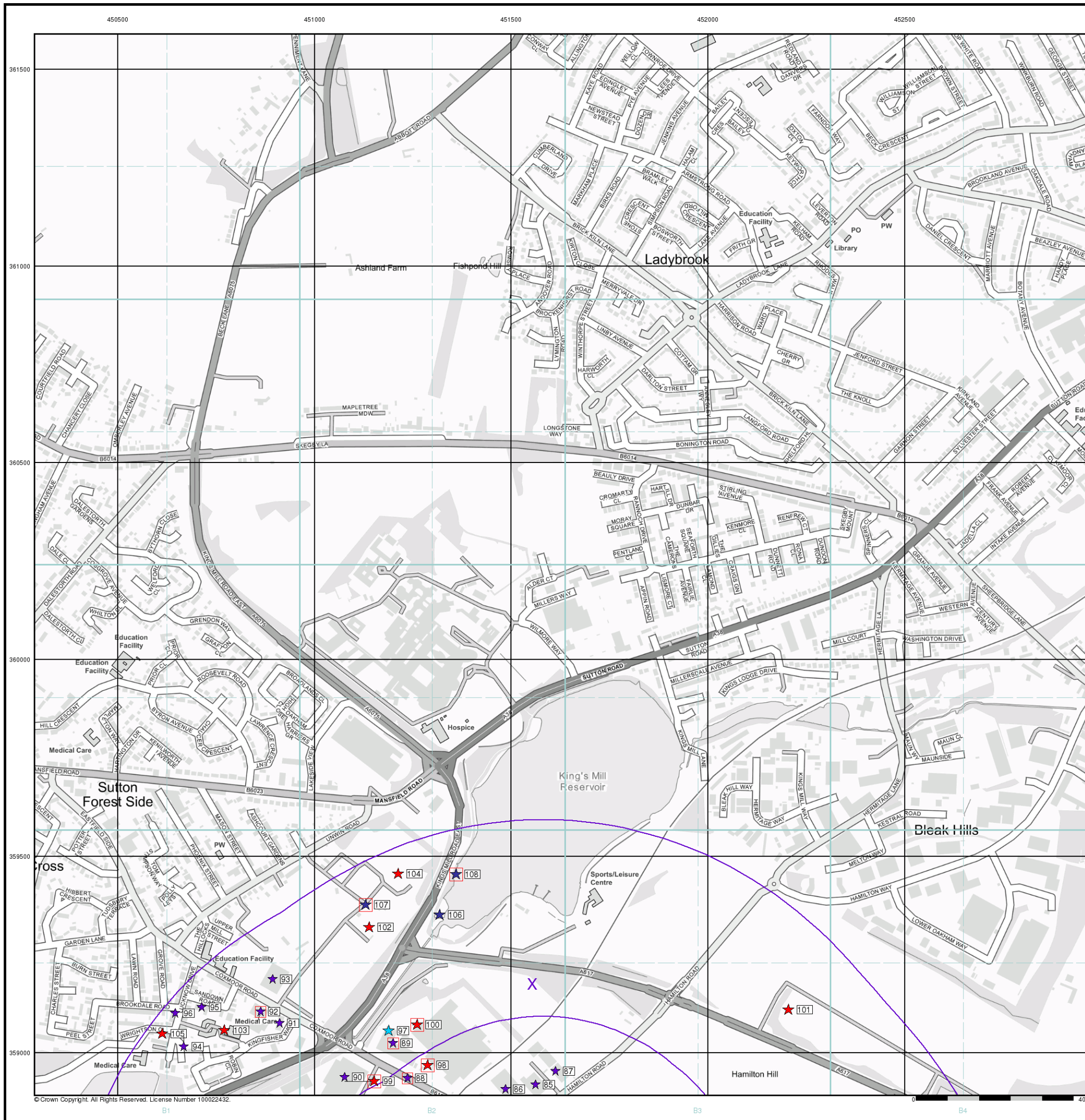


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 Customer Ref: 46924  
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 Slice: B  
 Site Area (Ha): 21.38  
 Search Buffer (m): 1000

### Site Details






Site at 451680, 358260



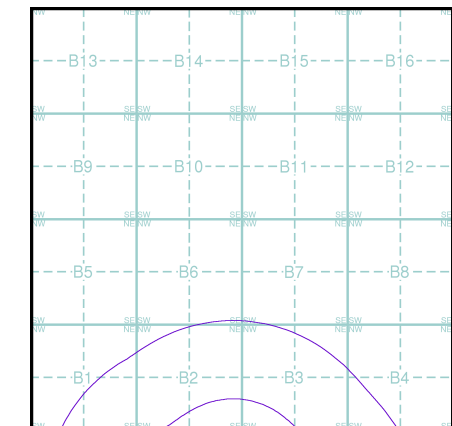
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-  Bearing Reference Point

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-  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





### General

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

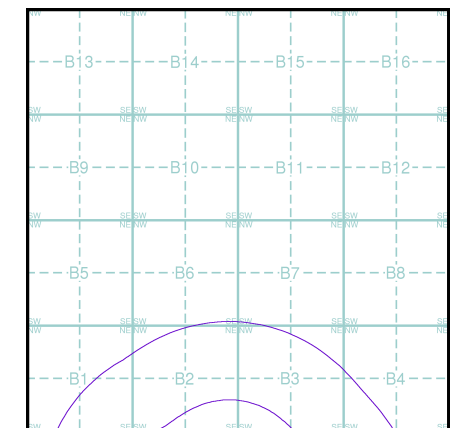
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- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
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For Borehole information please refer to the Borehole .csv file which accompanied this slice.

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### Borehole Map - Slice B

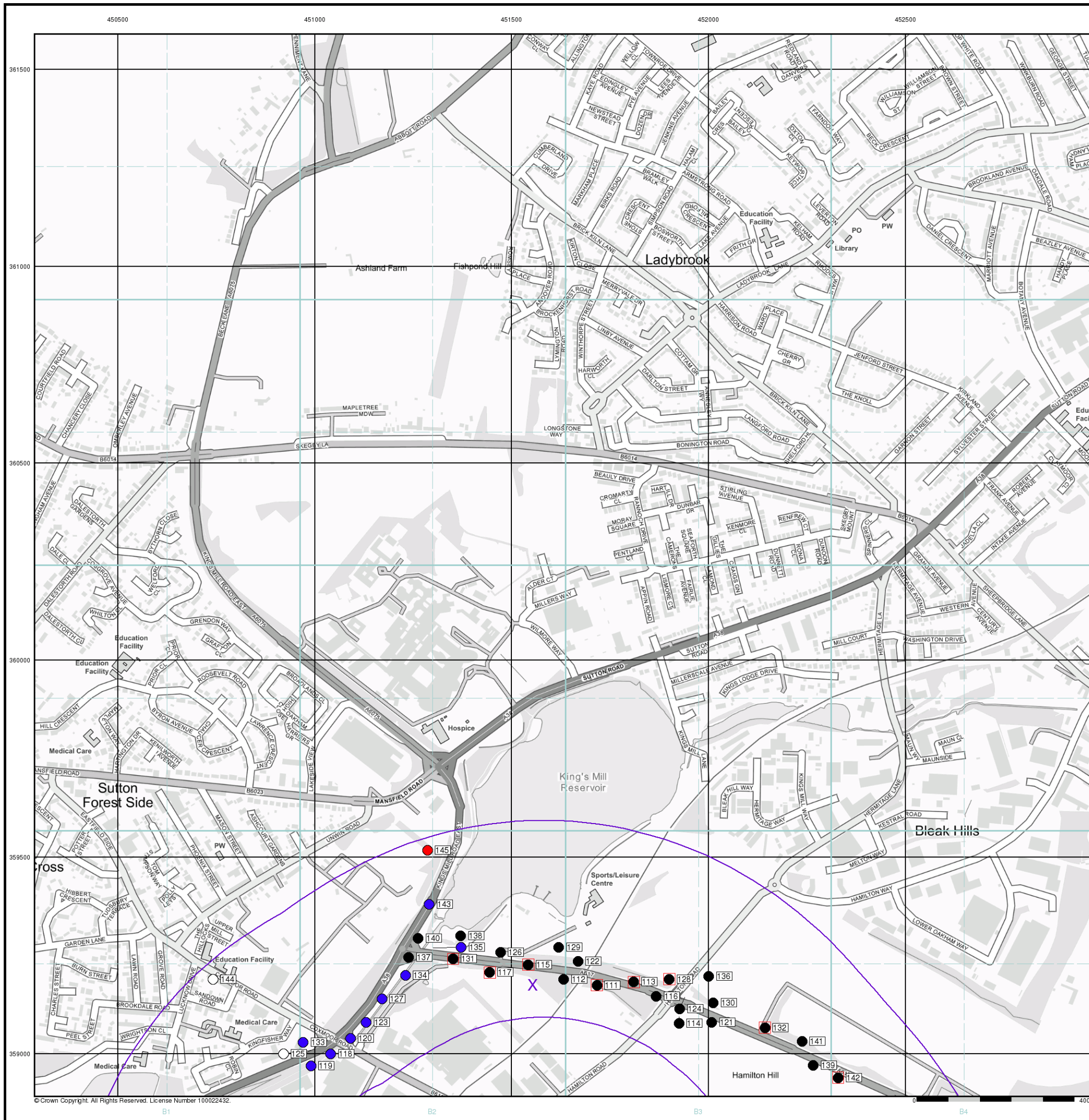


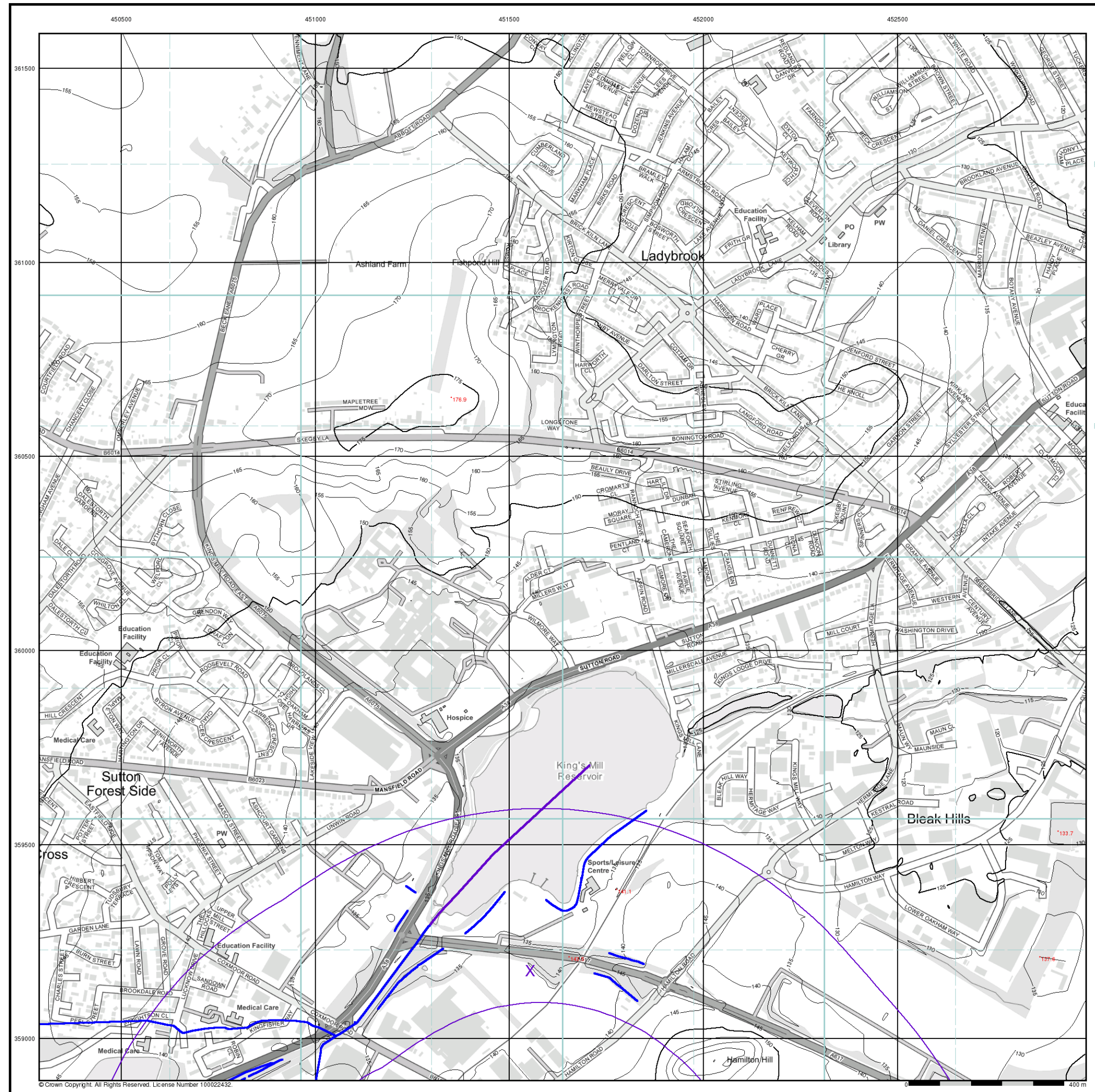
### Order Details

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





# Envirocheck®

LANDMARK INFORMATION GROUP®

### General

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

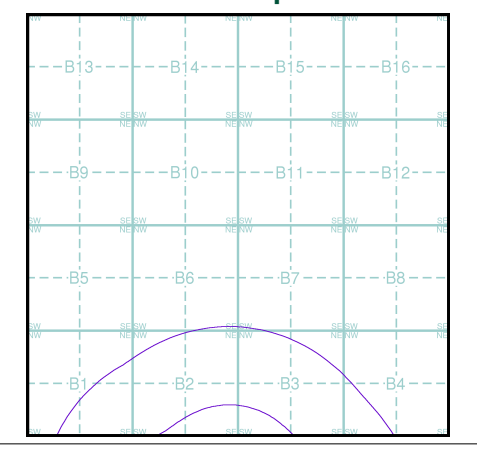
### OS Water Network Data

- |              |                         |
|--------------|-------------------------|
| 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
- Master Contour 100
- Spot Height 167.3
- MLW Mean Low Water
  - MHW Mean High Water

### OS Water Network 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

**Landmark**  
 INFORMATION GROUP

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

### General

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

### Risk of Flooding from Surface Water

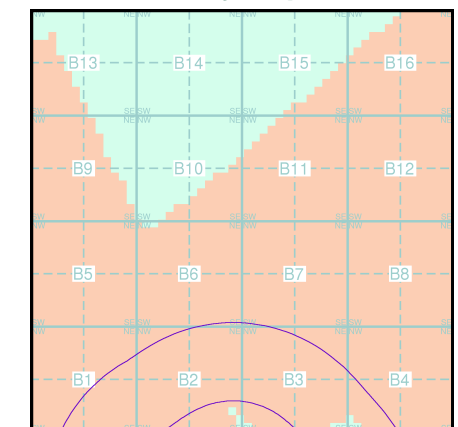
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

### 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

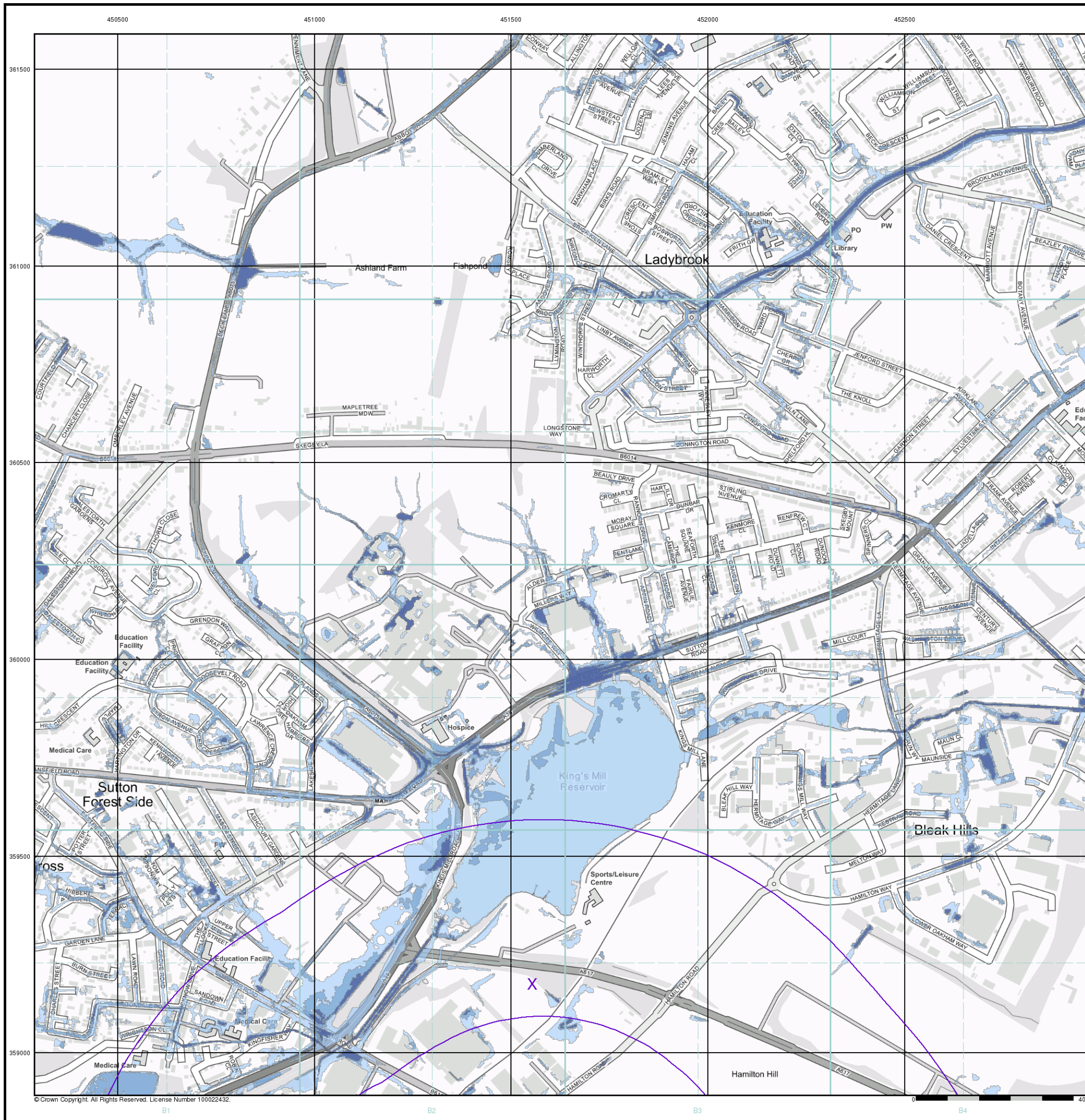


### Order Details

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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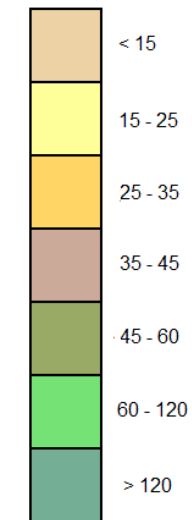
## General

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

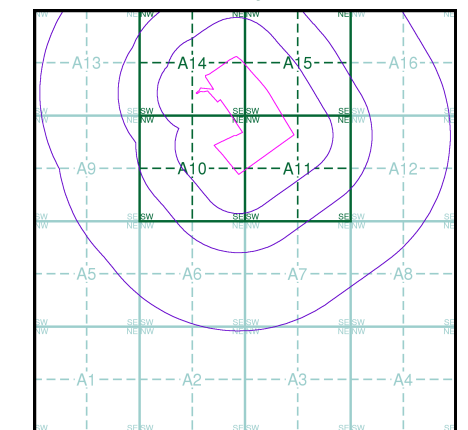
## Urban Soil Chemistry Arsenic

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

Arsenic Concentrations mg/kg



## Urban Soil Chemistry Arsenic - Slice A

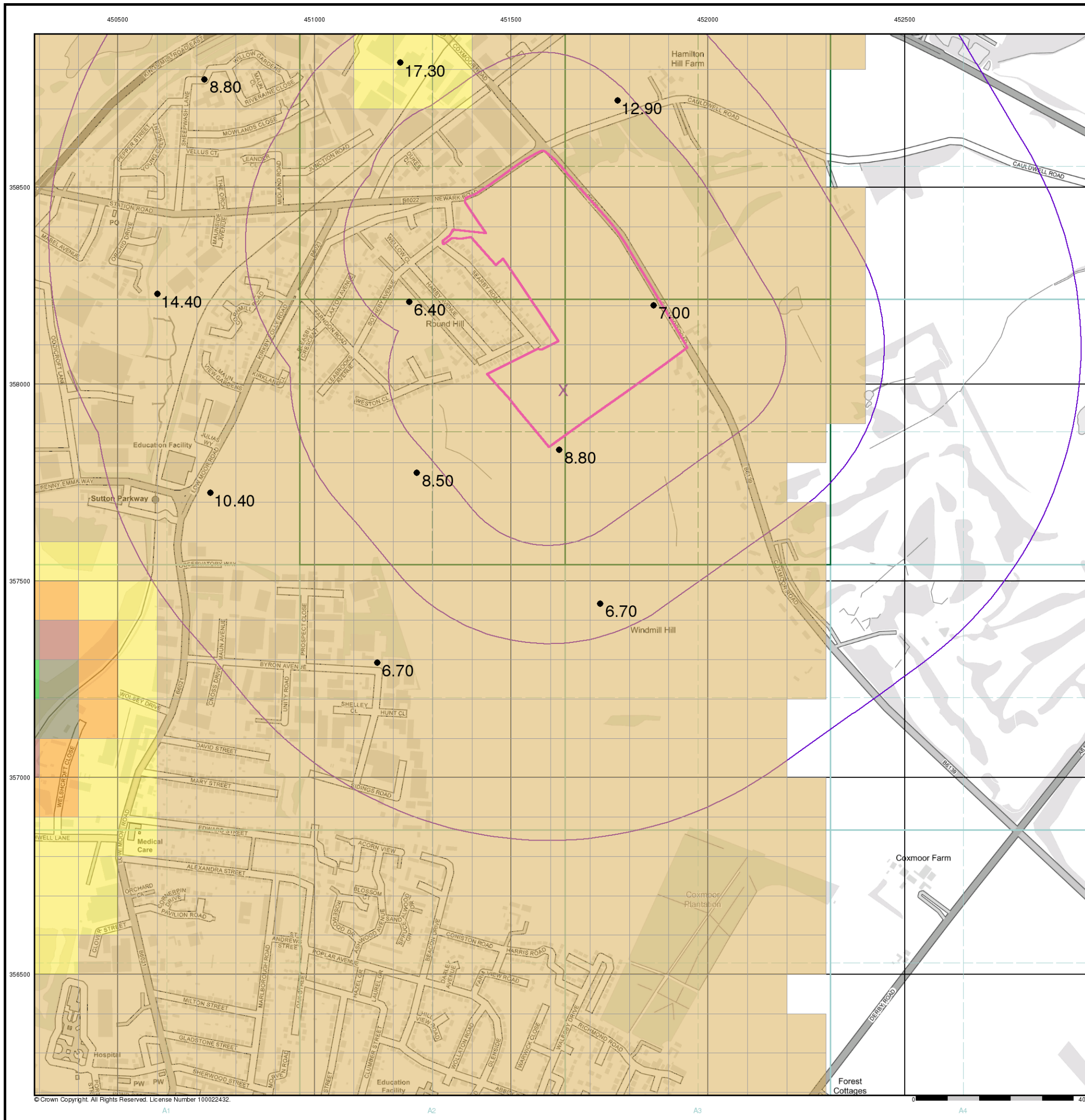


## Order Details

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



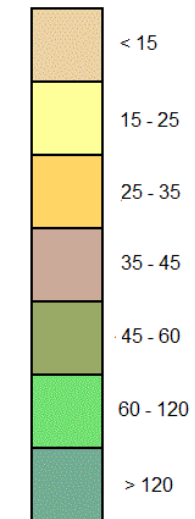
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## General

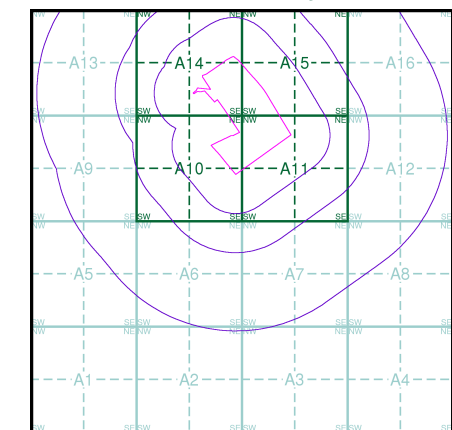
○ Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



## Estimated Soil Chemistry Arsenic - Slice A

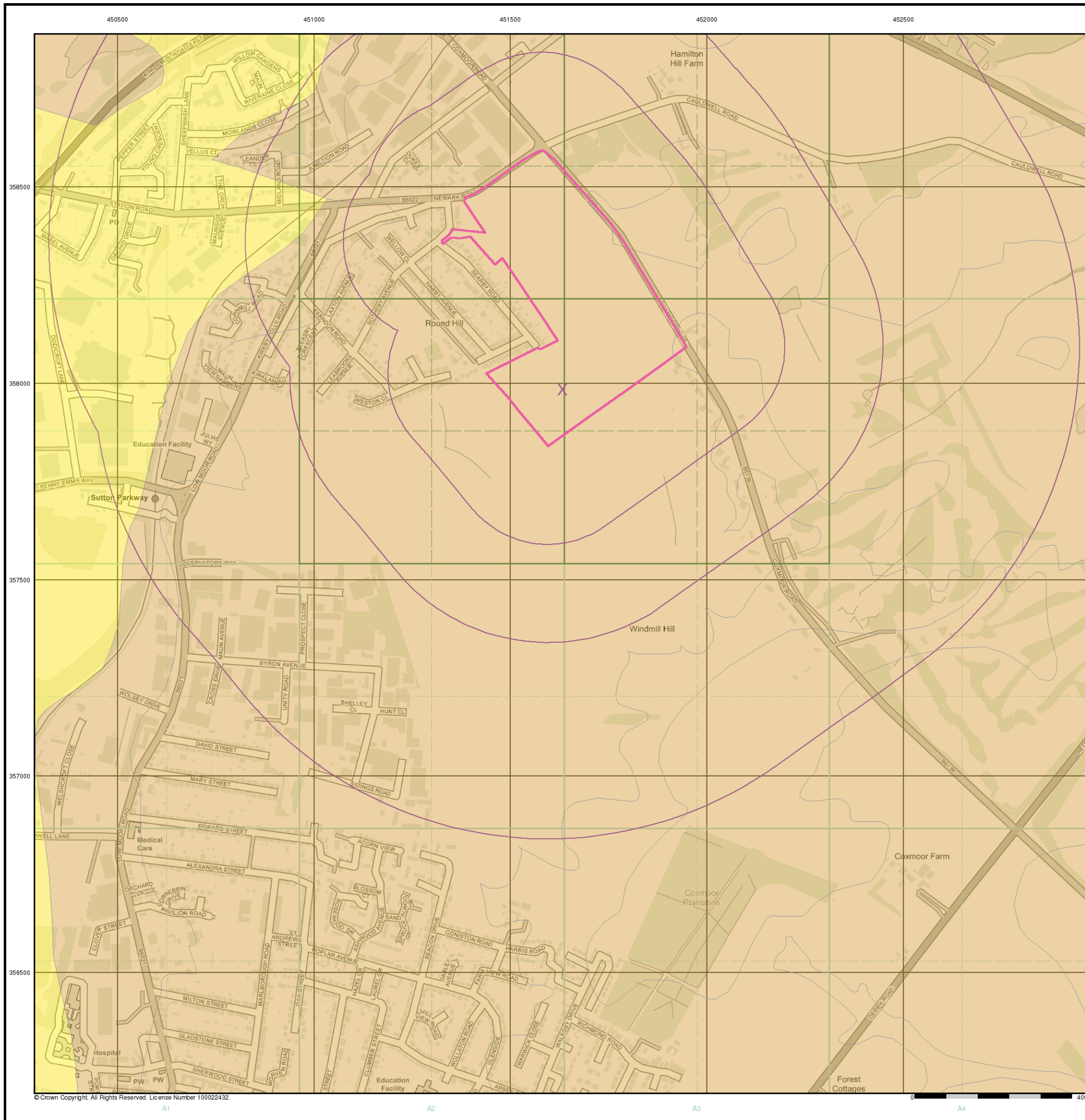


## Order Details

Order Details: 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



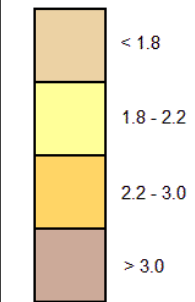
## General

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

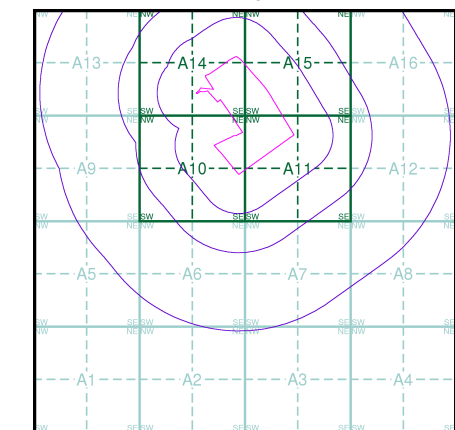
## Urban Soil Chemistry Cadmium

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

Cadmium Concentrations mg/kg



## Urban Soil Chemistry Cadmium - Slice A

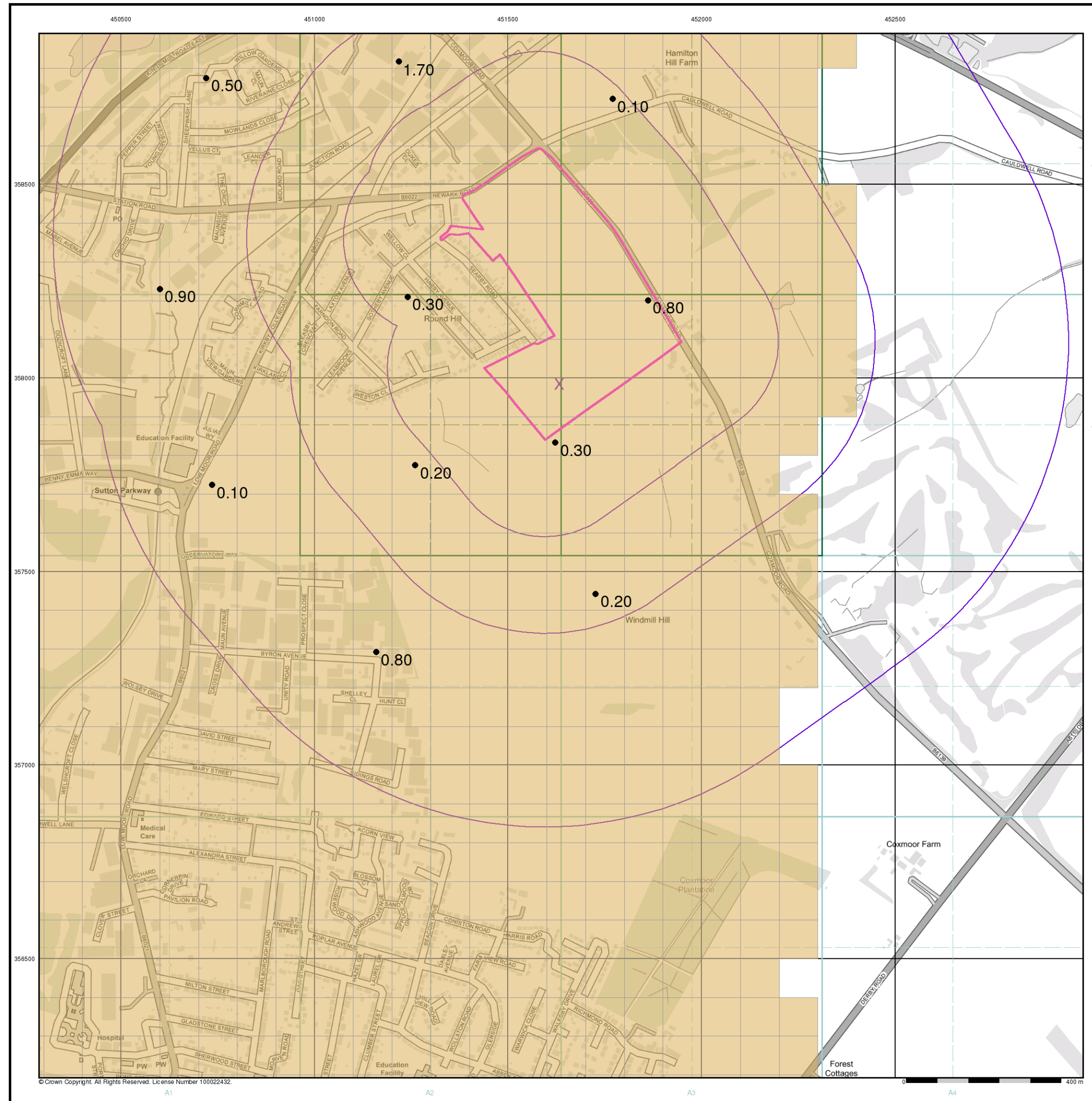


## Order Details

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



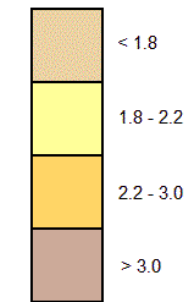
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## General

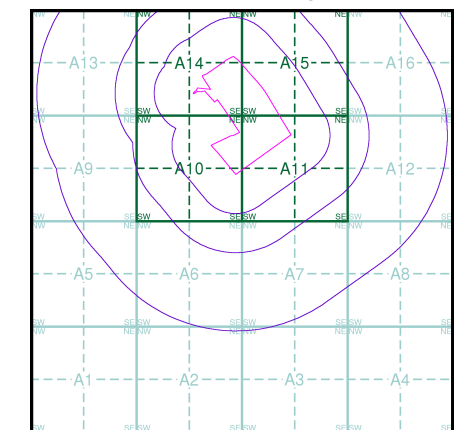
○ Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



## Estimated Soil Chemistry Cadmium - Slice A

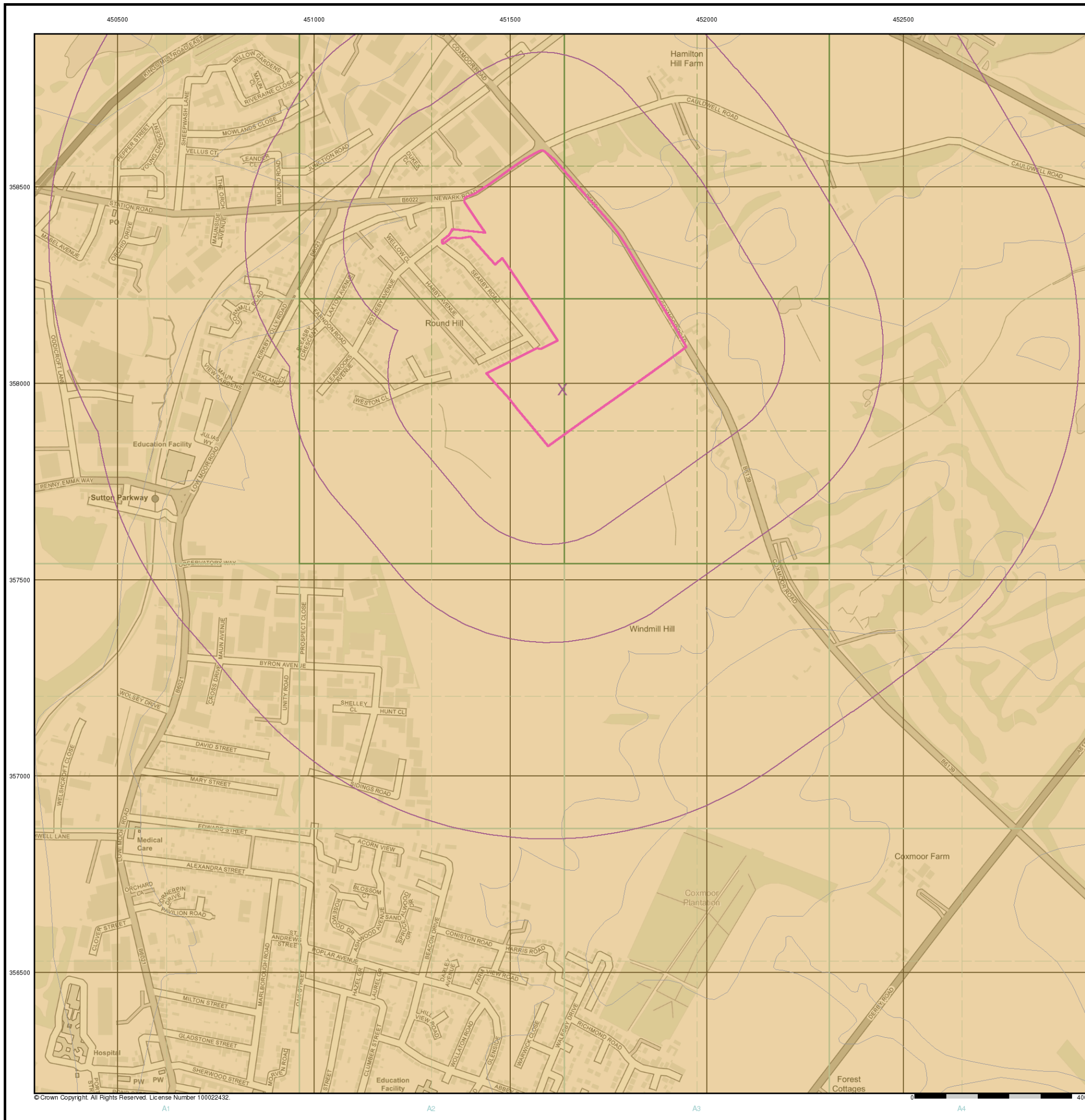


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## Site Details

Site at 451680, 358260



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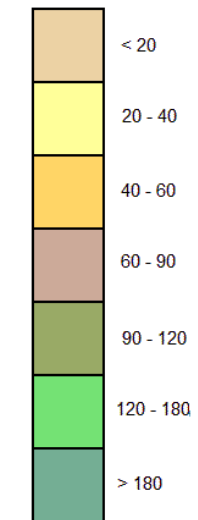
## General

- Specified Site
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- X Bearing Reference Point

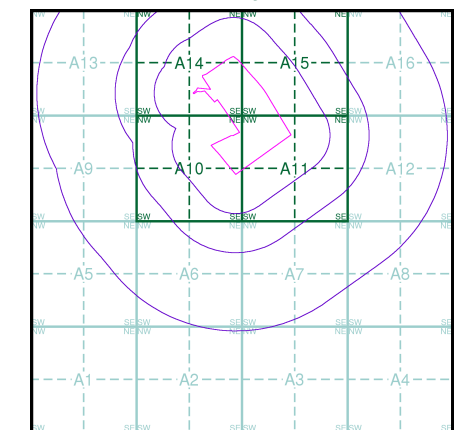
## Urban Soil Chemistry Chromium

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

Chromium Concentrations mg/kg



## Urban Soil Chemistry Chromium - Slice A

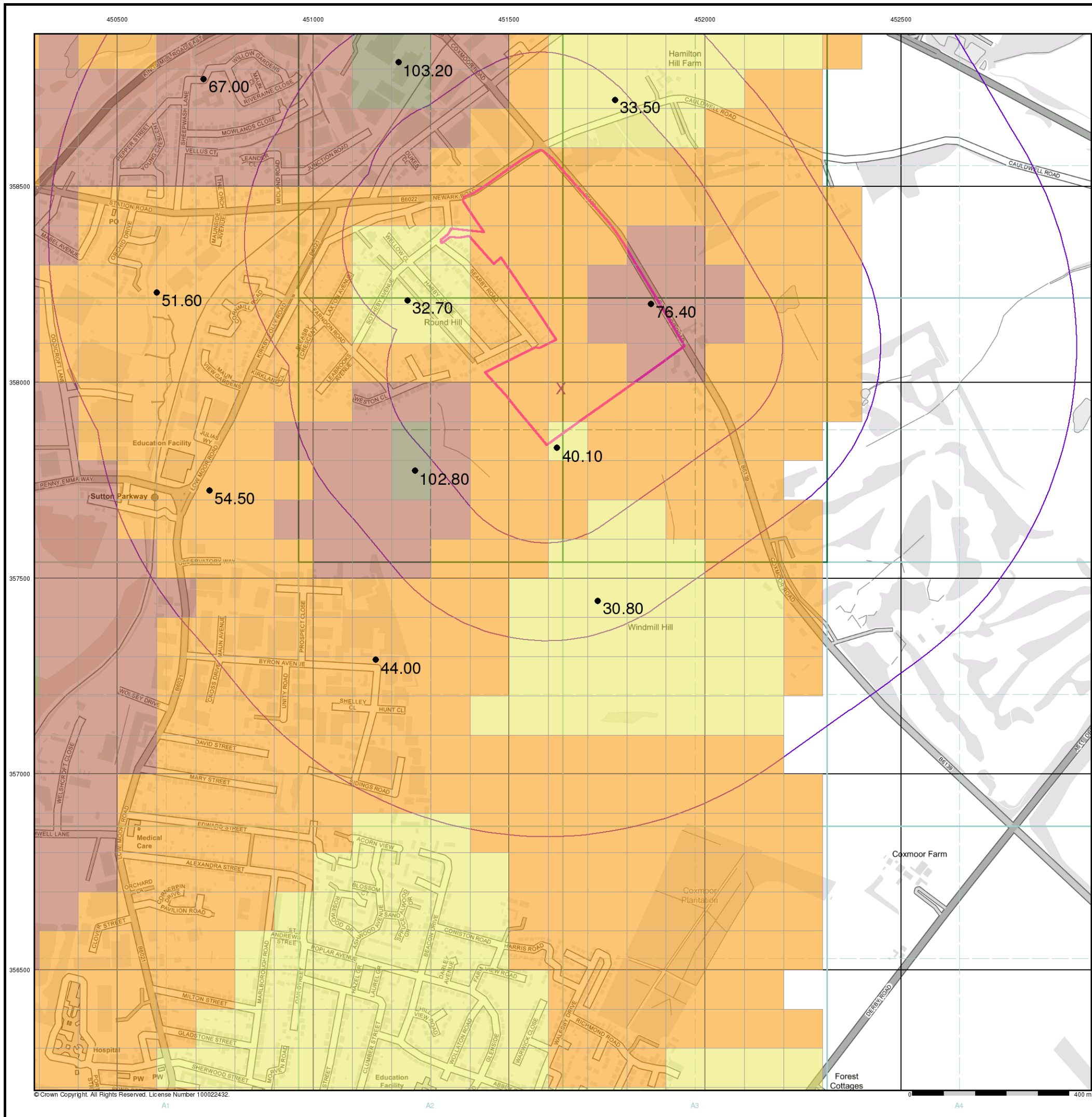


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 Customer Ref: 46924  
 National Grid Reference: 451630, 357990  
 Slice: A  
 Site Area (Ha): 21.38  
 Search buffer (m): 1000

## Site Details

Site at 451680, 358260



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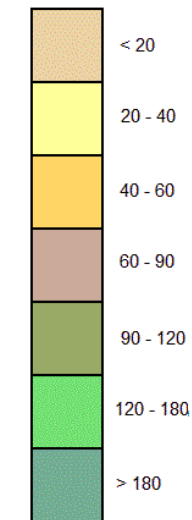


## General

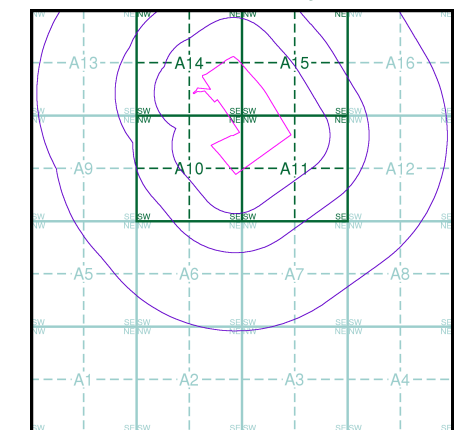
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



## Estimated Soil Chemistry Chromium - Slice A

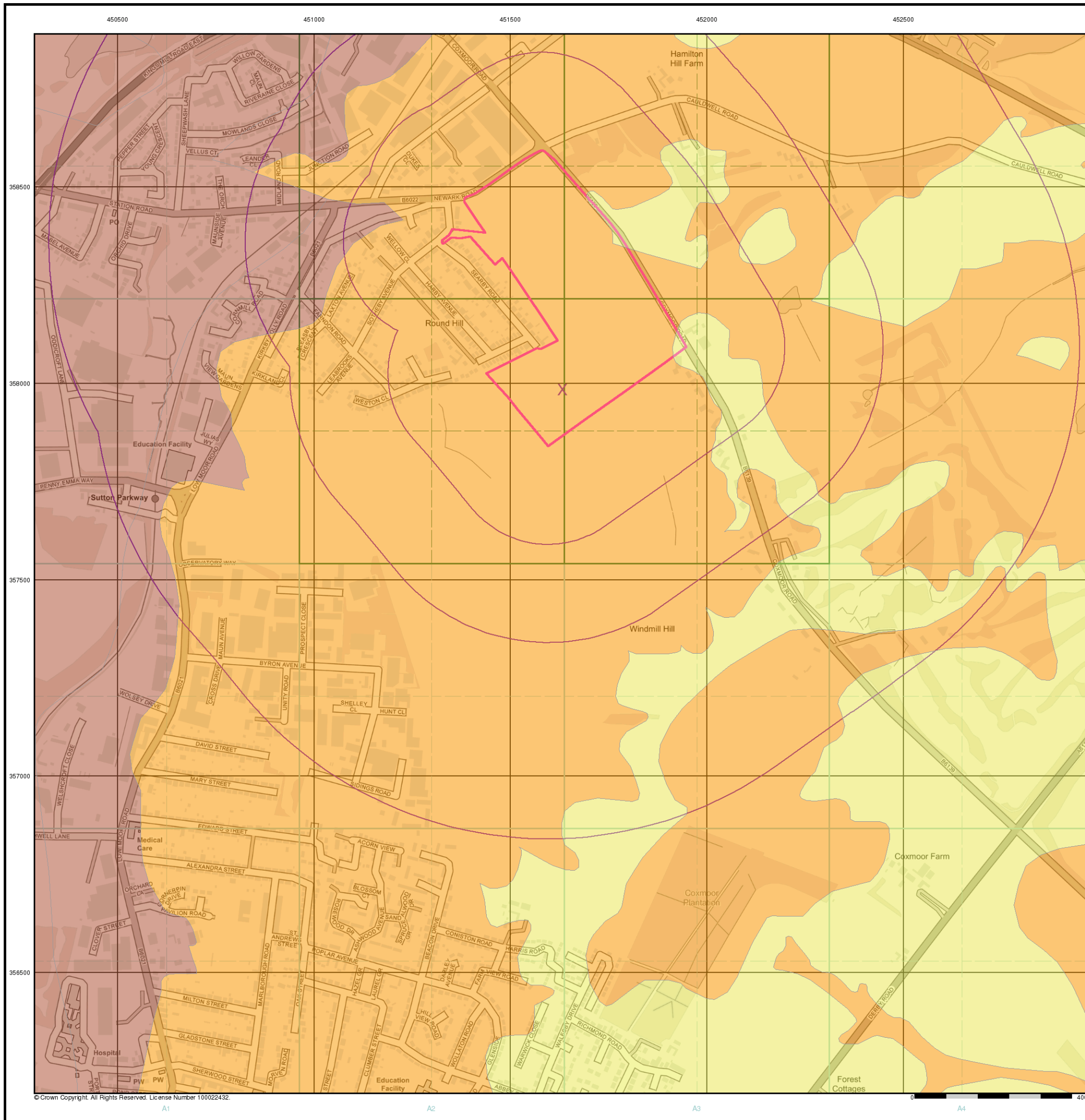


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## Site Details

Site at 451680, 358260



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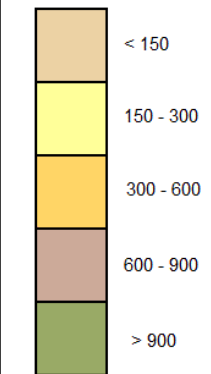
### General

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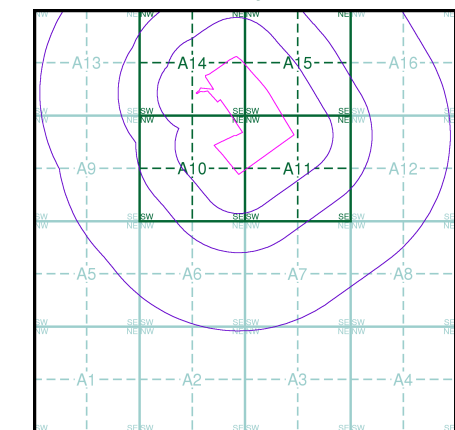
### Urban Soil Chemistry Lead

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

Lead Concentrations mg/kg



### Urban Soil Chemistry Lead - Slice A

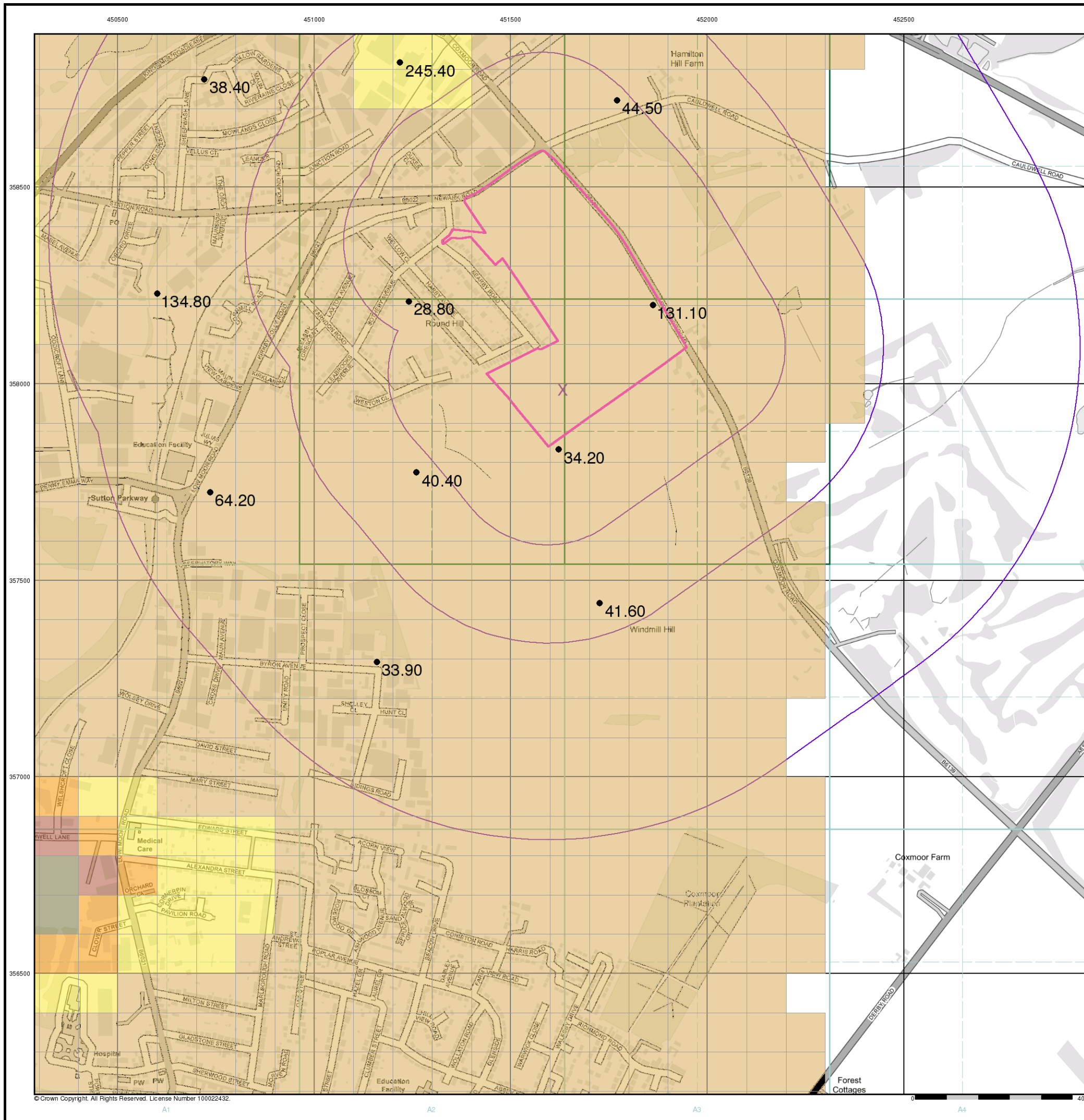


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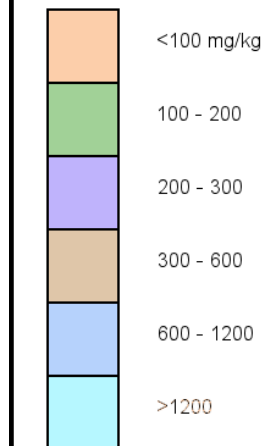
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## General

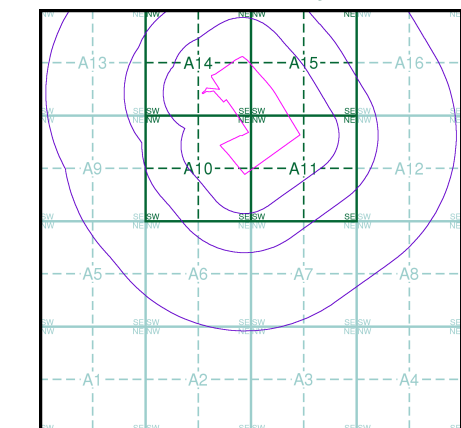
- Specified Site
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## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



## Estimated Soil Chemistry Lead - Slice A

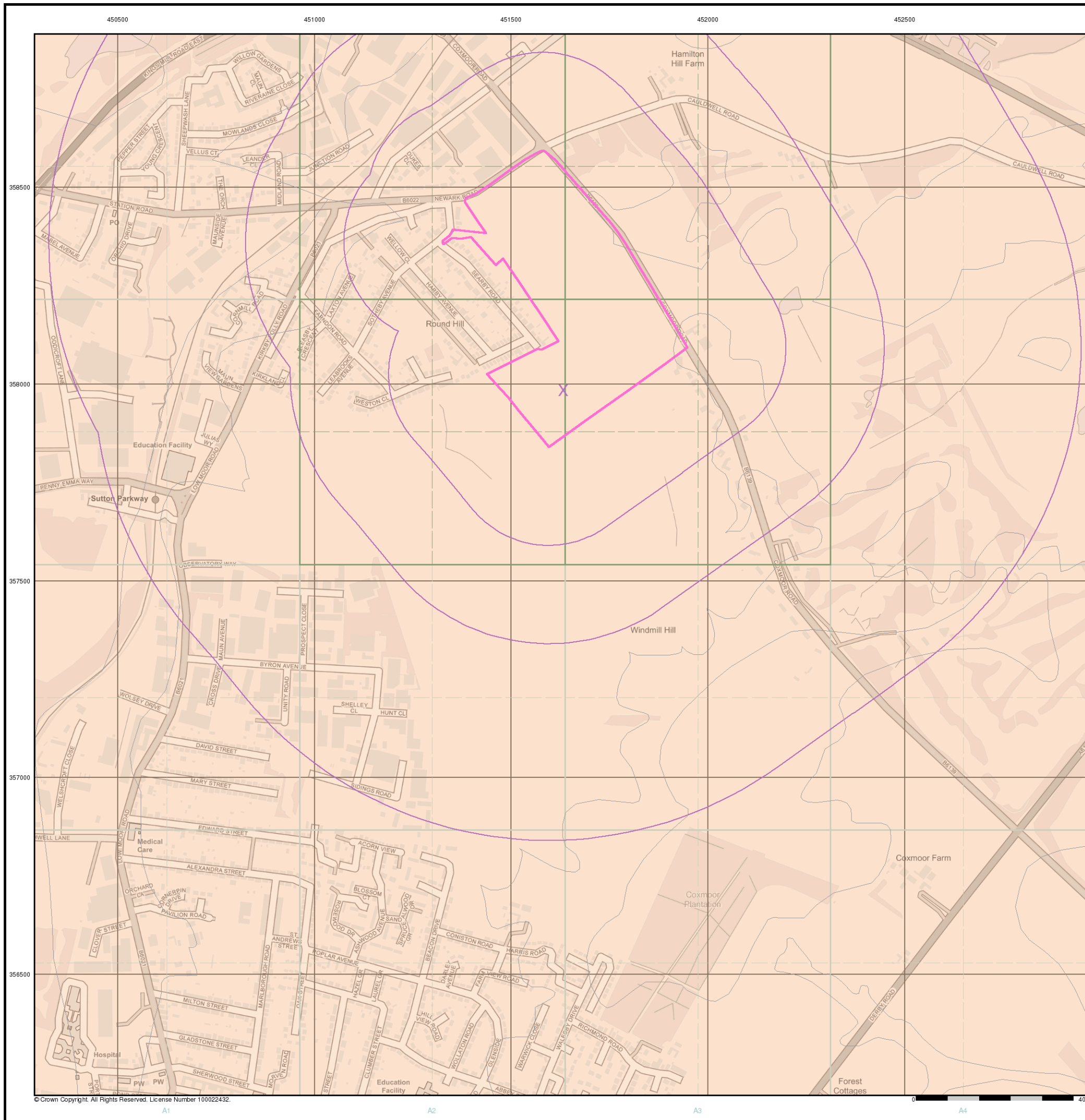


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## Site Details

Site at 451680, 358260



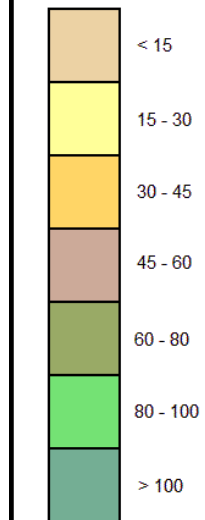
### General

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

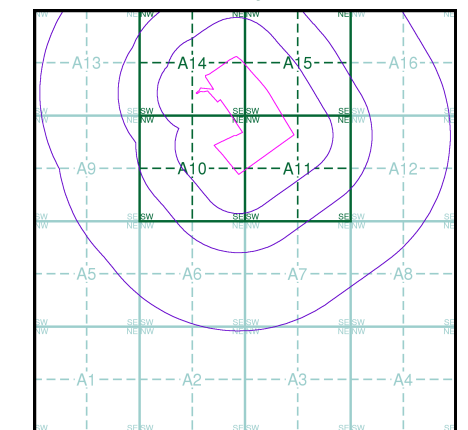
### Urban Soil Chemistry Nickel

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

Nickel Concentrations mg/kg



### Urban Soil Chemistry Nickel - Slice A

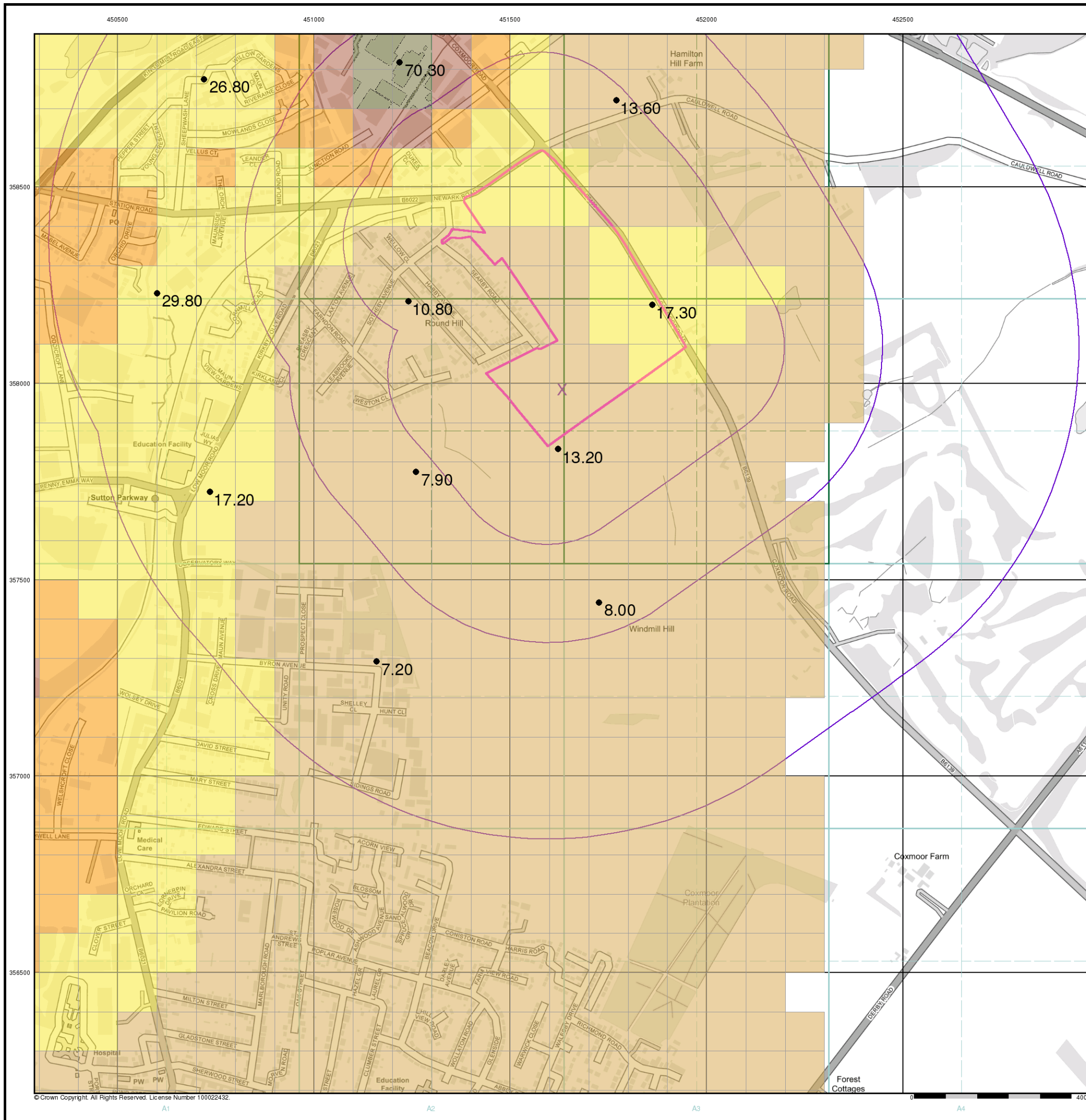


### Order Details

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



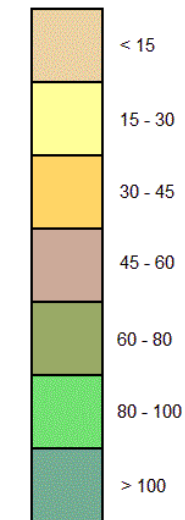
© Crown Copyright. All Rights Reserved. License Number 100022432.

## General

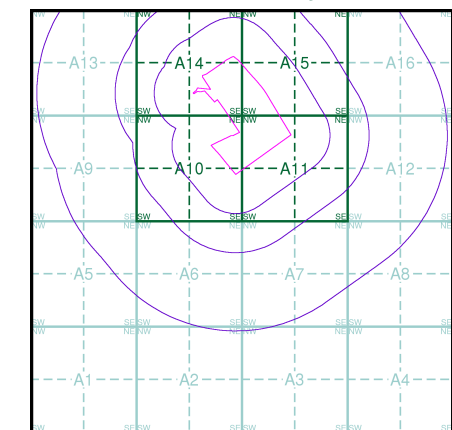
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



## Estimated Soil Chemistry Nickel - Slice A

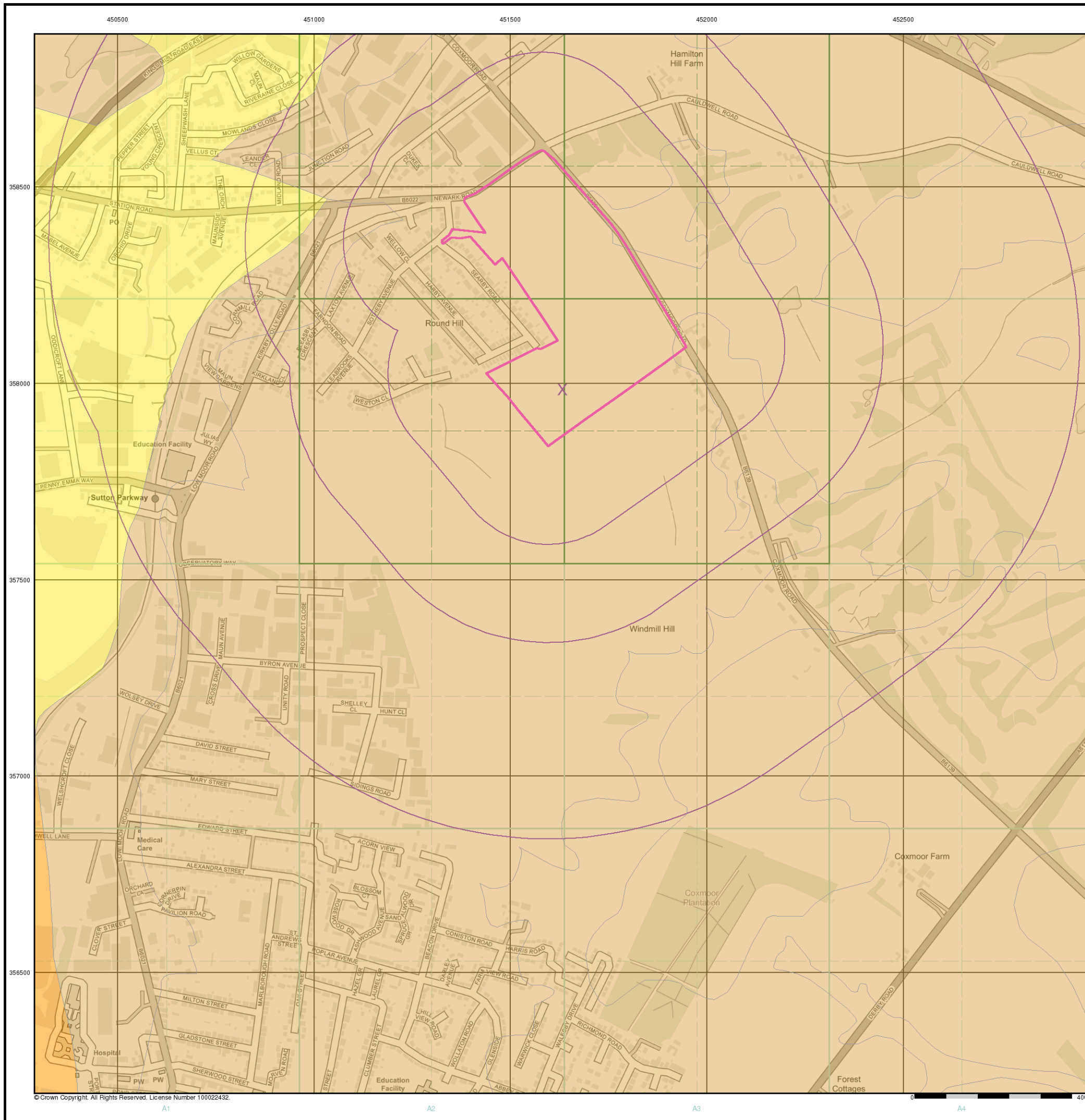


## Order Details

Order Details: 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









## Groundwater Vulnerability

### General







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



### Agency and Hydrological

#### Bedrock Aquifers

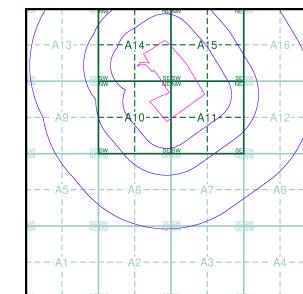
-  High Vulnerability, Principal Aquifer
-  High Vulnerability, Secondary Aquifer
-  Medium Vulnerability, Principal Aquifer
-  Medium Vulnerability, Secondary Aquifer
-  Low Vulnerability, Principal Aquifer
-  Low Vulnerability, Secondary Aquifer

#### Superficial Aquifers

-  High Vulnerability, Principal Aquifer
-  High Vulnerability, Secondary Aquifer
-  Medium Vulnerability, Principal Aquifer
-  Medium Vulnerability, Secondary Aquifer
-  Low Vulnerability, Principal Aquifer
-  Low Vulnerability, Secondary Aquifer

-  Unproductive Aquifer
-  Soluble Rock

### 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

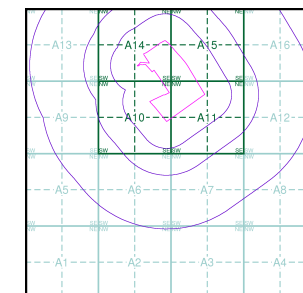
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

### 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

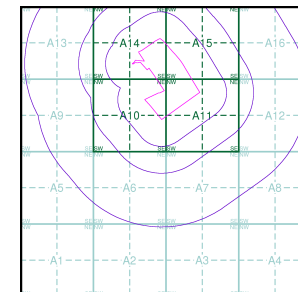
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

### 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

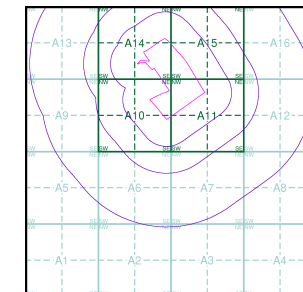
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice 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

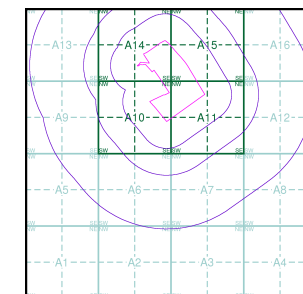
### General

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

### Sensitive Land Uses

-  Ancient Woodland
-  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: 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

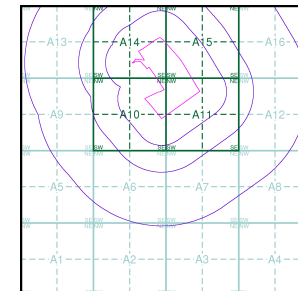
### General

-  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

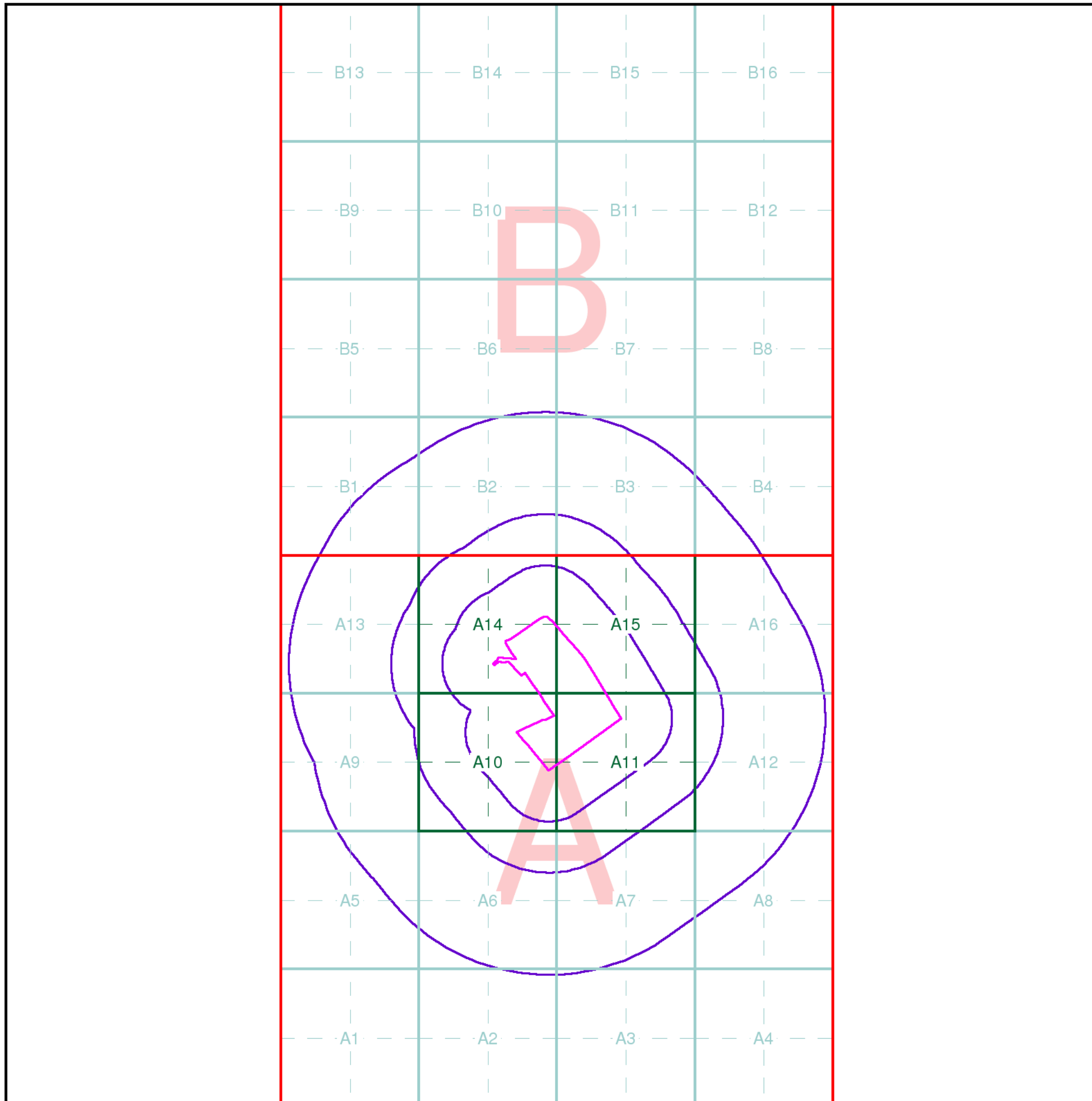
## Order Details

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>





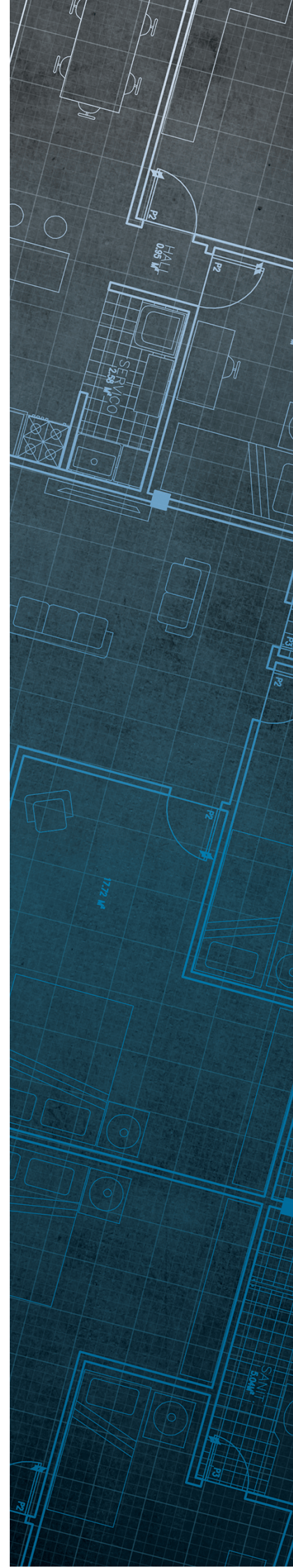
The Coal  
Authority

# 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

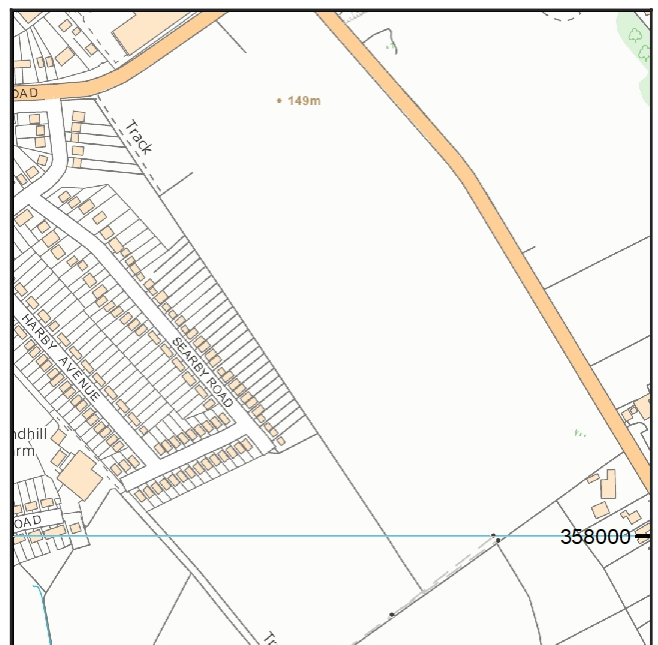
[www.groundstability.com](http://www.groundstability.com)

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Ordnance Survey Licence number: 100020315

# 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](mailto: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](mailto: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**

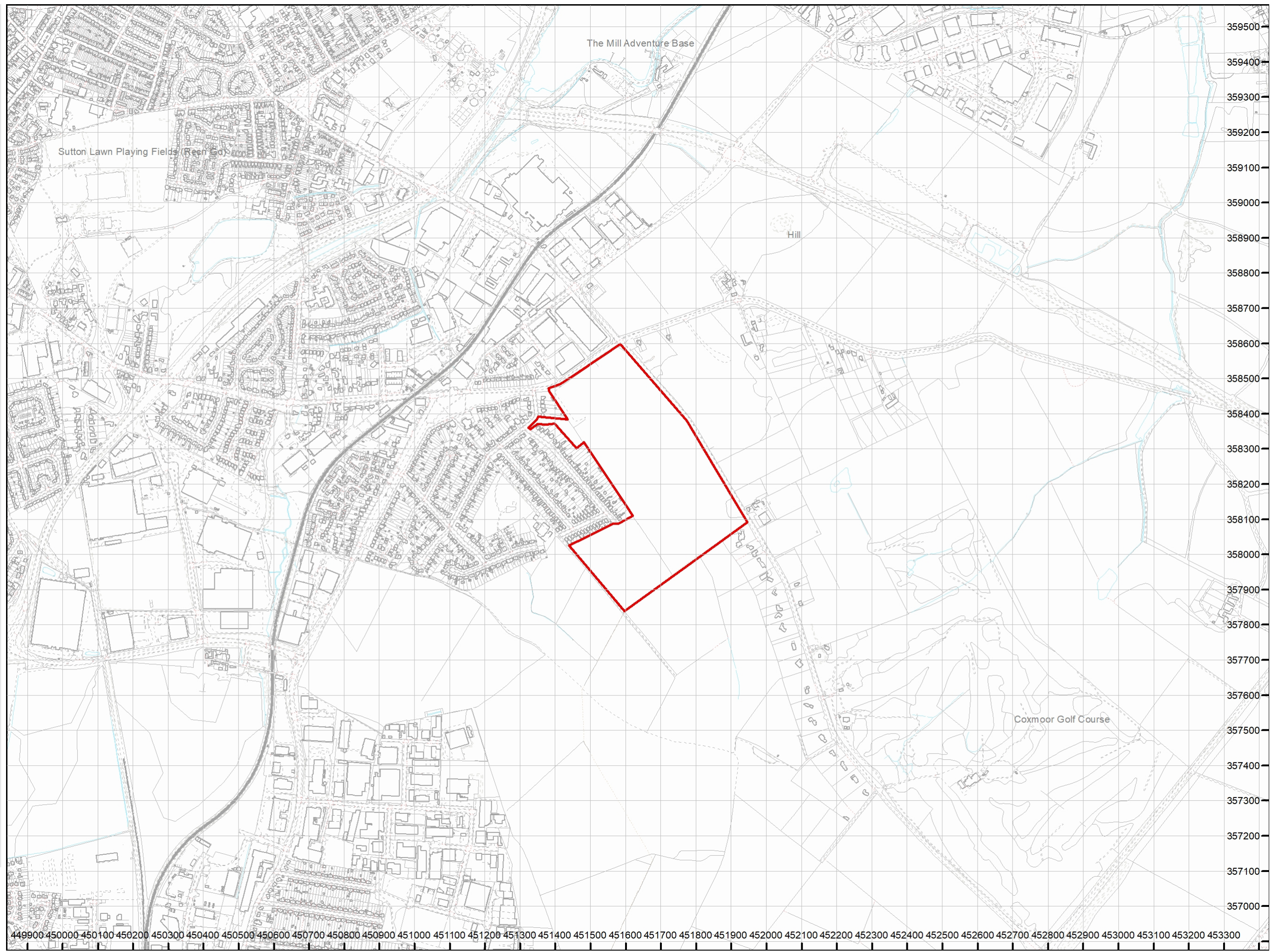
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

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](http://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

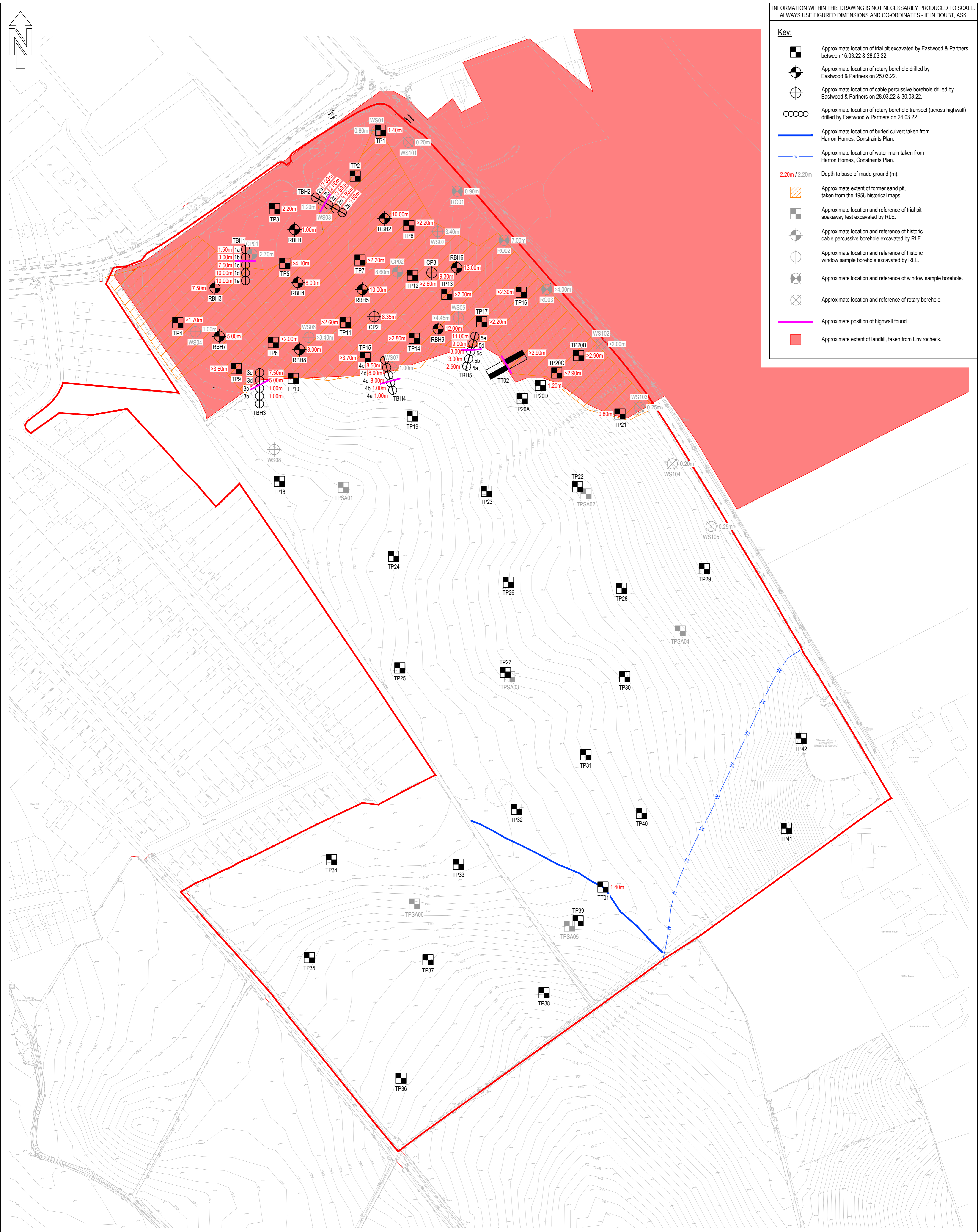
Rotary Borehole Transect Logs, TBH1 to TBH5

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

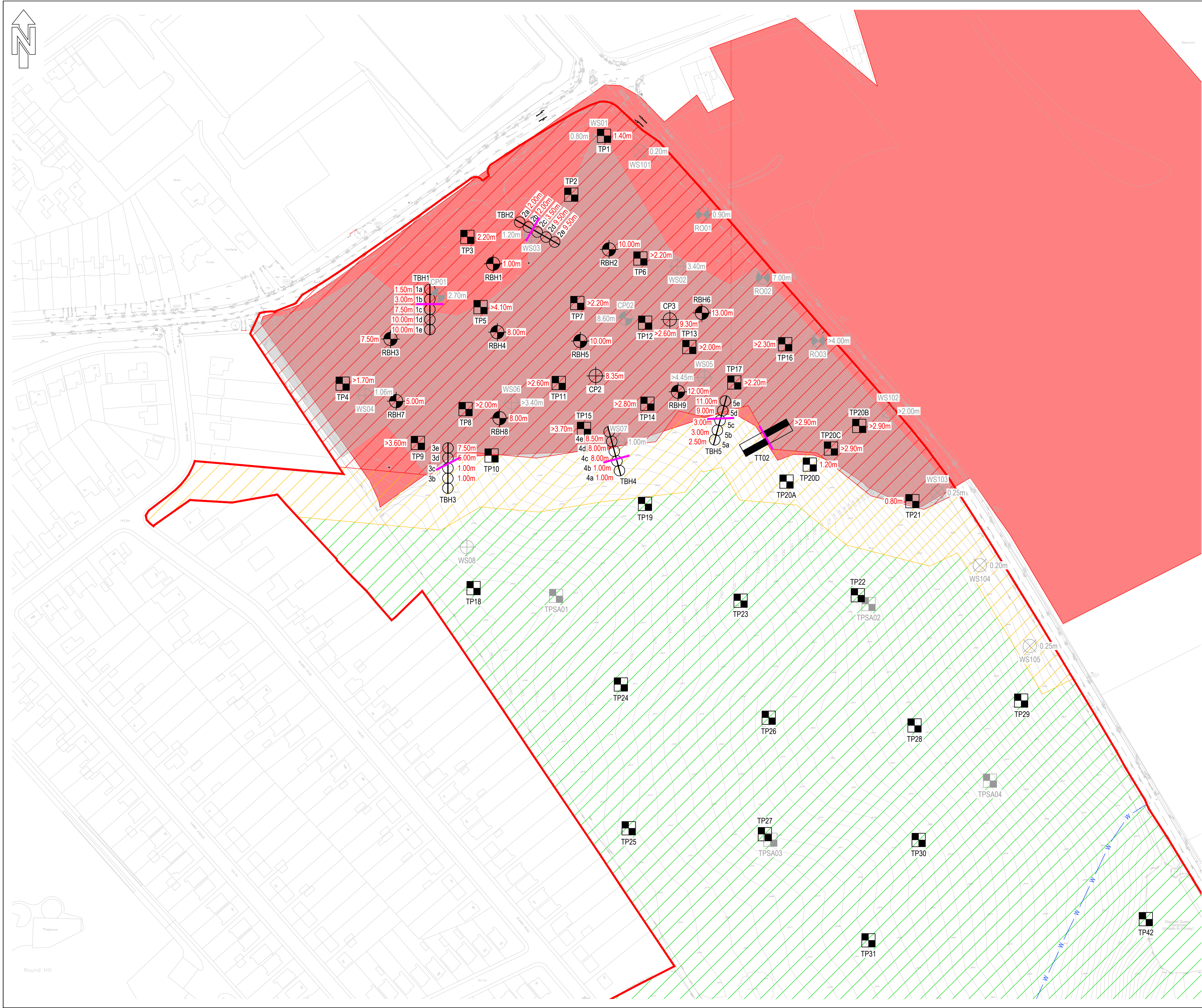
St. Andrew's House  
23 Kingfield Road  
Sheffield  
S11 9AS  
Tel 0114 255 4554  
Fax 0114 255 4330

mail@eastwoodandpartners.com  
www.eastwoodandpartners.com

SCALE WHEN PLOTTED AT A1  
1:1250

DRAWING STATUS  
**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**  
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SCALE WHEN PLOTTED AT A1		DRAWING STATUS	
1:1000		INFORMATION	
DRAWN	CHECKED	DATE	DRAWING NUMBER
JL	KE	06.05.22	46924/005
REV			A

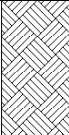
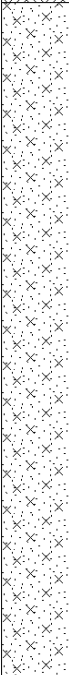
Project Name Newark Road		Project No. 46924	Co-ords: 451580.81 - 358574.11 Level: 155.50	Date 16/03/2022
Location: Sutton-in-Ashfield			Dimensions: 2.00m Depth: 2.80m	Scale 1:25
Client: Harron Homes Limited				Logged

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		Weak red brown weathered SANDSTONE [Lenton Sandstone Formation].
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.

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.
0.60	ES					Red brown silty fine to medium SAND [weathered Lenton Sandstone Formation].
1.80	ES		2.70 2.80	153.17 153.07		Weak red brown weathered SANDSTONE [Lenton Sandstone Formation].
2.40	ES					Trialpit Complete at 2.800m

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


Stability: Stable.




Project Name Newark Road	Project No. 46924	Co-ords: 451504.28 - 358517.46 Level: 155.50	Date 16/03/2022
Location: Sutton-in-Ashfield		Dimensions: 2.00m	Scale 1:25
Client: Harron Homes Limited		Depth: 4.20m	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].
1.70	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.
2.80	ES		2.20	153.30		Red brown fine to medium SAND [weathered Lenton Sandstone Formation].
			4.10	151.40		Weak red brown weathered SANDSTONE [Lenton Sandstone Formation].
			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.

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].
1.20 1.30	ES ES		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.
			1.50	150.50		MADE GROUND: Grey concrete slab. Recovered as grey silty GRAVEL of angular fine to coarse concrete.
			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.