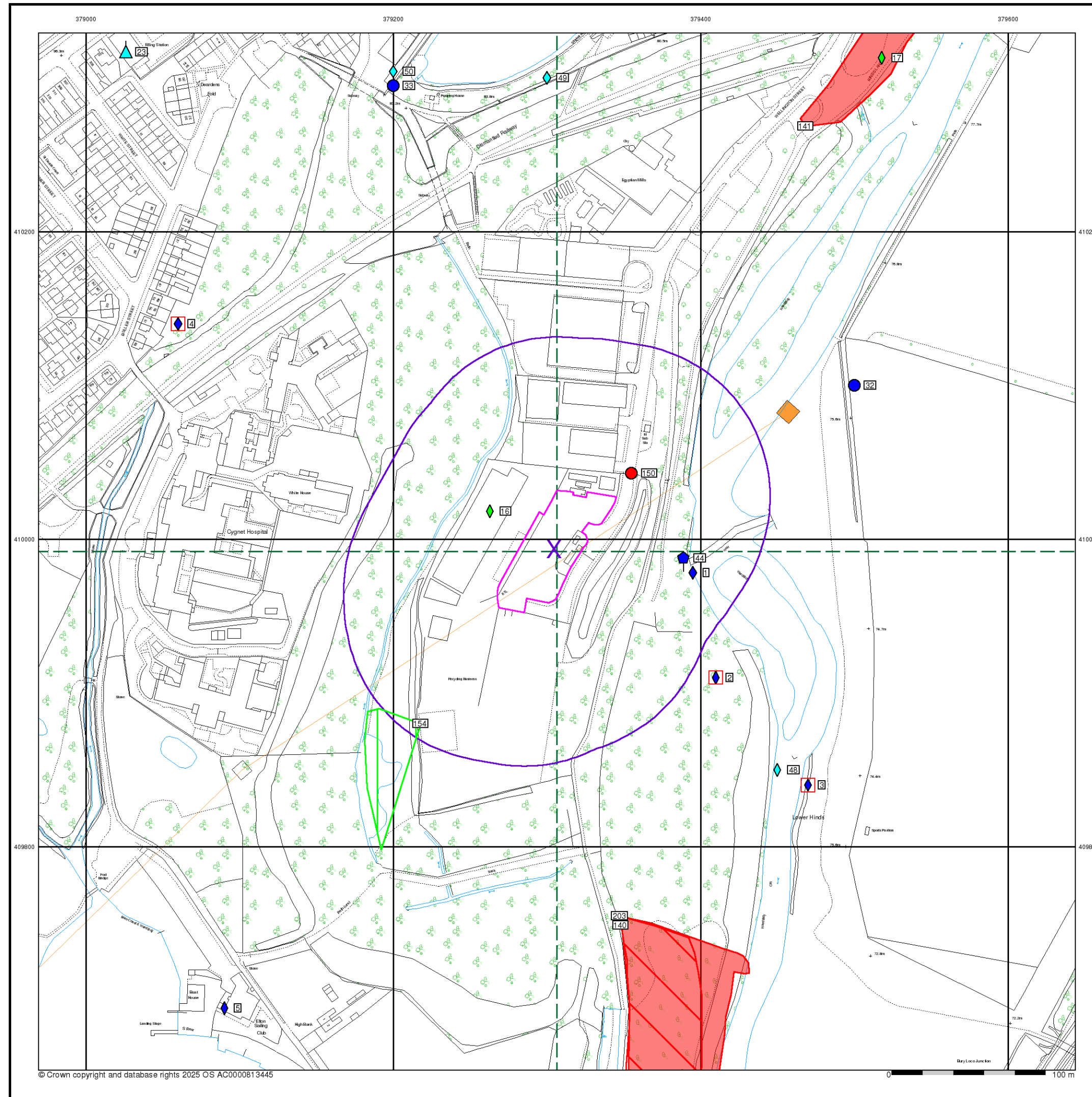




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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

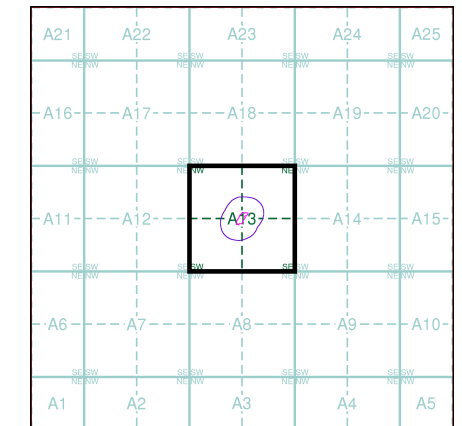
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement
- BGS Recorded Mineral Site

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

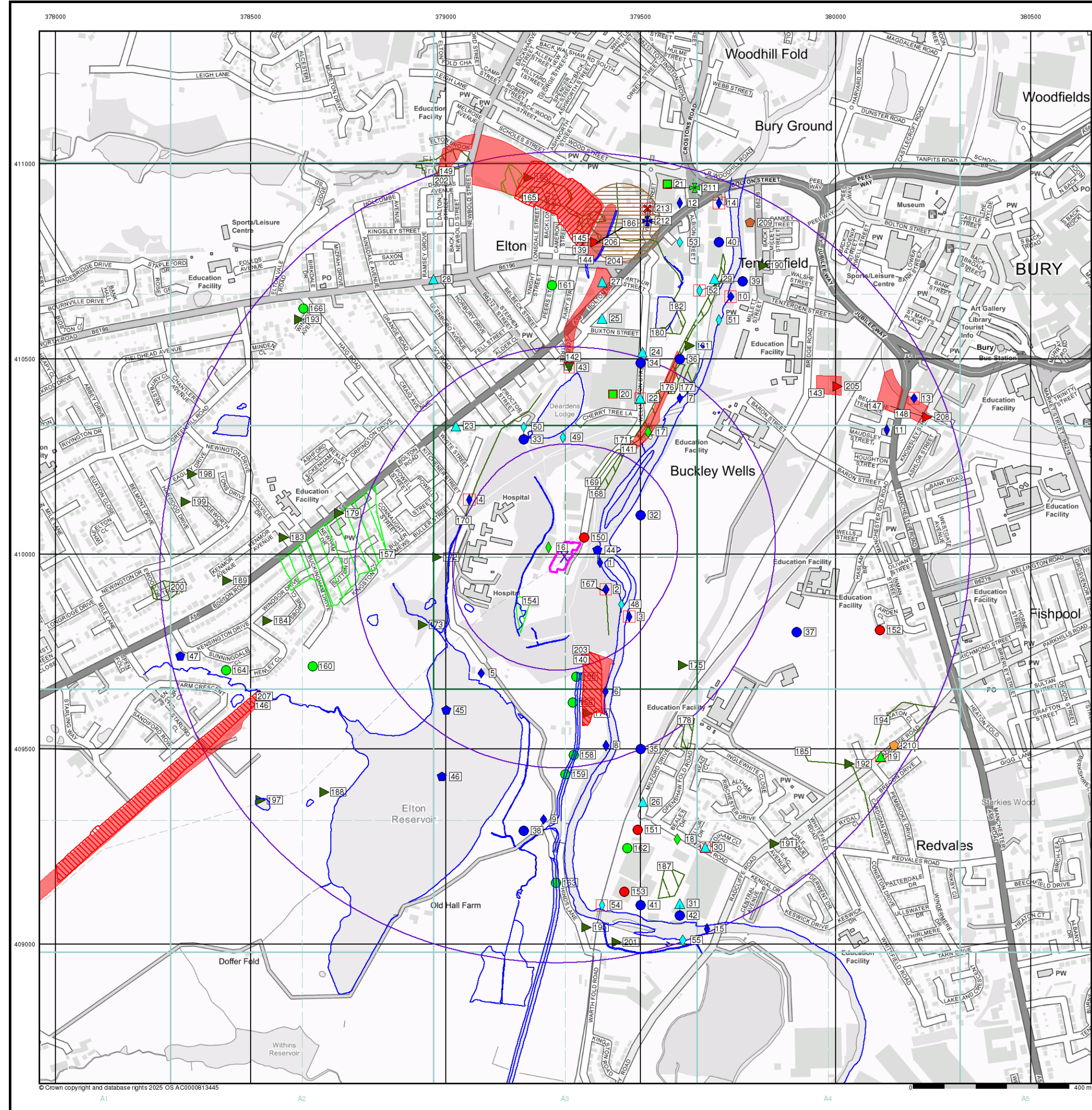


Order Details

Order Number: 369146726_1_1
Customer Ref: ZZ25045
National Grid Reference: 379300, 409990
Slice: A
Site Area (Ha): 0.3
Plot Buffer (m): 100

Site Details

Wellington Street, Bury, BL8 2BD



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Envirocheck®

LANDMARK INFORMATION GROUP®

- General**

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

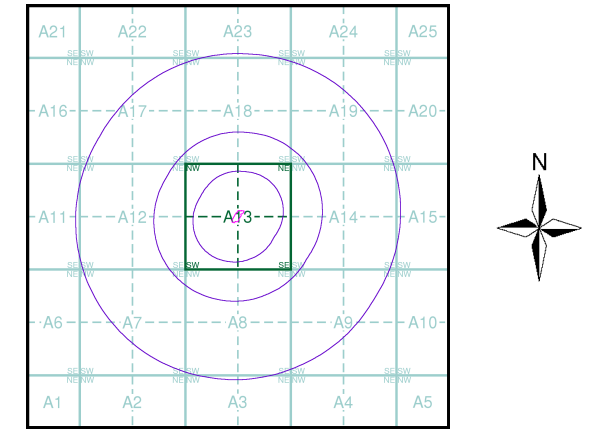
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Historical Prosecutions
 - Prosecutions
 - Registered Radioactive Substance
 - River Network or Water Feature
 - 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)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**

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

 - BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



Order Details

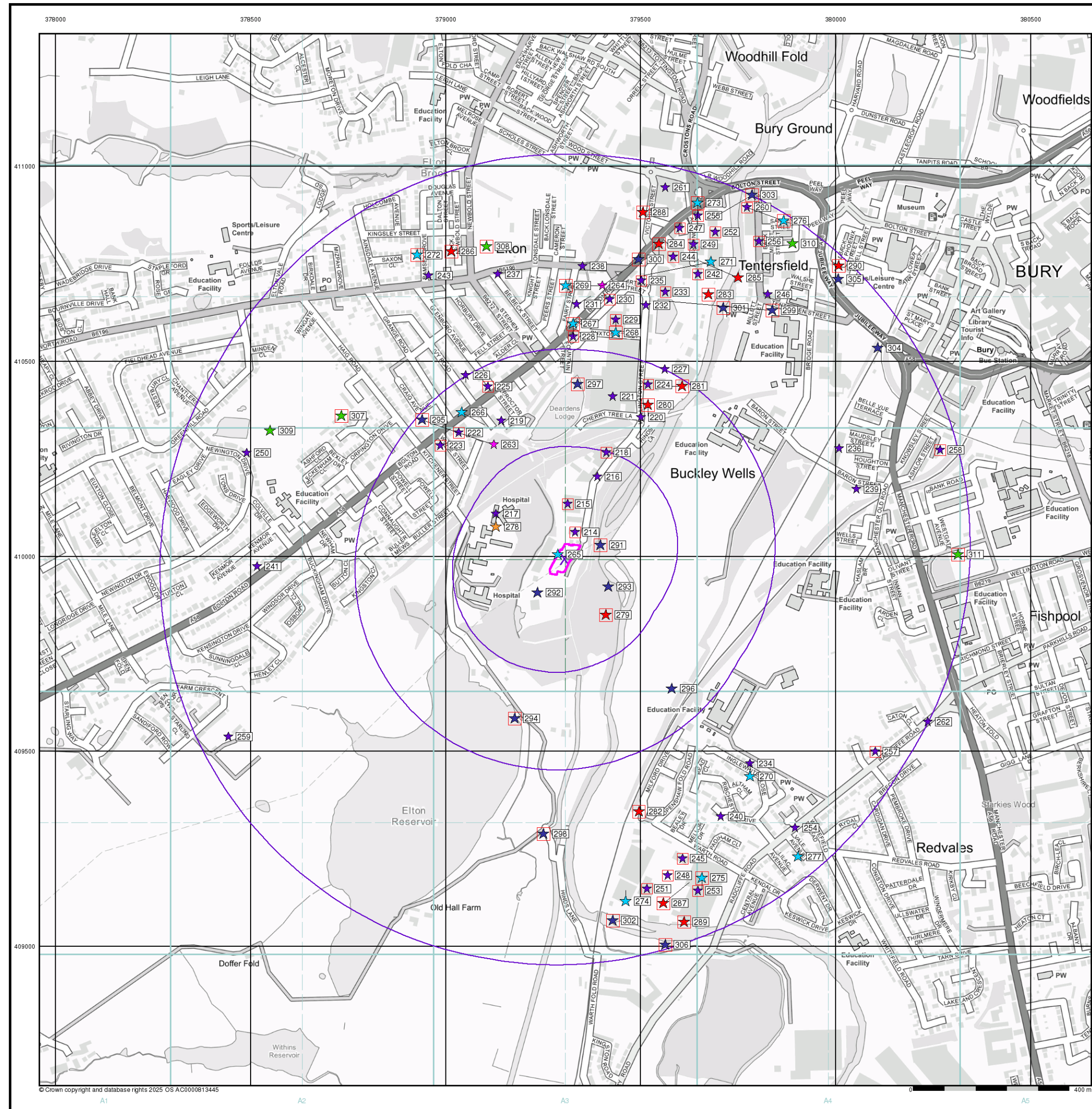
Order Number: 369146726_1_1
Customer Ref: ZZ25045
National Grid Reference: 379300, 409990
Slice: A
Site Area (Ha): 0.3
Search Buffer (m): 1000

Site Details

Wellington Street, Bury, BL8 2BD

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INFORMATION GROUP

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



Industrial Land Use Map

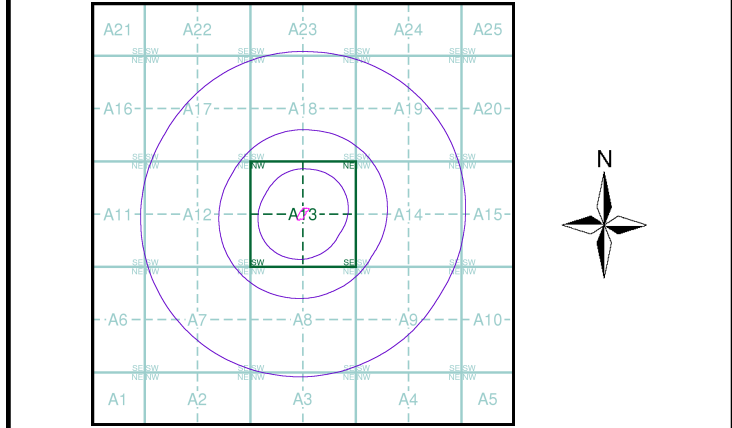
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A

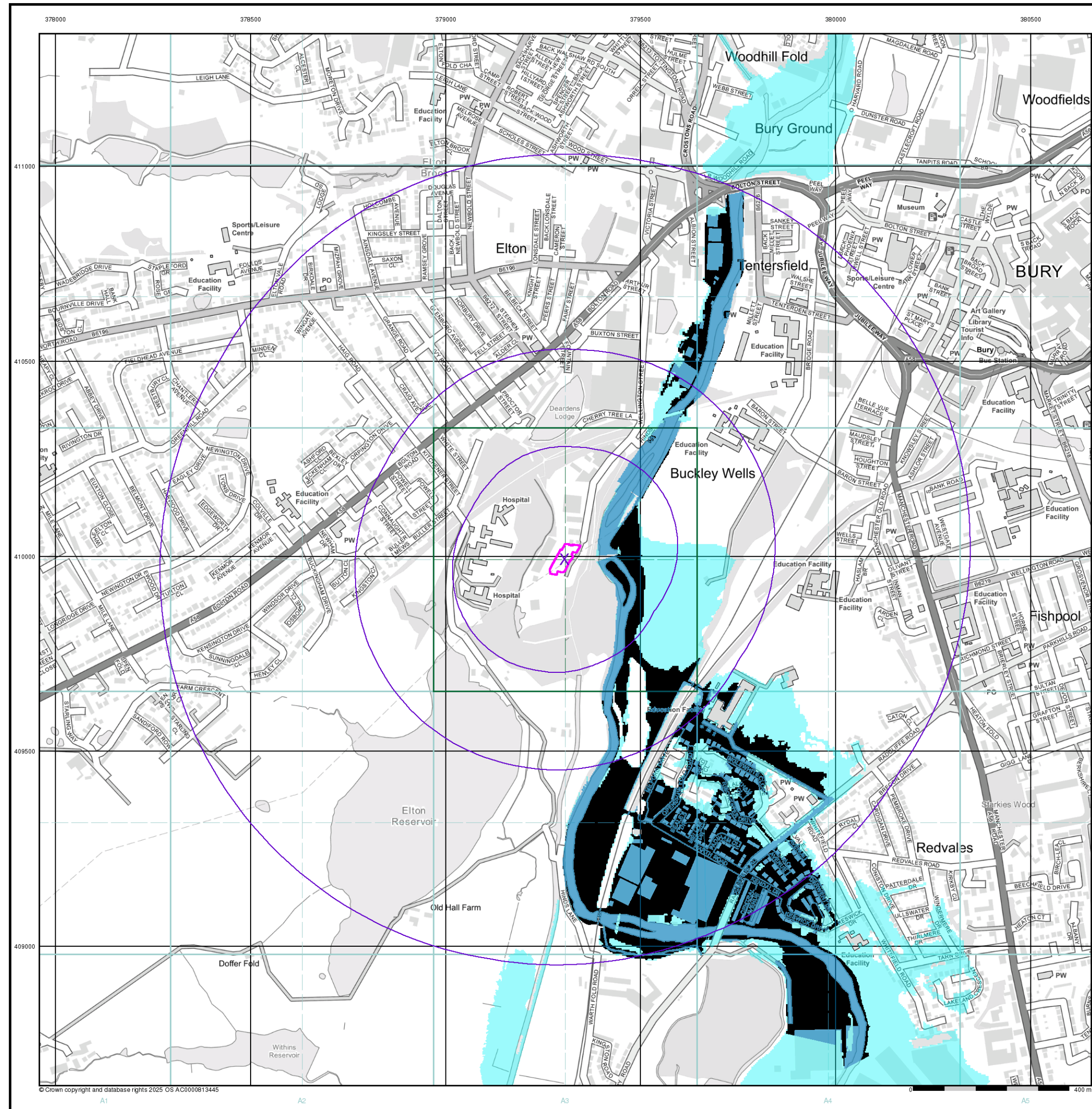


Order Details

Order Number: 369146726_1_1
Customer Ref: ZZ25045
National Grid Reference: 379300, 409990
Slice: A
Site Area (Ha): 0.3
Search Buffer (m): 1000

Site Details

Wellington Street, Bury, BL8 2BD



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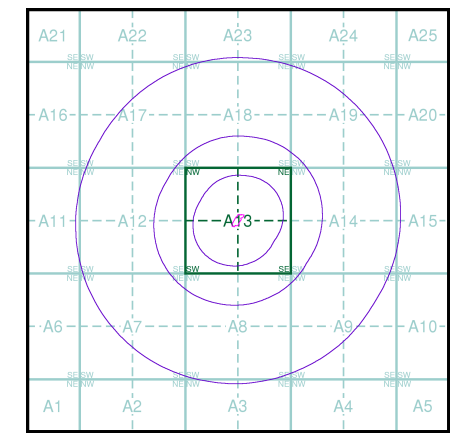
General

- 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

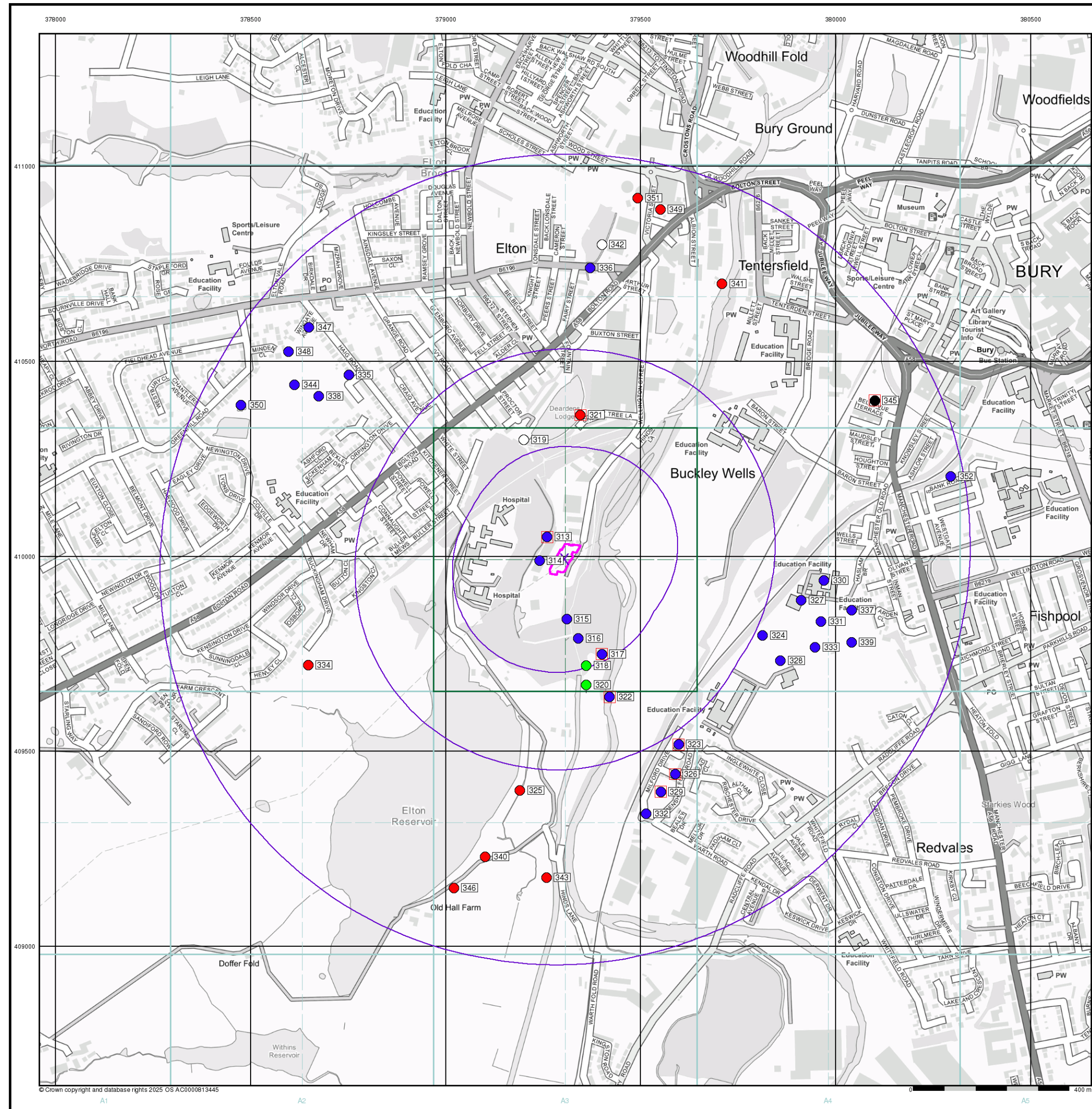


Order Details

Order Number: 369146726_1_1
Customer Ref: ZZ25045
National Grid Reference: 379300, 409990
Slice: A
Site Area (Ha): 0.3
Search Buffer (m): 1000

Site Details

Wellington Street, Bury, BL8 2BD



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Envirocheck®

LANDMARK INFORMATION GROUP®

General

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

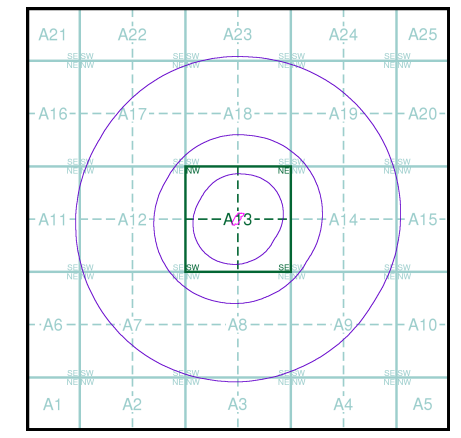
Agency and Hydrological (Boreholes)

- 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

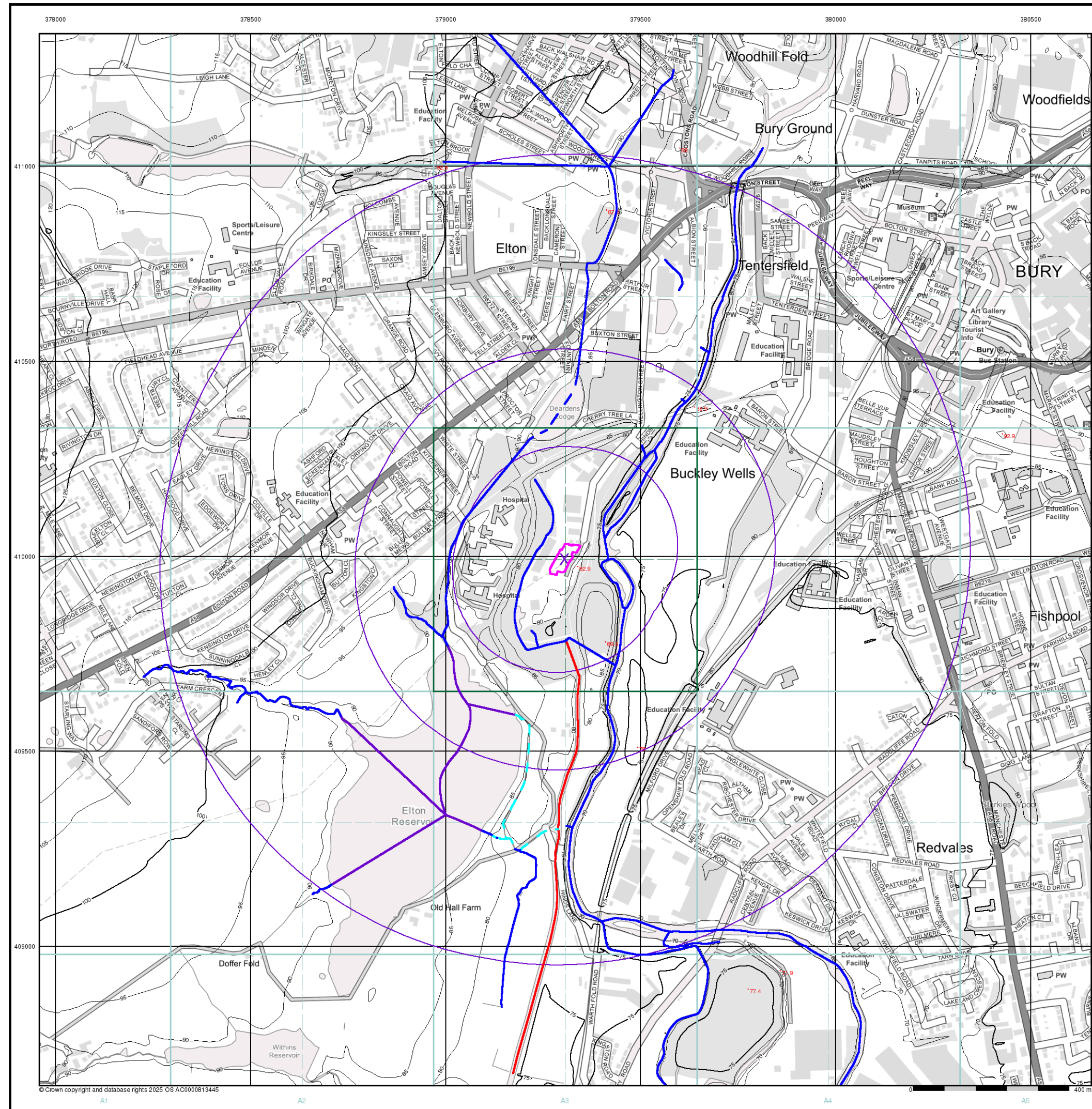
Order Number: 369146726_1_1
Customer Ref: ZZ25045
National Grid Reference: 379300, 409990
Slice: A
Site Area (Ha): 0.3
Search Buffer (m): 1000

Site Details

Wellington Street, Bury, BL8 2BD

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Envirocheck[®]

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General

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

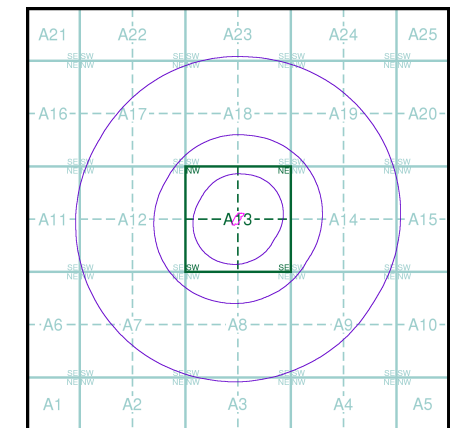
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

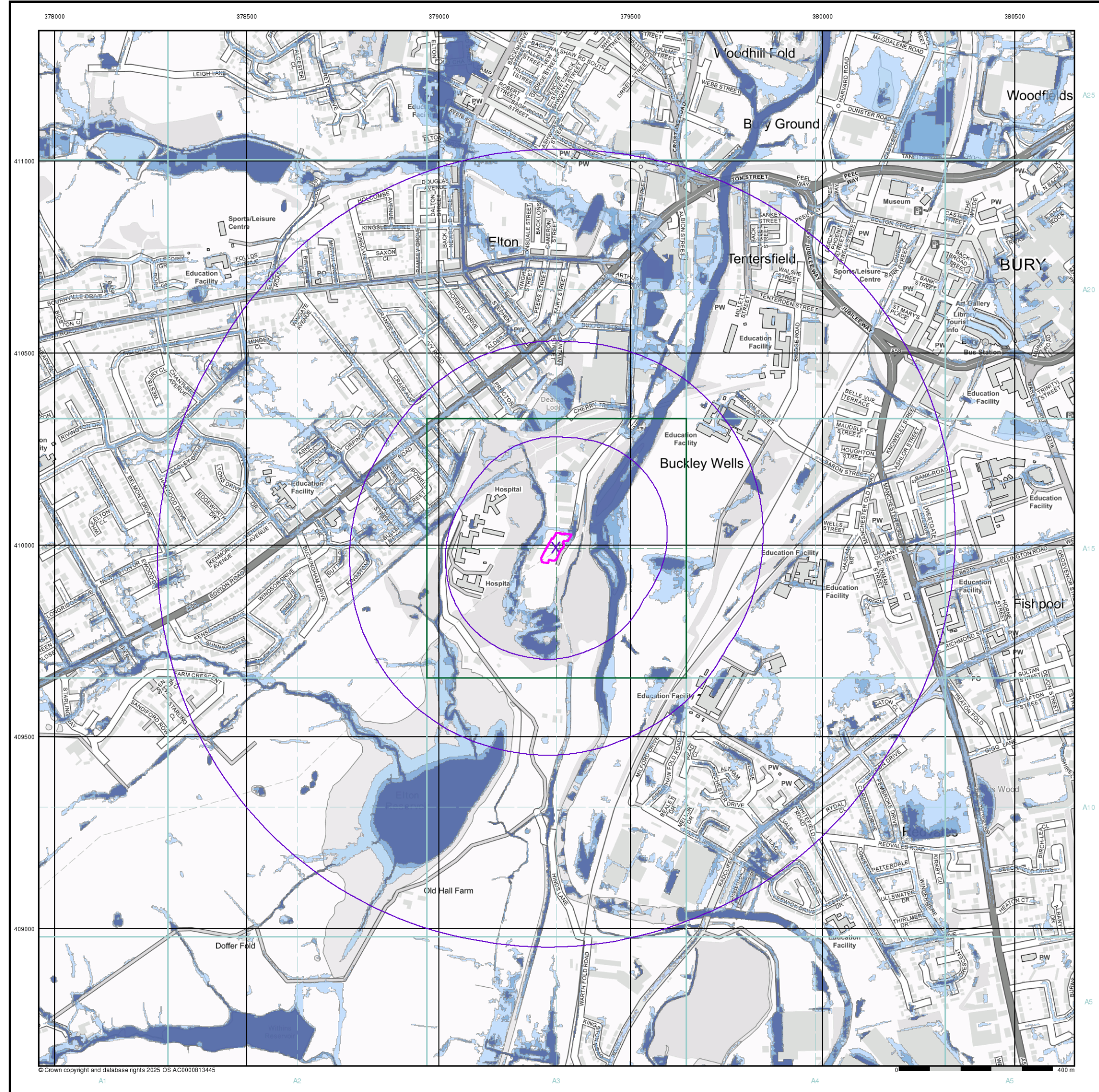
Order Number: 369146726_1_1
Customer Ref: ZZ25045
National Grid Reference: 379300, 409990
Slice: A
Site Area (Ha): 0.3
Search Buffer (m): 1000

Site Details

Wellington Street, Bury, BL8 2BD

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● LANDMARK INFORMATION GROUP[®]

General

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

Risk of Flooding from Surface Water

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

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

Order Details

Order Number:	369146726_1_1
Customer Ref:	ZZ25045
National Grid Reference:	379300, 409990
Slice:	A
Site Area (Ha):	0.3
Search Buffer (m):	1000

Site Details

Wellington Street, Bury, BL8 2BD

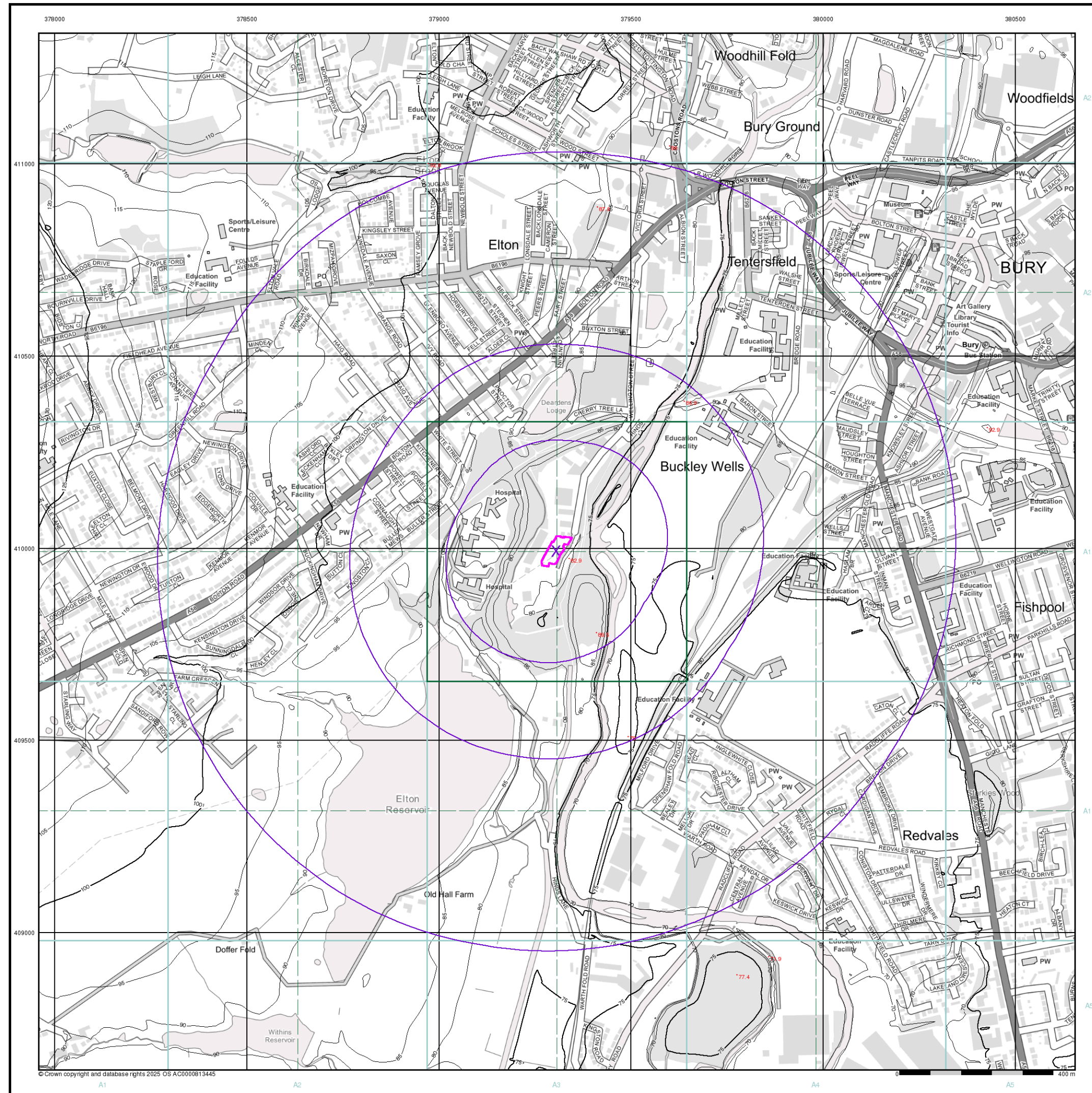
Landmark[®]

● INFORMATION GROUP

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

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A Landmark Information Group Service v50.0 06-Feb-2025 Page 6 of 7



WFD Surface Waters Map

General

Specified Site

Specified Buffer(s)

Bearing Reference Point

Slice

Map ID

Water Framework Directive - Surface Water Quality

High

Good

Moderate

Poor

Bad

Contours (height in meters)

Standard Contour

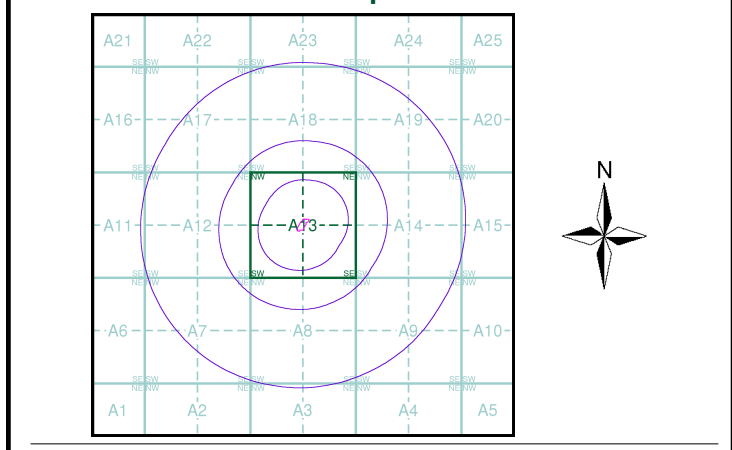
Master Contour

Spot Height

Mean Low Water

Mean High Water

WFD Surface Waters Map - Slice A



Order Details

Order Number:

Customer Ref:

National Grid Reference:

Slice:

Site Area (Ha):

Search Buffer (m):

369146726_1_1

ZZ25045

379300, 409990

A

0.3

1000

Site Details

Wellington Street, Bury, BL8 2BD



APPENDIX F

COAL MINING RECORDS

The Coal Authority,
Mining Reports Office,
200 LICHFIELD LANE,
BERRY HILL,
MANSFIELD,
NOTTINGHAMSHIRE,
NG18 4RG
Telephone: 0845 762 6848
DX 716176 MANSFIELD 5
On-Line Service: www.coalminingreports.co.uk

The COAL AUTHORITY

The Coal Authority
Cost: £42.56
Plus V.A.T. £7.44
Total Received: £50.00
V.A.T. Reg Number 598 5850 68

THE ARLEY CONSULTING CO. LTD,
CHORLEIAN HOUSE 49-51,
ST THOMAS ROAD,
CHORLEY,
LANCASHIRE,
PR7 1JL

This matter is being dealt with by Ken Rowe

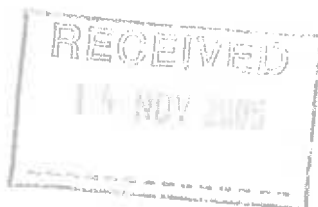
Our Ref: **10429615-05**

Your Ref: 1213/05314

Electronic Ref:

RRUID: 007.00009215030001

Date: 11 November 2005



Dear Sir,

Coal Mining Report SITE AT, WELLINGTON STREET, BURY, LANCASHIRE

I refer to the enquiry dated 08th November 2005, received 09th November 2005, in connection with the above.

This report is based on and limited to the records in the possession of The Coal Authority at the time the search is answered.

Past Underground Mining

According to the records in our possession, the property is not within the zone of likely physical influence on the surface from past underground coal workings.

However you may wish to know that the property is in an area where coal is believed to exist at or close to the surface that may have been worked at some time in the past.

Present Underground Mining

The property is not within the zone of likely physical influence on the surface from any present underground coal workings.

Future Underground Mining

The property is not within a geographical area for which a licence to extract coal by underground methods is awaiting determination by the Coal Authority.

The property is not within a geographical area for which a licence to extract coal by underground methods has been granted.

The property is not within the zone of likely physical influence at the surface from plans of future workings in our possession.

However reserves of coal exist in the locality which could be worked at some time in the future subject to feasibility, licences, and planning consents.

We have no record of any notice of the risk of the land being affected by subsidence being given under S.46 of the Coal Mining Subsidence Act 1991.

Shafts and Adits

We have no knowledge of any mine entries within, or within 20 metres of, the boundary of the property.

The records held by the Coal Authority may be incomplete. Consequently, there may exist in this locality mine entries of which we have no knowledge.

Surface Geology

Records in our possession do not disclose any fault or other line of weakness at the surface as having affected the stability of the property.

Past Opencast Mining

The property is not located within the geographical boundary of an opencast site from which coal has been extracted by opencast methods.

Present Opencast Mining

The property does not lie within 200 metres of the geographical boundary of an opencast site within which coal is being extracted by opencast methods.

Future Opencast Mining

The property is not within 800 metres of the geographical boundary of an opencast site for which a licence to extract coal by opencast methods is awaiting determination.

The property is not within 800 metres of the geographical site boundary of an opencast site for which a licence to extract coal by opencast methods has been granted.

Subsidence

The records in our possession do not disclose any damage notice or claim having been given, made or pursued in respect of the property since 1 January 1984.

The records in our possession do not disclose any current "Stop Notice" affecting the property.

The records in our possession do not show any request having been made to execute preventative works under S.33 of the Coal Mining Subsidence Act 1991.

Withdrawal of Support

The property does not lie within a geographical area in respect of which a notice of entitlement to withdraw support has been published.

The property does not lie within a geographical area in respect of which a notice has been given under S.41 of the Coal Industry Act 1994, revoking the entitlement to withdraw support.

Working Facilities Orders

The property is not within a geographical area that is the subject of an Order made under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

Payments to Owners of Former Copyhold Land

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

Additional Remarks

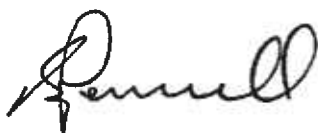
In view of the mining circumstances a prudent developer would seek appropriate technical advice before works are undertaken on site. All proposals should have regard to good engineering practice in mining areas as identified in authoritative publications on mining stability problems. In any event, no activities should be undertaken that intersect, disturb, or interfere with any coal or mines of coal without permission of the Coal Authority.

These replies are prepared in accordance with the 2003 editions of the Coal Authority's Terms and Conditions, User Guide and the Law Society's Guidance Notes.

Copyright in coal mining reports and certificates belongs to the Coal Authority. Information used to compile this report is protected by the Coal Authority's database right. All rights are reserved and unauthorised use is prohibited. Copyright and other intellectual property is not transferred to external parties by possession of a mining report or certificate, however those for whom the report is supplied have the right to use it.

We acknowledge the receipt of your remittance in payment of our fee.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Pennell', with a stylized flourish at the end.

Stephen Pennell

Director of Mining Information and Services

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Crown Copyright.

PLAN NOT TO SCALE

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This is a plan of the boundaries of the property in respect of which this report has been prepared. It is the responsibility of the user to ensure that the boundaries shown correspond with those of the property.

APPROXIMATE POSITION OF ENQUIRY BOUNDARY SHOWN

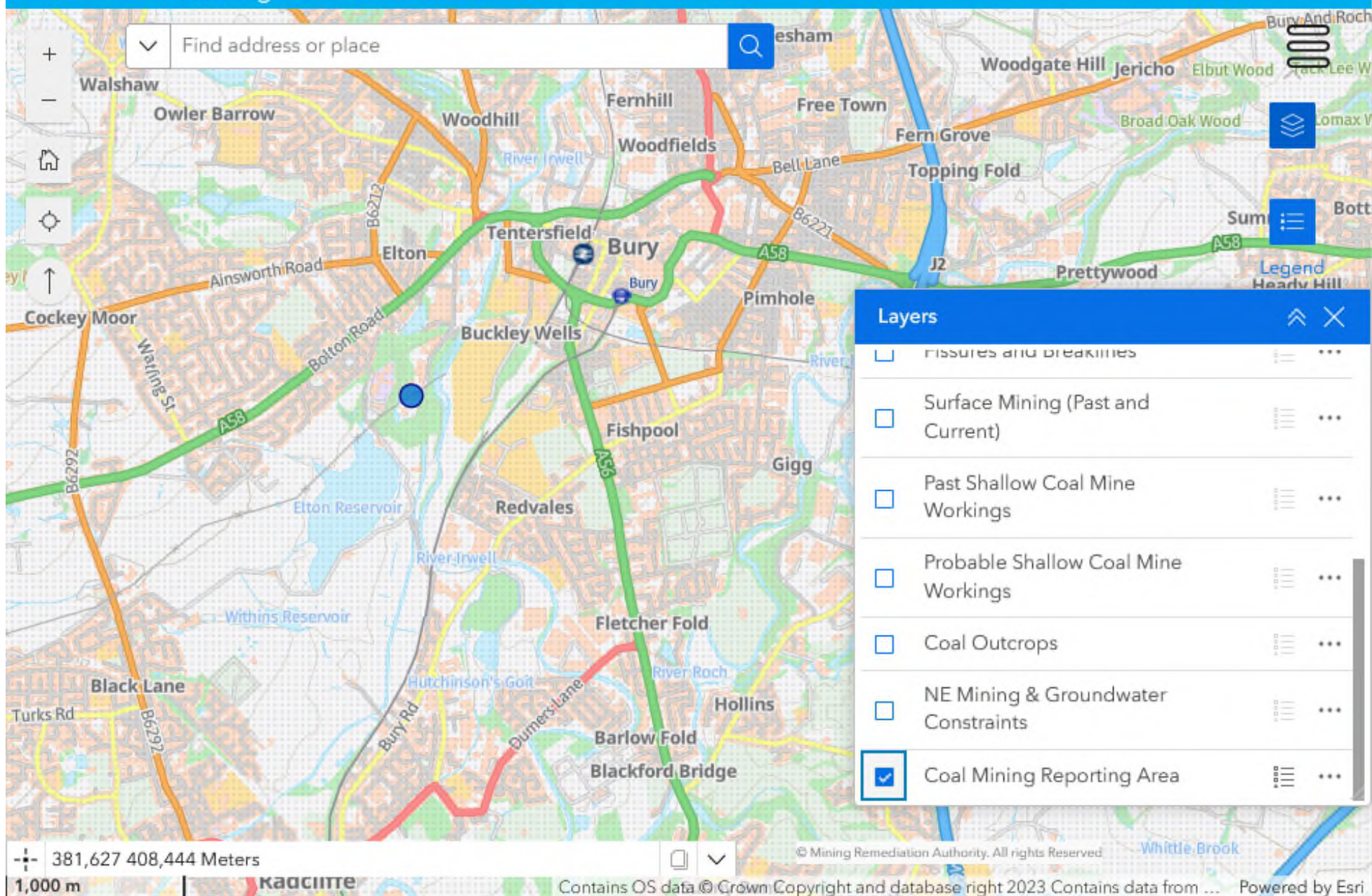


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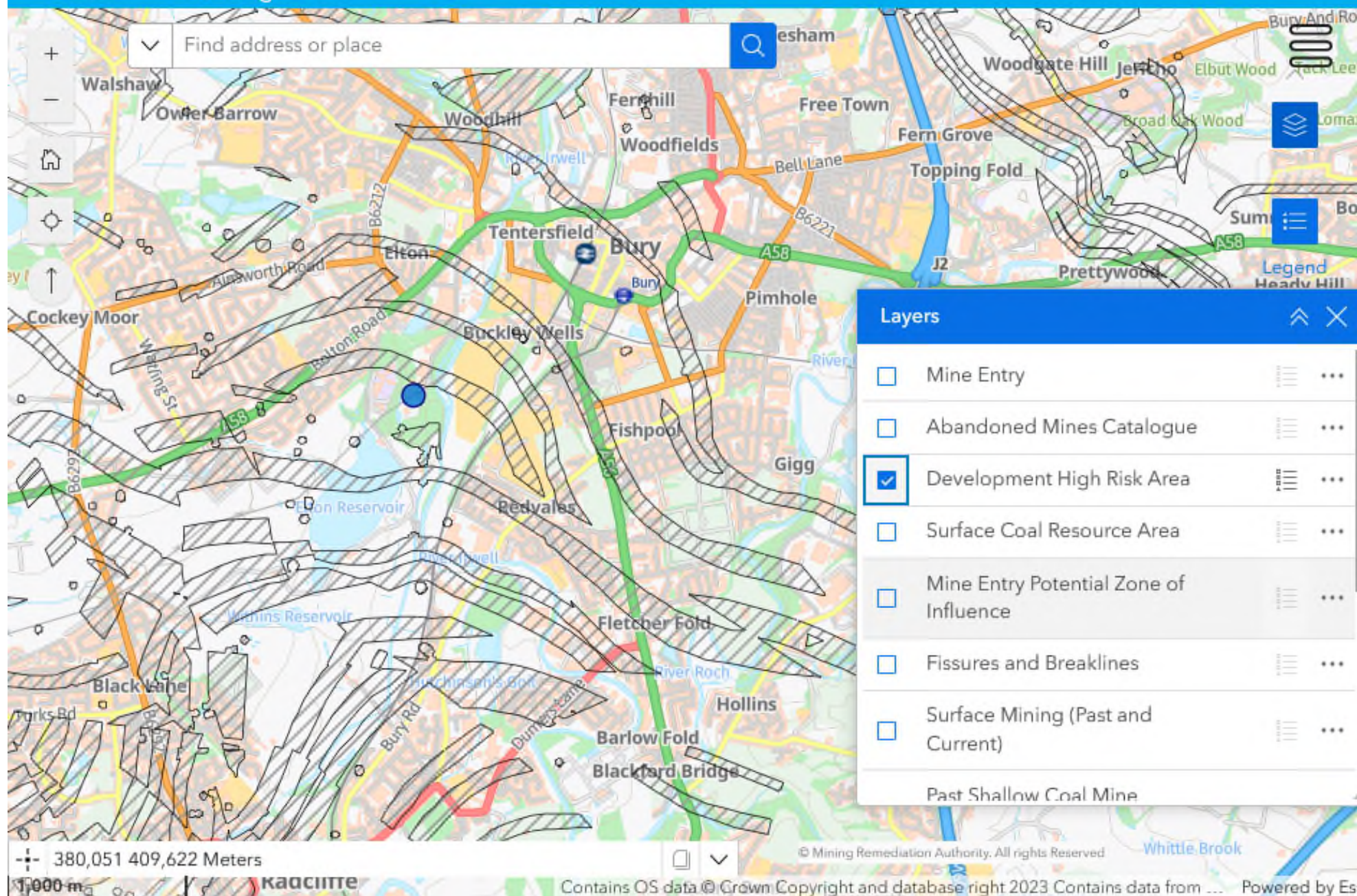
Mining Remediation Authority Map Viewer

Planning



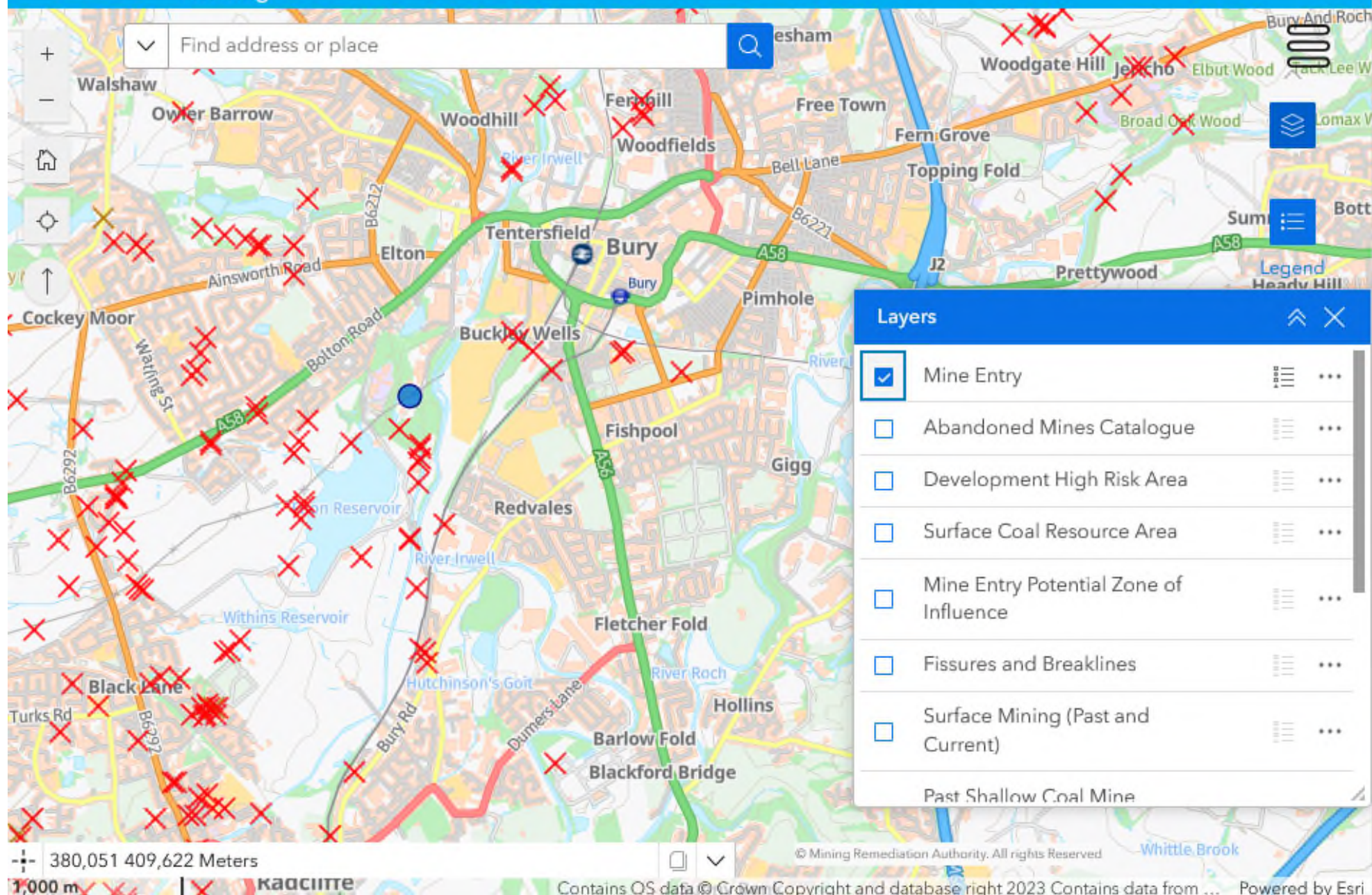


Mining Remediation Authority Map Viewer Planning



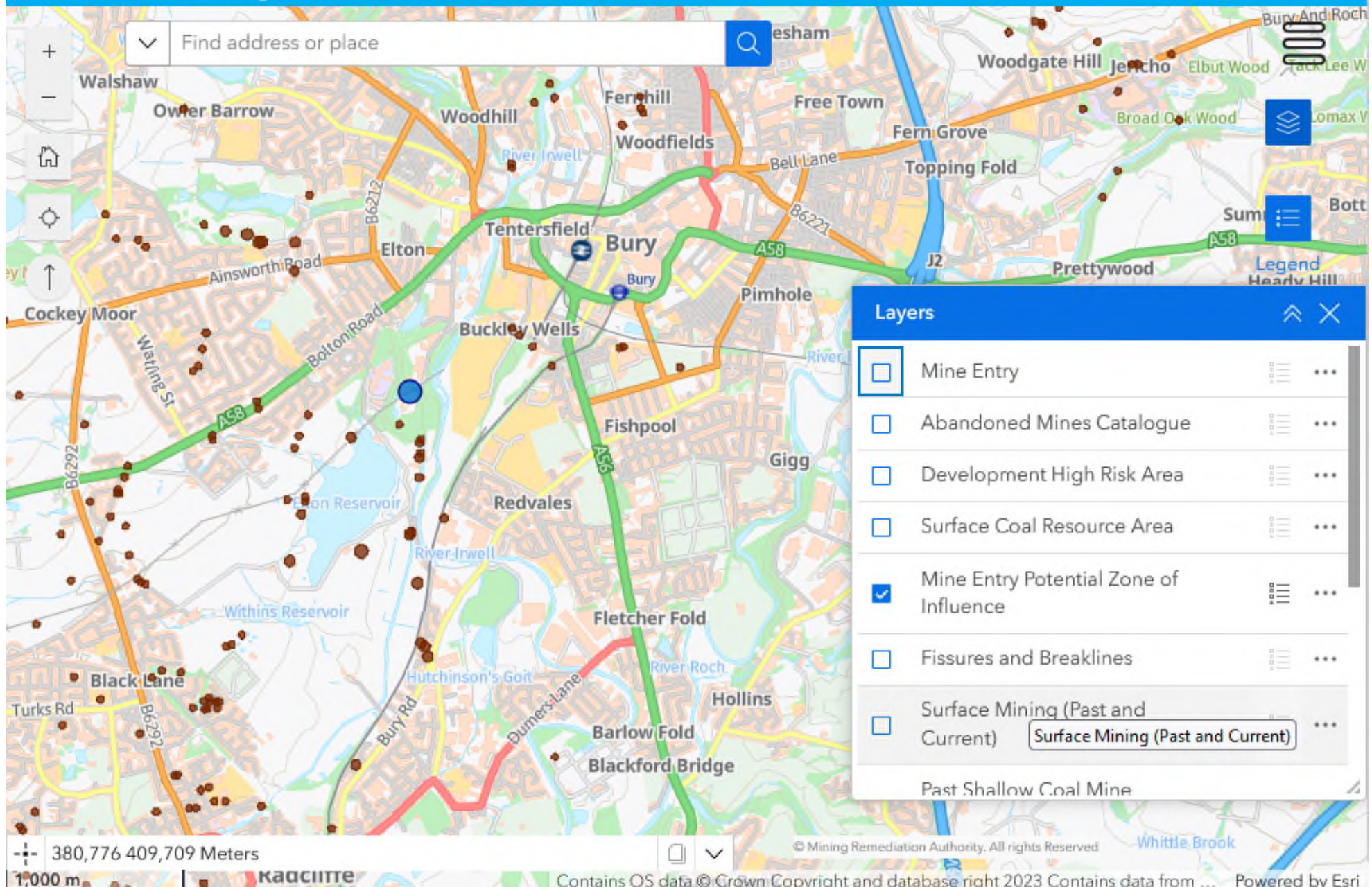


Mining Remediation Authority Man Viewer Planning



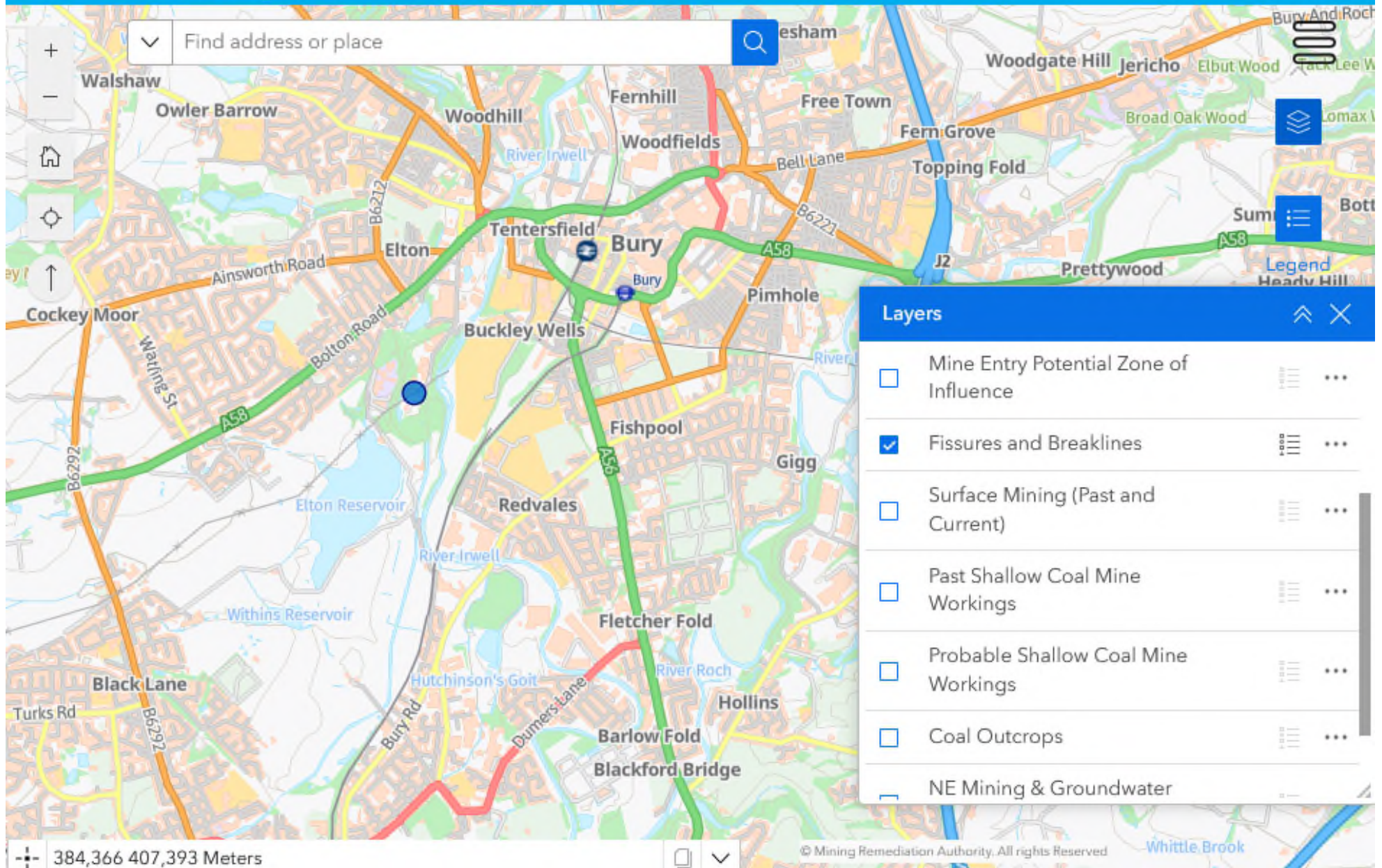


Mining Remediation Authority Map Viewer Planning



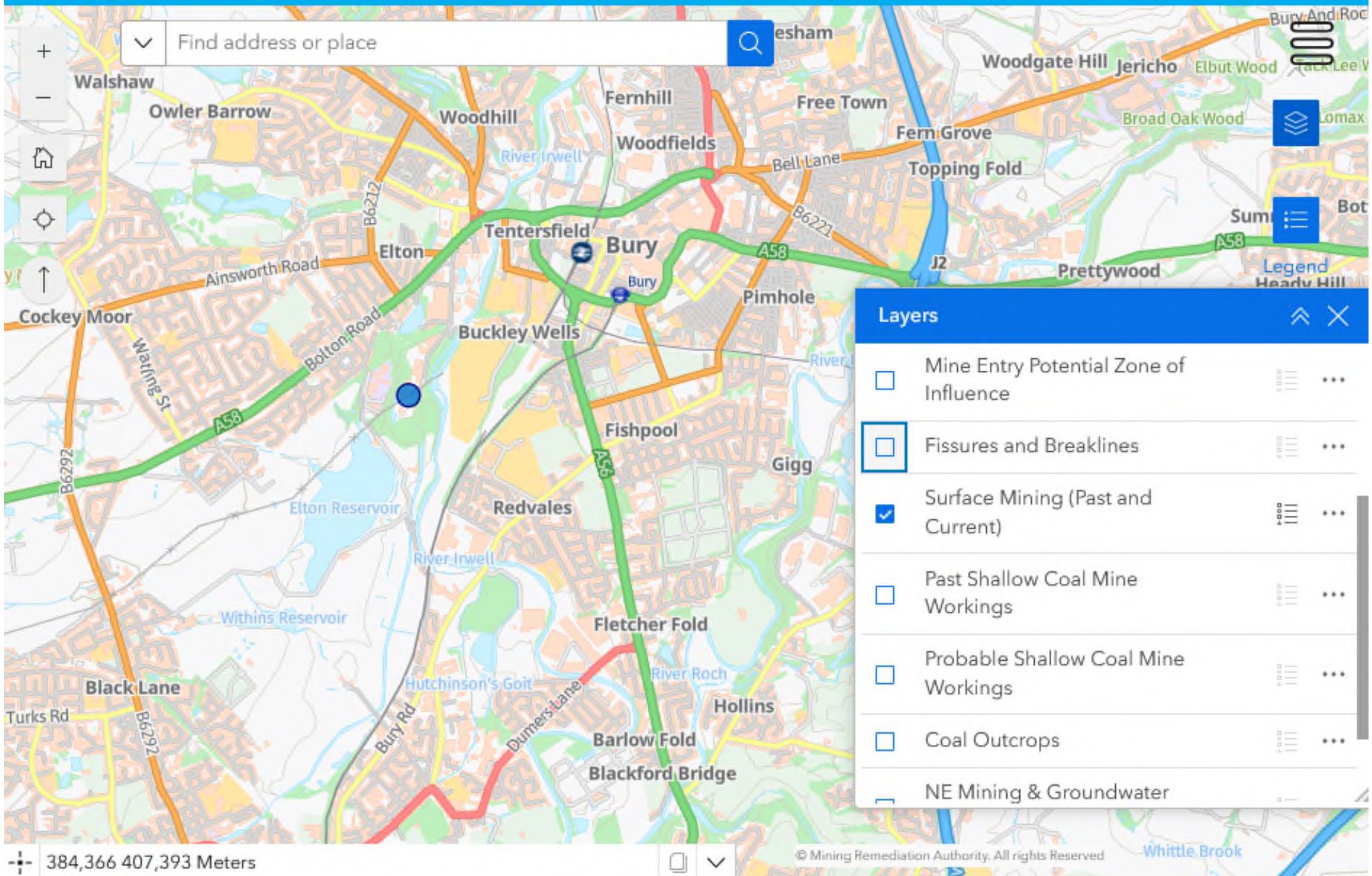


Mining Remediation Authority Map Viewer Planning



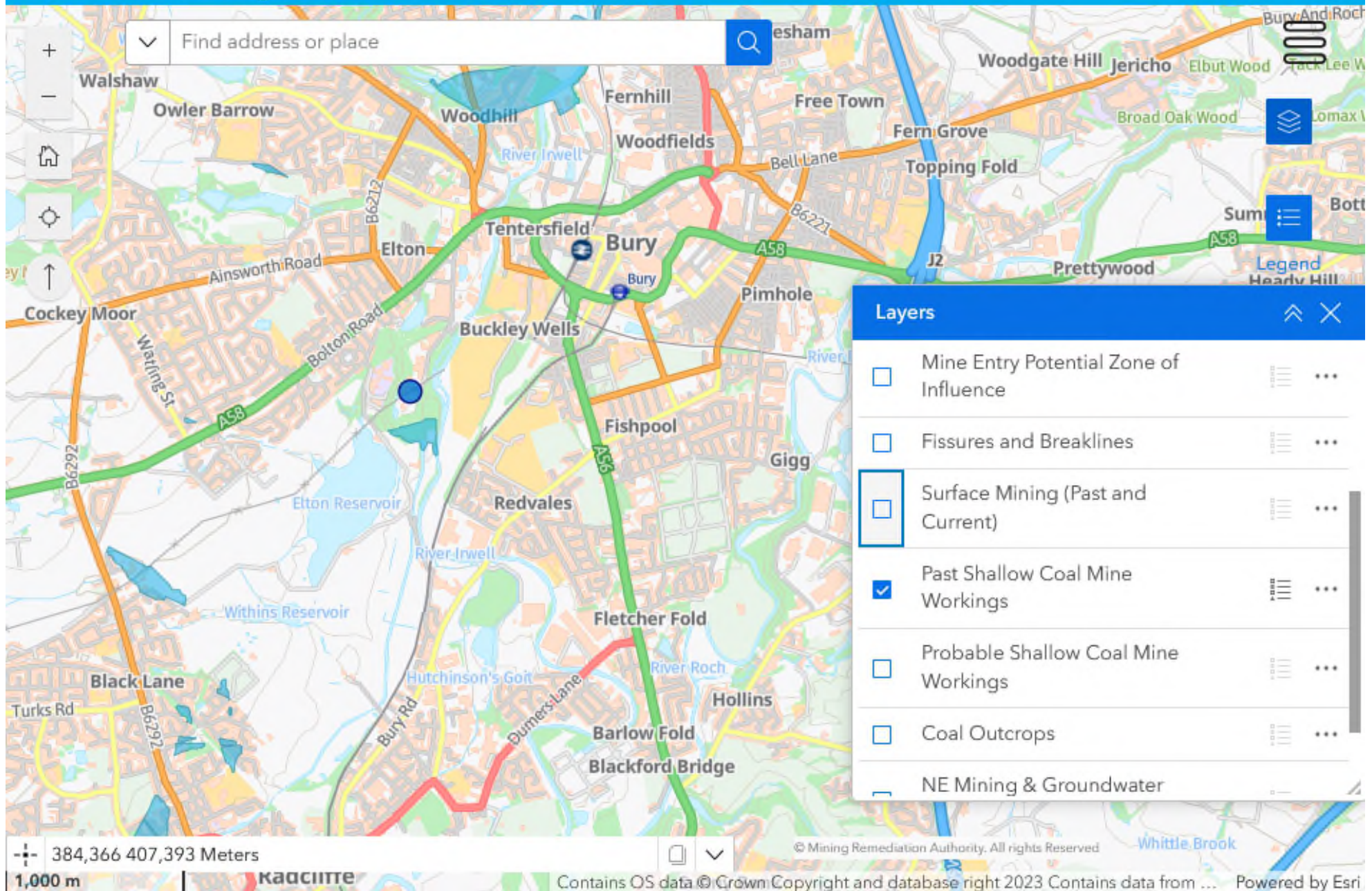


Mining Remediation Authority Map Viewer Planning



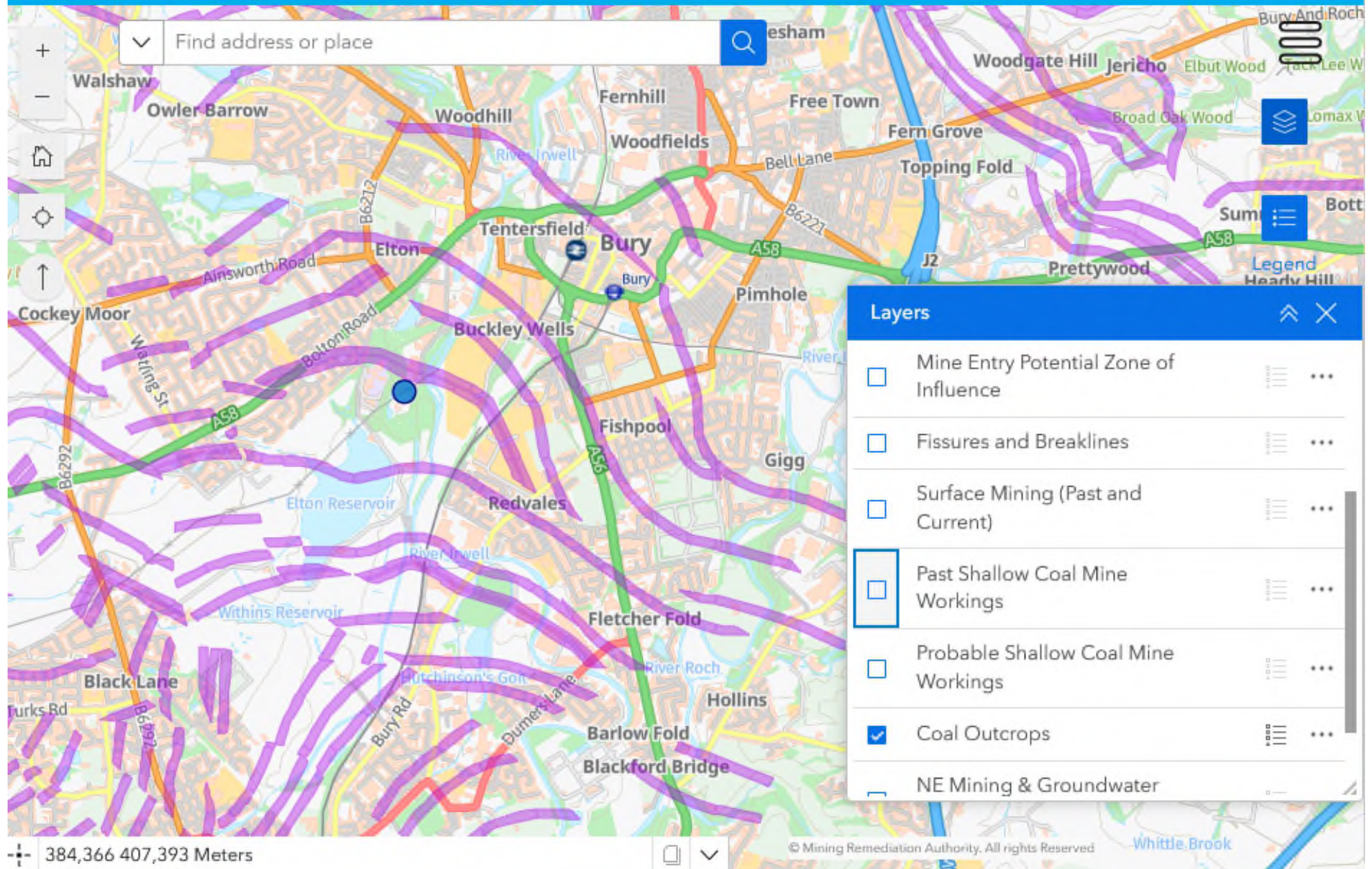


Mining Remediation Authority Map Viewer Planning





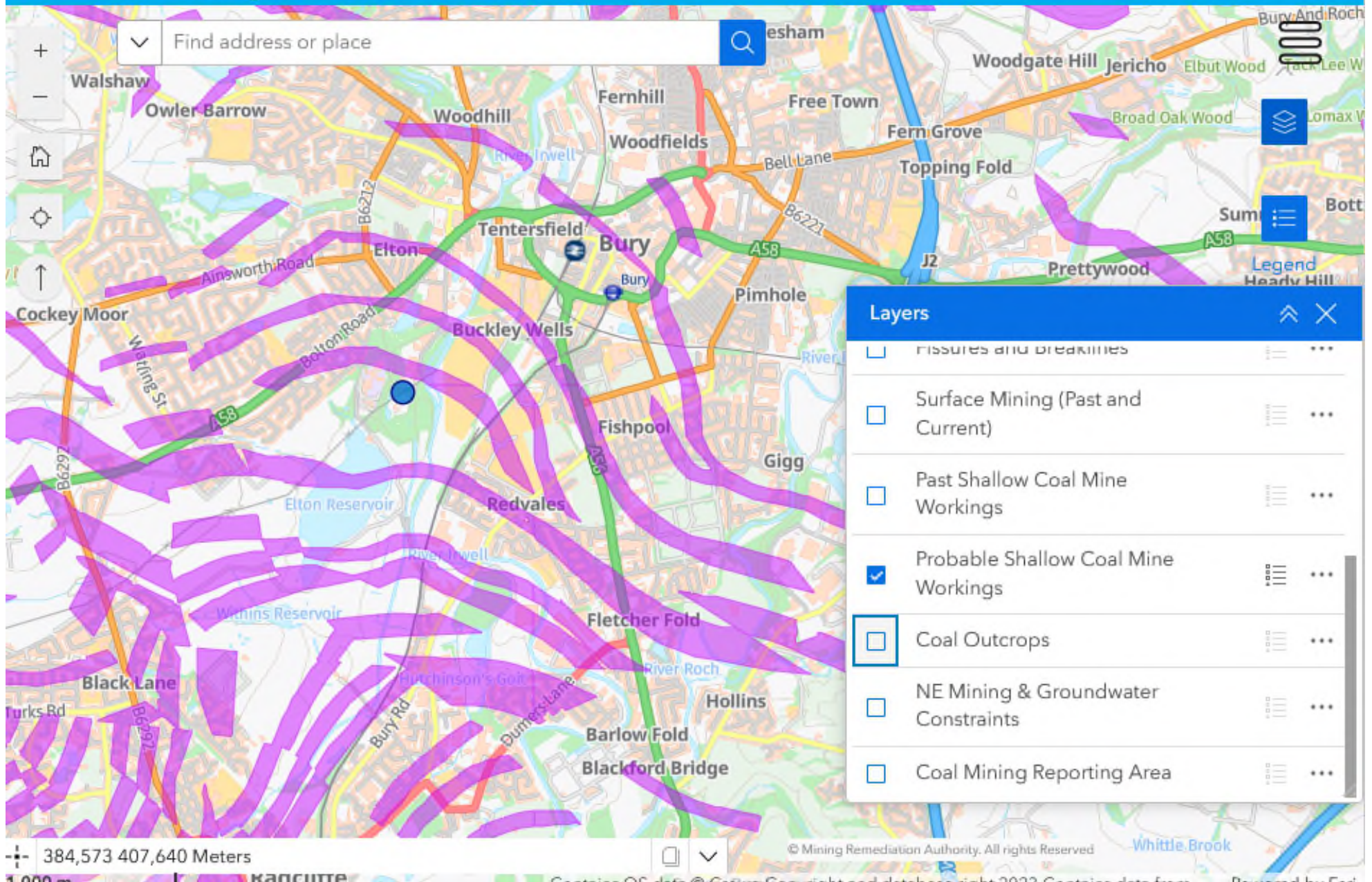
Mining Remediation Authority Map Viewer Planning





Mining Remediation Authority Map Viewer

Planning



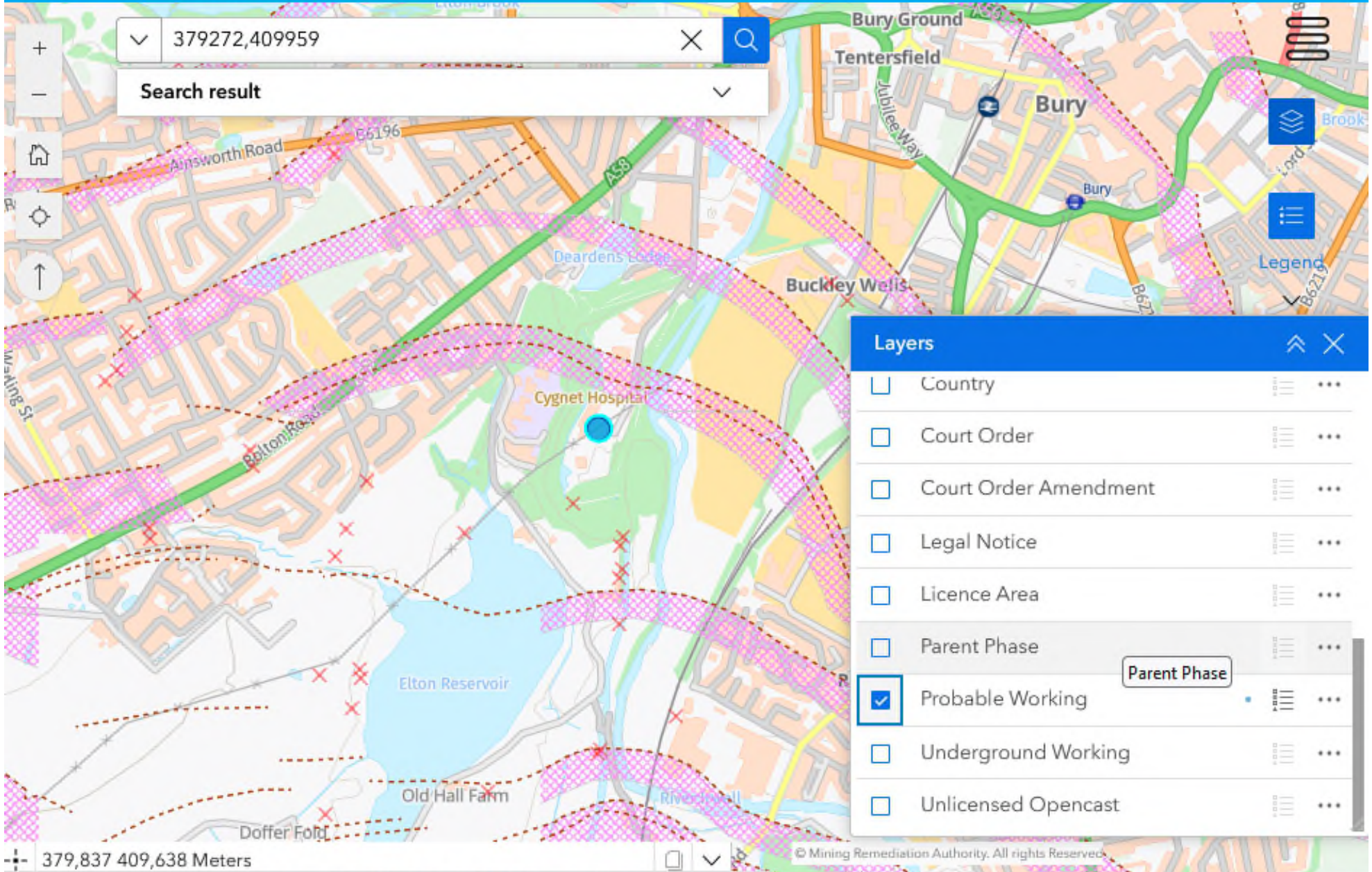


Mining Remediation Authority Map Viewer

Coal Mining

379272,409959

Search result

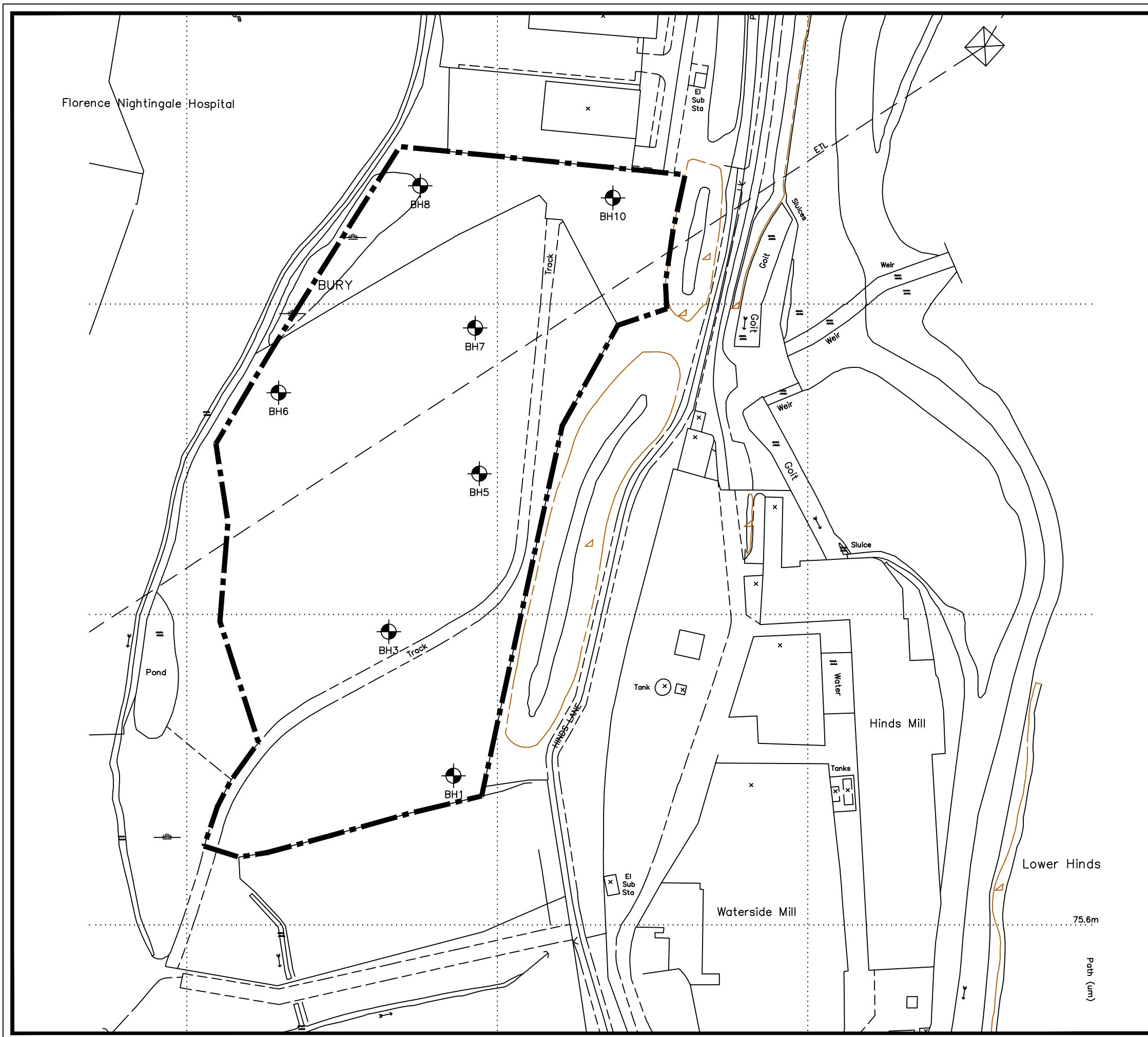


Layers

- ☐ Country
- ☐ Court Order
- ☐ Court Order Amendment
- ☐ Legal Notice
- ☐ Licence Area
- ☐ Parent Phase
- ☒ Probable Working
- ☐ Underground Working
- ☐ Unlicensed Opencast

Parent Phase

APPENDIX G
INVESTIGATION RECORDS



NOTES

--- SITE BOUNDARY

⊙ BOREHOLE LOCATION

BOREHOLES 1, 6 AND 10 HAVE GAS INSTALLATIONS

REV.	DESCRIPTION	DATE	BY

THE ARLEY CONSULTING COMPANY LIMITED

Chorleian House
49-51 St Thomas's Road
Chorley, Lancashire PR7 1JE

Tel: 01257 278300
Fax: 01257 268063
E-mail: mailbox@taccl.co.uk

CLIENT.

RTK GRAB & SKIP HIRE LTD

JOB TITLE.

**DAISYFIELD
WELLINGTON STREET
BURY**

DRAWING TITLE.

**BOREHOLE
LOCATION
PLAN**

DRAWN BY. W.P.	APPROVED BY. M.L.	DRAWING No. 05314/03
DATE. 29/11/05	SCALE. 1:1250 @ A3	

THE ARLEY CONSULTING COMPANY LIMITED

GROUND
INVESTIGATION

Chorleian House
49-51 St Thomas's Road
Chorley, Lancashire PR7 1JE



Tel: 01257 278300
Fax: 01257 268063
E-mail: mailbox@taccl.co.uk

BOREHOLE
RECORD

CLIENT: RTK GRAB & SKIP HIRE Ltd.

DATE(S): 23/11/05

BOREHOLE No: 5

SITE: DAISYFIELD, WELLINGTON STREET, BURY

JOB No: 05314

METHOD/DIAMETER: WINDOW SAMPLE RIG

GROUND LEVEL:

COORDINATES:

REMARKS/GROUNDWATER OBSERVATIONS:

DEPTH BELOW GL(m)	REDUCED LEVEL (mOD)	DESCRIPTION OF STRATA	LEGEND	WATER STRIKES & LEVEL	SAMPLING			INSTALLATION
					TYPE	DEPTHS (m)	N VALUE	
0.10		Loose black fm sand well grassed. (TOPSOIL)			D	0.2		
0.40		Firm to stiff yellow/brown silty CLAY with occasional rounded gravel.						
		Loose brown coarse SAND with well rounded gravel and occasional red sandstone cobbles			D	1.0		
		...Gravel becomes subangular to rounded.			D	2.0		
3.10		REFUSAL AT 3.10m			D	3.0		

THE ARLEY CONSULTING COMPANY LIMITED

GROUND
INVESTIGATION

Chorleian House
49-51 St Thomas's Road
Chorley, Lancashire PR7 1JE



Tel: 01257 278300
Fax: 01257 268063
E-mail: mailbox@taccl.co.uk

BOREHOLE
RECORD

CLIENT: RTK GRAB & SKIP HIRE Ltd.

DATE(S): 23/11/05

BOREHOLE No: 7

SITE: DAISYFIELD, WELLINGTON STREET, BURY

JOB No: 05314

METHOD/DIAMETER: WINDOW SAMPLE RIG

GROUND LEVEL:

COORDINATES:

REMARKS/GROUNDWATER OBSERVATIONS:

DEPTH BELOW GL(m)	REDUCED LEVEL (mOD)	DESCRIPTION OF STRATA	LEGEND	WATER STRIKES & LEVEL	SAMPLING			INSTALLATION
					TYPE	DEPTHS (m)	N VALUE	
0.30		Firm to stiff black/brown slightly peaty clay with occasional roots.			D	0.15		
1.00		Soft to firm yellow/brown slightly sandy silty CLAY with rounded gravel.			D	1.0		
1.90		Loose brown mc SAND and gravel.			D	1.5		
2.40		Loose brown coarse SAND and gravel.			D	2.3		
		REFUSAL AT 2.40m						

BOREHOLE
RECORD

07/12/2005

Mr Mick Buckley

The Arley Consulting Company Limited
Chorleian House
49-51 St Thomas's Road
Chorley
Lancashire
PR7 1JE

Test Report : ACCL/C9724

Dear Mr Buckley

Please find enclosed the results of the analysis carried out on the samples submitted from Daisyfield Bury on 28/11/2005.

UOM Data in accordance with ISO 17025 is available upon request.

I trust you will find these satisfactory but should you have any queries please contact customer services.

Yours sincerely



M. Cohen

Technical Manager

Determinations marked * in this certificate are not included in the UKAS accreditation schedule for our laboratory. Determinations marked M have met the requirements of the MCERTS performance standard. Opinions and interpretations expressed herein, and marked #, are outside the scope of UKAS accreditation. Determinations marked \$ were subcontracted. Unless otherwise stated, Severn Trent - Midlands was not responsible for sampling. Information about methods and performance characteristics of the determinations are available on request. Unless otherwise agreed, as received soils will be disposed of after 30 days and waters/leachates after 10 days from the issue of the final report.

Analysis carried out on air-dried and ground test portion of the sample, unless otherwise stated in the synopsis of analytical methods. Air drying is carried out at not greater than 30°C. All results are reported on an air-dried basis.

Samples are not preserved on site, unless otherwise stated in the synopsis of analytical methods.

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Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH1	Job:	ACCL/C9724
Other ID:	0.15m	Sample No:	765230
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown loam with occasional gravel and some roots		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	38	mg/kg	05/12/2005
6	Boron (Soluble)	0.70	mg/kg	05/12/2005
30	^M Cadmium (Total)	0.93	mg/kg	03/12/2005
30B	Chromium (Hexavalent)	0.95	mg/kg	05/12/2005
30	^M Chromium (Total)	72	mg/kg	03/12/2005
30	^M Copper (Total)	78	mg/kg	03/12/2005
30	Lead (Total)	190	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	27	mg/kg	03/12/2005
30C	^M Selenium (Total)	0.72	mg/kg	03/12/2005
30	^M Zinc (Total)	150	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	< 0.50	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO ₃	0.03	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	pH	5.3	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	12	mg/kg	06/12/2005
Moisture	Moisture*	24	%	02/12/2005
Stones	Stones %*	23	%	02/12/2005
Comments				

Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH1	Job:	ACCL/C9724
Other ID:	1.00m	Sample No:	765231
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown loam with many gravel		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	3.9	mg/kg	05/12/2005
6	Boron (Soluble)	0.31	mg/kg	05/12/2005
30	^M Cadmium (Total)	< 0.50	mg/kg	03/12/2005
30	^M Chromium (Total)	12	mg/kg	03/12/2005
30	^M Copper (Total)	11	mg/kg	03/12/2005
30	Lead (Total)	13	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	19	mg/kg	03/12/2005
30C	^M Selenium (Total)	< 0.30	mg/kg	03/12/2005
30	^M Zinc (Total)	39	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	< 0.50	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO3	< 0.02	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	^M pH	6.4	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	< 2	mg/kg	06/12/2005
Moisture	Moisture*	6.1	%	02/12/2005
Stones	Stones %*	46	%	02/12/2005
Comments				

Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH3	Job:	ACCL/C9724
Other ID:	0.70m	Sample No:	765232
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown loam with many gravel		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	2.5	mg/kg	05/12/2005
6	Boron (Soluble)	0.40	mg/kg	05/12/2005
30	^M Cadmium (Total)	< 0.50	mg/kg	03/12/2005
30	^M Chromium (Total)	12	mg/kg	03/12/2005
30	^M Copper (Total)	8.4	mg/kg	03/12/2005
30	Lead (Total)	9.4	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	16	mg/kg	03/12/2005
30C	^M Selenium (Total)	< 0.30	mg/kg	03/12/2005
30	^M Zinc (Total)	40	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	< 0.50	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO3	< 0.02	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	^M pH	6.7	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	< 2	mg/kg	06/12/2005
Moisture	Moisture*	5.6	%	02/12/2005
Stones	Stones %*	43	%	02/12/2005
Comments				

Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH5	Job:	ACCL/C9724
Other ID:	0.20m	Sample No:	765233
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown loam with occasional roots		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	5.7	mg/kg	05/12/2005
6	Boron (Soluble)	0.57	mg/kg	05/12/2005
30	^M Cadmium (Total)	< 0.50	mg/kg	03/12/2005
30	^M Chromium (Total)	18	mg/kg	03/12/2005
30	^M Copper (Total)	17	mg/kg	03/12/2005
30	Lead (Total)	24	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	16	mg/kg	03/12/2005
30C	^M Selenium (Total)	< 0.30	mg/kg	03/12/2005
30	^M Zinc (Total)	44	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	< 0.50	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO ₃	< 0.02	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	^M pH	6.5	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	< 2	mg/kg	06/12/2005
Moisture	Moisture*	17	%	02/12/2005
Stones	Stones %*	34	%	02/12/2005
Comments				

Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH6	Job:	ACCL/C9724
Other ID:	0.10m	Sample No:	765234
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown loam with some roots		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	17	mg/kg	05/12/2005
6	Boron (Soluble)	0.97	mg/kg	05/12/2005
30	^M Cadmium (Total)	0.55	mg/kg	03/12/2005
30B	Chromium (Hexavalent)	0.46	mg/kg	05/12/2005
30	^M Chromium (Total)	38	mg/kg	03/12/2005
30	^M Copper (Total)	44	mg/kg	03/12/2005
30	Lead (Total)	150	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	18	mg/kg	03/12/2005
30C	^M Selenium (Total)	0.56	mg/kg	03/12/2005
30	^M Zinc (Total)	110	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	< 0.50	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO ₃	< 0.02	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	^M pH	5.8	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	5	mg/kg	06/12/2005
Moisture	Moisture*	24	%	02/12/2005
Stones	Stones %*	28	%	02/12/2005
Comments				

Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH6	Job:	ACCL/C9724
Other ID:	0.70m	Sample No:	765235
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown loam		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	2.8	mg/kg	05/12/2005
6	Boron (Soluble)	0.43	mg/kg	05/12/2005
30	^M Cadmium (Total)	< 0.50	mg/kg	03/12/2005
30	^M Chromium (Total)	11	mg/kg	03/12/2005
30	^M Copper (Total)	13	mg/kg	03/12/2005
30	Lead (Total)	15	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	13	mg/kg	03/12/2005
30C	^M Selenium (Total)	< 0.30	mg/kg	03/12/2005
30	^M Zinc (Total)	37	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	< 0.50	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO ₃	< 0.02	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	^M pH	6.5	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	< 2	mg/kg	06/12/2005
Moisture	Moisture*	16	%	02/12/2005
Stones	Stones %*	9.0	%	02/12/2005
Comments				

Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH7	Job:	ACCL/C9724
Other ID:	0.15m	Sample No:	765236
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown loam with many roots		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	24	mg/kg	05/12/2005
6	Boron (Soluble)	0.98	mg/kg	05/12/2005
30	^M Cadmium (Total)	1.2	mg/kg	03/12/2005
30B	Chromium (Hexavalent)	1.0	mg/kg	05/12/2005
30	^M Chromium (Total)	80	mg/kg	03/12/2005
30	^M Copper (Total)	66	mg/kg	03/12/2005
30	Lead (Total)	160	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	22	mg/kg	03/12/2005
30C	^M Selenium (Total)	0.63	mg/kg	03/12/2005
30	^M Zinc (Total)	170	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	< 0.50	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO3	0.03	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	^M pH	5.7	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	7	mg/kg	06/12/2005
Moisture	Moisture*	22	%	02/12/2005
Stones	Stones %*	23	%	02/12/2005
Comments				

Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH8	Job:	ACCL/C9724
Other ID:	0.50m	Sample No:	765237
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown loam with occasional gravel		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	3.6	mg/kg	05/12/2005
6	Boron (Soluble)	0.41	mg/kg	05/12/2005
30	^M Cadmium (Total)	< 0.50	mg/kg	03/12/2005
30	^M Chromium (Total)	15	mg/kg	03/12/2005
30	^M Copper (Total)	9.0	mg/kg	03/12/2005
30	Lead (Total)	15	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	18	mg/kg	03/12/2005
30C	^M Selenium (Total)	< 0.30	mg/kg	03/12/2005
30	^M Zinc (Total)	43	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	< 0.50	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO ₃	< 0.02	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	^M pH	6.5	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	< 2	mg/kg	06/12/2005
Moisture	Moisture*	13	%	02/12/2005
Stones	Stones %*	23	%	02/12/2005
Comments				

Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH10	Job:	ACCL/C9724
Other ID:	0.40m	Sample No:	765238
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown loam with occasional gravel and twigs		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	36	mg/kg	05/12/2005
6	Boron (Soluble)	0.99	mg/kg	05/12/2005
30	^M Cadmium (Total)	0.84	mg/kg	03/12/2005
30	^M Chromium (Total)	20	mg/kg	03/12/2005
30	^M Copper (Total)	67	mg/kg	03/12/2005
30	Lead (Total)	230	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	33	mg/kg	03/12/2005
30C	^M Selenium (Total)	0.55	mg/kg	03/12/2005
30	^M Zinc (Total)	180	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	< 0.50	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO ₃	< 0.02	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	^M pH	8.0	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	4	mg/kg	06/12/2005
Moisture	Moisture*	21	%	02/12/2005
Stones	Stones %*	23	%	02/12/2005
Comments				

Site	Daisyfield Bury	Sample Type	SOIL
Sample ID:	BH10	Job:	ACCL/C9724
Other ID:	1.00m	Sample No:	765239
Your Ref:		Your Order:	1239/05314
Received:	28/11/2005		
Description	Brown clay		

Method	Determination	Result	Units	Date of analysis
30/30C	^M Arsenic (Total)	8.9	mg/kg	05/12/2005
6	Boron (Soluble)	1.0	mg/kg	05/12/2005
30	^M Cadmium (Total)	< 0.50	mg/kg	03/12/2005
30	^M Chromium (Total)	21	mg/kg	03/12/2005
30	^M Copper (Total)	25	mg/kg	03/12/2005
30	Lead (Total)	71	mg/kg	03/12/2005
30C	Mercury (Total)	< 0.20	mg/kg	03/12/2005
30	^M Nickel (Total)	22	mg/kg	03/12/2005
30C	^M Selenium (Total)	0.31	mg/kg	03/12/2005
30	^M Zinc (Total)	66	mg/kg	03/12/2005
14	^M Cyanide (Total)	< 2.0	mg/kg	02/12/2005
40A	^M Phenols (Total)	0.70	mg/kg	02/12/2005
45	^M Sulphate (Total) as SO ₃	0.05	%	05/12/2005
47	^M Sulphide as S	< 5.0	mg/kg	02/12/2005
39	^M pH	6.6	pH units	02/12/2005
51	^M Sulphur (Elemental)	< 100	mg/kg	02/12/2005
307	^M PAH (Total)	< 2	mg/kg	06/12/2005
Moisture	Moisture*	20	%	02/12/2005
Stones	Stones %*	29	%	02/12/2005
Comments				

Synopses of Analytical Methods

Reference	Method Text
14	The cyanides in the sample are determined in two stages. Initially hydrogen cyanide is liberated at pH 4 into a fixing reagent. Then, the complex cyanides are dissociated and liberated from the same sample using orthophosphoric acid under the same conditions. The liberated HCN from both steps is absorbed in separate sodium hydroxide solutions and determined colorimetrically using a discrete autoanalyser.
30	Metals are extracted from land samples by boiling with hydrochloric/nitric acids (3:1 ratio). The measurement of metal concentrations is determined directly on an ICP-OES at defined wavelengths.
30/30C	Metals are extracted from land samples by boiling with hydrochloric/nitric acids (3:1 ratio). For the measurement of metal concentrations is determined on an ICP-OES at defined wavelengths. Where a result is 25mg/kg or above results are obtained directly. Otherwise results are obtained via hydride generation.
307	PAH's are extracted from land samples using acetone. The samples are shaken mechanically and then centrifuged. An aliquot of the supernatant liquid is then transferred to a separate vial and analysed by HPLC using a variable wavelength programme.
30C	Metals are extracted from land samples by boiling with hydrochloric/nitric acid (3:1 ratio). The measurement of metal concentrations is determined by means of hydride generation / atomic vapour on an ICP-OES at defined wavelengths
39	The test is carried out by extraction using deionised water with agitation. The pH of this suspension is read directly from an electronic pH meter.
40A	This method determines steam distillable phenolic compounds in land materials. Phenol is extracted from air dried soil using steam distillation. The pH adjusted distillate is measured colorimetrically at a defined wavelength.
45	The sulphates are extracted from land samples using boiling hydrochloric acid solution. After cooling and filtration the determination of sulphate is obtained from an aliquot of solution, via a turbidimetric measurement.
47	The sulphide content of land samples is determined via extraction with dilute sulphuric acid and steam distillation into zinc acetate solution and sodium hydroxide. The distillate is then titrated against sodium thiosulphate solution using iodine indicator.
51	Elemental sulphur is extracted from land samples using dichloromethane by microwave assisted extraction. Samples are cooled, centrifuged and transferred to separate vials before analysis by HPLC.

**RTK Grab Hire
Daisyfield,
Bury**

Gas Monitoring Results

Date	Probe	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Barometric Pressure (mB)	flow l/hr
06/12/05	BH1	0.0	0.0	18.1	998	0.0
	BH6	0.0	0.0	18.1	998	0.0
	BH10	0.0	5.1	16.4	998	0.0
11/12/05	BH1	0.0	0.0	19.0	996	0.0
	BH6	0.0	0.0	19.1	996	0.0
	BH10	0.0	4.9	16.6	996	0.0
28/12/05	BH1	0.0	0.0	20.1	998	0.0
	BH6	0.0	0.0	20.1	998	0.0
	BH10	0.0	5.0	16.4	998	0.0
02/01/05	BH1	0.0	0.0	20.1	999	0.0
	BH6	0.0	0.0	20.1	999	0.0
	BH10	0.0	5.1	16.2	999	0.0
15/01/06	BH1	0.0	0.0	20.1	1002	0.0
	BH6	0.0	0.0	20.1	1002	0.0
	BH10	0.0	4.4	17.1	1002	0.0
22/01/06	BH1	0.0	0.0	20.1	993	0.0
	BH6	0.0	0.0	20.1	993	0.0
	BH10	0.0	4.1	17.6	993	0.0
26/01/06	BH1	0.0	0.0	20.3	1003	0.0
	BH6	0.0	0.0	20.3	1003	0.0
	BH10	0.0	4.3	18.1	1003	0.0
03/02/06	BH1	0.0	0.0	20.1	1003	0.0
	BH6	0.0	0.0	20.1	1003	0.0
	BH10	0.0	4.7	19.6	1003	0.0
12/02/06	BH1	0.0	0.0	21.1	999	0.0
	BH6	0.0	0.0	21.1	999	0.0
	BH10	0.0	4.4	20.7	999	0.0
17/02/06	BH1	0.0	0.0	21.1	1002	0.0
	BH6	0.0	0.0	21.1	1002	0.0
	BH10	0.0	5.0	19.6	1002	0.0
24/02/06	BH1	0.0	0.0	20.7	1011	0.0
	BH6	0.0	0.0	20.7	1011	0.0
	BH10	0.0	5.3	18.9	1011	0.0
03/03/06	BH1	0.0	0.0	21.1	1002	0.0
	BH6	0.0	0.0	20.1	1002	0.0
	BH10	0.0	5.1	19.6	1002	0.0