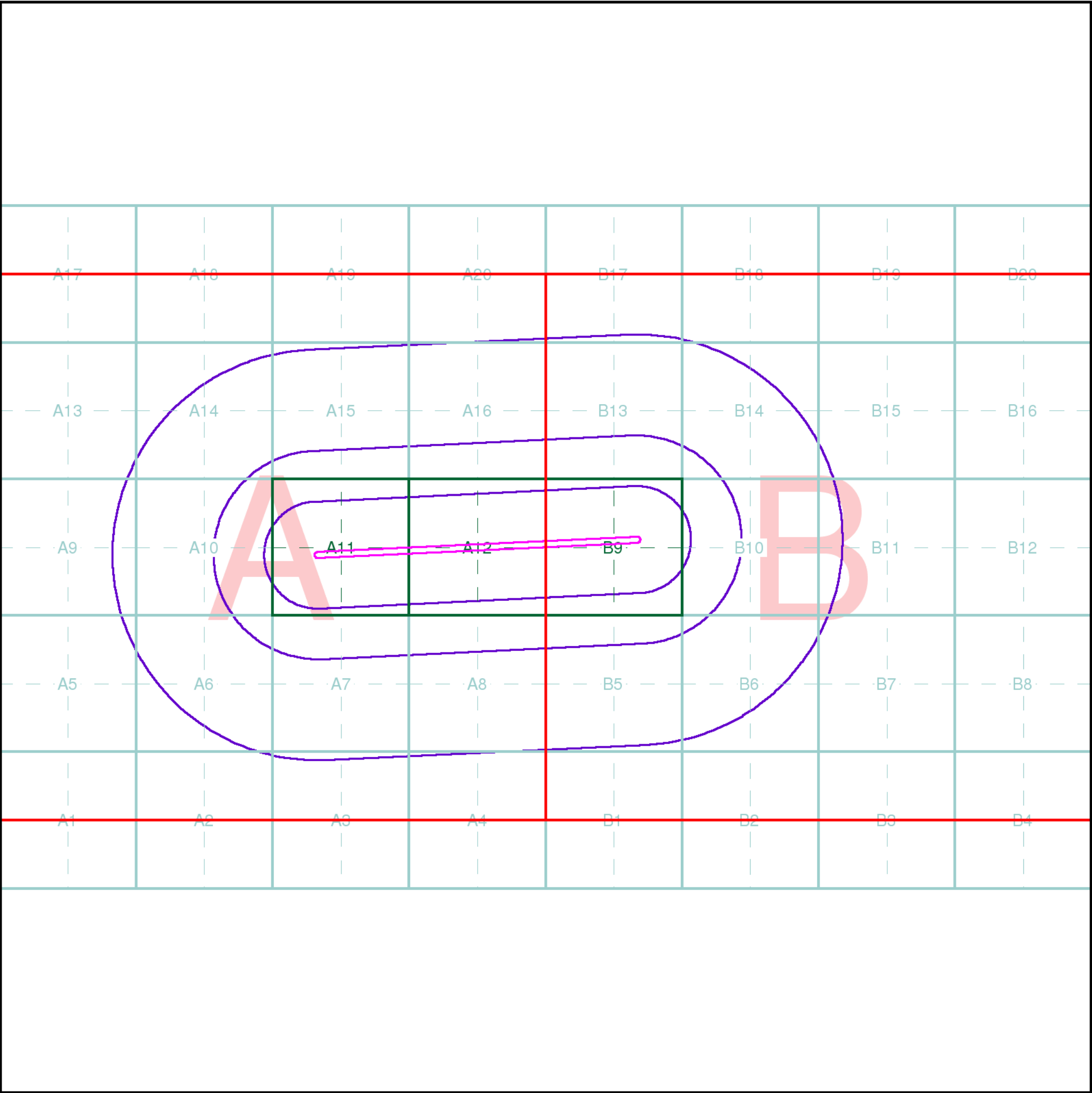


Appendix B

Envirocheck Report



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

Mr E Gilligan, Amec Foster Wheeler E & I UK Ltd, Floor 12, 25 Canada Square, Canary Wharf, London, E14 5LQ

Order Details

Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 350020, 165090
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

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



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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

128842570_1_1

Customer Reference:

38970

National Grid Reference:

349380, 165060

Slice:

A

Site Area (Ha):

4.82

Search Buffer (m):

1000

Site Details:

Bristol International Airport

North Side Road

FELTON

BS48 3DY

Client Details:

Mr E Gilligan

Amec Foster Wheeler E & I UK Ltd

Floor 12

25 Canada Square

Canary Wharf

London

E14 5LQ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	5
Hazardous Substances	-
Geological	6
Industrial Land Use	12
Sensitive Land Use	13
Data Currency	14
Data Suppliers	19
Useful Contacts	20

Introduction

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

Copyright Notice

© Landmark Information Group Limited 2017. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.

A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

The Data provided in this report was obtained on Licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The information and data supplied in the product are derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

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

Report Version v53.0

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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 5				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 5	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 5		1	1	1
Potentially Infilled Land (Water)					
Registered Landfill Sites	pg 5				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 6	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 6	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 8		1	3	1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 9	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities	pg 9		2	1	
Non Coal Mining Areas of Great Britain	pg 9	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 10		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 10		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				n/a	n/a
Radon Potential - Radon Affected Areas	pg 11	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 11	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 12			1	2
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 12			1	2
Points of Interest - Public Infrastructure	pg 12				1
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 13				1
Areas of Adopted Green Belt	pg 13	1			
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (E)	0	1	350000 165065
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (SW)	0	1	349377 165065
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (S)	35	1	349377 165000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (E)	72	1	350000 165000
1	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Western Apron Aircraft Parking Area Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Land Yeo/Kenn/Blind Yeo Reference: 103554 Permit Version: 2 Effective Date: 17th December 2012 Issued Date: 17th December 2012 Revocation Date: 26th February 2015 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	252	2	349730 165340
1	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Western Apron Aircraft Parking Area Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Land Yeo/Kenn/Blind Yeo Reference: 103554 Permit Version: 1 Effective Date: 10th October 2007 Issued Date: 1st February 2007 Revocation Date: 16th December 2012 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	252	2	349730 165340
2	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: River Congresbury Yeo Reference: 101449 Permit Version: 1 Effective Date: 20th March 2001 Issued Date: 23rd March 2001 Revocation Date: 1st April 2007 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A12NW (NE)	299	2	350000 165400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896rk Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	310	2	349739 165399
4	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896rk Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A16SE (NE)	364	2	350026 165466
4	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Chew Reference: 103335 Permit Version: 2 Effective Date: 17th December 2012 Issued Date: 17th December 2012 Revocation Date: 26th February 2015 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Soakaway Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A16SE (NE)	368	2	350020 165470
4	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Chew Reference: 103335 Permit Version: 1 Effective Date: 3rd March 2006 Issued Date: 3rd March 2006 Revocation Date: 16th December 2012 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A16SE (NE)	368	2	350020 165470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Mr Ashman Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: The Cart House Goblin Combe, Redhill, Wrington, Bristol, Bs18 7sw Authority: Environment Agency, South West Region Catchment Area: Land Yeo/Kenn/Blind Yeo Reference: 013501 Permit Version: 1 Effective Date: 9th May 1997 Issued Date: 3rd June 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land - Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A8SW (SE)	677	2	349710 164380
6	Discharge Consents Operator: Ms Hazel Johns Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Corner Cottage The Batch, Downside, Backwell, Bristol, Bs48 3dl Authority: Environment Agency, South West Region Catchment Area: Yeo Reference: 103579 Permit Version: 1 Effective Date: 2nd October 2006 Issued Date: 2nd October 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A16NE (NE)	862	2	350021 165965
7	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Lulsgate Downside Wwtw, Downside Road, Backwell, Bristol, Bs48 3dn Authority: Environment Agency, South West Region Catchment Area: River Congresbury Yeo Reference: 100936 Permit Version: 2 Effective Date: 6th April 2016 Issued Date: 6th April 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Into Land Environment: Receiving Water: Groundwater Via Infiltration System Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A16NE (NE)	872	2	350178 165982
8	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Lulsgate Downside Wwtw, Downside Road, Backwell, Bristol, Bs48 3dn Authority: Environment Agency, South West Region Catchment Area: River Congresbury Yeo Reference: 100936 Permit Version: 1 Effective Date: 4th April 2001 Issued Date: 20th April 2001 Revocation Date: 5th April 2016 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway(G) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A16NE (NE)	951	2	350136 166059
	Nearest Surface Water Feature	A11SE (SE)	299	-	349569 164752

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 36 Mid Glamorgan Scale: 1:100,000	A11SE (SW)	0	2	349377 165065
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 37 Southern Cotswolds Scale: 1:100,000	A12SW (E)	0	2	350000 165065
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A11SE (SW)	0	1	349377 165065
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A12SW (E)	0	1	350000 165065
	Superficial Aquifer Designations No Data Available				
9	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A11SE (SW)	0	2	349377 165065
10	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A11SE (SW)	0	2	349377 165065
11	Source Protection Zones Name: Chelvey Well Source: Environment Agency, Head Office Reference: Sw044 Type: Zone IIc (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater - subsurface activity only.	A14SE (NW)	648	2	348934 165652
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A15SW (NW)	561	3	349031 165591

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Historical Landfill Sites Licence Holder: Ashman and Ashman Location: Goblin Combe Farm, Winters Lane, Redhill, Bristol Name: Part Plot 8429 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09090 First Input Date: 20th March 1979 Last Input Date: 31st December 1987 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0100/0049 BGS Ref: Not Supplied Other Ref: L/WG/T/49A	A8SW (SE)	769	2	349838 164293
	Local Authority Landfill Coverage Name: North Somerset Unitary Council - Has supplied landfill data		0	4	349377 165065
14	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A10SE (W)	225	-	348987 165020
15	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A11NE (NE)	316	-	349661 165400
16	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A8SW (SE)	733	-	349917 164334
17	Registered Landfill Sites Licence Holder: M J & S G Ashman Licence Reference: L/WG/T/ 49A Site Location: Goblin Combe Farm, Winters Lane, Wrington, Bristol, Avon Licence Easting: 349820 Licence Northing: 164260 Operator Location: As Site Address Authority: Environment Agency - South West Region, North Wessex Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 26th February 1979 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Constr'N/Demol. Inert/Non-Haz/Non-Tox Excavated Natural Materials \$ Glass/Cullet Sawdust/Bark Prohibited Waste: Liquid Wastes Environment Agency Inert Waste must give specific authorisation for this waste to be acceptedWaste requires prior approval	A8SW (SE)	802	2	349820 164260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Dinantian Rocks (Undifferentiated)	A11SE (SW)	0	1	349377 165065
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A15SE (N)	0	1	349377 165500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11SE (SW)	0	1	349377 165065
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10SE (W)	216	1	349000 165000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 30 - 45 mg/kg	A7NE (S)	348	1	349523 164446
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A15SW (NW)	491	1	349171 165555
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: 300 - 600 mg/kg Nickel Concentration: 30 - 45 mg/kg	A7NE (S)	576	1	349381 164465

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SE (NW)	720	1	348999 165755
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (S)	739	1	349500 164289
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NE (NW)	758	1	348958 165778
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A16NW (NE)	775	1	350014 165940
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (SE)	802	1	350000 164269
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A4NW (SE)	819	1	350000 164000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A16NW (NE)	861	1	350000 166000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A16NE (NE)	866	1	350189 166068
18	BGS Recorded Mineral Sites Site Name: Abspit Pond Quarry Location: , Lulsgate Bottom, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67376 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Black Rock Limestone Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A10SE (W)	228	1	348983 165028
19	BGS Recorded Mineral Sites Site Name: Broadfield Down Location: , Lulsgate, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 8098 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Black Rock Limestone Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12SW (SE)	278	1	349820 164785
20	BGS Recorded Mineral Sites Site Name: Cooks Farm Quarry Location: , Lulsgate Bottom, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67385 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Black Rock Limestone Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A11NE (NE)	322	1	349662 165407
21	BGS Recorded Mineral Sites Site Name: Cooks Farm Quarry Location: , Lulsgate Bottom, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67386 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Black Rock Limestone Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A16SW (NE)	339	1	349891 165435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	BGS Recorded Mineral Sites Site Name: Goblincombe Farm Quarry Location: , Redhill, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67393 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Triassic Geology: Brockley Down Limestone Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A8SW (SE)	726	1	349918 164341
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Mining Instability Mining Evidence: Inconclusive Metaliferous Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A11SE (SW)	0	-	349377 165065
	Natural Cavities Easting: 349500 Northing: 165190 Distance: 113 Quadrant Reference: A11 Quadrant Reference: NE Bearing Ref: NE Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	A11NE (NE)	113	5	349500 165190
	Natural Cavities Easting: 350050 Northing: 165350 Distance: 247 Quadrant Reference: A12 Quadrant Reference: NE Bearing Ref: NE Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	A12NE (NE)	247	5	350050 165350
	Natural Cavities Easting: 350330 Northing: 165500 Distance: 383 Quadrant Reference: A16 Quadrant Reference: SE Bearing Ref: NE Cavity Type: Sinkhole x 2 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	A16SE (NE)	383	5	350330 165500
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	350000 165065
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11SE (SW)	0	1	349377 165065
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	35	1	349377 165000
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	72	1	350000 165000
	Non Coal Mining Areas of Great Britain Risk: Likely Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	140	1	349523 165312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Non Coal Mining Areas of Great Britain Risk: Highly Likely Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	240	1	349574 165398
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SW)	0	1	349377 165065
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	350000 165065
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	35	1	349377 165000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	72	1	350000 165000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SW)	0	1	349377 165065
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	350000 165065
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	35	1	349377 165000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	58	1	349725 165000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	72	1	350000 165000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SW)	0	1	349377 165065
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	350000 165065
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	35	1	349377 165000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	72	1	350000 165000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (SW)	0	1	349377 165065
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	350000 165065
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	35	1	349377 165000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	72	1	350000 165000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SW)	0	1	349377 165065
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	350000 165065
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	35	1	349377 165000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	58	1	349725 165000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	72	1	350000 165000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (SW)	0	1	349377 165065
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	350000 165065
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (S)	35	1	349377 165000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	72	1	350000 165000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SE (SW)	0	1	349377 165065
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	349999 165065
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11SE (SW)	0	1	349377 165065
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A12SW (E)	0	1	349999 165065

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Contemporary Trade Directory Entries Name: Virtual Reality Ltd Location: The Hangars, Bristol International Airport, Bristol, BS48 3EP Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A12NW (NE)	285	-	349895 165381
24	Contemporary Trade Directory Entries Name: Goblin Parking Location: Goblin Combe Farm, Winters Lane, Redhill, Bristol, BS40 5SW Classification: Car Painters & Sprayers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (S)	671	-	349633 164382
25	Contemporary Trade Directory Entries Name: Broadfield Park & Fly Location: Broadfield Farm, Winters Lane, Redhill, Bristol, BS40 5SW Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (S)	770	-	349366 164271
26	Points of Interest - Manufacturing and Production Name: Tank Location: BS40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A10NE (W)	367	6	348865 165176
27	Points of Interest - Manufacturing and Production Name: John Marshall Location: Downside Road, Backwell, Bristol, BS48 3DN Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A16SE (NE)	629	6	350115 165736
28	Points of Interest - Manufacturing and Production Name: Tank Location: BS40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SW (S)	716	6	349285 164321
29	Points of Interest - Public Infrastructure Name: Sewage Works Location: BS48 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A16NE (NE)	952	6	350139 166061

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Ancient Woodland Name: Not Supplied Reference: 1418505 Area(m ²): 18241.71 Type: Ancient and Semi-Natural Woodland	A8SW (SE)	915	7	349992 164155
31	Areas of Adopted Green Belt Authority: North Somerset Council Plan Name: North Somerset Replacement Local Plan Status: Adopted Plan Date: 30th March 2007	A11SE (SW)	0	4	349377 165065

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices North Somerset Council - Environmental Health Department	September 2014	Annual Rolling Update
Discharge Consents Environment Agency - South West Region	April 2017	Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - South West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - South West Region	April 2017	Quarterly
Local Authority Integrated Pollution Prevention And Control North Somerset Council - Environmental Health Department	September 2013	Annual Rolling Update
Local Authority Pollution Prevention and Controls North Somerset Council - Environmental Health Department	March 2015	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements North Somerset Council - Environmental Health Department	September 2013	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	March 2017	
Pollution Incidents to Controlled Waters Environment Agency - South West Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - South West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - South West Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - South West Region	January 2015	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	April 2017 April 2017	Quarterly Quarterly
Water Abstractions Environment Agency - South West Region	October 2016	Quarterly
Water Industry Act Referrals Environment Agency - South West Region	April 2017	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	April 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2017	Quarterly

Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2017	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2017	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2017	Quarterly
Flood Defences Environment Agency - Head Office	May 2017	Quarterly
OS Water Network Lines Ordnance Survey	April 2017	6 Weekly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2017	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	May 2017 May 2017	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	May 2017 May 2017	Quarterly Quarterly
Local Authority Landfill Coverage North Somerset Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites North Somerset Council	May 2000	Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2017	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements North Somerset Council	February 2016	Annual Rolling Update
Planning Hazardous Substance Consents North Somerset Council	February 2016	Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2017	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

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

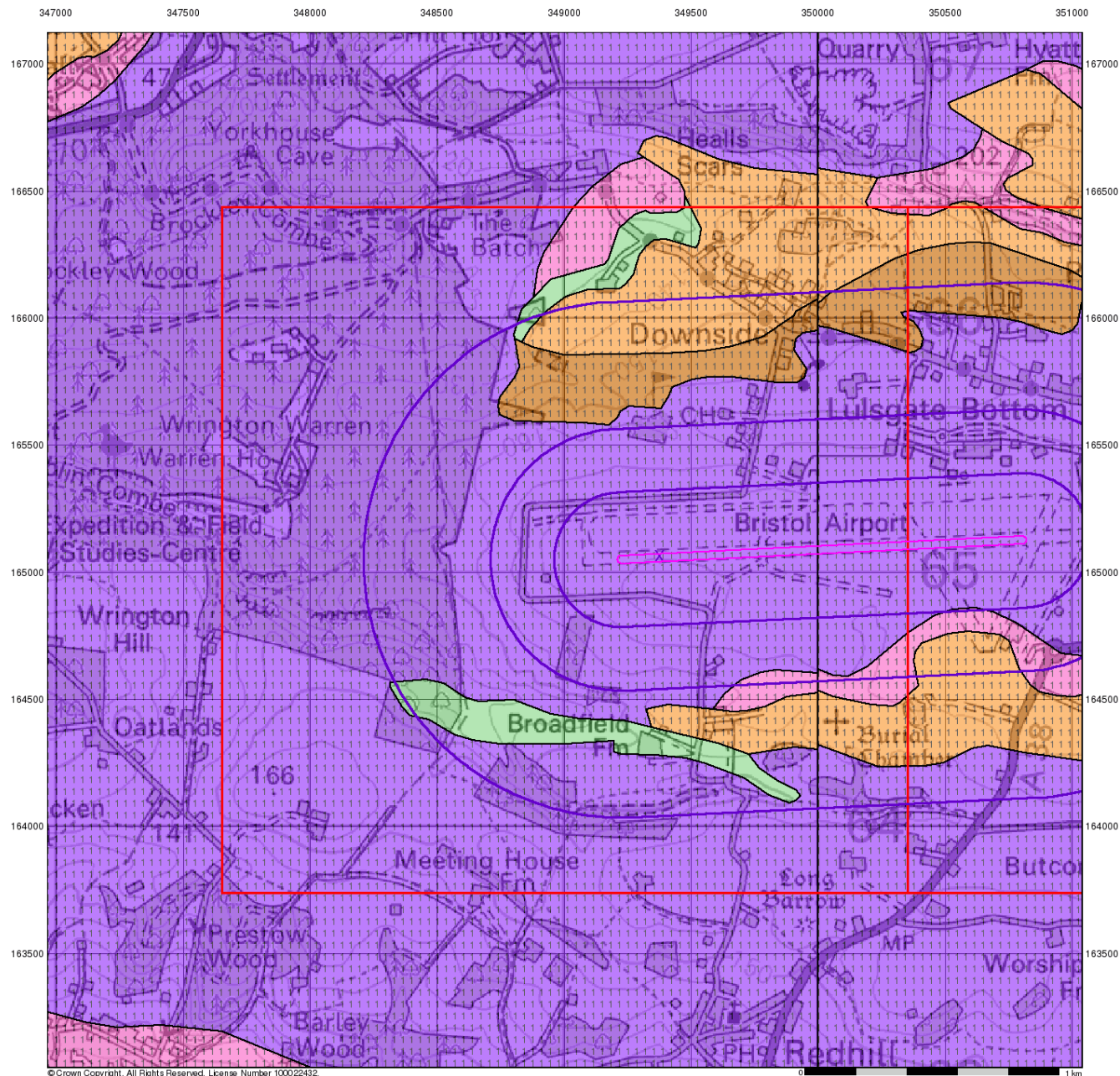
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	May 2017	Bi-Annually
Areas of Adopted Green Belt North Somerset Council	May 2017	As notified
Areas of Unadopted Green Belt North Somerset Council	May 2017	As notified
Areas of Outstanding Natural Beauty Natural England	January 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	January 2017	Bi-Annually
Marine Nature Reserves Natural England	January 2017	Bi-Annually
National Nature Reserves Natural England	January 2017	Bi-Annually
National Parks Natural England	February 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	January 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	January 2017	Bi-Annually
Special Areas of Conservation Natural England	January 2017	Bi-Annually
Special Protection Areas Natural England	January 2017	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	May 2017	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 023 8079 2000 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	North Somerset Council PO Box 140, Town Hall, Weston-super-Mare, Avon, BS23 1UJ	Telephone: 01934 888888 Fax: 01934 888822 Website: www.n-somerset.gov.uk
5	Peter Brett Associates Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
6	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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

0 1 km

amec

Groundwater Vulnerability

General

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

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Minor Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

Water or Sea

Drift Deposit

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

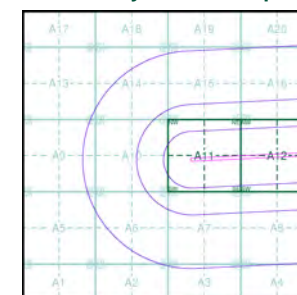
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Site Sensitivity Context Map - Slice A



Order Details

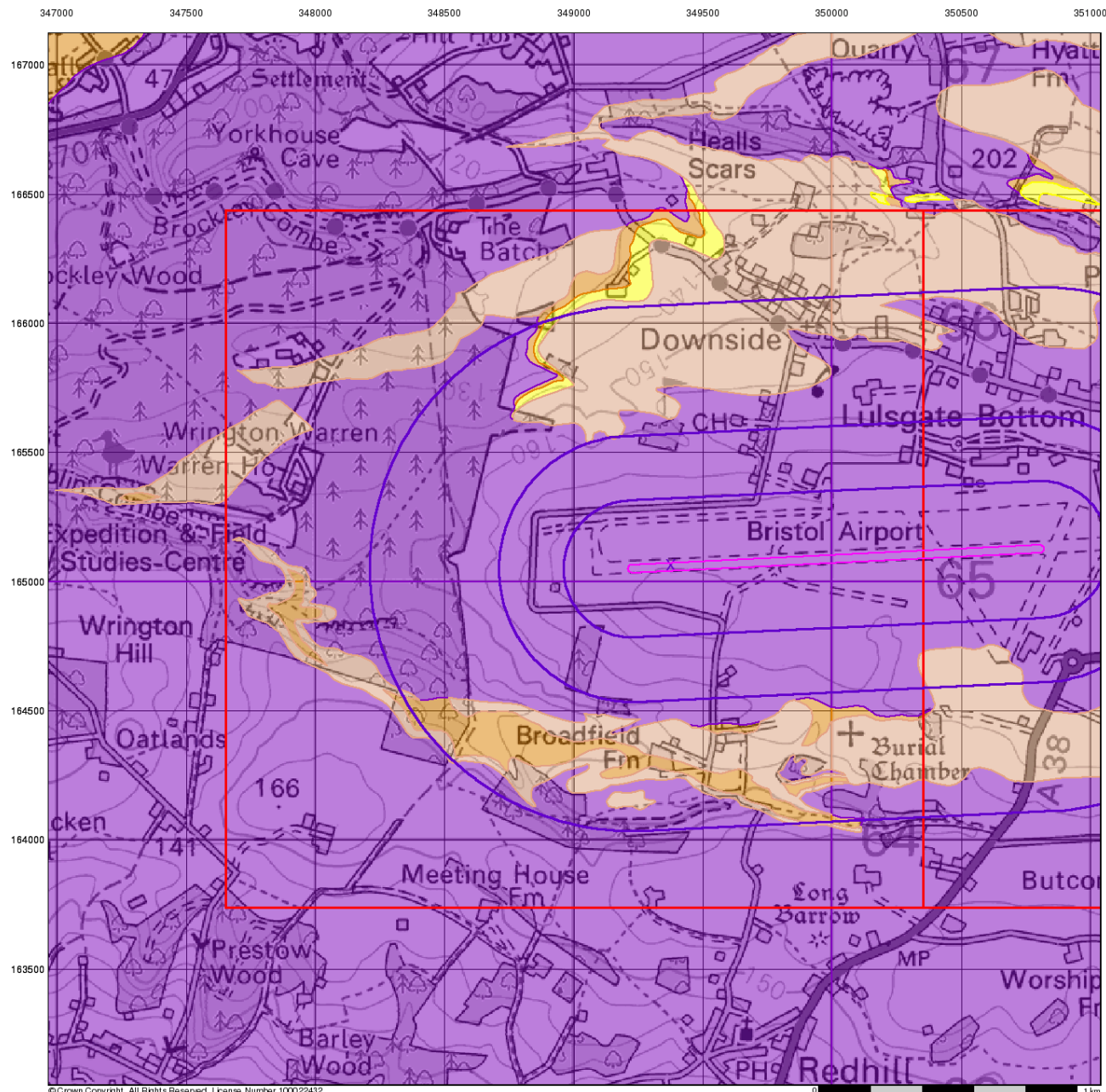
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

Landmark
INFORMATION GROUP

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



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



Bedrock Aquifer Designation

General

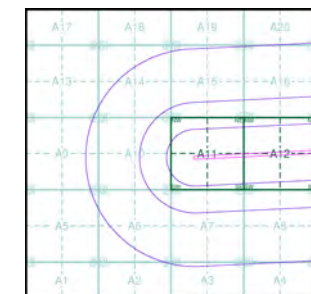
- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

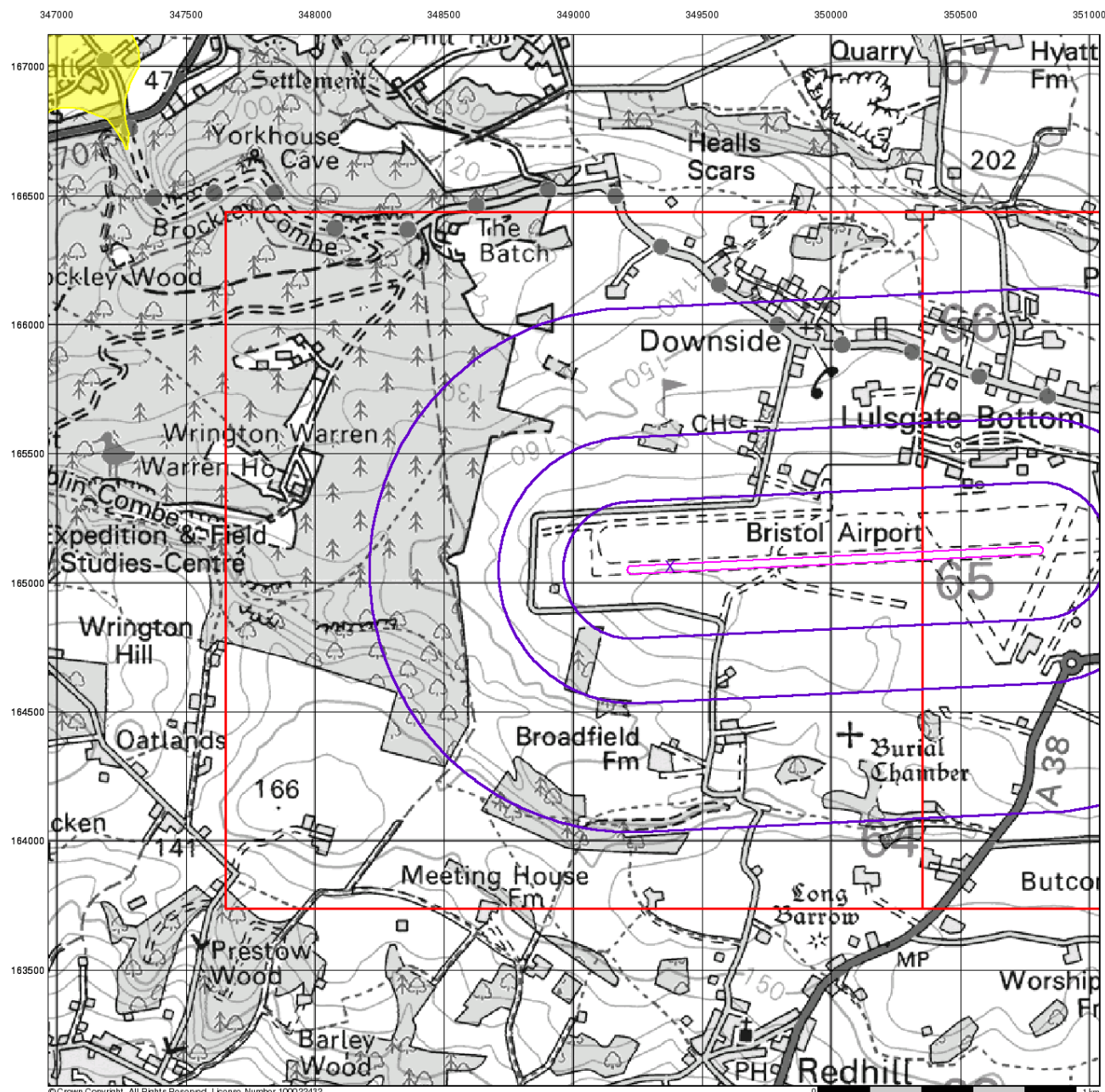
Order Number: 128842570_1_1
 Customer Ref: 38970
 National Grid Reference: 349380, 165060
 Slice: A
 Site Area (Ha): 4.82
 Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



© Crown Copyright. All Rights Reserved. License Number 100022432



Superficial Aquifer Designation

General

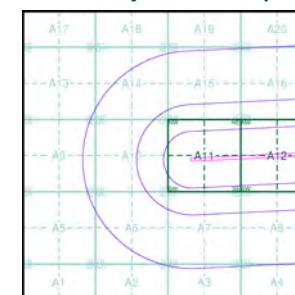
- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

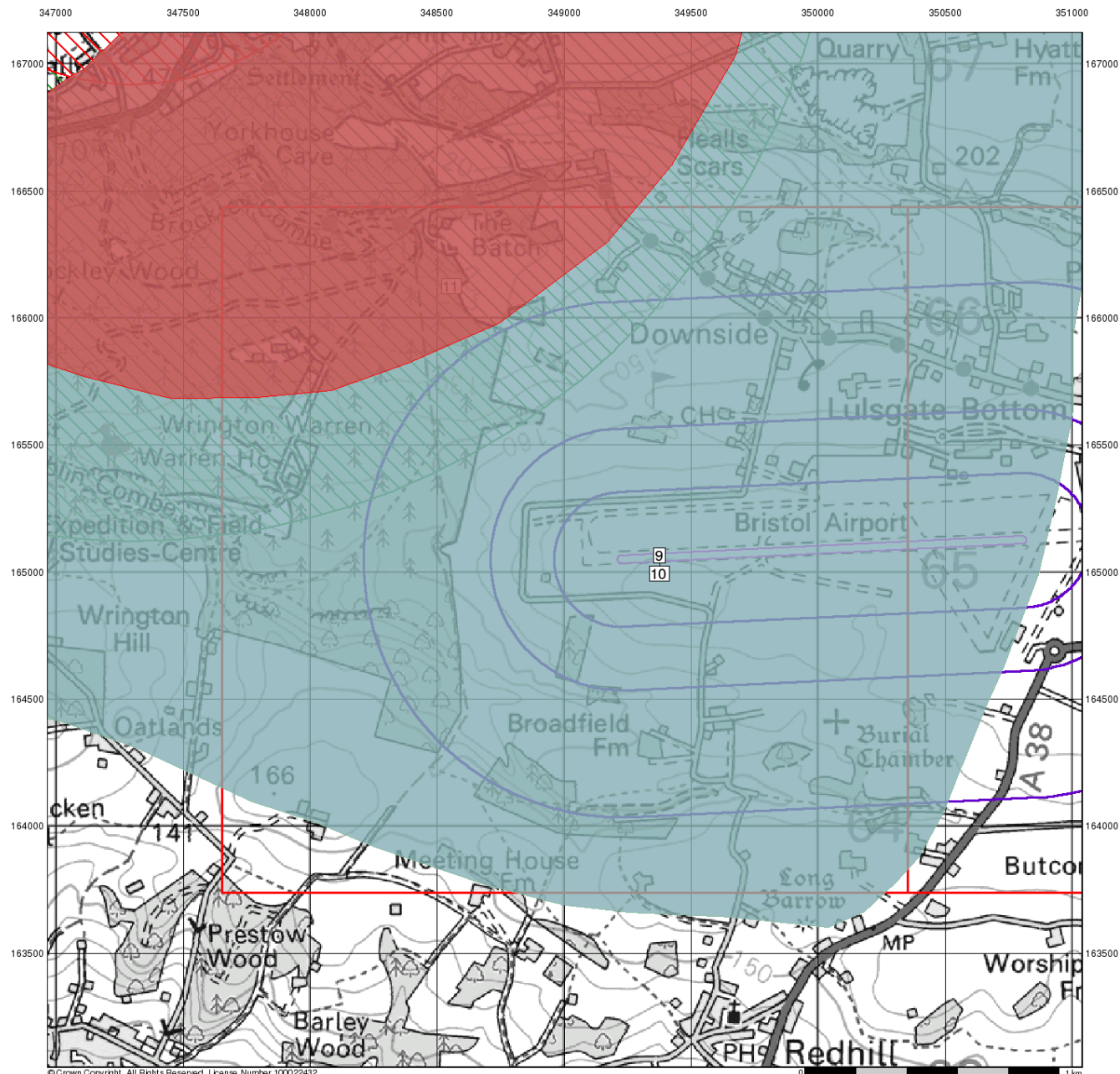
Order Number: 128842570_1_1
 Customer Ref: 38970
 National Grid Reference: 349380, 165060
 Slice: A
 Site Area (Ha): 4.82
 Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

Landmark
 INFORMATION GROUP






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











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

Source Protection Zones

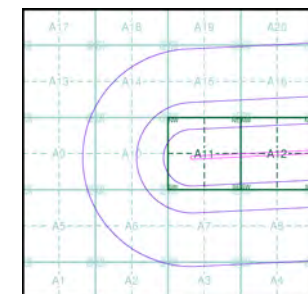
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

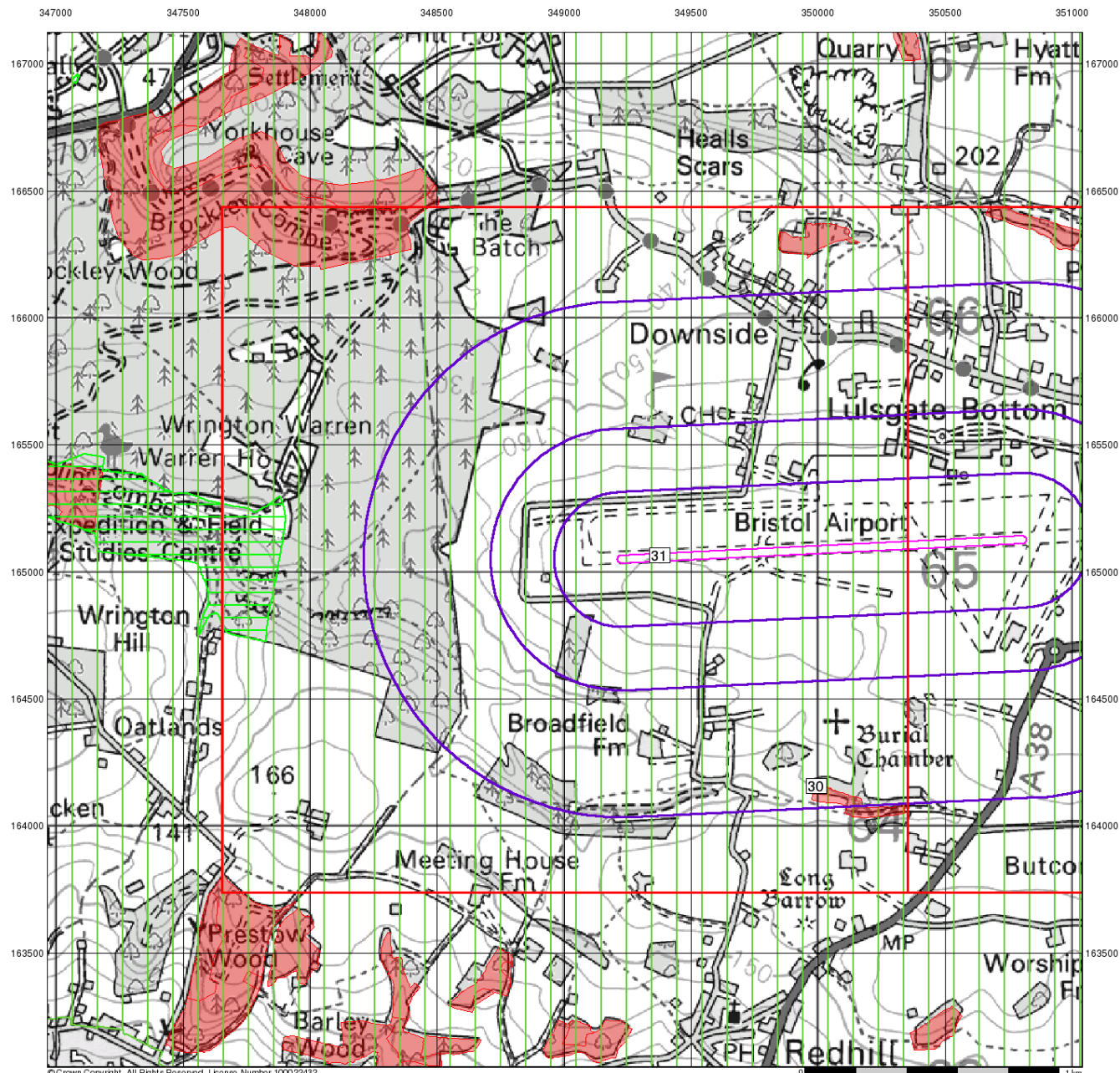
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

Landmark
INFORMATION GROUP

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



© Crown Copyright. All Rights Reserved. License Number 100022432



Sensitive Land Uses

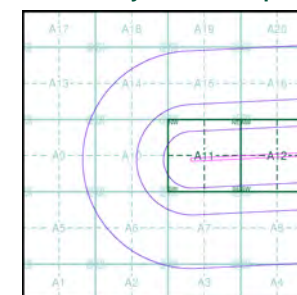
General

- 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

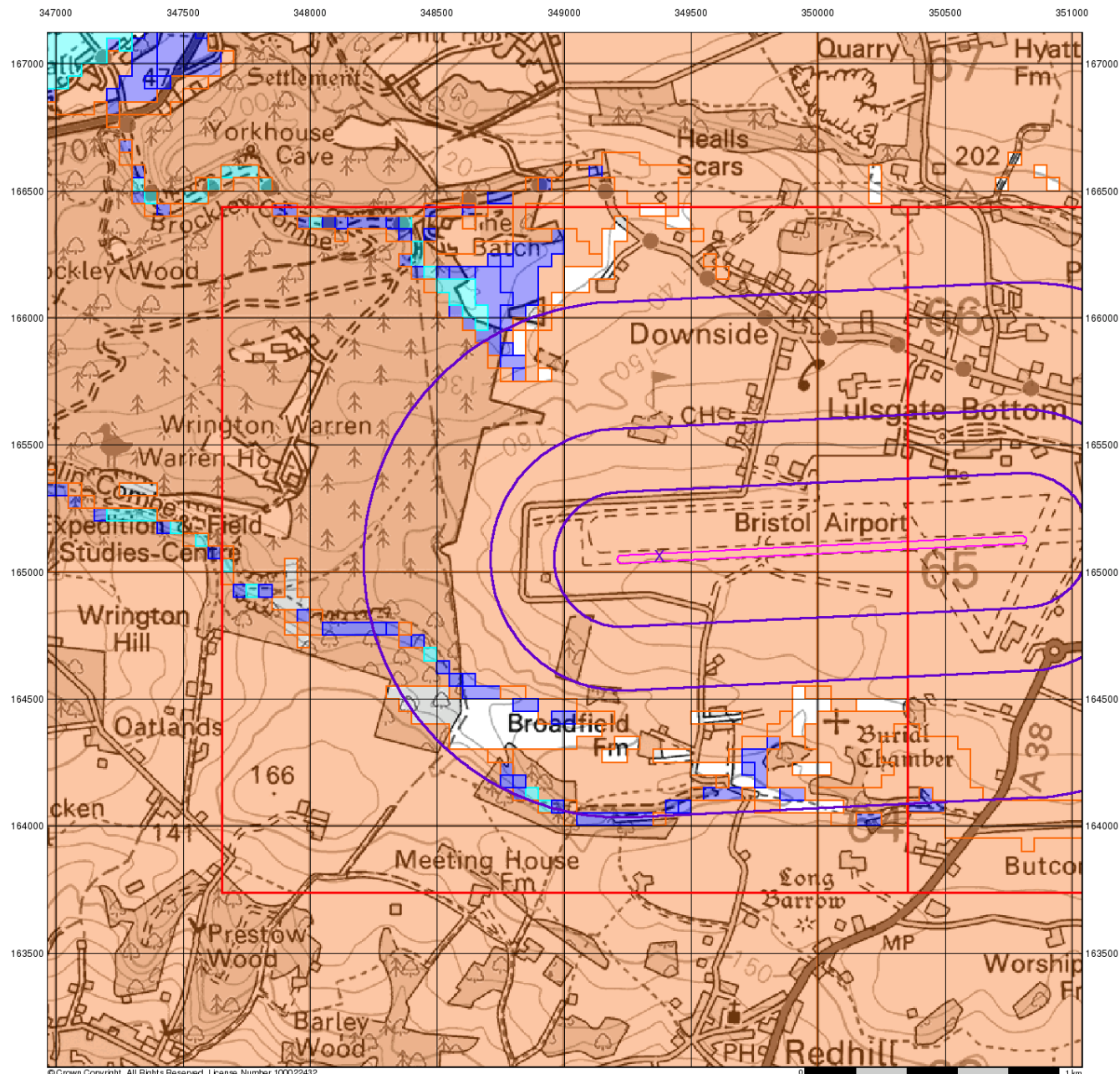
Order Number: 128842570_1_1
 Customer Ref: 38970
 National Grid Reference: 349380, 165060
 Slice: A
 Site Area (Ha): 4.82
 Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



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



BGS Flood GFS Data

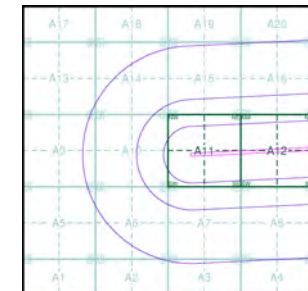
General

- 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

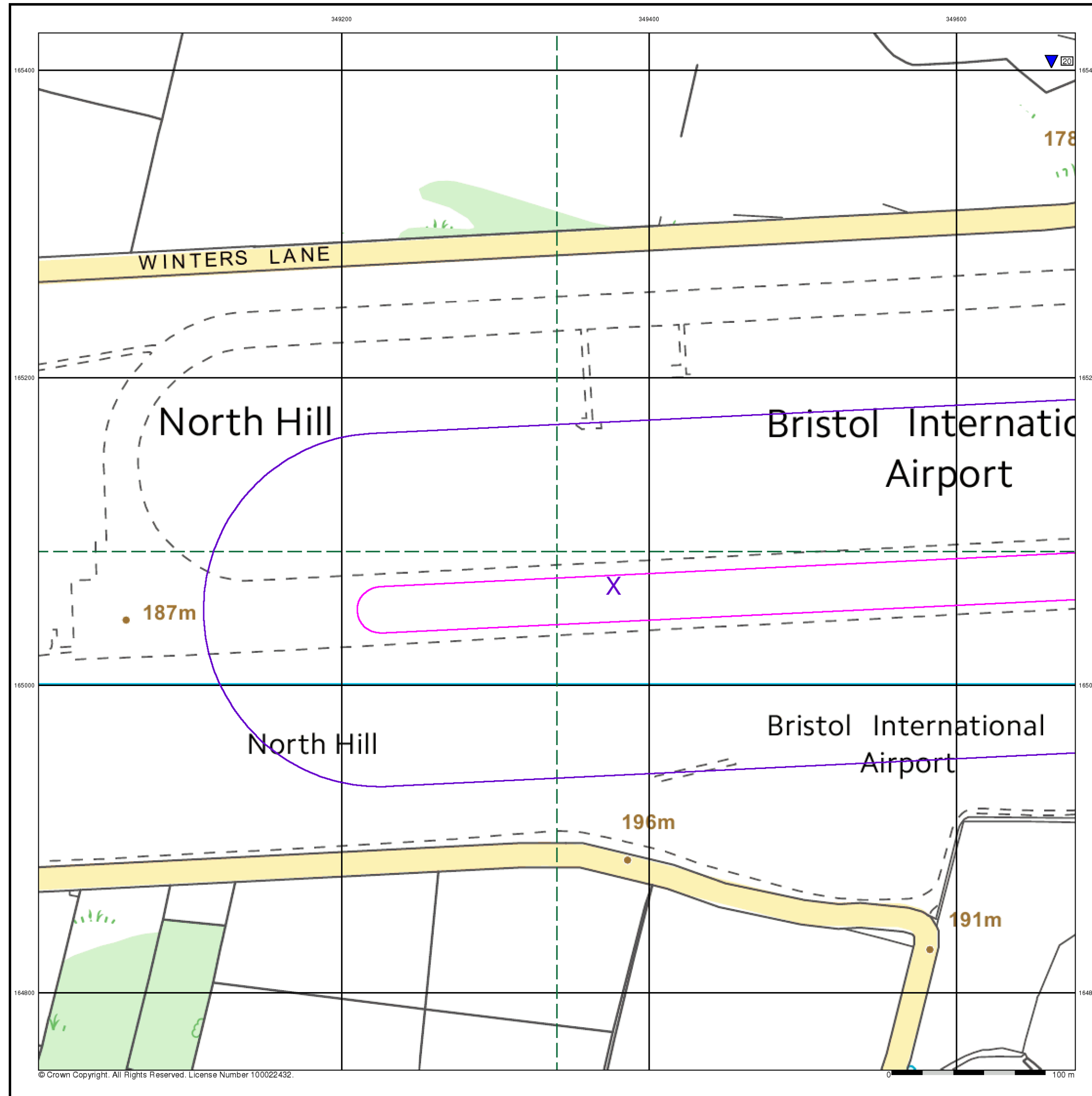
Order Number: 128842570_1_1
 Customer Ref: 38970
 National Grid Reference: 349380, 165060
 Slice: A
 Site Area (Ha): 4.82
 Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



General

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

Agency and Hydrological

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

Waste

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

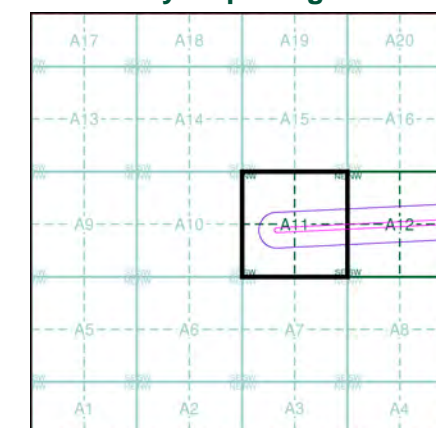
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment A11



Order Details

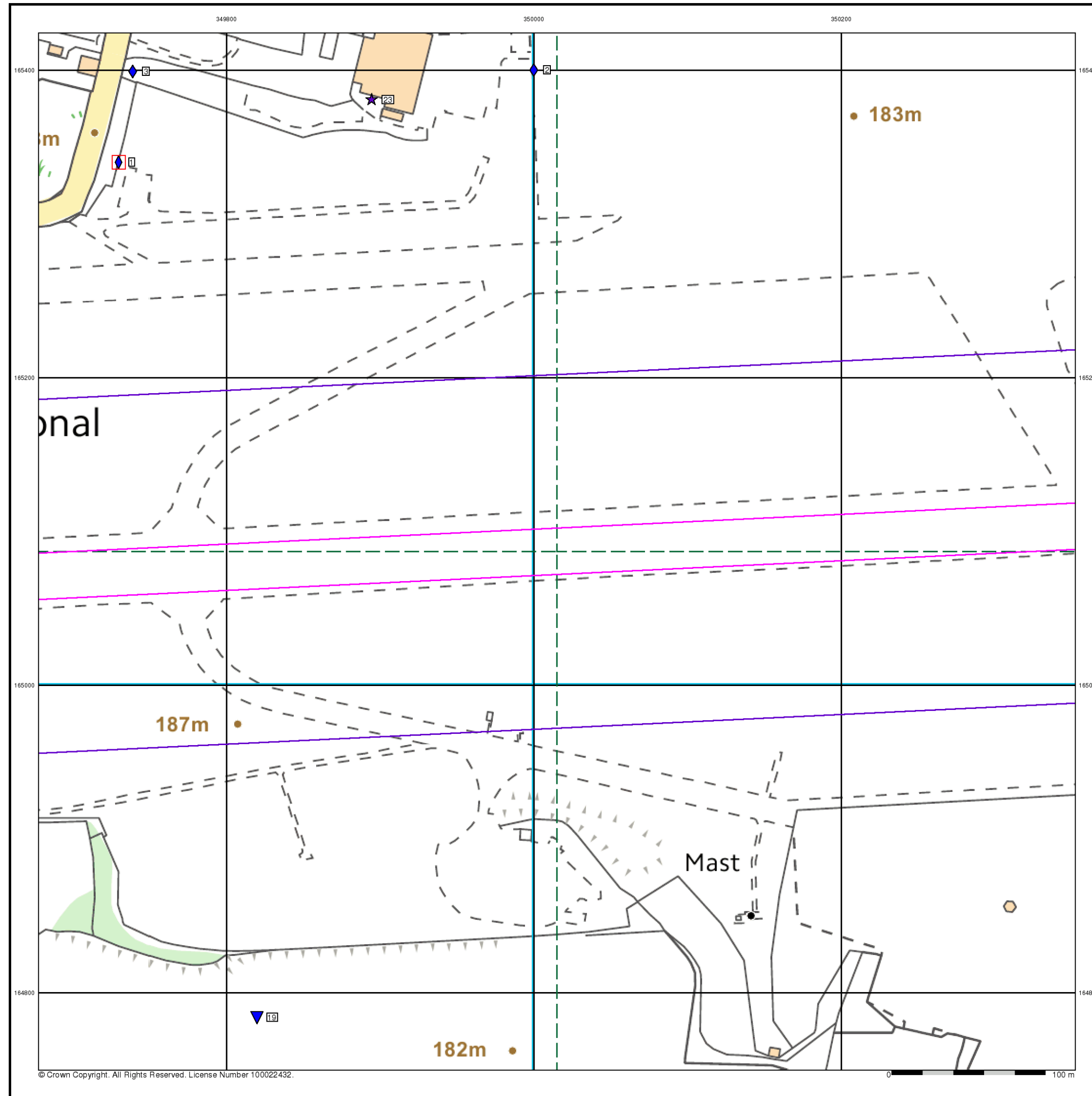
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

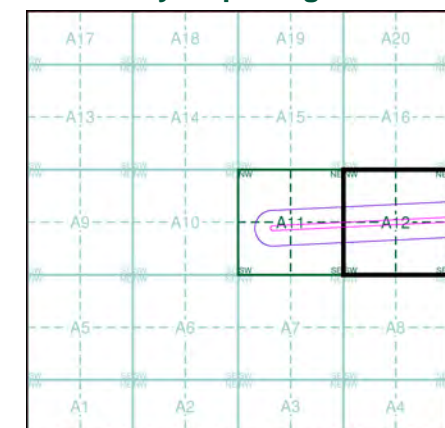


Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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

Site Sensitivity Map - Segment A12

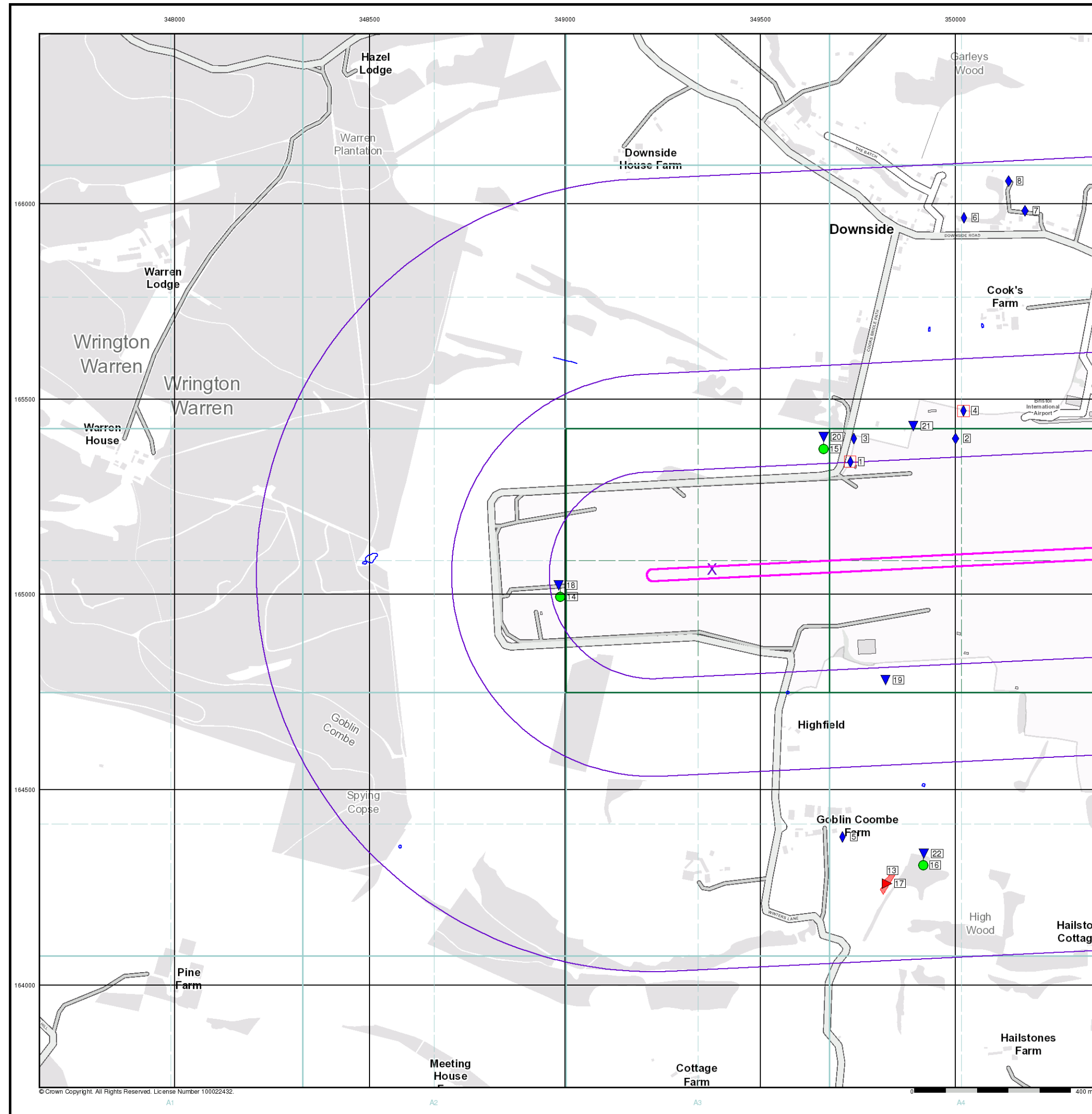


Order Details

Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



General

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

Agency and Hydrological

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

Hazardous Substances

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

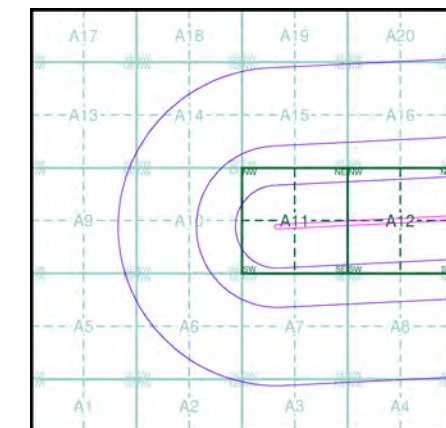
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Slice A



Order Details

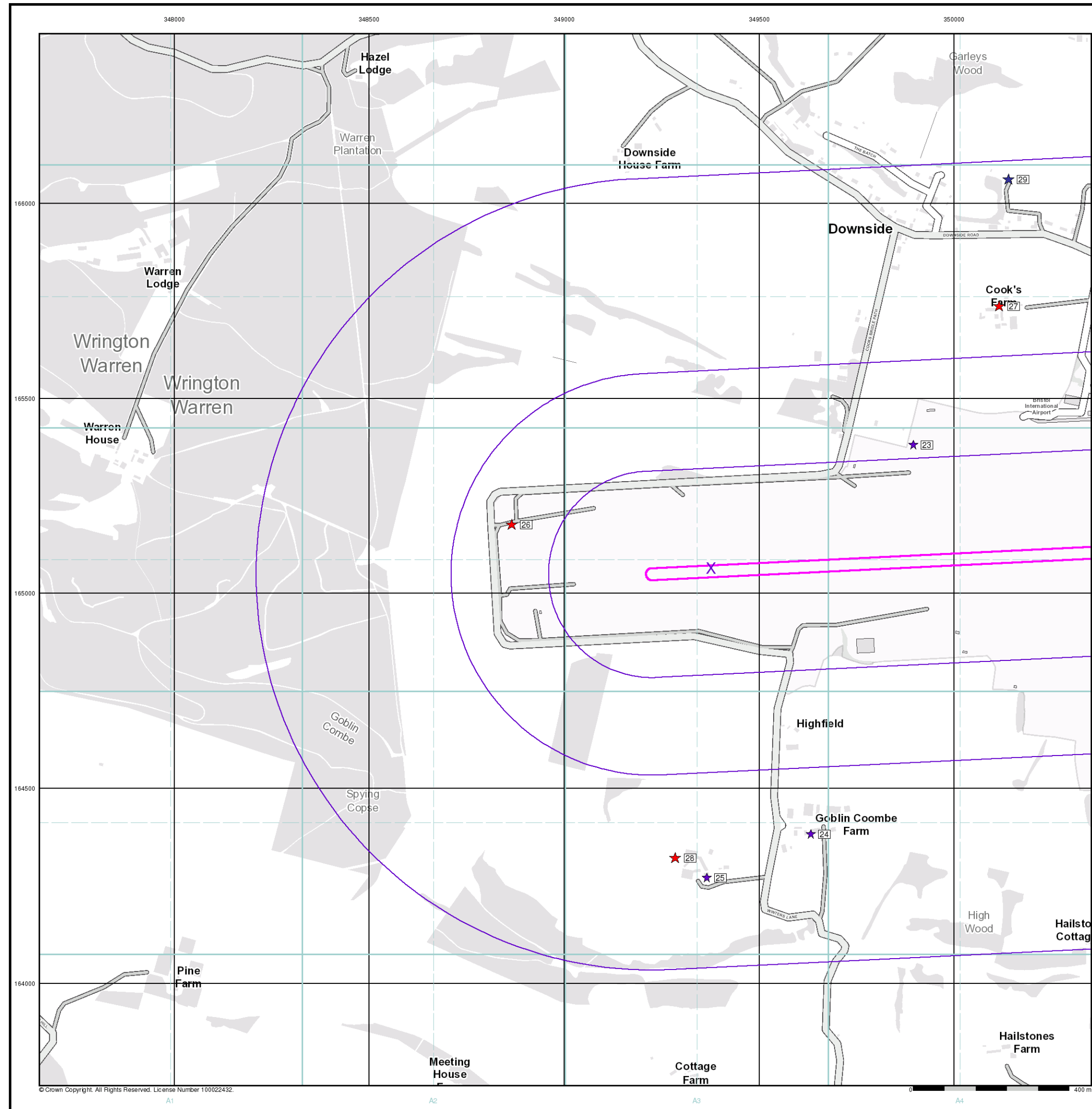
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



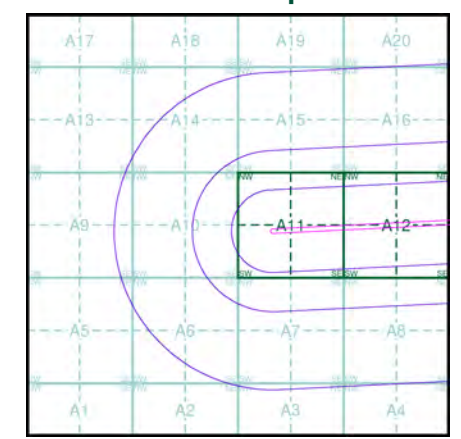
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

Order Number: 128842570_1_1
 Customer Ref: 38970
 National Grid Reference: 349380, 165060
 Slice: A
 Site Area (Ha): 4.82
 Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY








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

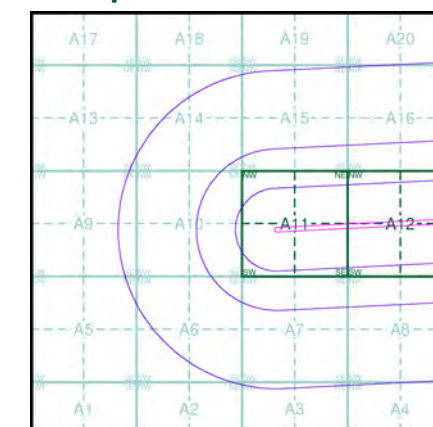
General

-  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

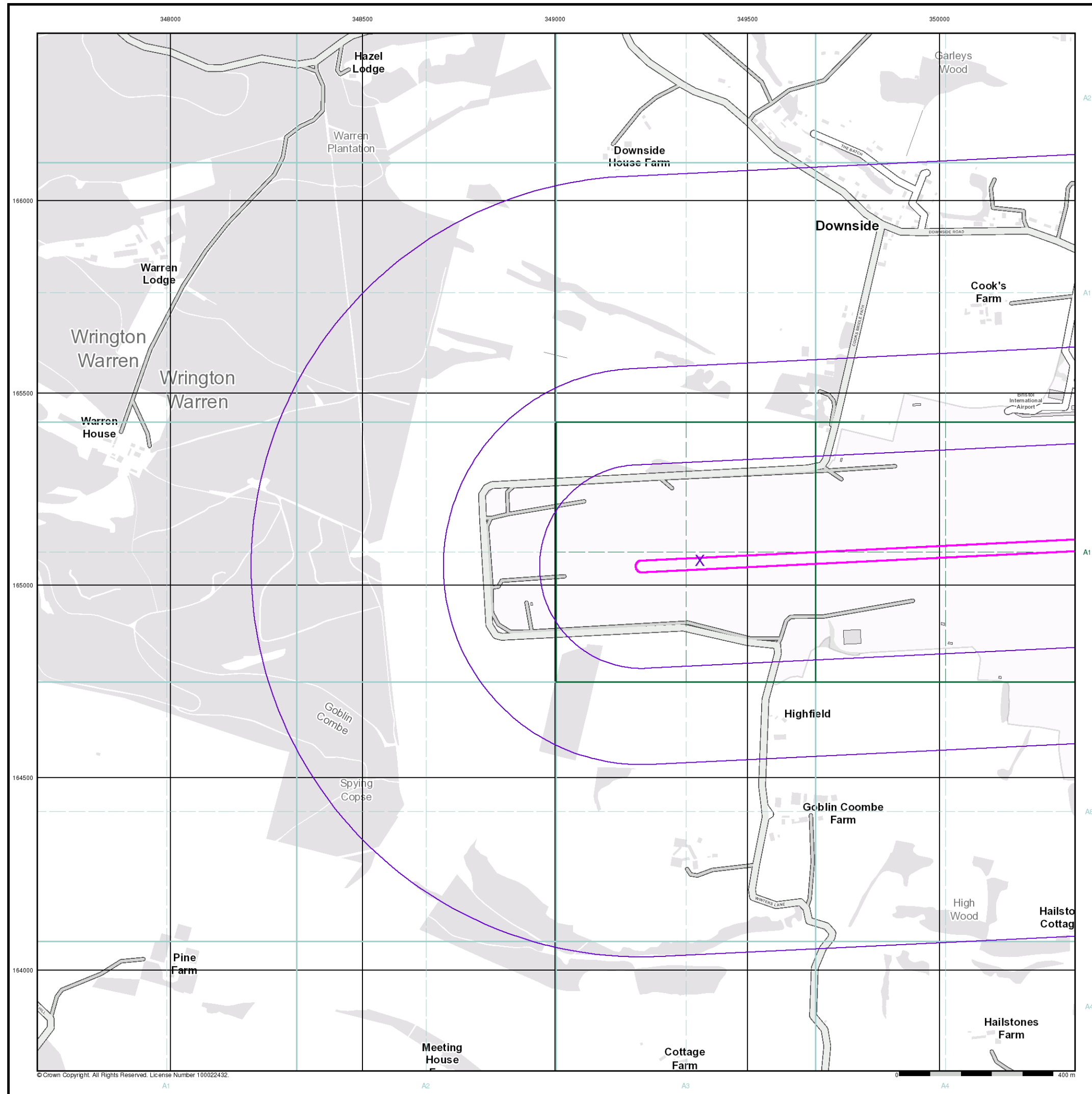


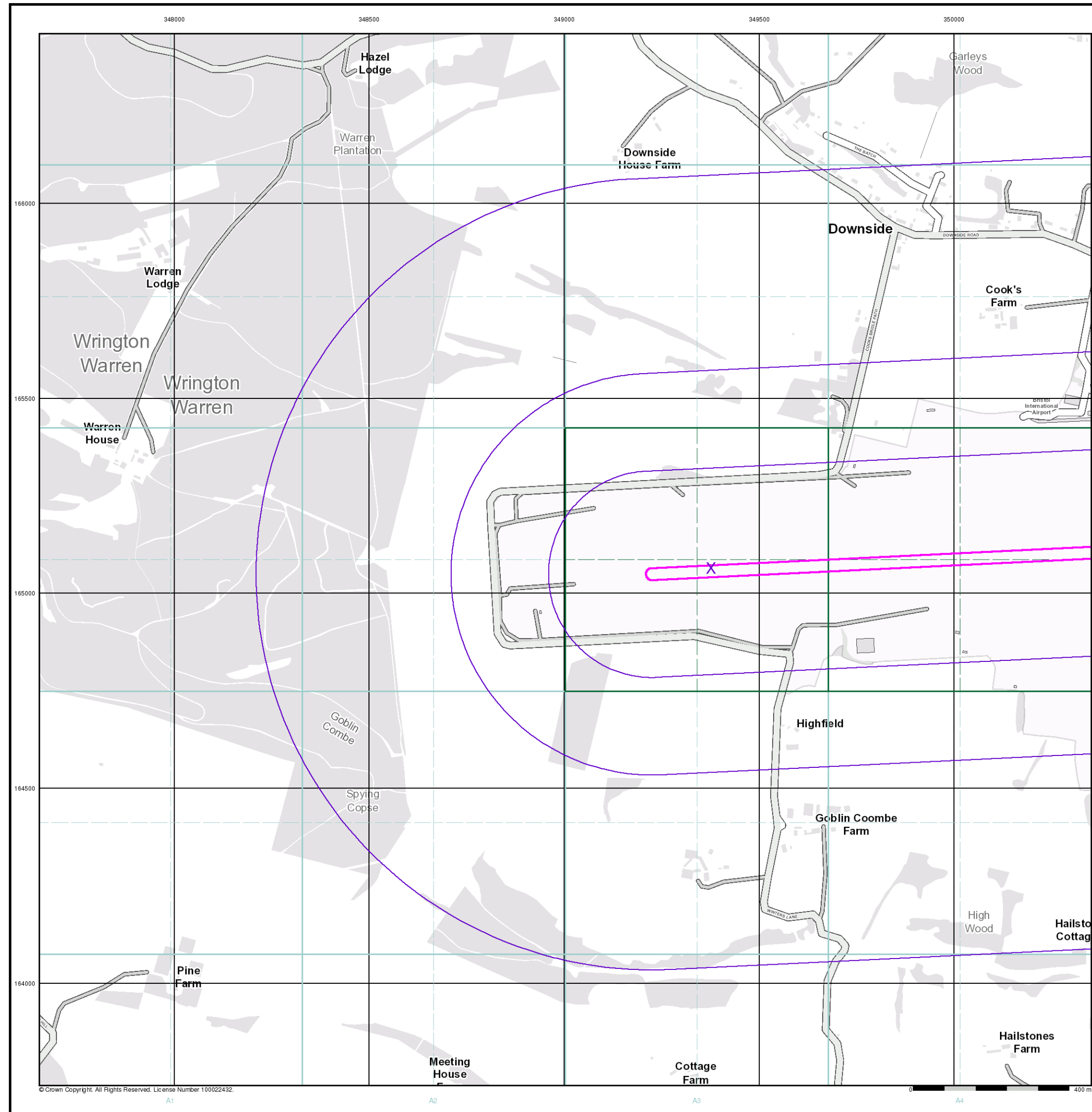
Order Details

Order Number: 128842570_1_1
 Customer Ref: 38970
 National Grid Reference: 349380, 165060
 Slice: A
 Site Area (Ha): 4.82
 Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY





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



General

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

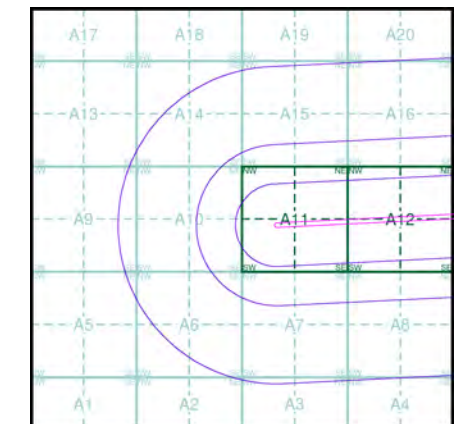
Agency and Hydrological (Boreholes)

- 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

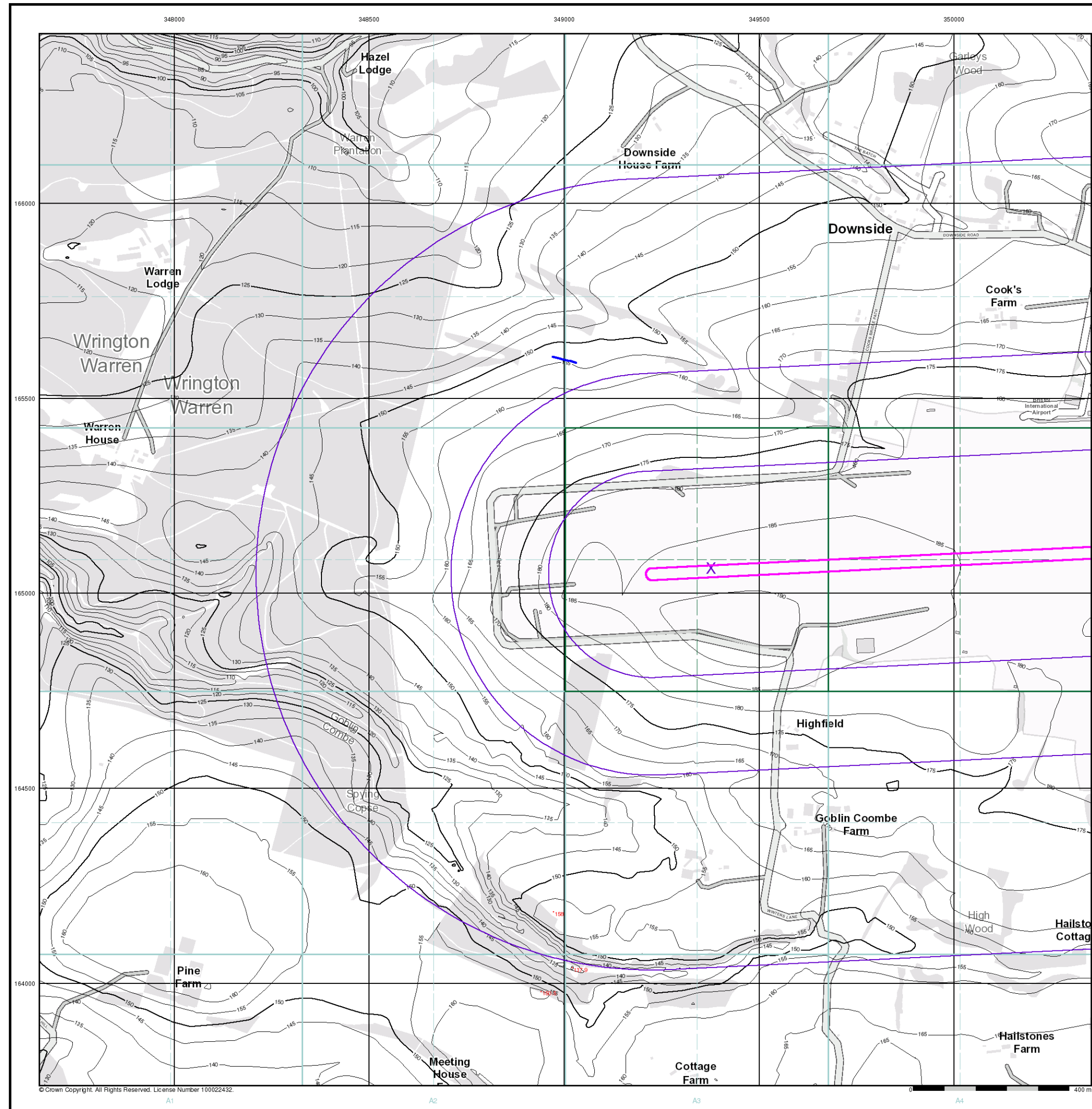
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



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

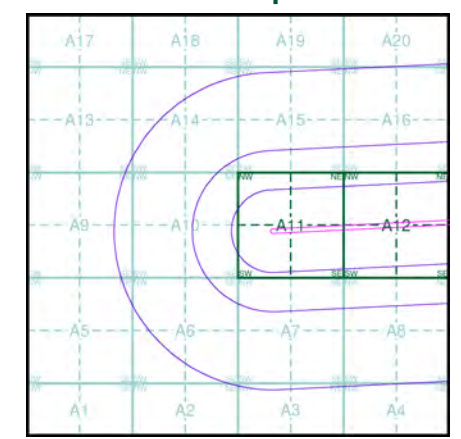


- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

- Contours (height in meters)**
- Standard Contour 105 100 95
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 128842570_1_1

Customer Ref: 38970

National Grid Reference: 349380, 165060

Slice: A

Site Area (Ha): 4.82

Search Buffer (m): 1000

Site Details

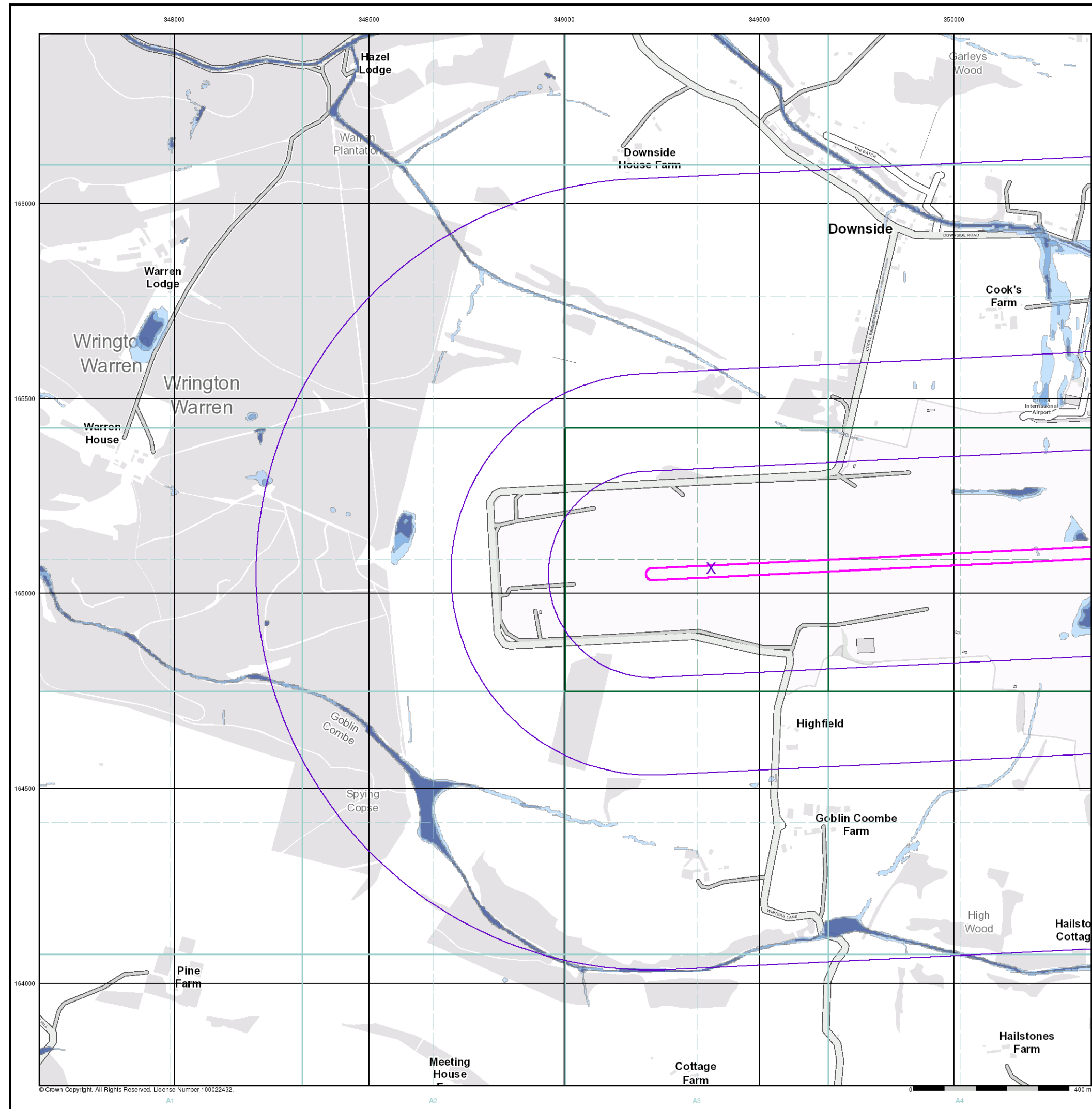
Bristol International Airport, North Side Road, FELTON, BS48 3DY

Landmark INFORMATION GROUP

Tel: 0844 844 9952

Fax: 0844 844 9951

Web: www.envirocheck.co.uk



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



General

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

Risk of Flooding from Surface Water

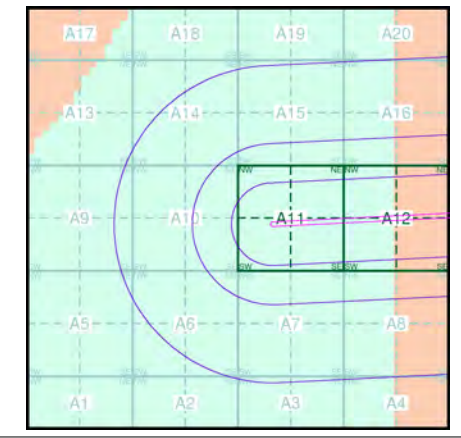
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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

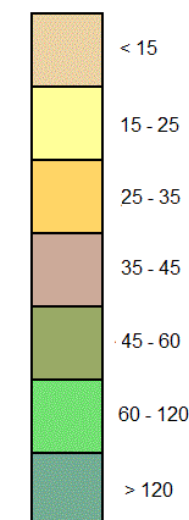


General

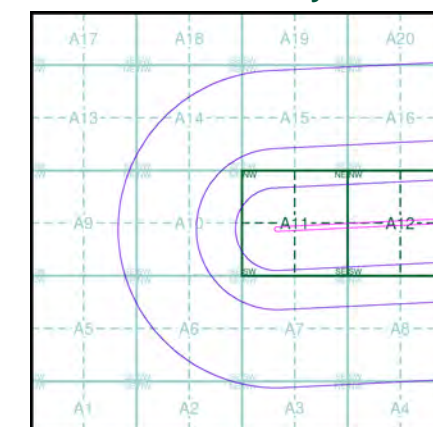
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

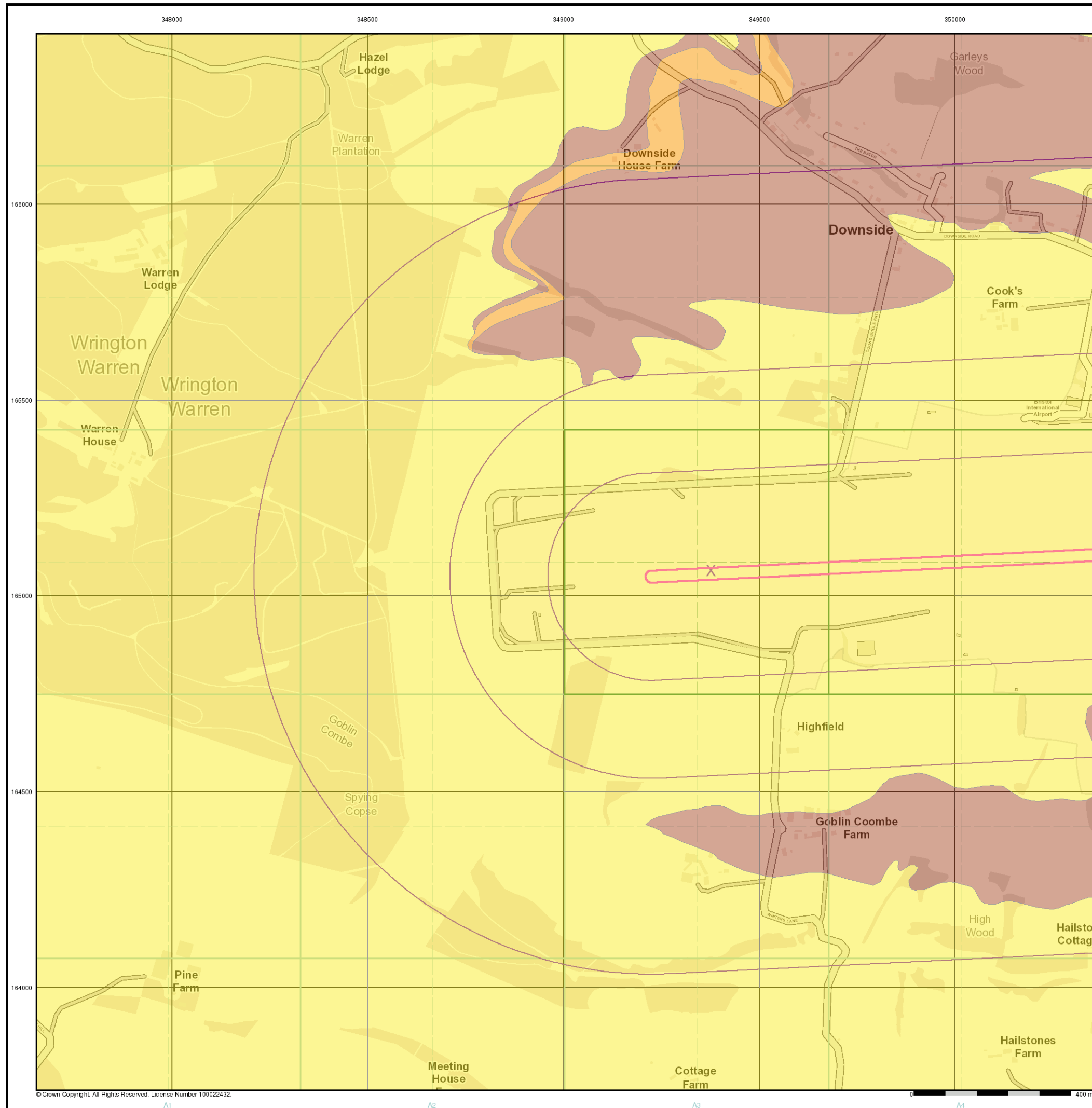
Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

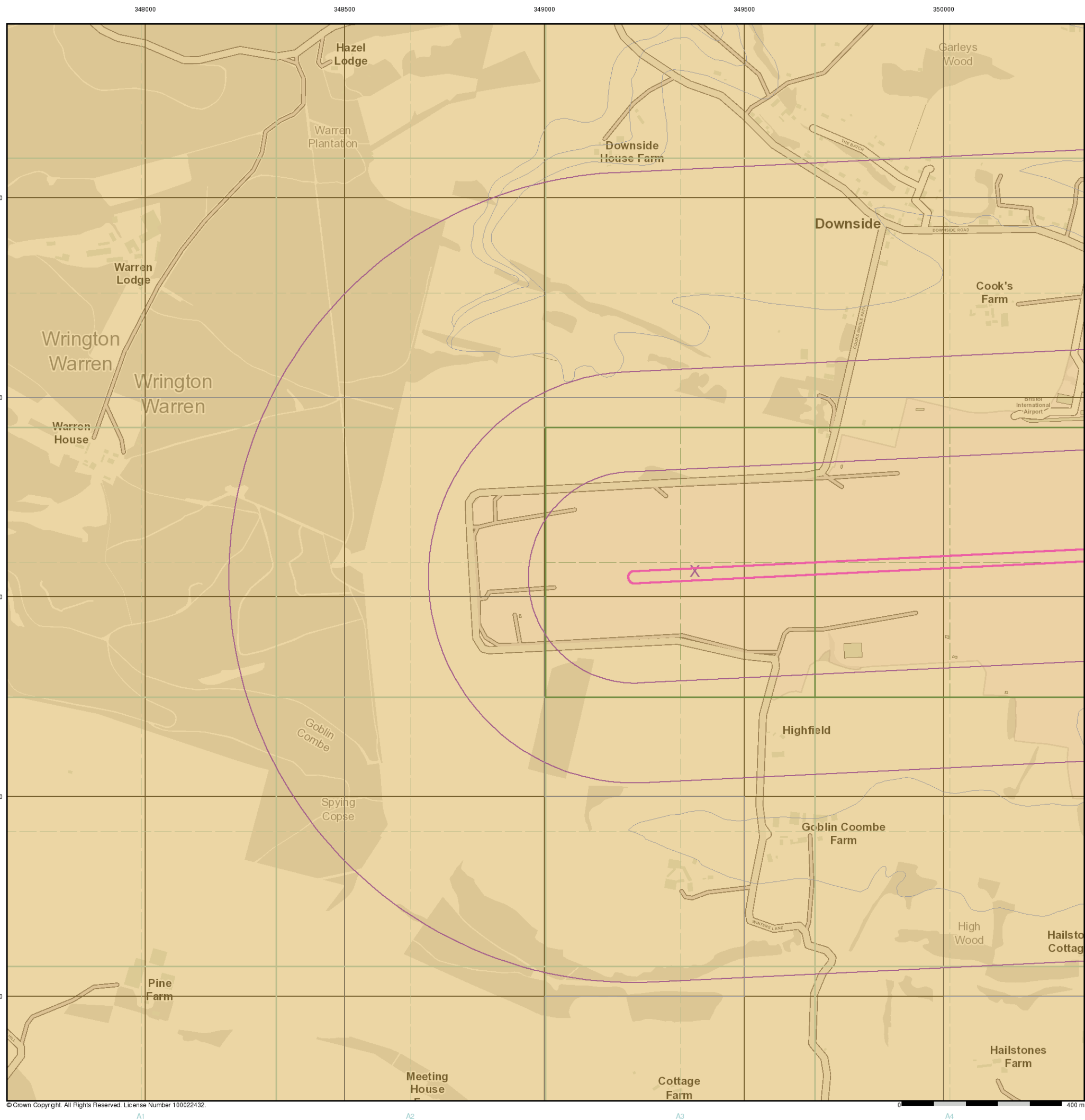
Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



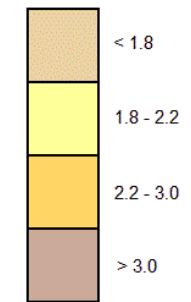


General

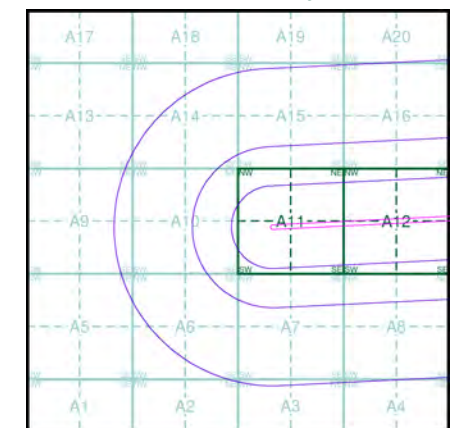
- Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

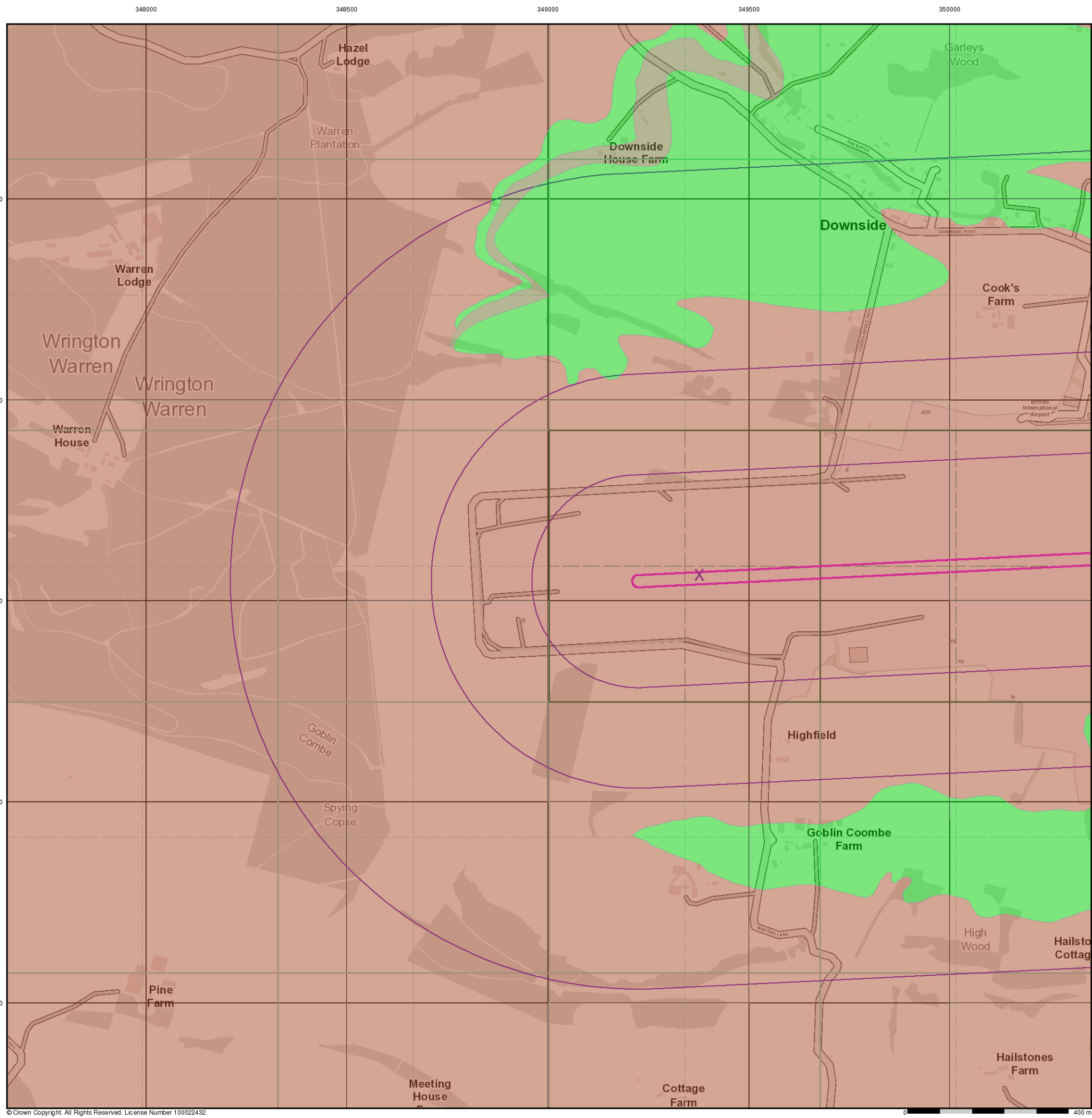
Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



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

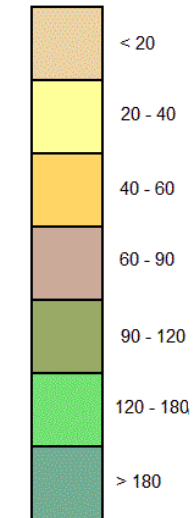


General

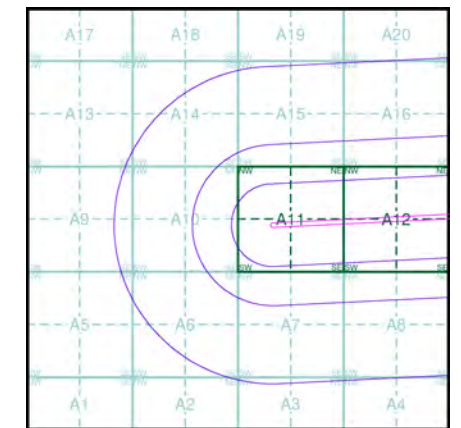
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

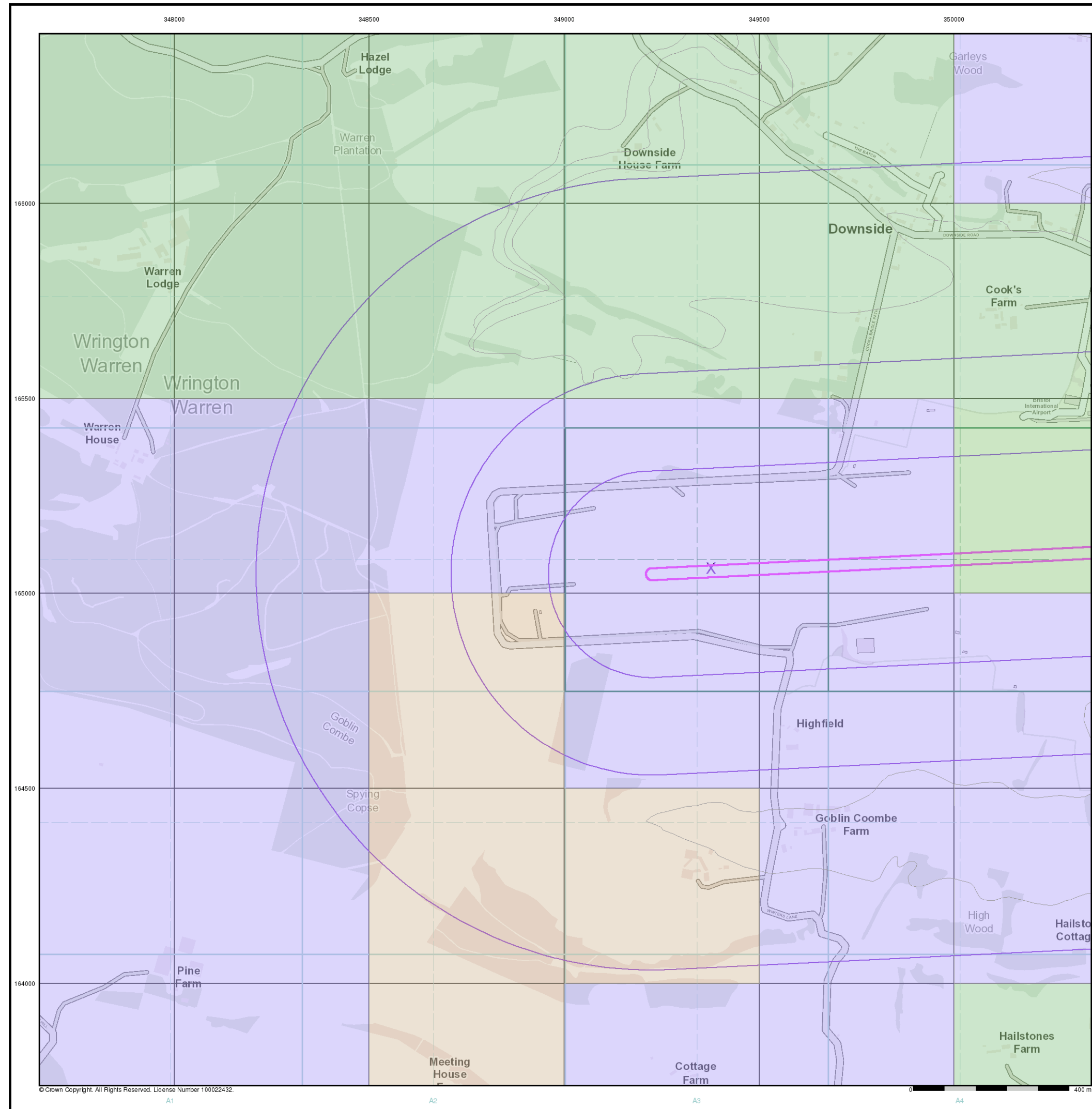
Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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

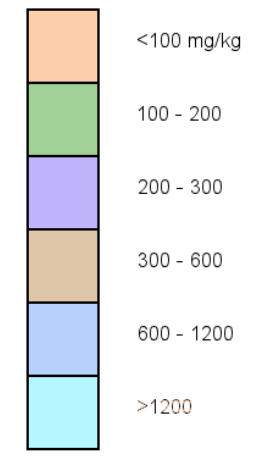


General

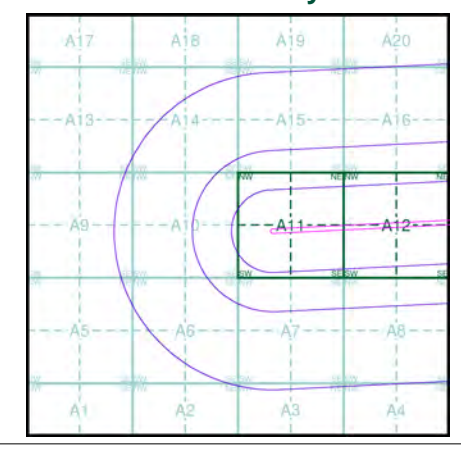
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

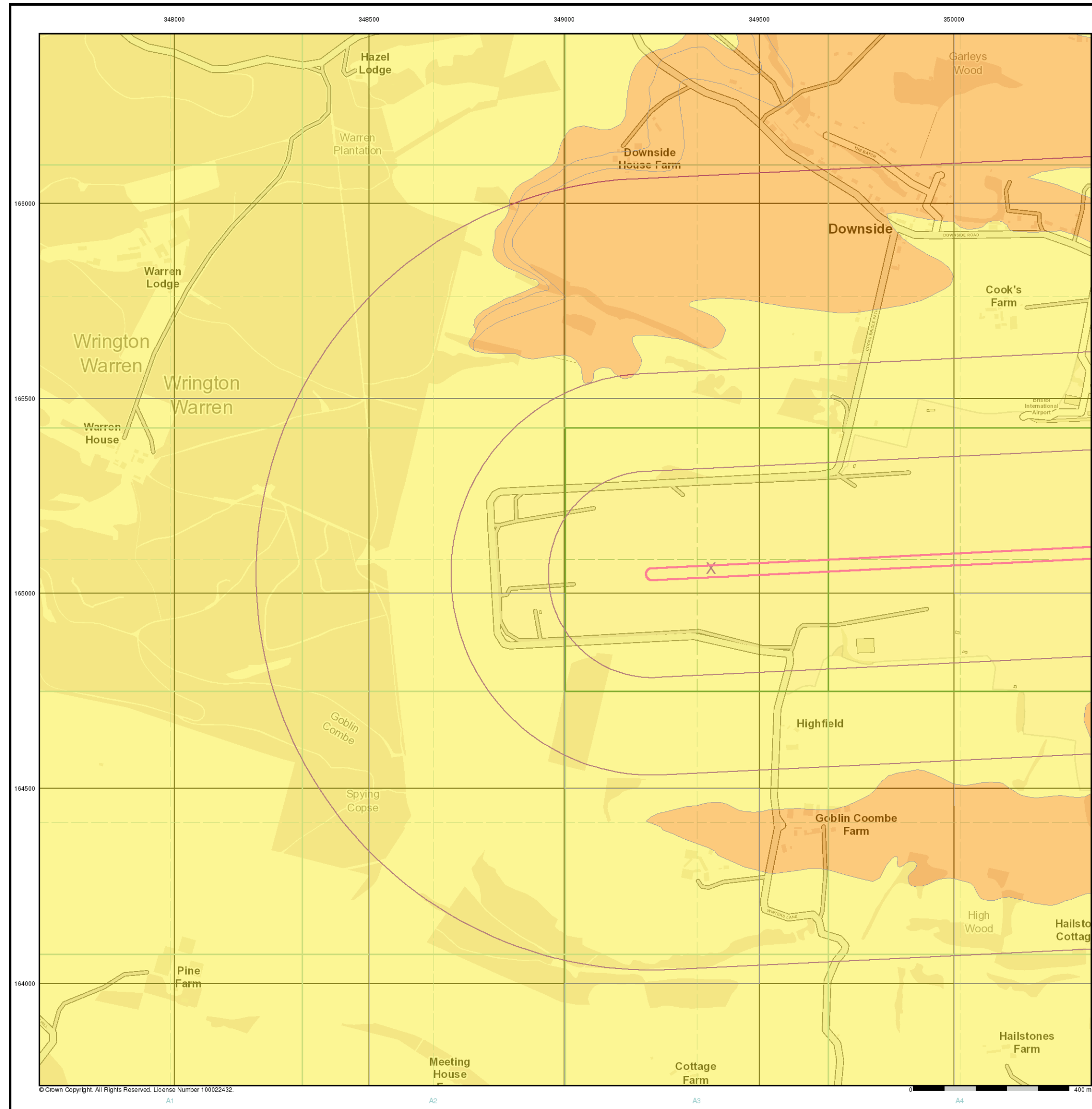
Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



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

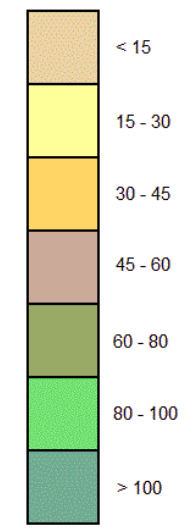


General

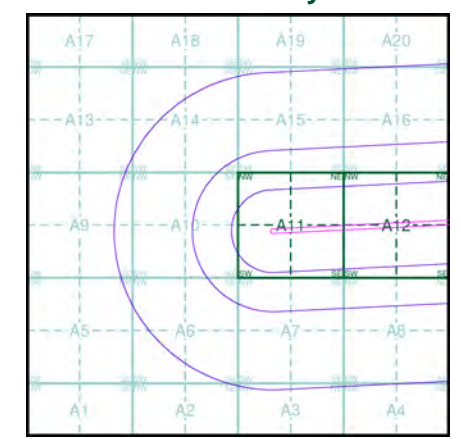
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 349380, 165060
Slice: A
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

128842570_1_1

Customer Reference:

38970

National Grid Reference:

351000, 165120

Slice:

B

Site Area (Ha):

4.82

Search Buffer (m):

1000

Site Details:

Bristol International Airport

North Side Road

FELTON

BS48 3DY

Client Details:

Mr E Gilligan

Amec Foster Wheeler E & I UK Ltd

Floor 12

25 Canada Square

Canary Wharf

London

E14 5LQ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	6
Hazardous Substances	7
Geological	8
Industrial Land Use	14
Sensitive Land Use	18
Data Currency	19
Data Suppliers	24
Useful Contacts	25

Introduction

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

Copyright Notice

© Landmark Information Group Limited 2017. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, the Environment Agency/Natural Resources Wales and Natural England, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer.

A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

Natural England Copyright Notice

Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, Natural England who retain the copyright and Intellectual Property Rights for the data.

Ove Arup Copyright Notice

The Data provided in this report was obtained on Licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The information and data supplied in the product are derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Peter Brett Associates Copyright Notice

The cavity data presented has been extracted from the PBA enhanced version of the original DEFRA national cavity databases. PBA/DEFRA retain the copyright & intellectual property rights in the data. Whilst all reasonable efforts are made to check that the information contained in the cavity databases is accurate we do not warrant that the data is complete or error free. The information is based upon our own researches and those collated from a number of external sources and is continually being augmented and updated by PBA. In no event shall PBA/DEFRA or Landmark be liable for any loss or damage including, without limitation, indirect or consequential loss or damage arising from the use of this data.

Radon Potential dataset Copyright Notice

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

Report Version v53.0

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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 6				1
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 6	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 6		1		
Potentially Infilled Land (Water)					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 7		1		1
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 8	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 8	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 9		1		2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 10	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities	pg 10		3	10	
Non Coal Mining Areas of Great Britain	pg 12	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				n/a	n/a
Radon Potential - Radon Affected Areas	pg 13	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 13	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 14			11	8
Fuel Station Entries					
Points of Interest - Commercial Services	pg 15			2	1
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 15		4	3	3
Points of Interest - Public Infrastructure	pg 16			7	
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 18				1
Areas of Adopted Green Belt	pg 18	1			
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9NE (W)	0	1	350998 165121
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	350000 165121
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	35	1	350000 165000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B9SE (S)	72	1	350998 165000
1	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896wz Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B9NW (W)	13	2	350617 165088
2	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896vc Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B9SE (SW)	270	2	350766 164838
2	Discharge Consents Operator: Bristol Airport Limited Property Type: MAKING OF OTHER TRANSPORT EQUIP/SHIPS/TRAINS/BIKES Location: Western Power Distribution Helicopter Hanger, Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Land Yeo/Kenn/Blind Yeo Reference: 103156 Permit Version: 2 Effective Date: 17th December 2012 Issued Date: 17th December 2012 Revocation Date: 26th February 2015 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Land/Soakaway Environment: Receiving Water: Soakaway Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B9SE (SW)	275	2	350773 164834

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Bristol Airport Limited Property Type: MAKING OF OTHER TRANSPORT EQUIP/SHIPS/TRAINS/BIKES Location: Western Power Distribution Helicopter Hanger, Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Land Yeo/Kenn/Blind Yeo Reference: 103156 Permit Version: 1 Effective Date: 2nd December 2005 Issued Date: 2nd December 2005 Revocation Date: 16th December 2012 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	B9SE (SW)	275	2	350773 164834
3	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896vc Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B9SE (SW)	314	2	350742 164793
3	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896vc Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B9SE (SW)	327	2	350745 164780
4	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896vc Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B9SW (SW)	337	2	350523 164760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896rk Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B14SW (N)	415	2	351043 165482
5	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896rk Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B14SW (N)	419	2	351056 165479
6	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896rk Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B13SE (N)	415	2	350915 165540
7	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896vc Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B5NE (SW)	483	2	350745 164624

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896rk Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B13SE (N)	494	2	350914 165622
9	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896rk Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B13SW (NW)	521	2	350387 165641
10	Discharge Consents Operator: Bristol Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Bristol International Airport, Bridgwater Road, Lulsgate, Bristol, Bs48 3dy Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprbb3896rk Permit Version: 1 Effective Date: 21st January 2015 Issued Date: 21st January 2015 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge Land/Soakaway Environment: Receiving Water: Ground Water Via Infiltration Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	B13SW (NW)	623	2	350402 165744
	Nearest Surface Water Feature	B5NW (SW)	655	-	350393 164432
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 36 Mid Glamorgan Scale: 1:100,000	(W)	0	2	350000 165121
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 37 Southern Cotswolds Scale: 1:100,000	B9NE (W)	0	2	350998 165121
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	(W)	0	1	350000 165121
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	B9NE (W)	0	1	350998 165121

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations No Data Available				
11	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	B9NE (W)	0	2	350903 165143
12	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	B9NE (W)	0	2	350903 165143
13	Source Protection Zones Name: Chew Magna Reservoir Source: Environment Agency, Head Office Reference: Sw238 Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	B10NE (NE)	588	2	351387 165303
14	Source Protection Zones Name: Chew Magna Reservoir Source: Environment Agency, Head Office Reference: Sw238 Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	B10NE (NE)	588	2	351387 165303
15	Source Protection Zones Name: Chew Magna Reservoir Source: Environment Agency, Head Office Reference: Sw238 Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	B10NE (NE)	588	2	351387 165303
16	Source Protection Zones Name: Chelvey Well Source: Environment Agency, Head Office Reference: Sw044 Type: Zone IIc (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater - subsurface activity only.	(NW)	648	2	349538 166253
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	OS Water Network Lines None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Licensed Waste Management Facilities (Landfill Boundaries) Name: Lulsgate Quarry Licence Number: 210011 Location: Lulsgate Quarry, West Lane, Felton, Bristol, Avon, BS40 9UP Licence Holder: Churngold Recycling Limited Authority: Environment Agency - South West Region, Wessex Area Site Category: Inert LF Max Input Rate: Not Supplied Licence Status: Issued Issued: 31st August 2006 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	B14NE (NE)	921	2	351434 165818
	Local Authority Landfill Coverage Name: North Somerset Unitary Council - Has supplied landfill data		0	3	350998 165121
18	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	B9NW (NW)	219	-	350513 165345

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Planning Hazardous Substance Consents Name: Bristol International Airport Location: North Side Road, Felton, Wrington, Bs48 3dy Authority: North Somerset Council Application Ref: 09/P/1929/HAZ Hazardous Substance: Combination of Dangerous Substances Maximum Quantity: 0 Application date: 4th November 2009 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	B9NW (NW)	250	4	350539 165377
20	Planning Hazardous Substance Consents Name: Bristol International Airport Location: Northside Road, Lulsgate, Wrington, Bs48 3dy Authority: North Somerset Council Application Ref: 09/P/1602/HAZ Hazardous Substance: Extremely flammable (extremely flammable gases and liquids with a flash point <21C and boiling point at normal pressure <=35C, and gaseous substances flammable in contact with air at ambient temperature and pressure excluding extremely flammable gases and natural gas, and flammable liquid substances maintained at a temerature above their boiling point) Maximum Quantity: 0 Application date: 7th September 2009 Decision: Deemed Consent Granted Positional Accuracy: Manually positioned to the address or location	B13SW (NW)	558	4	350377 165678

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Dinantian Rocks (Undifferentiated)	B9NE (W)	0	1	350998 165121
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9NE (W)	0	1	350998 165121
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9SW (W)	0	1	350500 165000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	B10SW (SE)	346	1	351344 164934
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 30 - 45 mg/kg	B5NW (SW)	348	1	350500 164744
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	B13NE (N)	769	1	350979 165902
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	B13NW (NW)	775	1	350417 165903

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	B5SW (SW)	802	1	350500 164227
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	B6SE (SE)	819	1	351402 164400
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	B13NE (N)	861	1	350998 166000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	B13NW (N)	866	1	350668 166000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	B13NE (N)	888	1	351025 166000
21	BGS Recorded Mineral Sites Site Name: Lulsgate Farm Quarry Location: , Lulsgate Bottom, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67387 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Black Rock Limestone Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B9NW (NW)	221	1	350507 165346

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	BGS Recorded Mineral Sites Site Name: Felton Hill Quarry Location: , Lulsgate Bottom, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67388 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Black Rock Limestone Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B14SW (NE)	681	1	351314 165599
23	BGS Recorded Mineral Sites Site Name: Felton Hill Quarry Location: , Lulsgate Bottom, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67389 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Black Rock Limestone Subgroup Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	B10NE (NE)	779	1	351560 165369
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Mining Instability Mining Evidence: Inconclusive Metaliferous Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	B9SE (S)	0	-	350998 165000
	Natural Cavities Easting: 350500 Northing: 165050 Distance: 46 Quadrant Reference: B9 Quadrant Reference: SW Bearing Ref: W Cavity Type: Solution Pipe Solid Geology Detail: Carboniferous Limestone Supergroup Superficial Geology No Details Detail:	B9SW (W)	46	5	350500 165050
	Natural Cavities Easting: 351050 Northing: 165200 Distance: 242 Quadrant Reference: B10 Quadrant Reference: NW Bearing Ref: NE Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B10NW (NE)	242	5	351050 165200
	Natural Cavities Easting: 351030 Northing: 165260 Distance: 248 Quadrant Reference: B10 Quadrant Reference: NW Bearing Ref: N Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B10NW (N)	248	5	351030 165260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 350540 Northing: 165430 Distance: 303 Quadrant Reference: B13 Quadrant Reference: SW Bearing Ref: NW Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B13SW (NW)	303	5	350540 165430
	Natural Cavities Easting: 350490 Northing: 165440 Distance: 315 Quadrant Reference: B13 Quadrant Reference: SW Bearing Ref: NW Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B13SW (NW)	315	5	350490 165440
	Natural Cavities Easting: 351090 Northing: 165300 Distance: 320 Quadrant Reference: B10 Quadrant Reference: NW Bearing Ref: NE Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B10NW (NE)	320	5	351090 165300
	Natural Cavities Easting: 351060 Northing: 165350 Distance: 326 Quadrant Reference: B10 Quadrant Reference: NW Bearing Ref: N Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B10NW (N)	326	5	351060 165350
	Natural Cavities Easting: 350850 Northing: 165480 Distance: 343 Quadrant Reference: B13 Quadrant Reference: SE Bearing Ref: N Cavity Type: Sinkhole x 2 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B13SE (N)	343	5	350850 165480
	Natural Cavities Easting: 350860 Northing: 165480 Distance: 345 Quadrant Reference: B13 Quadrant Reference: SE Bearing Ref: N Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B13SE (N)	345	5	350860 165480
	Natural Cavities Easting: 350900 Northing: 165490 Distance: 363 Quadrant Reference: B13 Quadrant Reference: SE Bearing Ref: N Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B13SE (N)	363	5	350900 165490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 351070 Northing: 165430 Distance: 390 Quadrant Reference: B14 Quadrant Reference: SW Bearing Ref: N Cavity Type: Sinkhole x 3 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B14SW (N)	390	5	351070 165430
	Natural Cavities Easting: 351050 Northing: 165470 Distance: 409 Quadrant Reference: B14 Quadrant Reference: SW Bearing Ref: N Cavity Type: Sinkhole x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B14SW (N)	409	5	351050 165470
	Natural Cavities Easting: 350730 Northing: 165570 Distance: 434 Quadrant Reference: B13 Quadrant Reference: SE Bearing Ref: NW Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology No Details Detail:	B13SE (NW)	434	5	350730 165570
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	B9NE (W)	0	1	350998 165121
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	B9SE (S)	72	1	350998 165000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NE (W)	0	1	350998 165121
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9SE (S)	72	1	350998 165000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NE (W)	0	1	350998 165121
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9SE (S)	72	1	350998 165000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B9NE (W)	0	1	350998 165121
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B9SE (S)	72	1	350998 165000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NE (W)	0	1	350998 165121
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9SE (S)	72	1	350998 165000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NE (W)	0	1	350998 165121
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9SE (S)	72	1	350998 165000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NE (W)	0	1	350998 165121
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9SE (S)	72	1	350998 165000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (10 to 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B9NE (W)	0	1	350998 165121
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B9NE (W)	0	1	350998 165121

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Contemporary Trade Directory Entries Name: S R Technics Location: Bristol, BS48 3DY Classification: Aviation Engineers Status: Active Positional Accuracy: Automatically positioned to the address	B13SW (NW)	318	-	350492 165443
24	Contemporary Trade Directory Entries Name: Bristol International Airport Location: BRISTOL, BS48 3DY Classification: Airports Status: Active Positional Accuracy: Automatically positioned to the address	B13SW (NW)	318	-	350492 165443
24	Contemporary Trade Directory Entries Name: Bristol International Airport Location: Bristol, BS48 3DY Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	B13SW (NW)	318	-	350492 165443
24	Contemporary Trade Directory Entries Name: Bristol International Cars Location: Bristol, BS48 3DY Classification: Mirrors & Decorative Glass Status: Inactive Positional Accuracy: Automatically positioned to the address	B13SW (NW)	318	-	350492 165443
24	Contemporary Trade Directory Entries Name: Frans Maas (Uk) Ltd Location: Bristol, BS48 3DY Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	B13SW (NW)	318	-	350492 165443
24	Contemporary Trade Directory Entries Name: D M S Ltd Location: Bristol, BS48 3DY Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	B13SW (NW)	318	-	350492 165443
24	Contemporary Trade Directory Entries Name: Bristol International Airport Location: Bristol, BS48 3DY Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	B13SW (NW)	318	-	350492 165443
24	Contemporary Trade Directory Entries Name: Bristol International Airport Location: Bristol, Avon, BS48 3DY Classification: Airports Status: Inactive Positional Accuracy: Automatically positioned to the address	B13SW (NW)	318	-	350492 165443
25	Contemporary Trade Directory Entries Name: Ward Aviation Support Ltd Location: Bristol & Wessex Aero Club, Bristol International Airport, Bristol, Avon, BS48 3EP Classification: Cargo Handling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	B10NW (N)	364	-	351037 165424
25	Contemporary Trade Directory Entries Name: Swissport Location: Bristol International Airport, Bristol, Avon, BS48 3DS Classification: Cargo Handling Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	B14SW (N)	407	-	351046 165471
26	Contemporary Trade Directory Entries Name: Dixons Travel Location: Unit 3, Bristol Airport, Bristol, Avon, BS48 3DY Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Manually positioned to the address or location	B13SW (NW)	365	-	350620 165496

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Contemporary Trade Directory Entries Name: D P S Location: Greenacres, Downside Road, Backwell, Bristol, BS48 3EW Classification: Digital Printing Status: Inactive Positional Accuracy: Automatically positioned to the address	B14SW (NE)	641	-	351273 165584
27	Contemporary Trade Directory Entries Name: D P S Location: Greenacres, Downside Road, Backwell, Bristol, BS48 3EW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	B14SW (NE)	641	-	351273 165584
27	Contemporary Trade Directory Entries Name: Digital Print Specialists Location: Greenacres, Downside Road, Backwell, Bristol, BS48 3EW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	B14SW (NE)	641	-	351273 165584
27	Contemporary Trade Directory Entries Name: D P S Location: Greenacres, Downside Road, Backwell, Bristol, BS48 3EW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	B14SW (NE)	641	-	351273 165584
28	Contemporary Trade Directory Entries Name: J W & T J Pearce Ltd Location: St. Katherines Farm, Downside Road, Backwell, Bristol, BS48 3DZ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	B14SW (N)	646	-	351167 165677
29	Contemporary Trade Directory Entries Name: Forge Car Sales Location: The Old Forge, Bridgwater Road, Felton, Bristol, BS40 9UR Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	B14SW (NE)	692	-	351350 165574
30	Contemporary Trade Directory Entries Name: D M D Woodworking Location: Melody Cottage, Downside Road, Backwell, Bristol, BS48 3DN Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	B13NW (NW)	742	-	350398 165862
31	Contemporary Trade Directory Entries Name: West Country Fuels Location: Park Farm, West Lane, Felton, Bristol, BS40 9UD Classification: Fuel Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	B14SE (NE)	906	-	351673 165430
32	Points of Interest - Commercial Services Name: Ward Aviation Support Ltd Location: Bristol & Wessex Aero Club, Bristol International Airport, Bristol, BS48 3EP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	B10NW (N)	364	6	351037 165424
33	Points of Interest - Commercial Services Name: Airport Car Parking Bristol Location: North, Side Road, Bristol, BS48 3DY Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	B10NW (NE)	442	6	351171 165397
34	Points of Interest - Commercial Services Name: Chips Away - Paul Clift Location: Ellandee, Downside Road, Backwell, Bristol, BS48 3EW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B14SW (NE)	630	6	351211 165625
35	Points of Interest - Manufacturing and Production Name: Tank Location: BS48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B9NW (NW)	235	6	350540 165362

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Points of Interest - Manufacturing and Production Name: Tank Location: BS48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B9NW (NW)	235	6	350551 165363
35	Points of Interest - Manufacturing and Production Name: Tanks Location: BS48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B9NW (NW)	247	6	350568 165375
35	Points of Interest - Manufacturing and Production Name: Tank Location: BS48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B9NW (NW)	249	6	350544 165376
35	Points of Interest - Manufacturing and Production Name: Tank Location: BS48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B9NW (NW)	264	6	350543 165391
36	Points of Interest - Manufacturing and Production Name: Tank Location: BS48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B9SE (S)	307	6	350961 164844
37	Points of Interest - Manufacturing and Production Name: Tank Location: BS48 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B13SE (NW)	351	6	350821 165490
38	Points of Interest - Manufacturing and Production Name: Tank Location: BS40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B14NE (NE)	952	6	351472 165825
38	Points of Interest - Manufacturing and Production Name: Tank Location: BS40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	B14NE (NE)	956	6	351478 165824
38	Points of Interest - Manufacturing and Production Name: Tanks Location: BS40 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B14NE (NE)	957	6	351475 165829
39	Points of Interest - Public Infrastructure Name: Bristol Airport Location: Bristol, BS48 3DY Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	B13SW (NW)	317	6	350491 165442
39	Points of Interest - Public Infrastructure Name: Bristol International Airport Location: Bristol, BS48 3DY Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	B13SW (NW)	318	6	350492 165443
39	Points of Interest - Public Infrastructure Name: Bristol International Airport Location: Bristol, BS48 3DY Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	B13SW (NW)	318	6	350492 165443

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Points of Interest - Public Infrastructure Name: Bristol International Airport Police Station Location: Bristol International Airport, Bristol, BS48 3DY Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	B13SW (NW)	318	6	350492 165443
40	Points of Interest - Public Infrastructure Name: Gate Gourmet Bonded Stores Location: Bristol International Airport, Bristol, BS48 3DP Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	B10NW (N)	364	6	351037 165424
40	Points of Interest - Public Infrastructure Name: Bristol Flying Centre Location: Bristol International Airport, Bristol, BS48 3DP Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	B10NW (N)	364	6	351037 165424
41	Points of Interest - Public Infrastructure Name: Bristol International Airport Location: Bristol, BS48 3DY Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	B13SW (NW)	365	6	350620 165496

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	Ancient Woodland Name: Not Supplied Reference: 1418505 Area(m²): 18241.71 Type: Ancient and Semi-Natural Woodland	(SW)	915	7	350338 164092
43	Areas of Adopted Green Belt Authority: North Somerset Council Plan Name: North Somerset Replacement Local Plan Status: Adopted Plan Date: 30th March 2007	B9NE (W)	0	3	350998 165121

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bath and North East Somerset Council - Environmental Health Department North Somerset Council - Environmental Health Department	October 2014 September 2014	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - South West Region	April 2017	Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - South West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - South West Region	April 2017	Quarterly
Local Authority Integrated Pollution Prevention And Control Bath and North East Somerset Council - Environmental Health Department North Somerset Council - Environmental Health Department	February 2015 September 2013	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Bath and North East Somerset Council - Environmental Health Department North Somerset Council - Environmental Health Department	February 2015 March 2015	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bath and North East Somerset Council - Environmental Health Department North Somerset Council - Environmental Health Department	February 2015 September 2013	Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	March 2017	
Pollution Incidents to Controlled Waters Environment Agency - South West Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - South West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - South West Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - South West Region	January 2015	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	April 2017 April 2017	Quarterly Quarterly
Water Abstractions Environment Agency - South West Region	October 2016	Quarterly
Water Industry Act Referrals Environment Agency - South West Region	April 2017	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	April 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2017	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2017	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2017	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2017	Quarterly
Flood Defences Environment Agency - Head Office	May 2017	Quarterly
OS Water Network Lines Ordnance Survey	April 2017	6 Weekly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2017	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	May 2017 May 2017	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	May 2017 May 2017	Quarterly Quarterly
Local Authority Landfill Coverage Bath and North East Somerset Council - Planning Services Department North Somerset Council	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bath and North East Somerset Council - Planning Services Department North Somerset Council	May 2000 May 2000	Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - North Wessex Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2017	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Bath and North East Somerset Council - Economic and Environmental Development North Somerset Council	February 2016 February 2016	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Bath and North East Somerset Council - Economic and Environmental Development North Somerset Council	February 2016 February 2016	Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2017	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	March 2017	Quarterly
Fuel Station Entries Catalist Ltd - Experian	May 2017	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	December 2016	Quarterly
Points of Interest - Education and Health PointX	December 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2016	Quarterly
Points of Interest - Public Infrastructure PointX	December 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2016	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

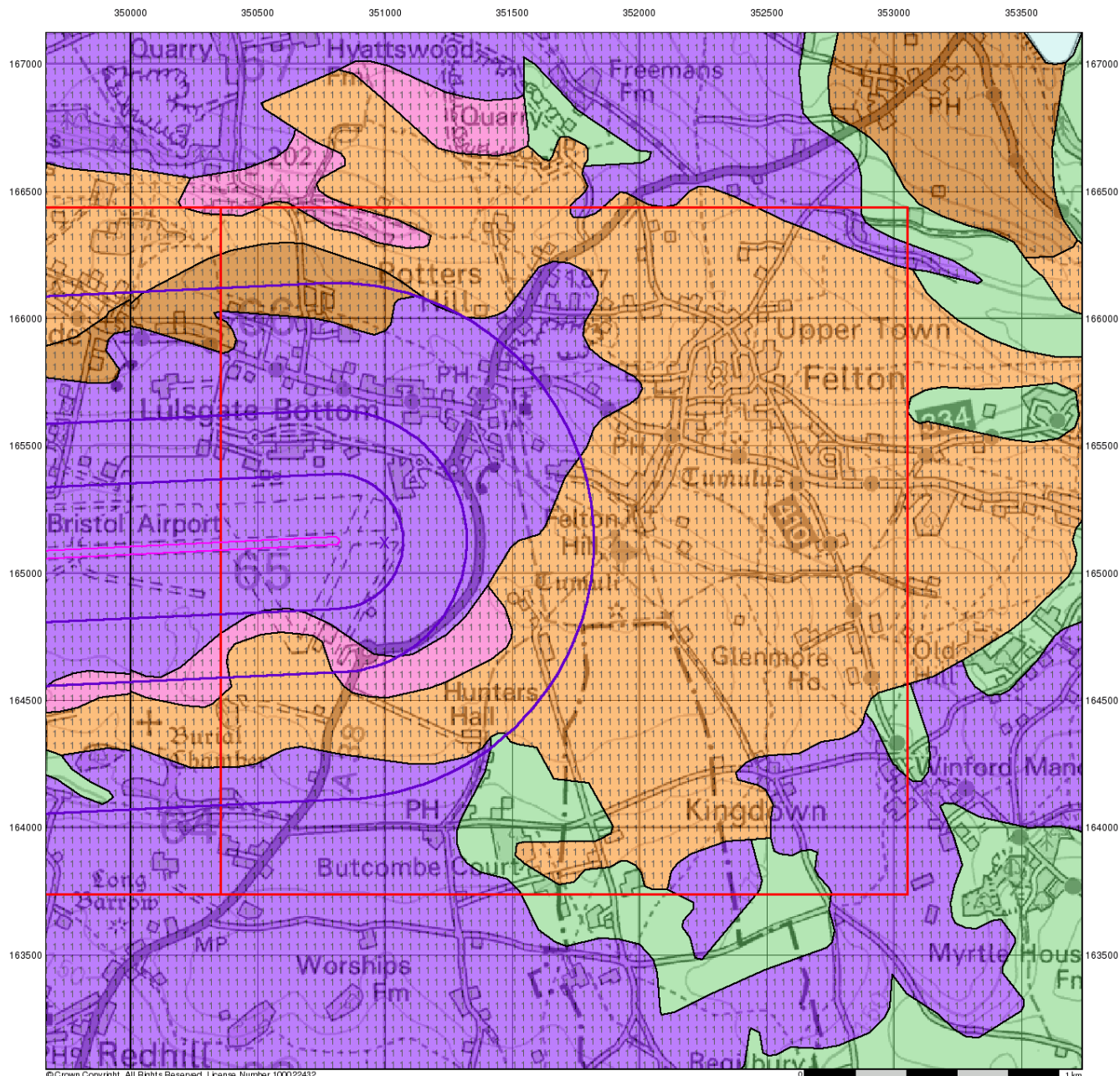
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	May 2017	Bi-Annually
Areas of Adopted Green Belt Bath and North East Somerset Council North Somerset Council	May 2017 May 2017	As notified As notified
Areas of Unadopted Green Belt Bath and North East Somerset Council North Somerset Council	May 2017 May 2017	As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2017	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	January 2017	Bi-Annually
Marine Nature Reserves Natural England	January 2017	Bi-Annually
National Nature Reserves Natural England	January 2017	Bi-Annually
National Parks Natural England	February 2017	Bi-Annually
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	January 2017	Bi-Annually
Sites of Special Scientific Interest Natural England	January 2017	Bi-Annually
Special Areas of Conservation Natural England	January 2017	Bi-Annually
Special Protection Areas Natural England	January 2017	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	May 2017	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	North Somerset Council PO Box 140, Town Hall, Weston-super-Mare, Avon, BS23 1UJ	Telephone: 01934 888888 Fax: 01934 888822 Website: www.n-somerset.gov.uk
4	North Somerset Council Town Hall, Weston-super-Mare, Avon, BS23 1UJ	Telephone: 01934 888888 Fax: 01934 888822 Website: www.n-somerset.gov.uk
5	Peter Brett Associates Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
6	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	Bath and North East Somerset Council Guildhall, High Street, Bath, BA1 5AW	Telephone: 01225 477000 Fax: 01225 477489 Website: www.bathnes.gov.uk
9	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
10	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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

amec

Groundwater Vulnerability

General

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

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Minor Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

Water or Sea

Drift Deposit

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

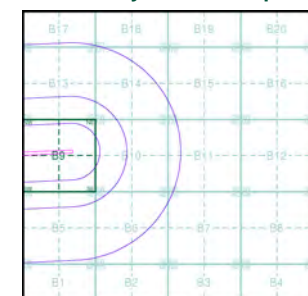
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Site Sensitivity Context Map - Slice B



Order Details

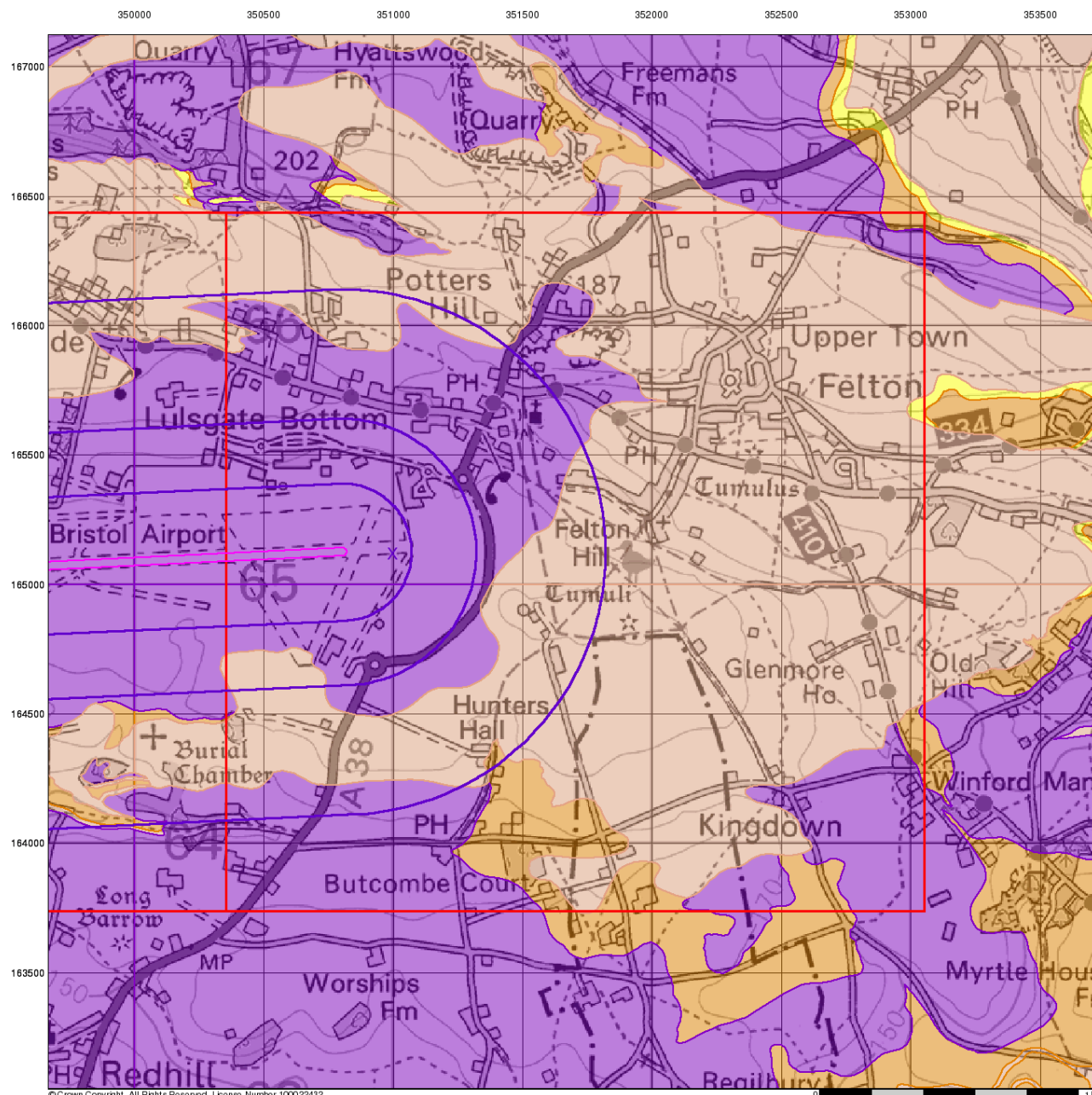
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

Landmark
INFORMATION GROUP

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



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



Bedrock Aquifer Designation

General

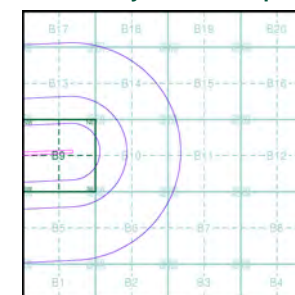
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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 B



Order Details

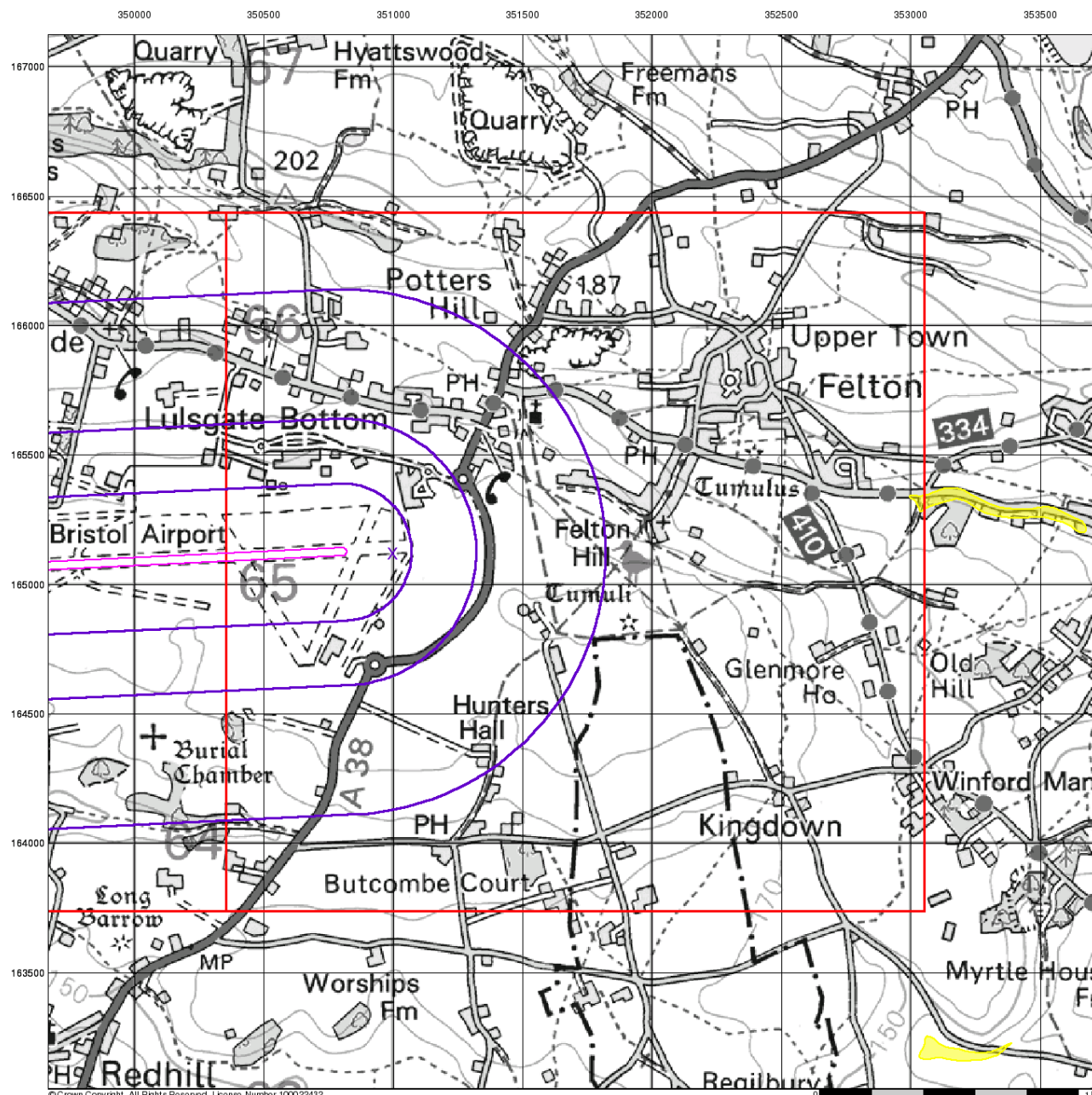
Order Number: 128842570_1_1
 Customer Ref: 38970
 National Grid Reference: 351000, 165120
 Slice: B
 Site Area (Ha): 4.82
 Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



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



Superficial Aquifer Designation

General

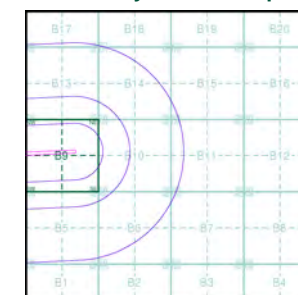
- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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 B



Order Details

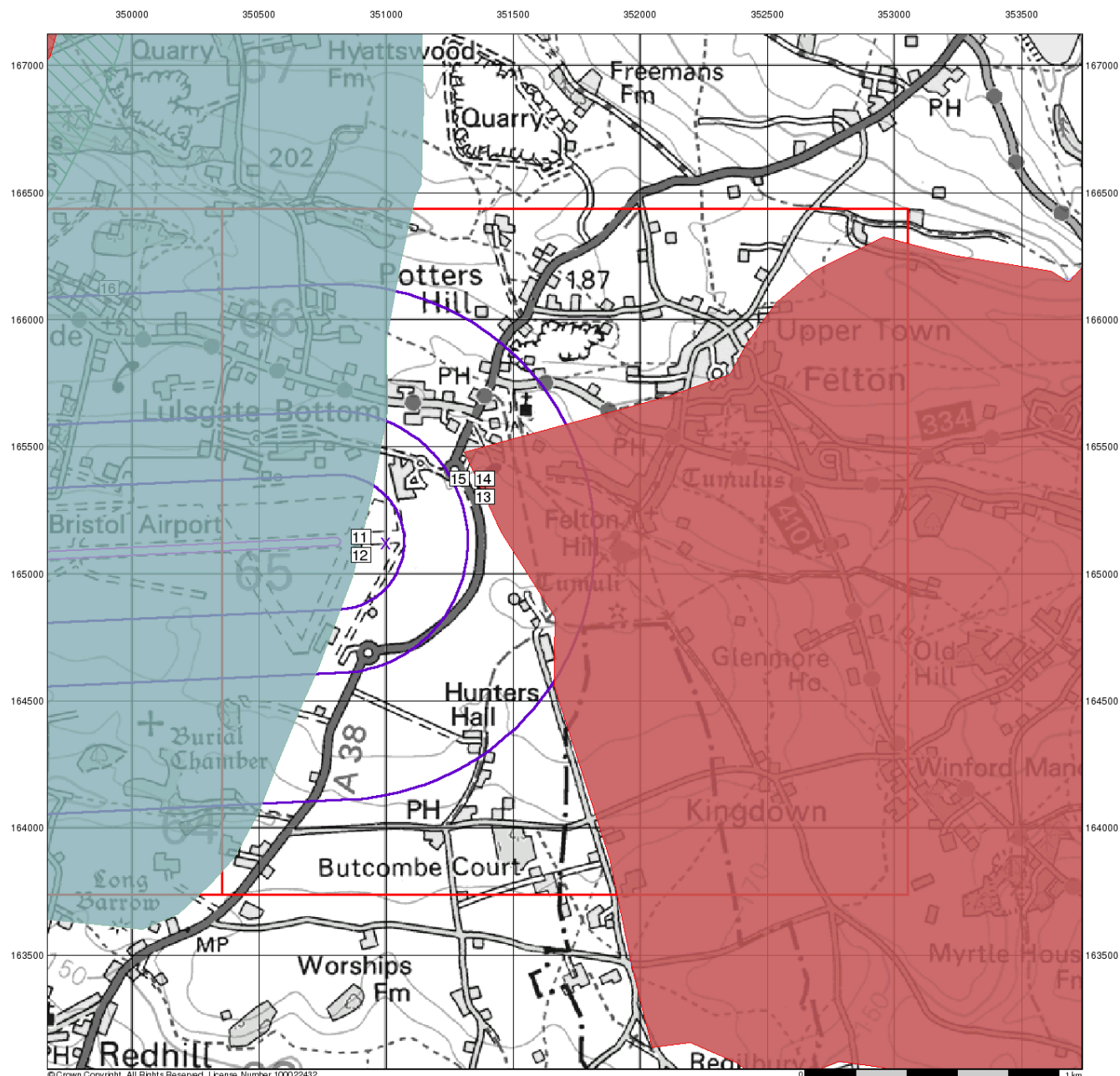
Order Number: 128842570_1_1
 Customer Ref: 38970
 National Grid Reference: 351000, 165120
 Slice: B
 Site Area (Ha): 4.82
 Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY








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











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

Source Protection Zones

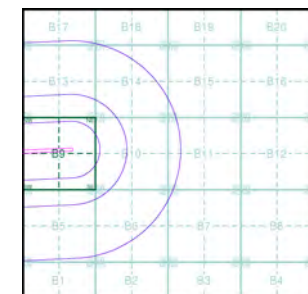
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice B



Order Details

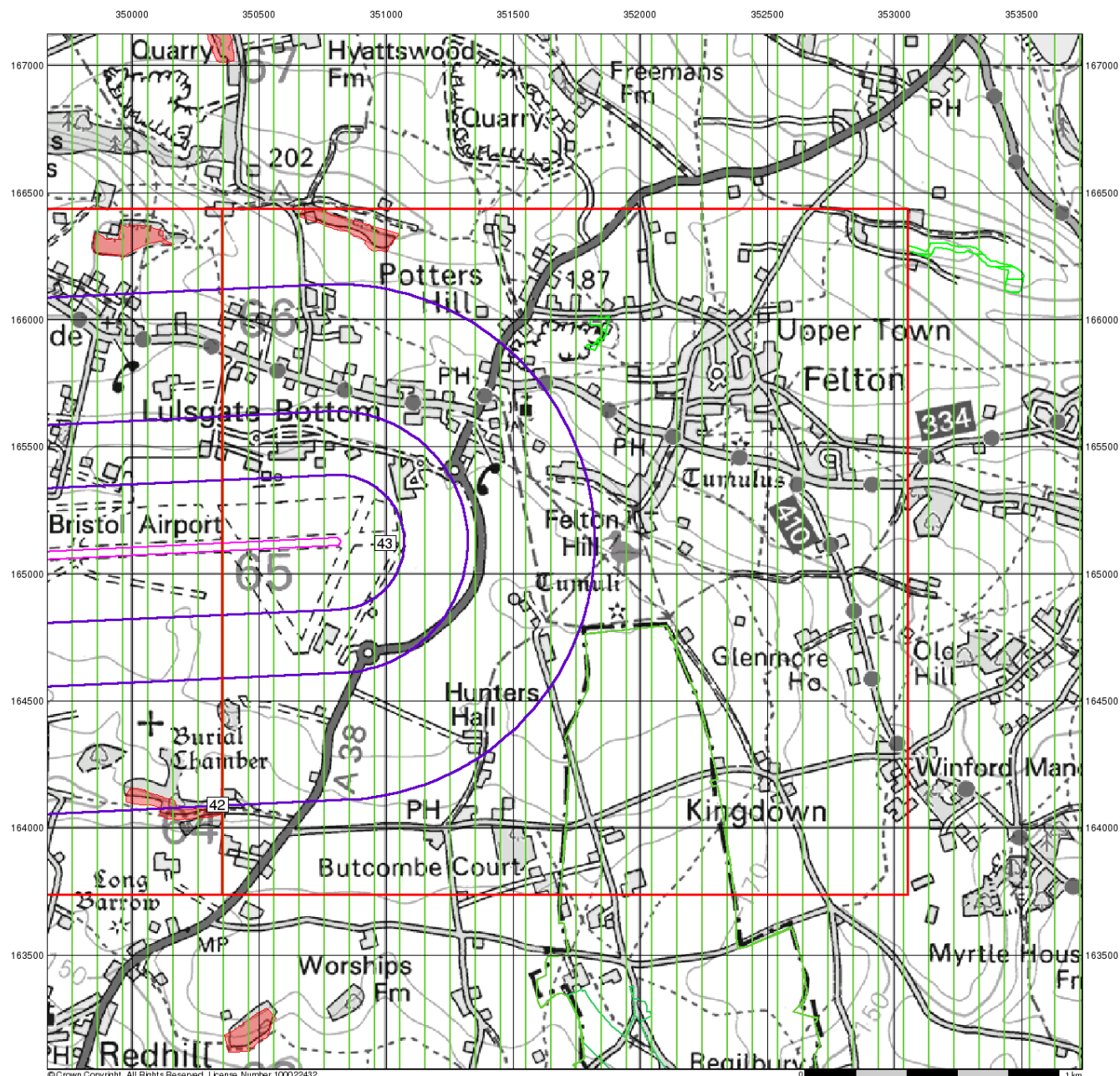
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

Landmark
INFORMATION GROUP

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



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

amec

Sensitive Land Uses

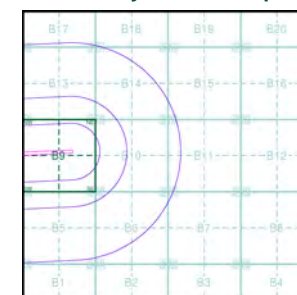
General

- 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 B



Order Details

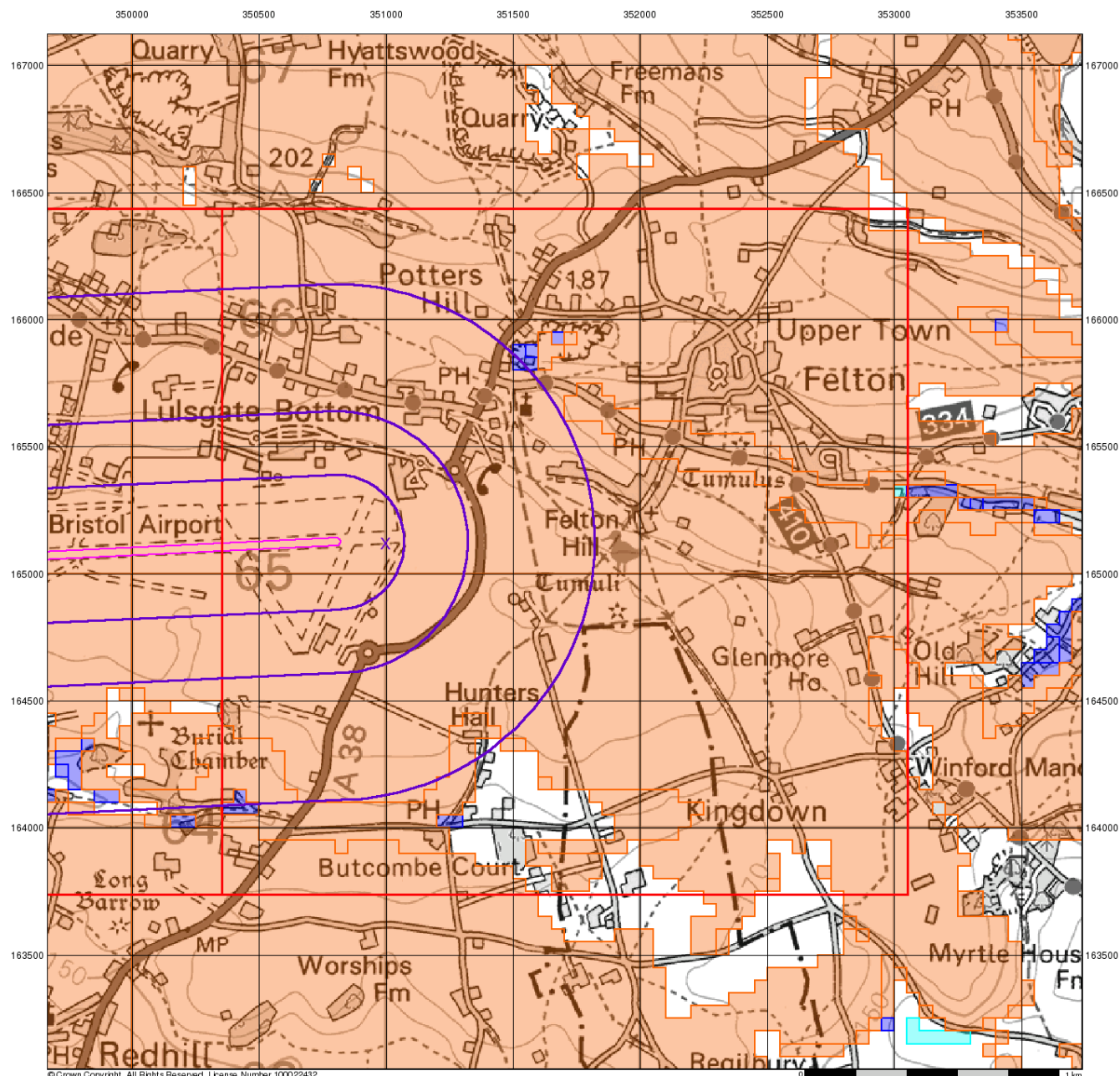
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

Landmark
INFORMATION GROUP

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



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



BGS Flood GFS Data

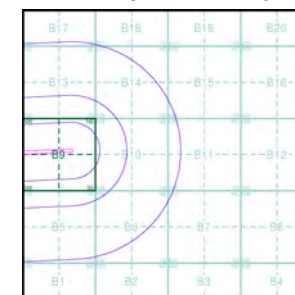
General

- 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 B



Order Details

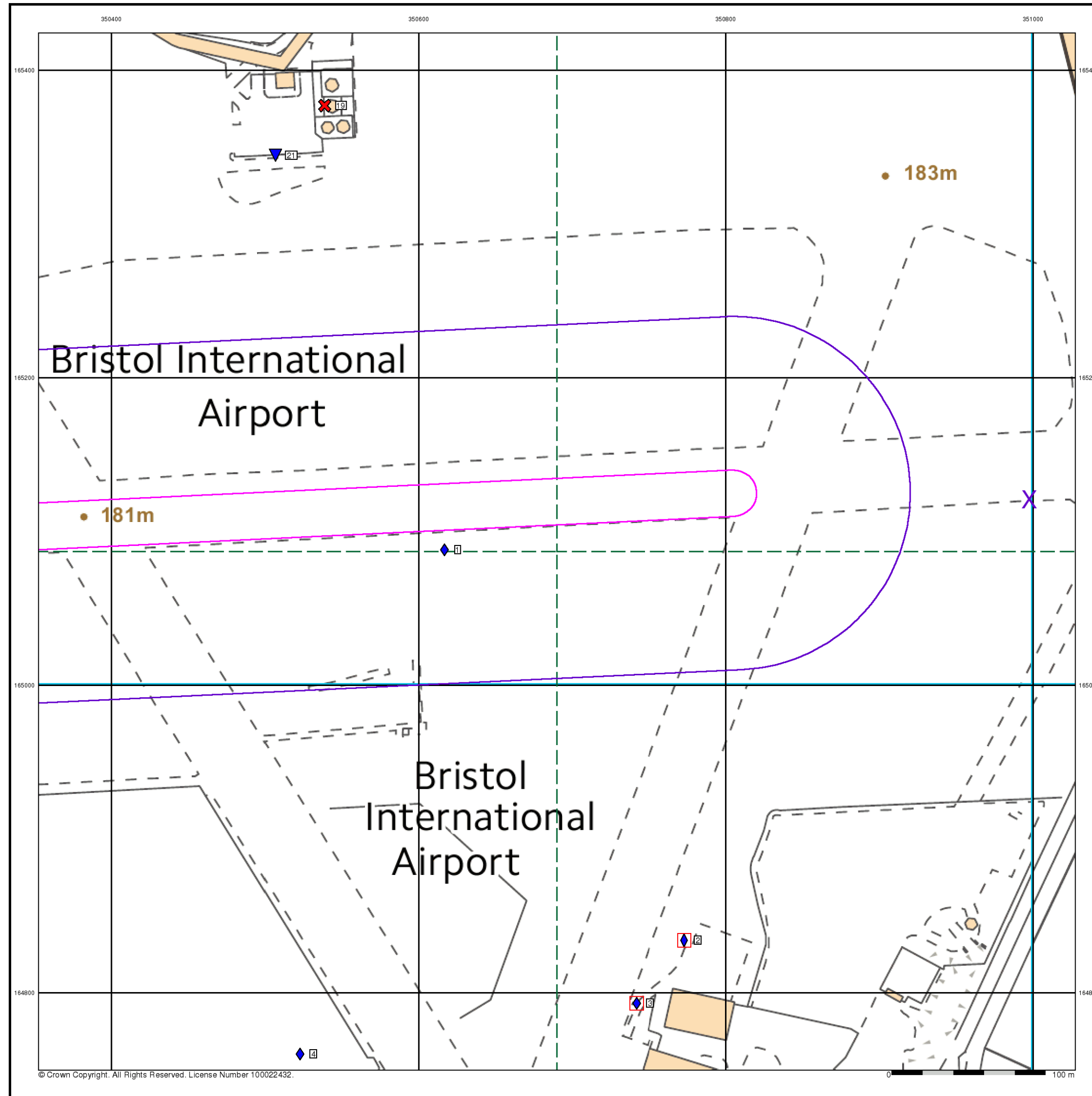
Order Number: 128842570_1_1
 Customer Ref: 38970
 National Grid Reference: 351000, 165120
 Slice: B
 Site Area (Ha): 4.82
 Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



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 Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- BGS Recorded Mineral Site

Waste

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

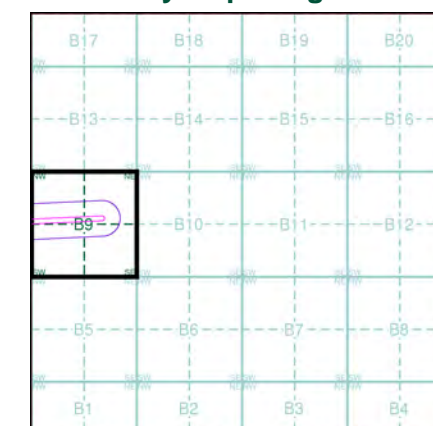
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment B9



Order Details

Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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

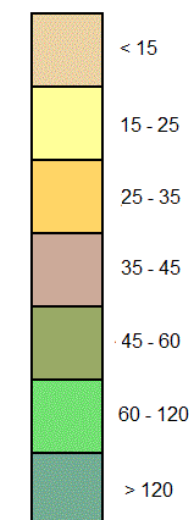


General

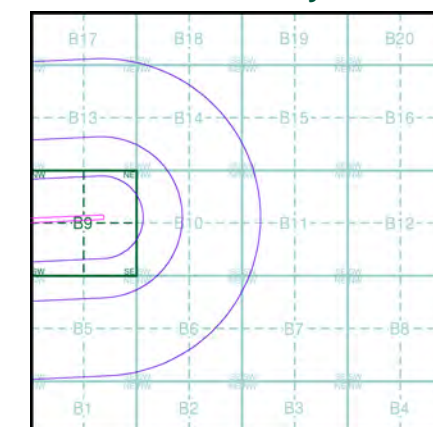
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice B



Order Details

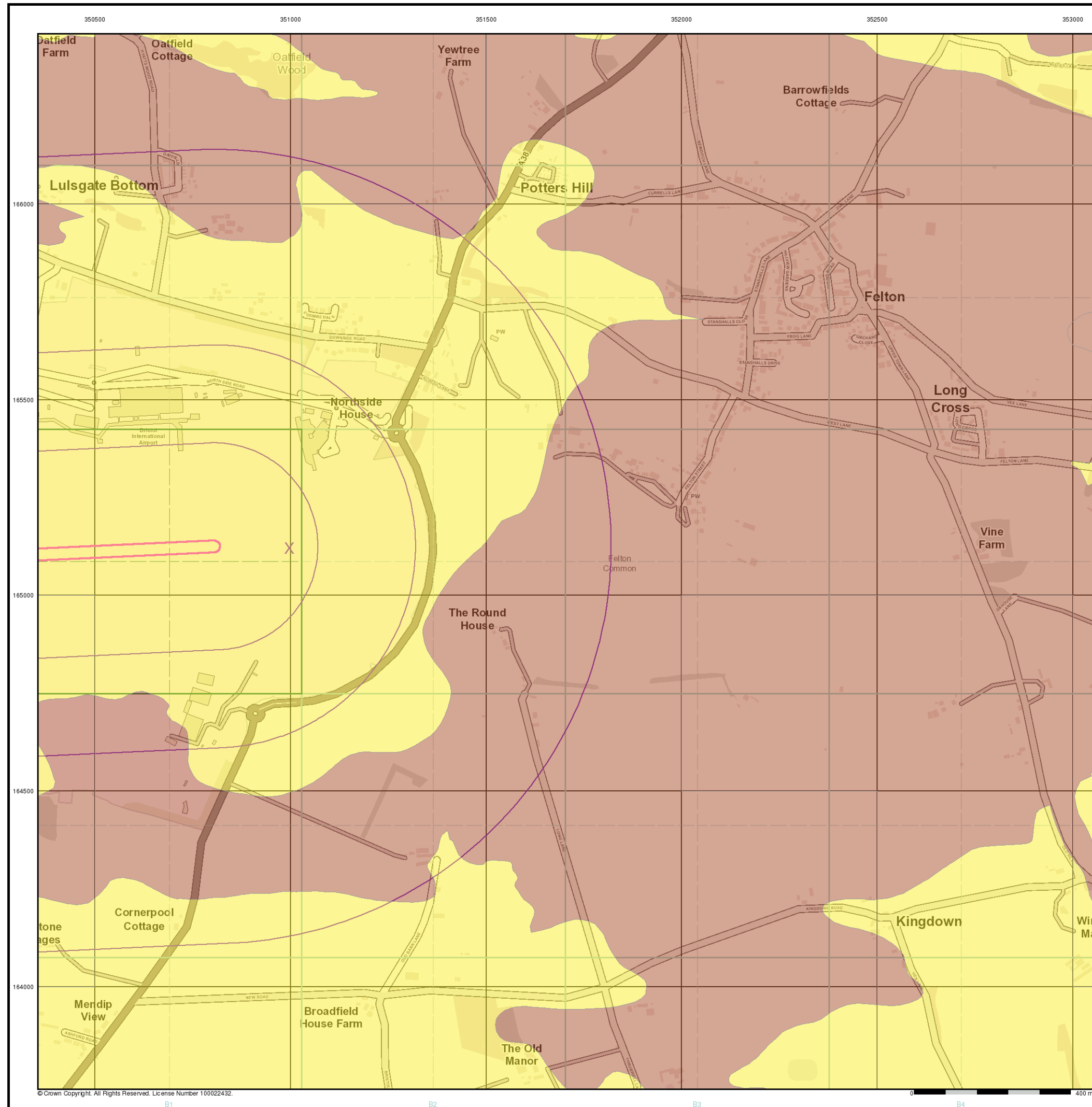
Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

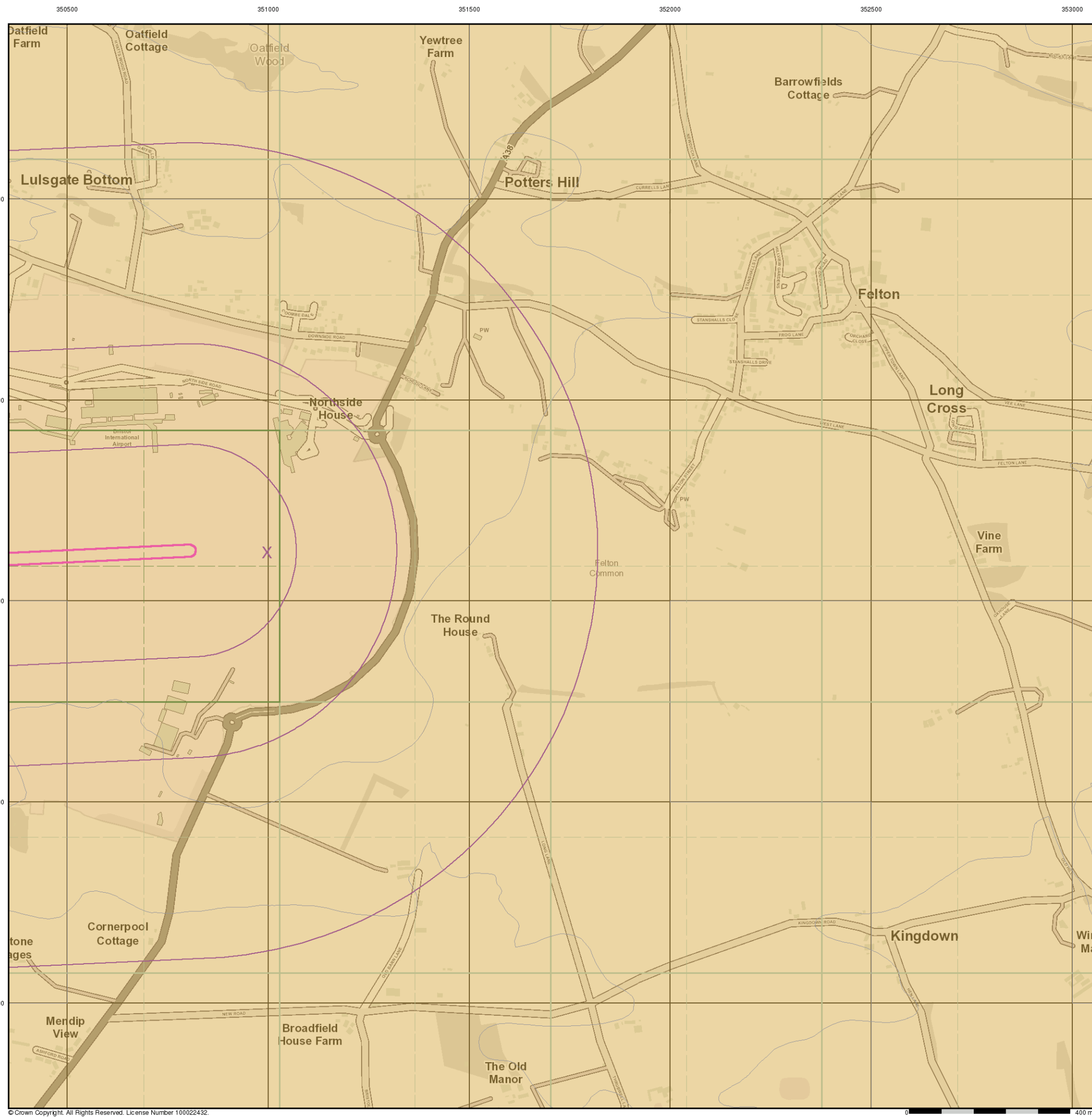
Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



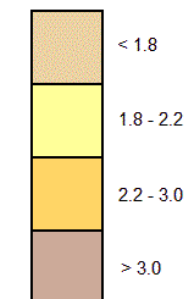


General

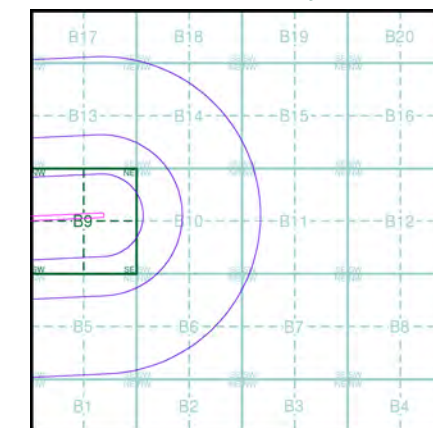
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice B



Order Details

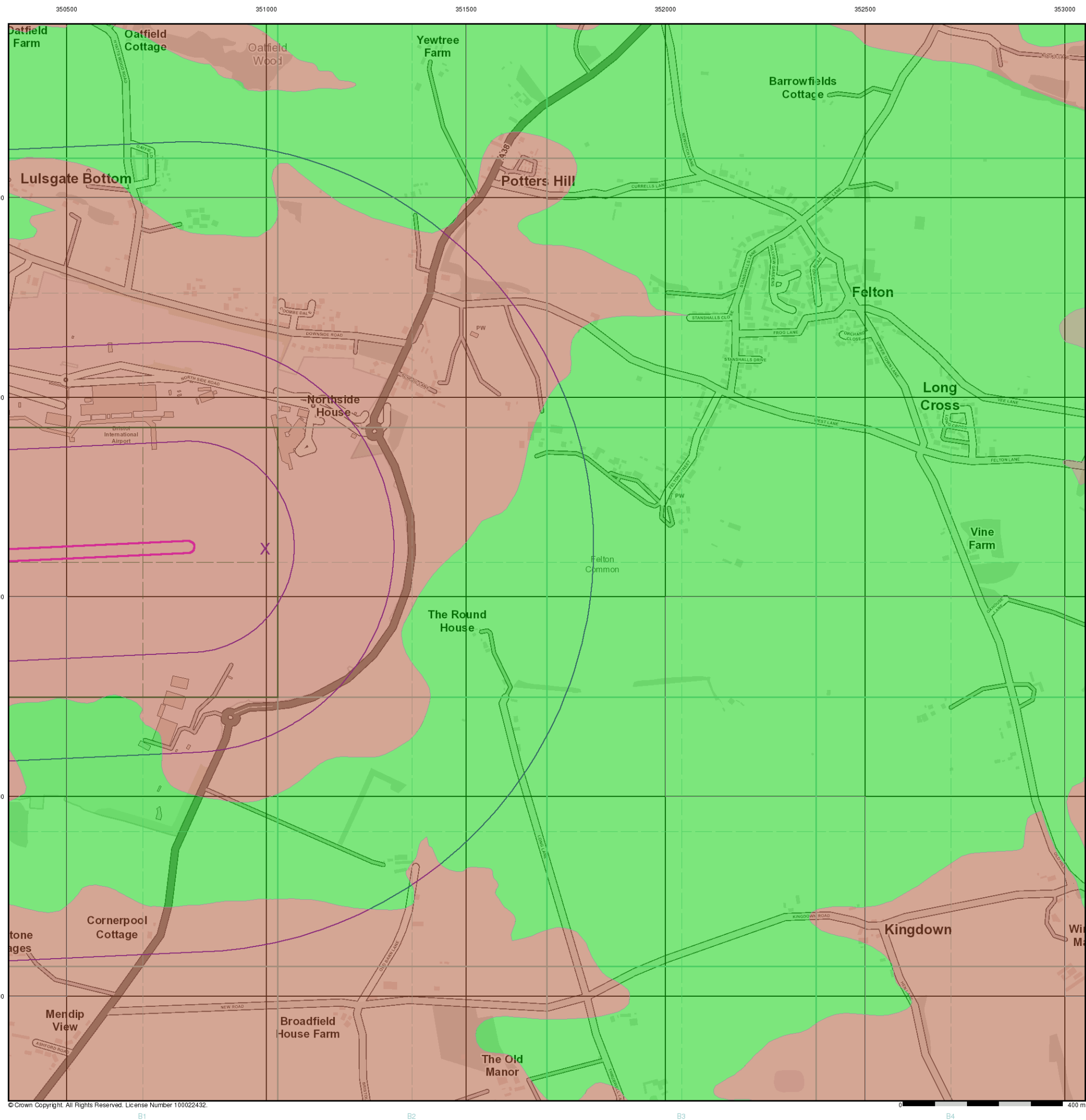
Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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

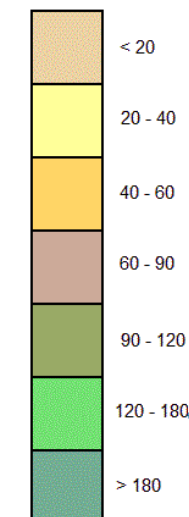


General

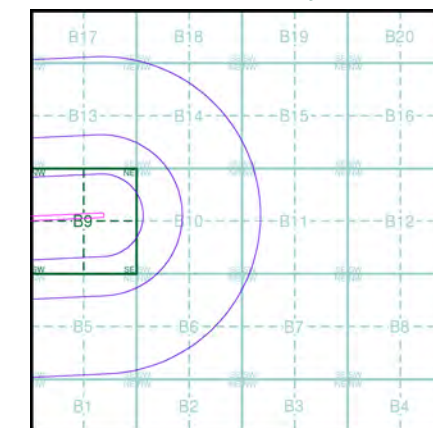
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice B



Order Details

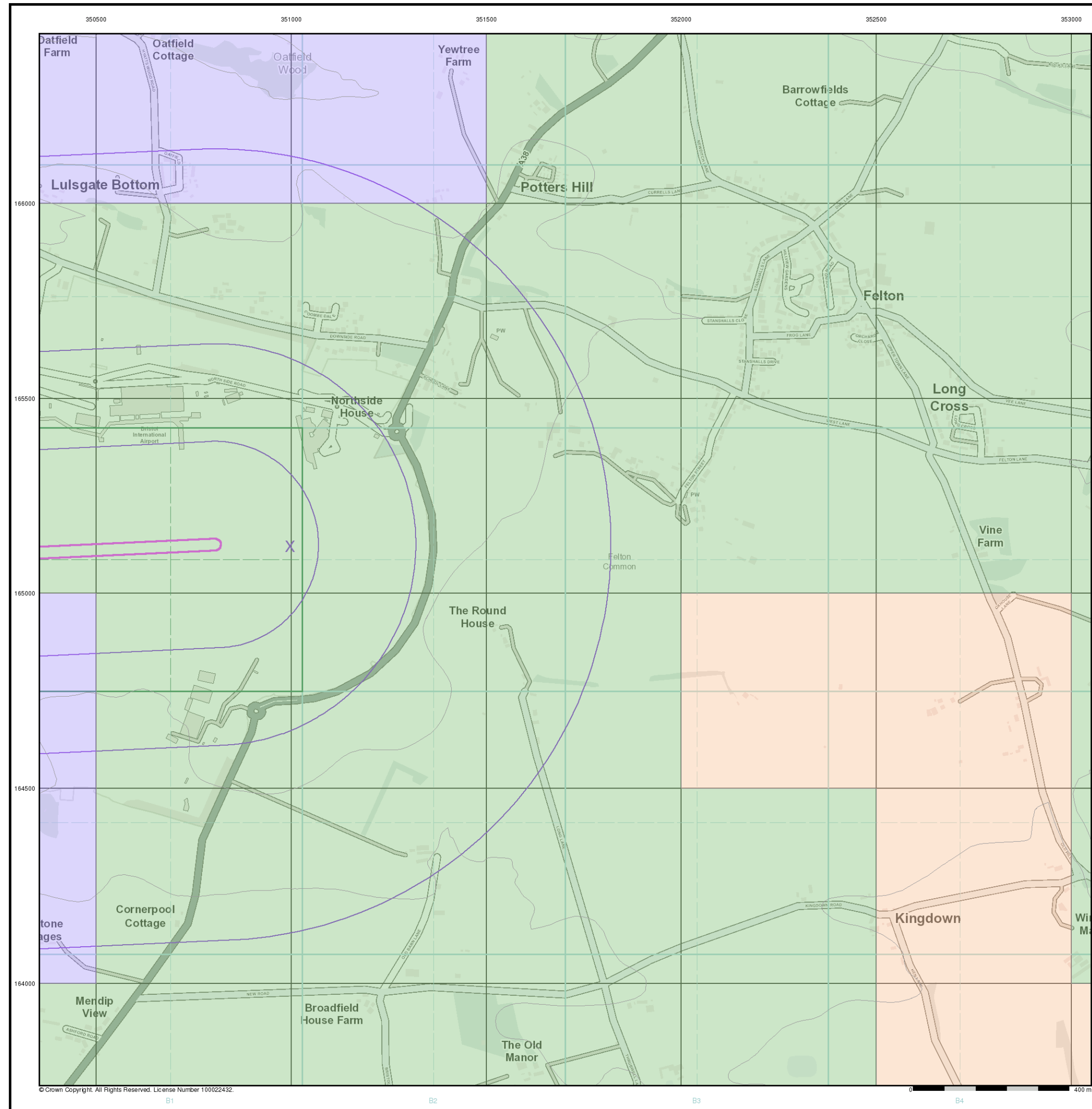
Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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

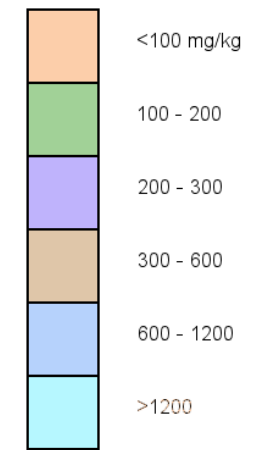


General

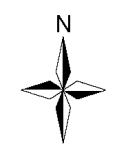
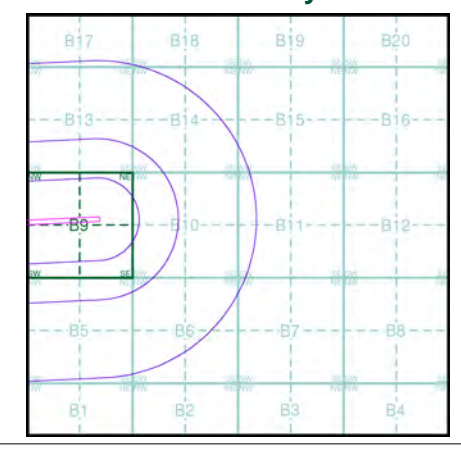
Specified Site Specified Buffer(s) X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice B



Order Details

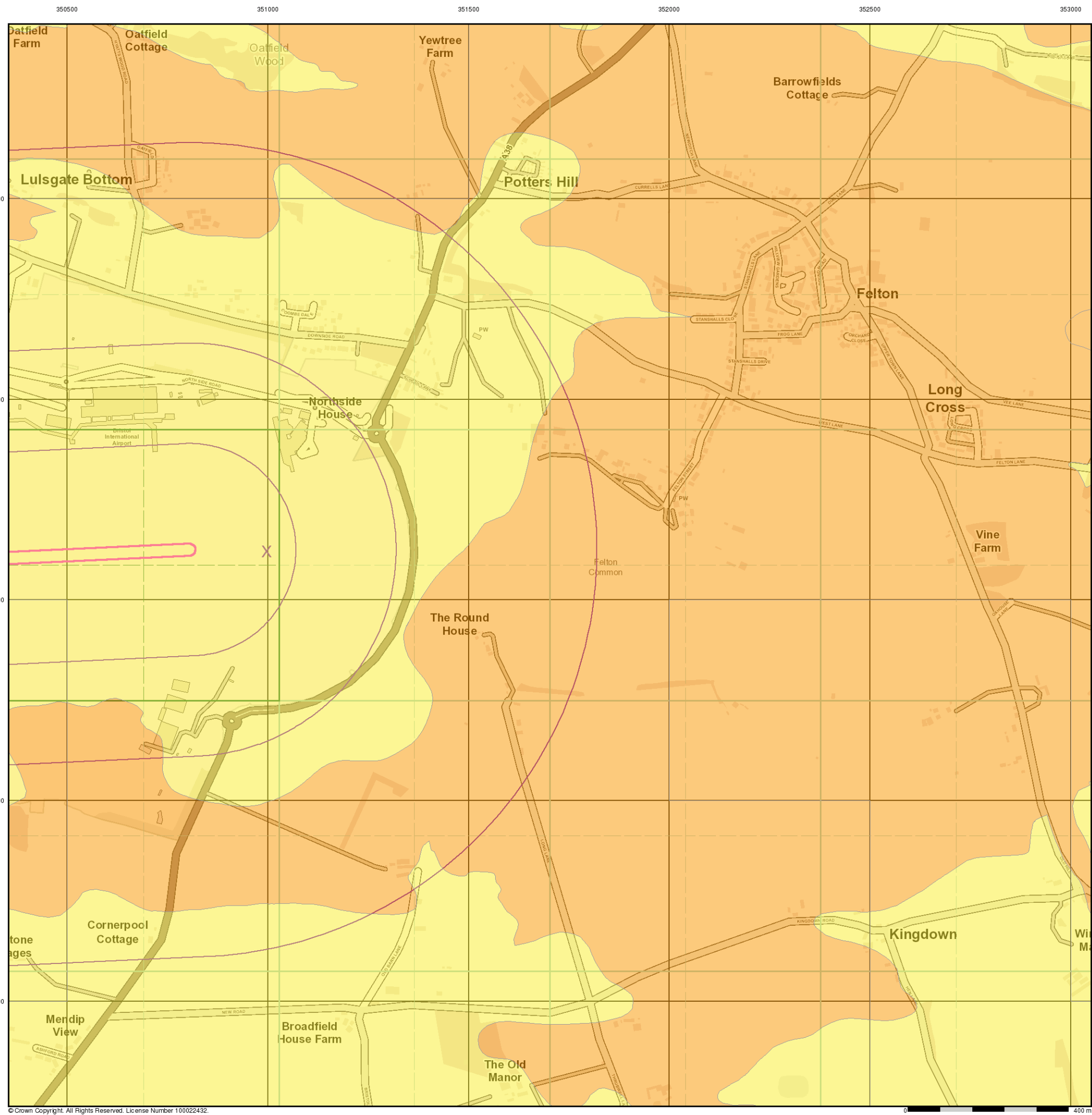
Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

Landmark
INFORMATION GROUP

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

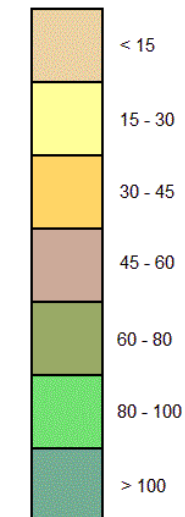


General

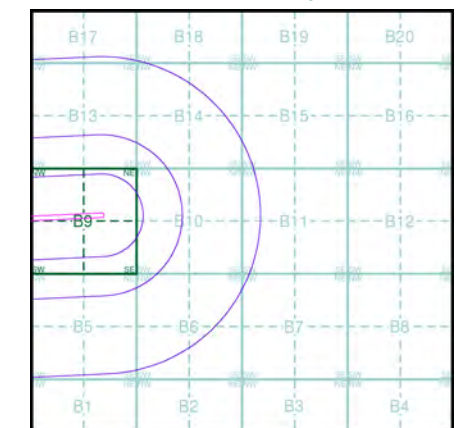
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice B



Order Details

Order Details: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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



General

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

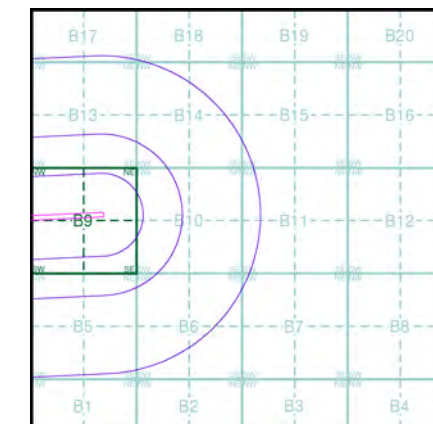
Agency and Hydrological

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

Waste

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

Site Sensitivity Map - Slice B



Order Details

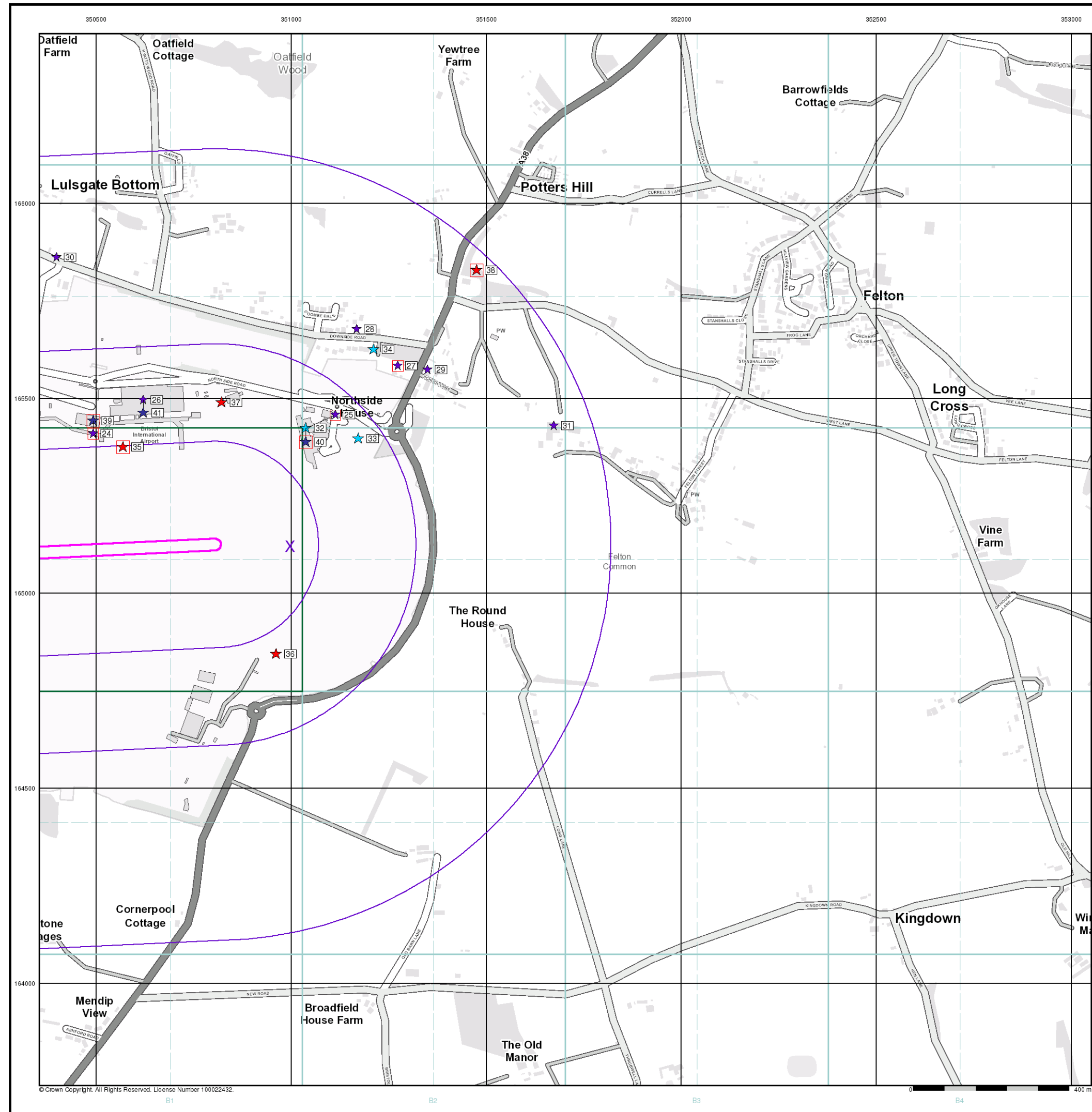
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

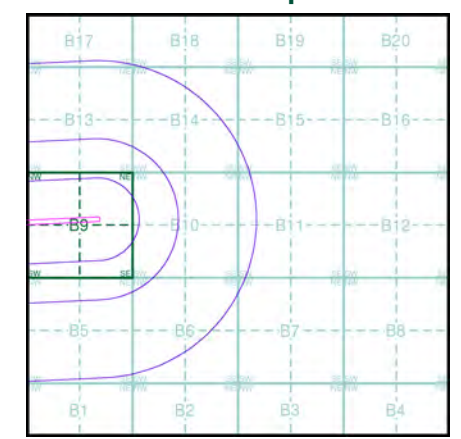


Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry
 - Gas Pipeline
 - Points of Interest - Commercial Services
 - Points of Interest - Education and Health
 - Points of Interest - Manufacturing and Production
 - Points of Interest - Public Infrastructure
 - Points of Interest - Recreational and Environmental
 - Underground Electrical Cables

Industrial Land Use Map - Slice B



Order Details

Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY

Landmark
INFORMATION GROUP

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



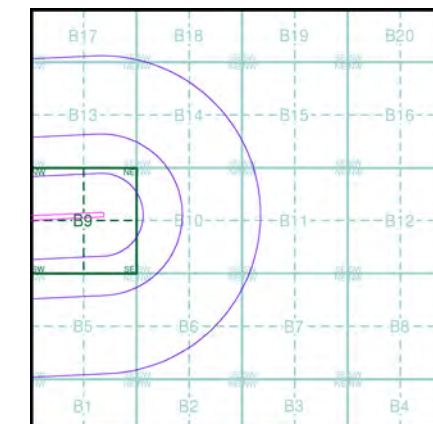
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice B



Order Details

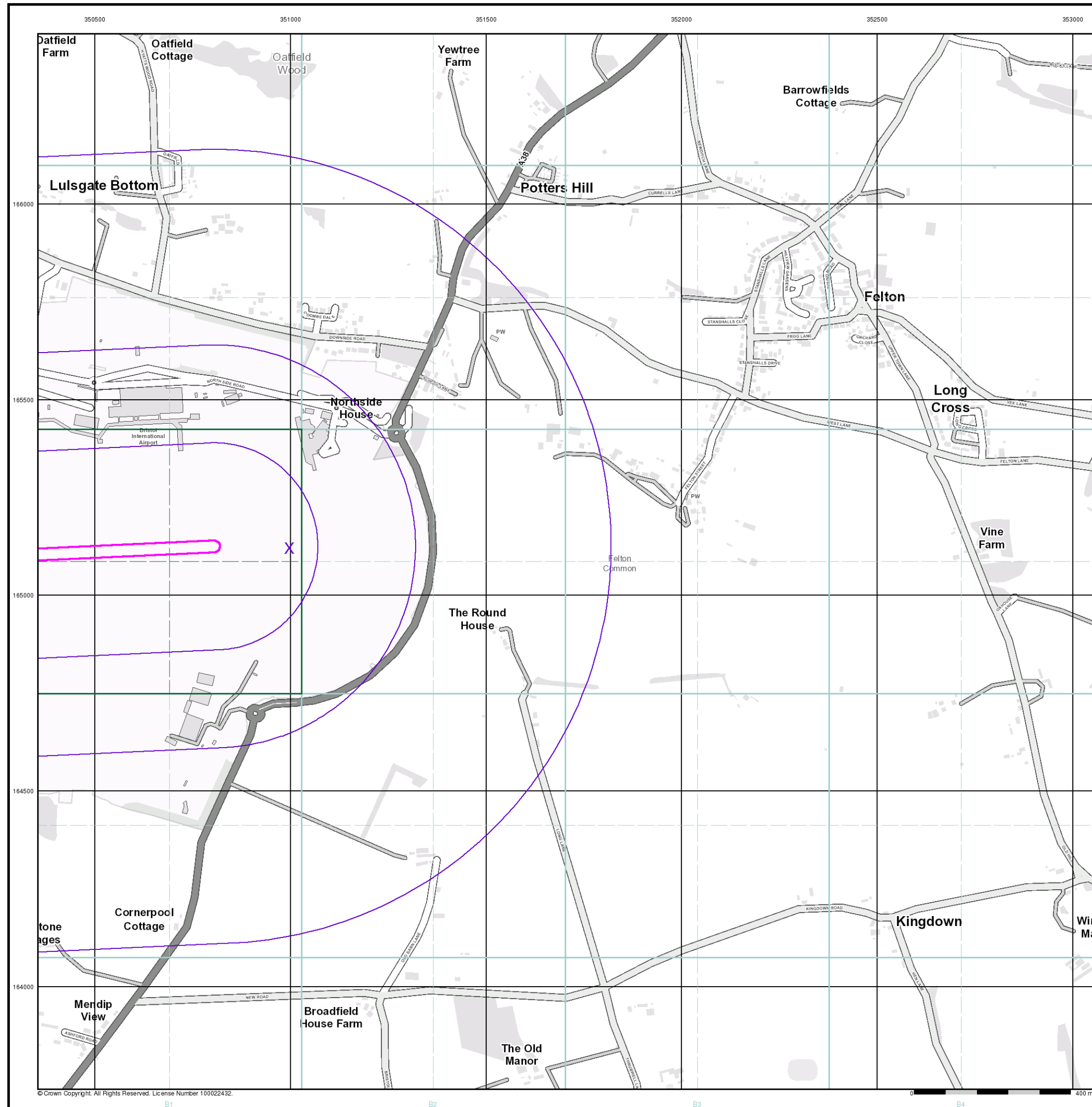
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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





General

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

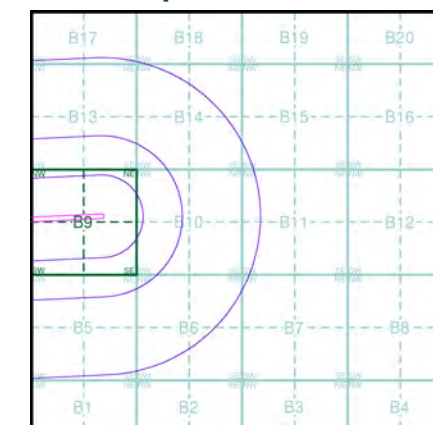
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice B



Order Details

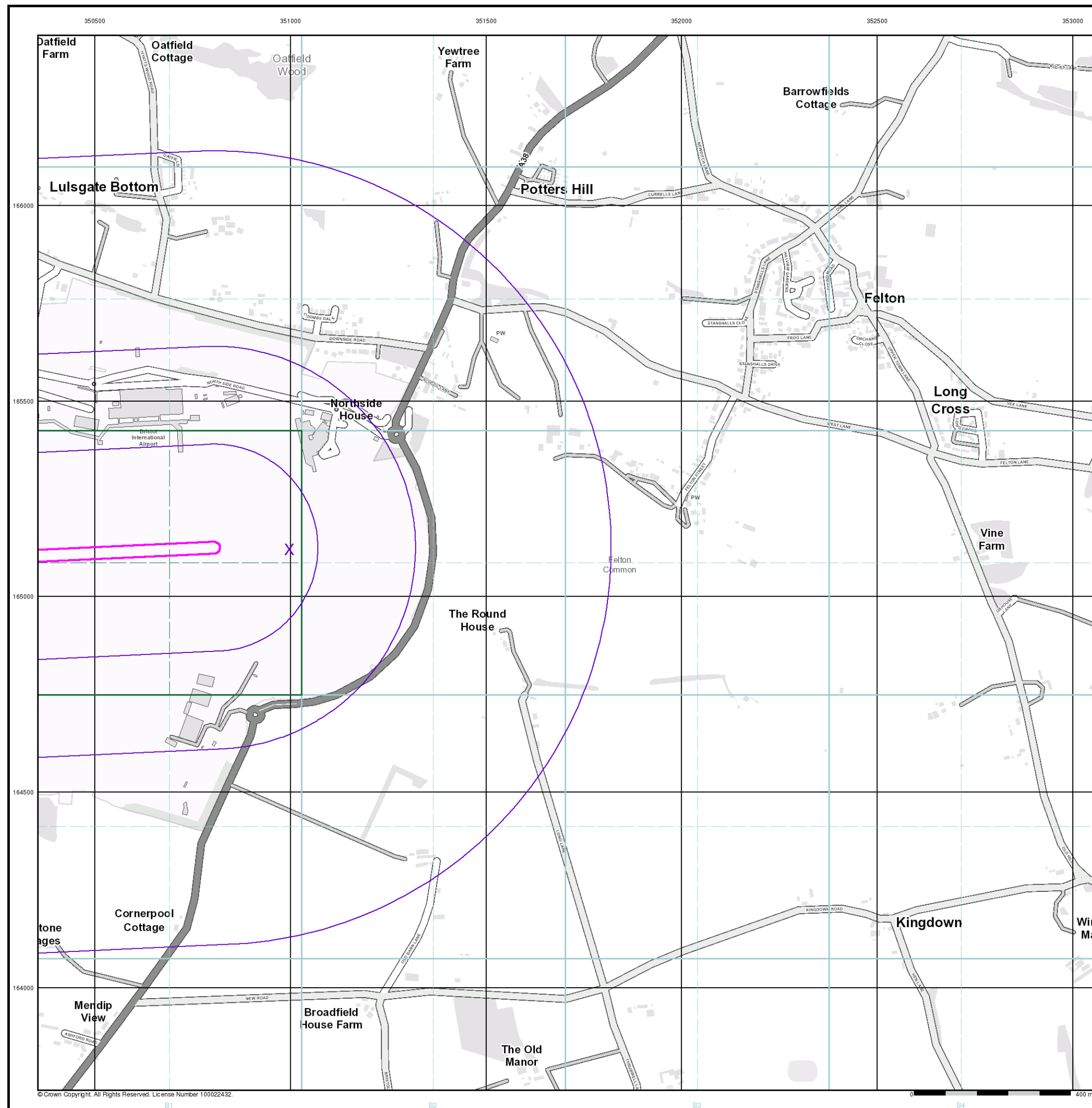
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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





General

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

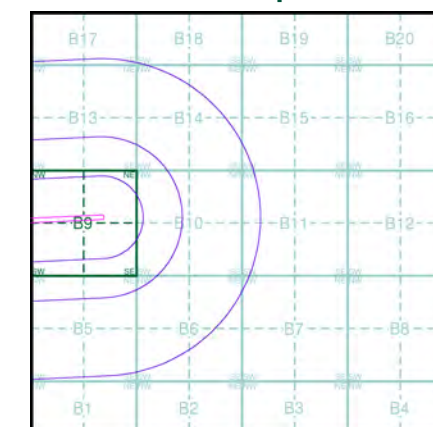
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice B



Order Details

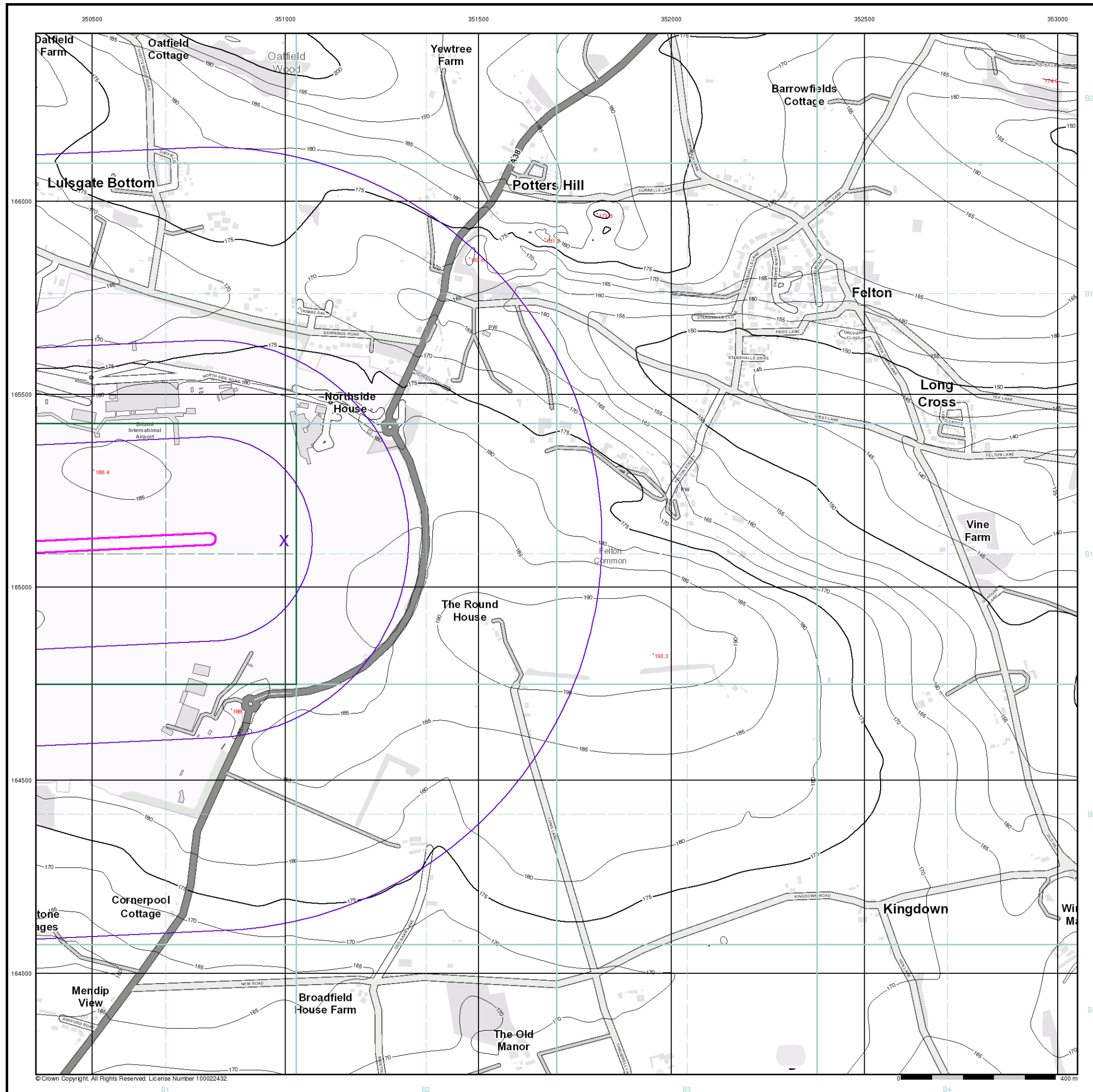
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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

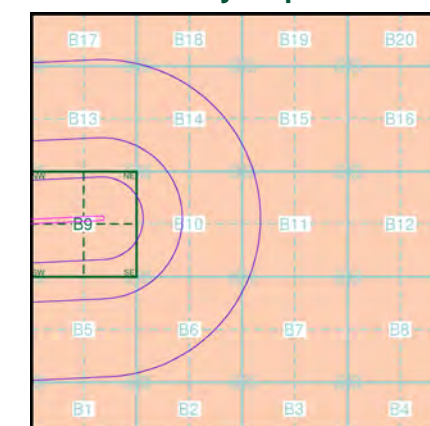
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

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

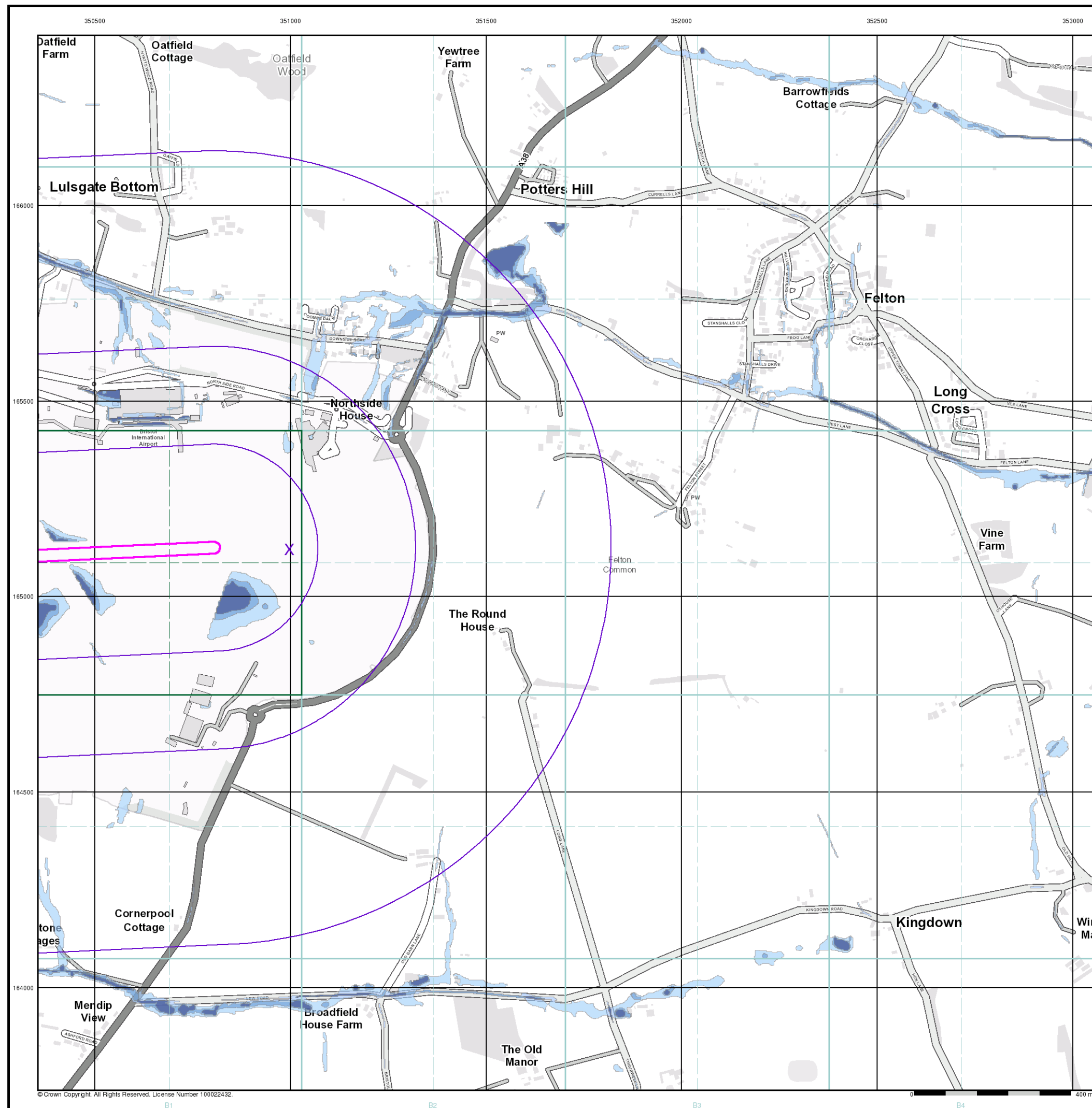
Order Number: 128842570_1_1
Customer Ref: 38970
National Grid Reference: 351000, 165120
Slice: B
Site Area (Ha): 4.82
Search Buffer (m): 1000

Site Details

Bristol International Airport, North Side Road, FELTON, BS48 3DY



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





Appendix C

Environmental Risk Assessment Methodology

The environmental risk assessment aims to assess the significance of each potential contaminant linkage. Each potential linkage is qualitatively assessed using the following criteria:

- potential consequence of contaminant – receptor linkage;
- likelihood of contaminant – receptor linkage; and
- risk classification.

The definitions for the qualitative risk assessment have been taken from "Guidance for the Safe Development of Housing on Land Affected by Contamination" Annex 4 R&D Publication 66: 2008 Volume 2.

The Likelihood Probability Classifications of SPR Linkage being realised is presented in Table C.1

Table C.1 Likelihood Probability Classifications of SPR Linkage being realised

Classification	Definition	Examples
Unlikely	There is pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long-term.	a) Elevated concentrations of toxic contaminants are present below hardstanding. b) Light industrial unit <10 years old containing a double skinned UST with annual integrity testing results available.
Low Likelihood	There is pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a long period such an event would take place, and is less likely in the shorter term.	a) Elevated concentrations of toxic contaminants are present in soils at depths >1m in a residential garden, or 0.5-1.0m in public open space. b) Ground/groundwater contamination could be present on a light industrial unit constructed in the 1990s containing a UST in operation over the last 10 years – the tank is double skinned but there is no integrity testing or evidence of leakage.
Likely	There is pollutant linkage and all the elements are present and in the right place which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short-term and likely over the long-term.	a) Elevated concentrations of toxic contaminants are present in soils at depths of 0.5-1.0m in a residential garden, or the top 0.5m in public open space. b) Ground/ groundwater contamination could be present from an industrial site containing a UST present between 1970 and 1990. The tank is known to be single skin. There is no evidence of leakage although there are no records of integrity tests.
High Likelihood	There is pollutant linkage and an event would appear very likely in the short-term and almost inevitable over the long-term, or there is evidence at the receptor of harm or pollution	a) Elevated concentrations of toxic contaminants are present in soils in the top 0.5m in a residential garden. b) Ground/groundwater contamination could be present from chemical works, containing a number of USTs, having been in operation on the same site for over 50 years.

"Potential Consequence of Contaminant Linkage" gives an indication of the sensitivity of a given receptor to a particular source or contaminant of concern under consideration. It is based on full exposure via the particular linkage being examined. The classification of consequence is presented in Table C.2.

Table C.2 Outline of Hazard Consequence Classifications for Receptor Types from Contamination Impact:

Classification	Human Health	Controlled Water	Ecology	Property: Structures/ Crops and animals	Examples
Severe	Highly elevated concentrations likely to result in "significant harm" to human health as defined by the EPA 1990, Part 2A, if exposure occurs.	Equivalent to EA Category 1 pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point; major impact on amenity value or major damage to agriculture or commerce.	Major damage to aquatic or other ecosystems, which is likely to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long-term maintenance of the population.	Catastrophic damage to crops, buildings or property.	Significant harm to humans is defined in circular 01/2006 as death, disease*, serious injury, genetic mutation, birth defects or the impairment of reproductive functions. Major fish kill in surface water from large spillage of contaminants from site. Highly elevated concentrations of Hazardous or priority substances present in groundwater close to small potable abstraction (high sensitivity). Explosion, causing building collapse (can also equate to immediate human health risk if buildings are occupied).
Medium	Elevated concentrations which could result in "significant harm" to human health as defined by the EPA 1990, Part 2A if exposure occurs.	Equivalent to EA Category 2 pollution incident including significant effect on water quality; notification required to abstractors; reduction in amenity value or significant damage to agriculture or commerce.	Significant damage to aquatic or other ecosystems, which may result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long-term maintenance of the population.	Significant damage to crops, buildings or property.	Significant harm to humans is defined in circular 01/2006 as death, disease*, serious injury, genetic mutation, birth defects or the impairment of reproductive functions. Damage to building rendering it unsafe to occupy e.g. foundation damage resulting in instability. Ingress of contaminants through plastic potable water pipes.
Mild	Exposure to human health unlikely to lead to "significant harm".	Equivalent to EA Category 3 pollution incident including minimal or short-lived effect on water quality; marginal effect on amenity value, agriculture or commerce.	Minor or short-lived damage to aquatic or other ecosystems, which is unlikely to result in a substantial adverse change in its functioning or harm to a species of special interest that would endanger the long-term maintenance of the population.	Minor damage to crops, buildings or property.	Exposure could lead to slight short-term effects (e.g. mild skin rash). Surface spalling of concrete.
Minor	No measurable effects on humans	Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems.	Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems.	Repairable effects of damage to buildings, structures and services.	The loss of plants in a landscaping scheme. Discoloration of concrete.

The risk matrix to link the likelihood and consequence is shown in Table C.3

Table C.3 Risk Matrix

Likelihood:	Unlikely	Low Likelihood	Likely	High Likelihood
Potential Consequence:				
Severe	Low to Moderate	Moderate Risk	High Risk	Very High Risk
Medium	Low	Low to Moderate	Moderate Risk	High Risk
Mild	Very low risk	Low Risk	Low to Moderate	Moderate Risk
Minor	Very low risk	Very low risk	Low Risk	Low Risk

The overall risk definitions are summarised in Table C.4

Table C.4 Risk Definitions

Very Low	It is a low possibility that harm could arise to a designated receptor, but it is likely at worst, that this harm if realised would normally be mild or minor.
Low	It is possible that harm could arise to a designated receptor from identified hazard, but it is likely at worst, that this harm if realised would normally be mild. It is unlikely that the site owner/or occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remediation works are likely to be relatively limited.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely, that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to site owner/occupier. Some remediation works may be required in the longer term.
High	Harm is likely to arise to a designated receptor from an identified hazard at the site without remediation action. Realisation of the risk is likely to present a substantial liability to the site owner/or occupier. Investigation is required as a matter of urgency to clarify the risk. Remediation works may be necessary in the short-term and are likely over the longer term.
Very High	There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without remediation action OR there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to be site owner/or occupier. Investigation is required as a matter of urgency and remediation works likely to follow in the short-term.

wood.



wood.

