

# Novers Hill

Phase 1 Environmental Site Assessment

Bristol City Council

Project number: 60601667

September 2019

## Quality information

### Prepared by



Joshua Lewis  
Environmental Consultant

### Checked by



Emma Evans  
Principal Consultant

### Verified by



Jonathan Larkin  
Technical Director

### Approved by



Emma Evans  
Principal Consultant

## Revision History

Revision	Revision date	Details	Authorized	Name	Position
0	09/09/2019	First Issue	JPL	Jonathan Larkin	Technical Director



## Prepared for:

Bristol City Council

## Prepared by:

AECOM Infrastructure & Environment UK Limited  
3rd Floor, Portwall Place  
Portwall Lane  
Bristol BS1 6NA  
United Kingdom

T: +44 117 901 7000  
aecom.com

© 2019 AECOM Limited. All Rights Reserved.

This document has been prepared by AECOM Limited ("AECOM") for sole use of our client (the "Client") in accordance with generally accepted consultancy principles, the budget for fees and the terms of reference agreed between AECOM and the Client. Any information provided by third parties and referred to herein has not been checked or verified by AECOM, unless otherwise expressly stated in the document. No third party may rely upon this document without the prior and express written agreement of AECOM.

Where any conclusions and recommendations contained in this Report are based upon information provided by others, it has been assumed that all relevant information has been provided by those parties and that such information is accurate. Any such information obtained by AECOM has not been independently verified by AECOM, unless otherwise stated in the Report. AECOM accepts no liability for any inaccurate conclusions, assumptions or actions taken resulting from any inaccurate information supplied to AECOM from others.

The methodology adopted and the sources of information used by AECOM in providing its services are outlined in this Report. The work described in this Report was undertaken between **June and July 2019** and is based on the conditions encountered and the information available during the said period of time. The scope of this Report and the services are accordingly factually limited by these circumstances. AECOM disclaim any undertaking or obligation to advise any person of any change in any matter affecting the Report, which may come or be brought to AECOM's attention after the date of the Report.

The opinions expressed in this report and the comments and recommendations given are based on a desk assessment of readily available information and an initial site reconnaissance by an AECOM Engineer. At this stage intrusive investigations have yet to be undertaken at site to establish actual ground and groundwater conditions and to provide data for an assessment of the geo-environmental status of the site.

Reference to historical Ordnance Survey (OS) maps and/or data provides invaluable information regarding the land use history of a site. However, it should be noted that historical evidence will be incomplete for the period pre-dating the first edition and between the release of successive maps and/or data.

## Table of Contents

1.	Introduction.....	1
1.1	Reason for Report .....	1
1.2	Report Objectives .....	1
1.3	Sources of Information.....	1
1.4	Proposed Development .....	1
1.5	Limitations of the Report.....	1
2.	Site Location and Description .....	3
2.1	Location .....	3
2.2	Site Setting .....	3
2.3	Site Reconnaissance .....	3
2.4	Information from Statutory Sources .....	3
2.5	Sensitive Land Uses .....	6
2.6	Unexploded Ordnance .....	6
3.	Development History .....	7
3.1	Review of Historical Mapping.....	7
3.2	Summary of Findings .....	8
4.	Geology, Hydrogeology and Hydrology .....	9
4.1	Geology .....	9
4.1.2	Soil Chemistry.....	9
4.1.3	Historical Exploratory Hole Records .....	9
4.2	Hydrogeology.....	12
4.3	Hydrology.....	13
4.3.3	Flooding.....	13
4.4	Radon .....	13
4.5	Quarrying, Mining and Landfills .....	13
4.5.1	Quarrying .....	13
4.6	Previous Ground Investigations .....	14
5.	Review of Geo-environmental Risk .....	15
5.1	Introduction .....	15
5.2	Sources of Contamination.....	15
5.3	Potential Contaminants of Concern .....	15
5.4	Pathways for Migration .....	16
5.5	Potential Receptors .....	16
5.6	Assessment of Plausible Contaminant Linkages .....	16
5.7	Human Health .....	20
5.8	Controlled Waters .....	20
5.9	Property .....	20
6.	Recommendations for Further Work.....	21
7.	References .....	22

## Figures (attached)

Figure 1 Site Location Plan

Figure 2 Layout Plan

## Tables

Table 1: Features Surrounding the Site .....	3
Table 2: Summary of Statutory Information .....	3
Table 3: Summary of Historical OS Mapping .....	7
Table 4: Historic Exploratory Holes in BGS Archive .....	10
Table 5: Potential Contaminants of Concern .....	15
Table 6: Severity of risk .....	17
Table 7: Probability of risk occurrence.....	17
Table 8: Risk based on comparison of likelihood and severity .....	17
Table 9: Plausible Pollutant Linkages (PPLs) and Qualitative Risk Assessment.....	18

## Appendices

Appendix A Envirocheck Landmark Report
Appendix B Photolog
Appendix C UXO Threat & Risk Assessment
Appendix D British Geological Survey Borehole Logs
Appendix E CON29M Coal Mining Report

# 1. Introduction

## 1.1 Reason for Report

AECOM has carried out a Phase 1 Geo-environmental Desk Study Assessment of the Novers Hill Site (the Site) on behalf of the Bristol City Council (BCC) (the Client).

AECOM has reviewed readily available information on the geo-environmental characteristics of the Site to make a preliminary qualitative assessment of the potential ground-related risks associated with the Proposed Development of the site.

## 1.2 Report Objectives

This report has been prepared in general accordance with the Model Procedures for the Management of Land Contamination, CLR 11 (Ref. 1), BS 5930:2015 Code of Practice for Ground Investigations (Ref. 2), and BS 10175:2011: +A1 2013: Investigation of Potentially Contaminated Sites – Code of Practice (Ref. 3), to:

- Describe the environmental setting of the Site;
- Describe the findings of a Site reconnaissance;
- Summarise available information on the history of the Site;
- Summarise available information on the underlying soils, geology and hydrogeology;
- Summarise the findings of any historical ground investigation works;
- Provide a Conceptual Site Model for the prevailing ground conditions; and
- Present a preliminary qualitative evaluation of potential land contamination risks.

The report concludes with a series of recommendations for undertaking further investigative work. The purpose of such is to substantiate the findings of the preliminary evaluation and thereby reduce uncertainty in the Conceptual Site Model.

## 1.3 Sources of Information

This report has been prepared using a combination of published records and other information sources such as the Local Authority. These include statutory records and historical mapping supplied within a Landmark Envirocheck Report (**Appendix A**), published geological and hydrogeological mapping and historical borehole records. A complete listing of all information sources is included in the References (section 7).

## 1.4 Proposed Development

It is understood that the Proposed Development involves the construction of a residential development. Details of this development have not yet been confirmed.

## 1.5 Limitations of the Report

The opinions expressed in this report and the comments and recommendations given are based on a desk assessment of readily available information and an initial site reconnaissance by an AECOM Engineer. At this stage intrusive investigations have yet to be undertaken at the Site to establish actual ground and groundwater conditions and to provide data for an assessment of the geo-environmental status of the Site.

The information, views and conclusions drawn are based, in part, on information supplied to AECOM by other parties. AECOM has proceeded in good faith on the assumption that this information is accurate. AECOM accepts no liability for any inaccurate conclusions, assumptions or actions taken resulting from any inaccurate information supplied to AECOM from others.

The Site reconnaissance consisted of a general external inspection of the Site aimed at identifying any obvious signs of geotechnical hazards and potential sources of ground contamination affecting the Site. An environmental compliance audit and/or detailed structural inspection of existing buildings were outside the project brief. Similarly, the Site visit excluded detailed consideration of the ecological or archaeological aspects of the

site, and if such are believed to be of potential significance then it is recommended that specialist advice is sought.

Reference to historical Ordnance Survey (OS) maps provides invaluable information regarding land use history. However, it should be noted that historical evidence will be incomplete for the period pre-dating the first edition and between successive maps.

Any risks identified in this report are perceived risks, based on the information reviewed during the desk study and therefore partially based on conjecture from available information. The study is limited by the non-intrusive nature of the work and actual risks can only be assessed following a physical ground investigation.

The copyright in this document (including its electronic form) shall remain vested in AECOM but the Client shall have a licence to copy and use the document for the purpose for which it was provided. AECOM shall not be liable for the use by any person of the document for any purpose other than for which the same was provided by AECOM. This document shall not be reproduced in whole or in part or relied upon by third parties for any use whatsoever without the express written authority of AECOM.

## 2. Site Location and Description

### 2.1 Location

The Site is located off Novers Hill, Bedminster, Bristol BS3 5QU. The Site is centred on National Grid Reference 358380, 170500. A Site location plan is provided as Figure 1.

### 2.2 Site Setting

The Site is approximately 10.65 hectares (ha) in size. The Site is predominantly occupied by undeveloped land, land used for grazing, stables, and a former school site. A new housing development is located in the central eastern area of the Site.

A layout plan is provided as Figure 2.

The Site topography slopes towards the west and south west towards Pigeonhouse Stream. Adjacent land uses are summarised in Table 1.

**Table 1: Features Surrounding the Site**

Direction	Summary
North	Novers Park extends from the Site to the north, with Novers Hill trading Estate located beyond.
South	Hartcliffe Way is located immediately adjacent to the Site's southern boundary with Imperial Park found beyond.
East	Mainly residential properties are located immediately adjacent to the Site's eastern boundary with commercial properties beyond. A school (Novers Lane Junior Mixed School) lies directly east of much of the southern part of the eastern boundary of the Site.
West	Undeveloped open space currently used for grazing with topography sloping towards the west to Pigeonhouse Stream with the A4174 beyond.

### 2.3 Site Reconnaissance

An AECOM engineer conducted a walkover of the Site and the surrounding area on 20<sup>th</sup> August 2019. The reconnaissance confirmed the Site setting and features on and immediately surrounding the Site, as identified in Section 2.2. Photographs from the Site walkover are included in **Appendix B**.

The Site is primarily comprised of horse grazed fields. A stable is present in the centre of the Site with associated fields extending to the Site's southern boundary. Parcels of dense scrub and trees are present within this area. To the east of this area close to the Site's eastern boundary are two areas of hardstanding which are overgrown with vegetation. The hardstanding appears to have potentially been the remaining footprint of two former buildings, likely associated with the former school (see Section 3).

Immediately north of the stable is an unrelated area occupied by a few small wooden/metal barn-like structures, fenced off grazing areas, caravans, intermediate bulk containers (IBCs) of unknown contents, a horse box van, a small dumper truck (in a state of disrepair), trailers, barrels of unknown content and propane canisters. The remainder of the site to the north appeared to be occupied by horse grazed fields.

### 2.4 Information from Statutory Sources

Table 2 summarises information contained in the Landmark Envirocheck Report (Appendix A). The report collates data from a variety of sources including the Environment Agency (EA) and the British Geological Survey (BGS). All data suppliers are referenced in the report.

**Table 2: Summary of Statutory Information**

Subject	Number present			Details
	On Site	0-250m	250-500m	
Agency and Hydrological				
Contaminated Land Register Entries and Notices	0	0	0	

Subject	Number present			Details
	On Site	0-250m	250-500m	
Discharge Consents	0	6	3	Six discharge consents are listed within 250m of the site, only two of which are active. The details of the active entries are as follows: - Wessex Water Services Limited, Public Sewage: Storm Sewage Overflow located 74m south west. - Wessex Water Services Limited, Public Sewage: Storm Sewage Overflow located 216m north west.
Enforcement and Prohibition Notices	0	0	0	
Integrated Pollution Controls	0	0	0	
Integrated Pollution Prevention and Control	0	0	0	
Local Authority Integrated Pollution Prevention and Control	0	0	0	
Local Authority Pollution Prevention and Controls	0	5	7	Five entries within 250m of the site, four of which are active. The details of the active entries are as follows: - Sita Contract Services Cleansing Services, PG1/14 Petrol Filling Station, Located 122m north. - S J Wring, PG3/16 mobile screening and crushing processes, located 243m north. - Wring Group Ltd., PG3/16 mobile screening and crushing processes, located 243m north. - Greys Packaging Limited, Part B – General Coating Process located 250m north.
Local Authority Pollution Prevention and Enforcements	0	0	0	
Pollution Incidents to Controlled Waters	0	0	0	
Prosecutions Relating to Authorised Processes	0	0	0	
Prosecutions Relating to Controlled Waters	0	n/a	n/a	
Registered Radioactive Substances	0	0	0	
Substantiated Pollution Incident Register	0	0	1	One entry from 447m south west in October 2002. Classified as a Category 2 – significant impact to water from a microbiological pollutant.
<b>Geological</b>				
BGS Recorded Mineral Sites	0	1	5	One former opencast limestone site is listed 138m north east of the site. A further five entries are listed between 303m and 499m from the site for either opencast limestone or common clay and shale extraction, all of which have now ceased.
Man-made Mining Cavities	0	0	0	
<b>Waste</b>				
BGS Recorded Landfill Sites	0	0	0	
Historical Landfill Sites	0	1	1	Licence holder not supplied, Vale Lane. Deposited waster included household waste; Last input date not supplied. 225m north west. Licence holder not supplied, Hartcliffe Way. Deposited waste included household waste; last input date not supplied. 384m south east.
Integrated Pollution Control Registered Landfill Sites	0	0	0	

Subject	Number present			Details
	On Site	0-250m	250-500m	
Licenced Waste Management Facilities	0	2	2	One active entry within 250m of the site: - Rees G R, Redford House, Novers Hill Bristol; metal recycling site. Issued 3rd February 1994, permitted. Located 60m north.
Local Authority Recorded Landfill Sites	0	0	0	
Potentially Infilled Land (Non-water)	0	2	5	Seven entries listed within 500m of the site. All entries are for unknown filled ground (pit, quarry etc.) and are located 91m east, 245m north west, 304m north, 304m south west, 326m west, 401m west and 478m west.
Potentially Infilled Land (Water)	0	0	1	One entry listed within 500m of the site for unknown filled ground (pond, marsh, river, stream, dock etc.) located 450m south west.
Registered Landfill Sites	0	0	0	
Registered Waste Treatment or Disposal Sites	0	1	0	One entry listed from 75m north of the site for G R Rees of Novers Hill Car Spares (scrapyard). Authorised waste: cars/other vehicles.
<b>Hazardous Substances</b>				
Control of Major Accident Hazard Sites (COMAH)	0	0	0	
Explosive Sites	0	0	0	
<b>Industrial Land Use</b>				
Contemporary Trade Directory Entries	0	50	37	Of the listed entries within 250m of the site, sixteen are active. These are: Precision Health (Distribution Services) 53m north; S R P Scaffolding (Scaffolding & Work Platforms) 87m north; West End Windows (PVC-U Products – Manufacturers & Suppliers) 133m north; Kings Vehicle Body Repairs (Garage Services) 186m north; Luckwell Garage Ltd. (MoT Testing Centre) 203m north; Alltow Recovery (Car Body Repairs) 203m north; J P Auto Solutions (Garage Service) 203m north; Printgraphicsign (T-shirts) 188m north; B & S Cleaning Bristol Ltd. (Graffiti Removers) 193m north; Four Circles Garage (Garage Service) 213m north; Dam Wright Auto Centre Ltd. (Garage Service) 219m north; West of England Group Ltd. (Engineers – General) 236m north; Greys Packaging (Packaging Materials Manufacturers & Suppliers) 250m north; Service Master (Commercial Cleaning Services) 218m south; Avonaire Ltd. (Air Conditioning & Refrigeration Contractors) 236m south; G J Treasure Cleaning Contractors (Commercial Cleaning Services) 248m south and Apex Ventures Ltd. (Garage Services) 248m north.  A further 8 active entries are listed between 250m and 500m of the site.
Fuel Station Entries	0	0	2	One active fuel station entry is listed within 500m of the site. Hartcliffe Way Service Station (ESSO) 312m north.



## 2.5 Sensitive Land Uses

The Sensitive Land Uses Map from the Envirocheck Report (**Appendix A**) indicates that the Site does not lie within a sensitive land use area. An Area of Adopted Greenbelt is located 940m west of the Site.

## 2.6 Unexploded Ordnance

According to regional unexploded ordnance (UXO) mapping published by Zetica (Ref. 4), the Site is situated in a high-risk area for UXO. These are regions with a bombing density of up to 50 bombs per 1000 acre or higher. A UXO Threat and Risk Assessment is included in **Appendix C**.

A UXO Threat and Risk Assessment was carried out by UXO specialist 6 Alpha in August 2019 (Ref. 5). The report identified that during WWII, Bristol recorded 63 high explosive (HE) bomb strikes per 100ha, resulting in a very high level of bombing. However, given that the Site is situated adjacent to several primary WWII bombing targets, the localised bombing density may be higher.

Air Raid Precaution records for the site did not note any HE bomb strikes. However, five were recorded within 305m; located 60m to the west, 225m to the west, 240m to the east, 280m to the north-west and 315m to the west.

Official bomb damage mapping did not record any bomb damage within 1,000m of the Site. Nonetheless, given that the Site was undeveloped during WWII, mapping would not ordinarily be expected to display any bomb damage within the Site boundary. In addition, supplementary research did not identify any evidence of potential bomb damage within 1,000m of the Site.

Pre-WWII mapping (1938) associated with the Site shows that it was located within a largely rural area during WWII. The Site itself predominantly consisted of undeveloped ground, though several small unnamed structures were located within the central sector of the Site. As a result, it is highly likely that any UXB entry holes within the Site would have gone unnoticed following any raids.

Further small structures were developed on-site during the late 1940's and 1950s and significant construction work occurred during the 1960s with the construction of Nover's Lane Infants School. Further development work was undertaken on-site with the demolition of the school and construction of residential properties between 2000 and 2019.

Nonetheless, most of the Site has remained undeveloped since WWII. Consequently, it is considered likely that any UXO within the structural foundations of post-war buildings would have been discovered and removed, however, the potential for deep buried UXO to be present within remaining areas is assessed to be extant.

The following risk mitigation measures are recommended as a minimum, to reduce risk as low as reasonably practicable, during all intrusive works:

- Operational UXO Emergency Response Plan;
- UXO safety and Awareness Briefings.

For trial pitting, window sampling and trenching in all previously undisturbed areas:

- Explosive Ordnance Disposal Banksman Support.

Piling and boreholes:

- Intrusive Magnetometer Survey.

### 3. Development History

#### 3.1 Review of Historical Mapping

The historical Ordnance Survey (OS) maps obtained with the Landmark Envirocheck report (**Appendix A**) date from 1884 to 2019. Table 3 summarises a review of the mapping.

**Table 3: Summary of Historical OS Mapping**

Year [scale]	Features on-site	Features off site
1884 (1:10,560)	The Site is undeveloped land separated by hedgerows.	Gravel Pit and Limekiln c.100m west. Fever Hospital c. 250m east. Limekiln c.250m west. Rifle Range from 250m to c.750m north. Quarry c.350m west. Lock's Mills mill and pond c.350m north. Gravel Pit c.400m west. Croxbottom Farm 500m south west. Quarry 500m east. Philwood Farm c.600m south east. Bristol Water Works 800m north west. Malthouse 1km north east.
1886 (1:2,500)	No significant changes in layout noted.	No significant changes in layout noted.
1904 (1:10,560)	No significant changes in layout noted.	Quarries c.200m east. Vale Lane Brick and Tile works c.550m west. Somerset Brick and Tile Works c.750m north west. Headley Farm c.700m west. Reservoir and Pumping Station c.850m north west. Gasometer c.750m north. Residential development from 500m north west.
1920 – 21 (1:10,560)	No significant changes in layout noted.	Clay pit 500m north west. Allotment gardens 500m west.
1931 (1:2,500)	No significant changes in layout noted.	Quarry c.200m east has expanded.
1938 (1:10,560)	A few structures present in the Site's central eastern area.	Large residential development in construction extending from the Site's eastern boundary to >1km east / north east of the Site. Residential development from 500m west extending to >1km west of the Site.
1955 (1:10,000)	Development of a larger structure within the previously developed area.	Large residential development now complete. Bristol (Whitchurch) Airport 750m south east.
1968 (1:1,250)	The development is labelled shopfitting works with a tank present on site.	No significant changes in layout noted.
1976 – 77 (1:10,000)	School located in the east of the Site.	Refuse destroyer is located 25m west of the Site. Large works (Imperial Tobacco) located c.100m south of the Site. Hengrove Way (running west – east) and large roundabout junction connecting with Hartcliffe Way under construction c.250m south of the Site. Multiple factories and works present from 500m – 1km south west of the Site. Large residential development from c.600m south of the Site extending >1km south / south west of the Site. Bristol (Whitchurch) Airport demolished an Hengrove Park recreational ground present in its place.
1999 (1:10,000)	The few small structures in the centre of the Site labelled Hilltop Farm.	Hengrove Way road and junction complete.
2006 (1:10,000)	No significant changes in layout are noted.	Large works building c.100m south of the Site demolished and replaced with a superstore.
2019 (1:10,000)	School buildings within Site boundary have been demolished. The works have been replaced with a residential development. A few small structures (stables) present in the north east of the Site.	No significant changes in layout are noted.

## 3.2 Summary of Findings

The historical Ordnance Survey (OS) maps obtained within the Landmark Envirocheck report date between 1884 and 2019. The first available mapping shows the Site to be undeveloped agricultural land with land parcels separated by hedgerows. The first structures were present on Site from c.1938 adjacent to the Site's eastern boundary. By 1955 these structures had been extended and were labelled as a shopfitting works. By 1968 the site also contained a tank (unknown contents) which was located to the south east of the main building; by 2019 the building associated with the works have been demolished and replaced with a small residential development. A few smaller structures were developed to the west of the shopfitting workings by 1977 which were labelled as Hilltop Farm on the 1999 map and are still present on the 2019 map.

The surrounding land use was originally undeveloped agricultural land with several quarries present, the closest being within 200m of the Site. A large residential development was in construction to the east / north east of the Site c.1938 which was completed by 1955, with another residential development to the south west of the site completed by 1977. Bristol (Whitchurch) Airport, 750m south east, was present on the 1955 map before becoming Hengrove Park by 1977.

## 4. Geology, Hydrogeology and Hydrology

### 4.1 Geology

#### 4.1.1 Published Records

The geological mapping provided within the Envirocheck Landmark report (Appendix A) and with reference to the BGS Solid and drift geology map Sheet 264 (Ref. 6) indicates the Site is primarily underlain by The Mercia Mudstone Group (MMG), with sections of the southern and south eastern areas of the site underlain by the Westbury Formation and Cotham Member (undifferentiated), Wilmcote Limestone Member, Blue Anchor Formation, Langport Member and the MMG. The most southern point of the Site is reported to be underlain by the Saltford Shale Member. Superficial deposits of Alluvium follow the Pigeonhouse Stream c.120m west of the Site and may encroach across the Site's western boundary.

The Envirocheck mapping indicates that Made Ground is present in the south western corner of the Site. It is likely that Made Ground is found elsewhere on the Site associated with historical developments.

#### 4.1.2 Soil Chemistry

British Geological Survey (BGS) Soil Chemistry datasets provide indicative information on regional concentrations of five potentially harmful elements (PHEs): Arsenic (As), Cadmium (Cd), Chromium (Cr), Nickel (Ni) and Lead (Pb) in soil. This information is included within the Envirocheck report. Elevated concentrations of these PHEs can exist because of natural geological conditions or possible human contamination.

The following BGS estimated soil chemistry levels are attributed to the vicinity of the Site (these are not based on site specific testing; they simply represent an estimate of typical concentrations in the area):

- Arsenic 15-45 mg/kg;
- Cadmium <1.8mg/kg;
- Chromium 60-120mg/kg;
- Nickel 15-45mg/kg;
- Lead <100mg/kg.

#### 4.1.3 Ground Stability Records

The Envirocheck report (**Appendix A**) suggests that there is a moderate risk of landslide ground stability hazards, very low risk of collapsible ground stability hazards, very low risk of compressible ground stability hazards, very low risk of ground dissolution stability hazards, very low risk of running sand ground stability hazards and low risk of swelling clay ground stability hazards.

#### 4.1.3 Historical Exploratory Hole Records

The BGS maintains an archive of historical exploratory hole logs throughout the UK. AECOM has searched the database and a summary of those which are considered to provide useful information on the ground profile at the site is given in Table 4. Copies of the logs are included as **Appendix D**.

Table 4: Historic Exploratory Holes in BGS Archive

Borehole Ref NGR Distance from the Site Depth of borehole Date	Stratum	Description	Depth to Top of Stratum  (m bgl)	Thickness (m)	Groundwater
ST56NE6 358380, 169130 On site 44.7m bgl May 1973		Topsoil	0	0.3	N/A
	Lower Lias	Pale brown silty sandy CLAY with cobble and gravel of pale grey moderately strong limestone.	0.3	1.0	
	White Lias	Weathered to pale grey brown, strong LIMESTONE with a very thin shaley mudstone. Parting at 1.53m.	1.3	0.55	
	Cotham Beds	Weathered to fragmented, pale brown very weak MUDSTONE with limestone cobble.	1.85	0.91	
	Cotham Marble	No description	2.76	0.02	
	Cotham Beds	MUDSTONE with nodular LIMESTONE (approx. 10% limestone).	2.78	1.55	
		SILTSTONE	4.33	0.90	
	Westbury Beds	Becoming very thin horizontally bedded occasionally jointed, dark grey silty MUDSTONE below 7.25.	5.23	2.57	
	Tea Green Marl	Very thin bedded, very close jointed greenish grey very weak sandy calcareous MUDSTONE from 7.8 – 8.5m.	7.8	3.85	
	Keuper Marl (MMG)	No description	11.55	9.10	
ST56NE35 358340, 169070 On sites southern boundary 39.95 AOD March 1970		Topsoil	0	0.15	Damp from 2.13m to 2.29m
		Stiff grey/brown silty CLAY with limestone fragments	0.15	1.83	
		Stiff grey/brown silty shaley CLAY (sandy from 2.13m)	1.98	0.76	
		Very stiff grey/blue silty shaley CLAY laminated with limestone bands.	2.74	1.22	
		Hard grey/brown clayey weathered LIMESTONE	3.96	1.83	
	Keuper Marl (MMG)	Relatively hard grey/green sandy MARL, micaceous in parts.	5.79	2.44	
		Relatively hard, red/brown fine homogenous MARL.	8.23	4.27	
		Red/brown homogenous MARL.	12.19	0.30	

Borehole Ref NGR Distance from the Site Depth of borehole Date	Stratum	Description	Depth to Top of Stratum  (m bgl)	Thickness (m)	Groundwater
ST56NE10 358000, 169900 280m West 16.75m bgl 1976	Made Ground	Topsoil, quarry waste and red brown clay.	0	1.5	3.1m bgl
		Refuse, ashes, tins, bottles, plastic bags.	1.5	2.5	
		Lorry tyres	4.0	0.5	
		Refuse, mixed with building rubbish, bricks, ashes.	4.5	3.0	
		Rubber tyres and building rubbish	7.5	0.5	
		Tyres and red brown marl	8.0	0.8	
		Refuse, ashes, tins, bottles and tyres.	8.8	5.0	
	MMG	Red brown hard to very hard MARL with some green pockets	13.8	0.3	
		Very hard red brown MARL some 'tea' green spots, almost mudstone.	14.1	1.7	
		Very hard red brown MARL with green pockets.	15.8	1.0	
		Probably MARL – washed out when casing drilled.	16.8	0.4	
		Moderately weathered very thickly bedded reddish brown fine grained calcareous moderately weak fine sandy SILTSTONE with sub-vertical joints 30° – 60° attitude.	17.2	1.4	
		Moderately weathered thickly bedded grey green medium grained calcareous moderately strong SANDSTONE.	18.6	18.9	
		Highly weathered very thickly bedded reddish brown fine grained calcareous very weak fine sandy SILTSTONE with very thin bands of grey green SANDSTONE.	18.9	20.1	
		Highly weathered becoming weathered very thickly bedded reddish brown fine grained becoming medium grained calcareous weak becoming moderately weak silty SANDSTONE with abundant gypsum crystals and very thin bands of grey green SANDSTONE.	20.1	0.7	
		Moderately weathered, very thickly bedded reddish brown medium	20.8	2.3	

Borehole Ref NGR Distance from the Site Depth of borehole Date	Stratum	Description	Depth to Top of Stratum  (m bgl)	Thickness (m)	Groundwater
		grained moderately weak to moderately strong SANDSTONE with sub-vertical joints 30° – 60° attitude.			

These boreholes are consistent with the BGS geological mapping. Two are located in to the south of the Site or on the Site's southern boundary which is representative of the anticipated geology found in the south of the Site. The third is found 280m west of the Site and is representative of the anticipated bedrock geology found underlying the majority of the Site.

## 4.2 Hydrogeology

### 4.2.1 Aquifer Classification

The Environment Agency's (EA) Groundwater Protection Policy adopts aquifer designations that are consistent with the Water Framework Directive. According to this system:

- The Mercia Mudstone Group found underlying the majority of the Site is a Secondary B aquifer;
- The Wilmcote Limestone Member located in the south of the Site is classified as a Secondary A Aquifer;
- The Westbury Formation and Cotham Member which form a band across the central and southern section of the Site is classified as a Secondary Aquifer – Undifferentiated;
- The Blue Anchor Formation and the Langport Member which also form a band across the central and southern section of the Site are classified as Secondary B Aquifers.

The EA defines a Secondary Aquifer as 'permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifer formerly classified as minor aquifers'. A Secondary A Aquifer has potential for local water supply for abstraction and to rivers via permeable layers. A Secondary B Aquifer has lower permeability layers which may store and yield limited amounts of groundwater and are generally water bearing parts of former non-aquifers. A Secondary Undifferentiated Aquifer is one which it has not been possible classify as either an A or B due to variable characteristics of the rock type.

### 4.2.2 Vulnerability of Groundwater Resources

In terms of identifying the risk of contamination from potential polluting activities in a given area to groundwater sources (wells, boreholes and springs) used for supplying public drinking water, the EA identifies Source Protection Zones (SPZ). These show the extent of a groundwater source catchment and are divided into three zones, as follows:

- SPZ 1 (Inner protection zone) is located immediately adjacent to the groundwater source. It is based on a 50-day travel time from any point below the water table and is designed to protect against the effects of human activity and biological/chemical contaminants that may have an intermediate effect on the source. The zone has a minimum radius 50m.
- SPZ 2 (Outer protection zone) is larger than SPZ 1 and is defined by a 400-day travel time from a point below the water table to the source. The travel time designed to provide delay and attenuation of slowly degrading pollutants. This zone has a minimum radius of 250m or 500m, depending on the size of the abstraction.
- SPZ 3 (Source catchment protection) covers the complete catchment area of a groundwater source.

Mapping produced by the EA and supplied with the Envirocheck report shows that the Site does not lie within a SPZ and no SPZ are recorded within 1km of the Site.

### 4.2.3 Site Characteristics

The regional direction of groundwater flow is expected towards the Pigeonhouse Stream / The Malago to the west / north west.

### 4.2.4 Licensed Groundwater Abstractions

With reference to the Envirocheck report (**Appendix A**) there are no recorded entries within 1km of the Site.

## 4.3 Hydrology

### 4.3.1 Surface Water Courses and Drainage

The Pigeonhouse Stream is located 120m west of the Site. The river flows from the south to the north joining the Malago c.170m west of the northern portion of the Site. The Malago runs to the north joining the River Avon approximately 2.2km north of the Site.

### 4.3.2 Surface Water Abstractions

With reference to the Envirocheck report (**Appendix A**) there are no licensed surface water abstractions within 1km of the Site.

### 4.3.3 Flooding

Flood zones on the EA mapping are defined as:

- Zone 1: Land assessed as having less than 1 in 1,000 (<0.1%) annual probability of river or sea flooding.
- Zone 2: Land assessed as having between a 1 in 100 and 1 in 1,000 (1% - 0.1%) annual probability of river flooding; or land having between a 1 in 1200 and 1 in 1,000 (0.5% - 0.1%) annual probability of sea flooding.
- Zone 3: Land assessed as having a 1 in 100 or greater annual probability of river flooding (>1%), or a 1 in 200 greater annual probability of flooding from the sea (>0.5%) in any year.

Note: These flood zones refer to the probability of river and sea flooding, ignoring the presence of defences.

The Agency and Hydrological (Flood) map provided within the Envirocheck report (**Appendix A**) indicates that the Site is not at risk of flooding from rivers or the sea. However, the south west corner of the Site has the potential for groundwater flooding to occur within a property situated below ground level. A small portion of the eastern area of the Site is classified as having a limited potential for groundwater flooding to occur.

## 4.4 Radon

The Envirocheck report (**Appendix A**) indicates the Site is within an intermediate probability radon affected area. No radon protective measures are necessary in the construction of new dwellings or extensions.

## 4.5 Quarrying, Mining and Landfills

An attempt has been made to identify any quarrying, mining and landfill operations, past and present that have taken place in the vicinity of the Site. The sources of information referenced in this element of the desk study include:

- Envirocheck datasheet supplied by Landmark;
- Historical OS Mapping supplied by Landmark;
- Geological maps.

### 4.5.1 Quarrying

Eight former opencast quarrying operations are listed within the Envirocheck report. The details of each are as follows:



- Bedminster Down Gravel Pits, quarrying of the Wilmcote Limestone Member for sand gravel. Ceased. Located 138m north east.
- Vale Lane, quarrying of Mercia Mudstone Group for common clay and shale. Ceased. Located 202m north west.
- Headley, quarrying of Wilmcote Limestone Member for limestone. Ceased. Located 332m west.
- Headley Gravel Pit, quarrying of Wilmcote Limestone Member for sand and gravel. Ceased. Located 366m west.
- Vale Lane No 1 Claypit, quarrying of Mercia Mudstone Group for common clay and shale. Ceased. Located 438m north.
- Novers Park, quarrying of Wilmcote Limestone Member for limestone for limestone. Ceased. Located 499m north east.
- South Bristol Brick and Tile Works, quarrying of Mercia Mudstone Group for common clay and shale. Ceased. Located 558m south west.
- Malagoo Vale Works, quarrying of Mercia Mudstone Group for common clay and shale. Ceased. Located 964m north.

#### 4.5.2 Mining

A copy of The Coal Authority CON29M Coal Mining Report is included in **Appendix E**. The report states that evidence of, or the potential for, coal mining related features have been identified. The Site is in a surface area that could be affected by underground mining in two seams of coal at 560m to 900m depth, which was last worked in 1911. Any movement in the ground due to coal mining activity associated with these workings should have stopped by now. It is unlikely that these features will impact on the stability of the Site.

#### 4.5.3 Landfilling

With reference to the above data there are three historical landfill sites within 1km of the site and one registered landfill site within 1km of the site. Two registered waste treatment or disposal sites are also listed within 1km of the Site.

The historical landfill sites are detailed below.

- Licence holder not supplied, Vale Lane. Deposited waste included household waste; Last input date not supplied. 225m north west.
- Licence holder not supplied, Hartcliffe Way. Deposited waste included household waste; last input date not supplied. 384m south east.
- Licence holder not supplied, Airport Road. Deposited waste not supplied; last input date not supplied. 640m south east.

The registered waste treatment or disposal sites are detailed below:

- G R Rees, Novers Hill Car Spares authorised for cars/other vehicles; located 75m north of the site. The licence is still operational as far as known.
- A R Nichols, Chatsworth Bungalow, authorised for cars/vehicles, electrical cable, engines/gearboxes, general ferrous metals, general machinery, general non-ferrous metals, vehicle batteries; located 507m south west of the site. The licence is still operational as far as known.

### 4.6 Previous Ground Investigations

No previous reports were made available for the site.

## 5. Review of Geo-environmental Risk

### 5.1 Introduction

This section is aimed at identifying possible risks associated with the proposed development of residential properties, to identify receptors arising from substances used or deposited on-site, or from other sources of land contamination. Both past and current potentially contaminative land uses have been considered.

### 5.2 Sources of Contamination

#### 5.2.1 Historical Usage

The contamination on a site will largely depend on the history of the site and the range of processes carried out as well as the materials used and produced there. The following sources of information have been reviewed:

- Historical Ordnance Survey maps (Landmark Envirocheck)

The earliest mapping from 1884 indicated that the site was undeveloped land until a few unlabelled structures were present by 1938. A shopfitting works with a tank was present by 1968, with a school and a few structures including Hilltop Farm present by 1977.

The potential historical on-site sources of contamination are associated with the shopfitting works, tank and Made Ground related to the developments across the Site.

#### 5.2.2 Current Usage

Most recent mapping (2019) displays the Site in its current configuration following the addition of the fence lines and structures present towards the north east of the Site. The Site is primarily occupied by horse grazed fields with a stables in the centre of the Site. A collection of small barn-like structures are located immediately north of the stables alongside a number of caravans, IBCs and barrels of unknown contents as well as several small propane canisters. No significant contaminative activities were noted on the Site. Made Ground is likely to be present in the area of the current stables and areas of hardstanding to the east. In addition, fuel is potentially stored within the IBCs north of the stables which may have the potential to create localised impacts.

#### 5.2.3 Off Site Sources

From the earliest available mapping the area surrounding the Site was occupied by undeveloped land with a few gravel pits, quarries and lime kilns located between 100m and 250m of the Site. Novers Hill Fever/Isolation Hospital was located c.250m of the Site until between 1938 and 1947. Bristol (Whitchurch) Airport located c.750m south east of the Site was present by 1955 until sometime before 1976. Made Ground is likely associated with the adjacent developments to the Site (namely Hartcliffe Way and commercial and residential properties).

### 5.3 Potential Contaminants of Concern

With reference to the historical review the following potential sources of contamination can be anticipated at the site:

**Table 5: Potential Contaminants of Concern**

Sources	Location / Activity	Potential Contaminants of Concern
S1- Potential contaminated Made Ground.	Onsite and offsite, schools building. Built up areas including roads, commercial and residential properties.	Unknown constituents of Made Ground (metal, phenols, sulphates, asbestos, poly aromatic hydrocarbons (PAHs). Land gas generation (carbon dioxide, methane).

S2 – Contamination associated with the operations of the shopfitting works.	On-site, shop fitting works present between 1968 and 2006.	Unknown constituents of Made Ground (metal, phenols, sulphates, asbestos, poly aromatic hydrocarbons (PAHs)).
---	--	---

## 5.4 Pathways for Migration

The principal contamination pathways for migration may include the following:

- P1 – Dermal contact, inhalation or ingestion of contaminants present in Made Ground or underlying strata, during works and post-development;
- P2 – Leaching of contaminants, impact and migration of groundwater;
- P3 – Surface water run-off and/or direct percolation from surface;
- P4 – Ingress and/or accumulation of ground gas/vapours;
- P5 – Direct contact of made and natural ground with in-ground structures;
- P6 – Ingress of contaminants into water pipes.

## 5.5 Potential Receptors

### Human Health Receptors

- R1 – Final end users (future residents);
- R2 – Construction/Maintenance Workers;
- R3 – Adjacent site users (residential properties).

### Controlled Waters Receptors

- R4 – Groundwater (Secondary A and Secondary B Aquifers);
- R5 – Pigeonhouse Stream and The Malago.

### Property Receptors

- R6 – Future proposed building structures and services.

## 5.6 Assessment of Plausible Contaminant Linkages

A preliminary assessment of the identified plausible contamination linkages has been undertaken for the site in line with current legislation. The assessment takes into consideration the sources of possible contamination risk and the presence of any plausible pathways or receptors as outlined in the Environmental Protection Act 1990 (Part 2A) (Ref. 7).

For a risk to be present, there must be a viable contaminant linkage; i.e. a mechanism whereby a source impacts on a sensitive receptor via a pathway. Risks associated with each of these contaminant linkages are discussed below. The magnitude of risk has been assessed using criteria broadly based on those presented in Section 6.3 of the CIRIA Report “Contaminated Land Risk Assessment: A Guide to Good Practice” CIRIA Report C552 (Ref. 8).

To do this an estimate is made of the potential severity of the risk and the likelihood of the risk occurring. A summary of the risk is provided in Table 5.2. The risk matrix used in the assessment is based on guidance within NHBC and Environment Agency R&D Publication 66 (Ref. 9).

For the purpose of this risk assessment, it is assumed that the proposed end use of the Site following re-development is residential properties.

The actual ground conditions would need to be proven by intrusive Site investigation. It is recommended that a ground investigation is carried to determine ground conditions, so that the Conceptual Site Model (CSM) is refined.

An explanation of the terms used in this risk assessment is given in Tables 6 to 8. The qualitative risk assessment of the possible linkages of the above sources (S1 to S3), transport pathways (P1 to P5) and receptors (R1 to R6) is provided in Table 9.

**Table 6: Severity of risk**

Severity	Examples
High	Acute risks to human health likely to result in "significant harm" (e.g. very high concentrations of contaminants/ground gases). Catastrophic damage to buildings/property (e.g. by explosion, sites with high gassing potential, extensive VOC contamination). Major pollution of controlled waters (e.g. surface watercourses or principal aquifers/source protection zones) Short term risk to a particular ecosystem.
Medium	Chronic (long-term) risk to human health likely to result in "significant harm" (e.g. elevated concentration of contaminants/ground gases). Pollution of sensitive controlled waters (e.g. surface watercourses or principal/secondary A aquifers). Significant effects on sensitive ecosystems or species.
Mild	Pollution of non-sensitive waters (e.g. smaller surface watercourses or secondary B aquifers or unproductive strata). Significant damage to crops, buildings, structures or services (e.g. by explosion, sites with medium gassing potential, elevated concentrations of contaminants).
Minor	Non-permanent human health effects (requirement for protective equipment during site works to mitigate health effects). Damage to non-sensitive ecosystems or species. Minor (easily repairable) damage to buildings, structures or services (e.g. by explosion, sites with low gassing potential).

**Table 7: Probability of risk occurrence**

Likelihood	Description
High	Pollutant linkage may be present that appears very likely in the short-term and risk is almost certain to occur in the long term, or there is evidence of harm to the receptor.
Likely	Pollutant linkage may be present, and it is probable that the risk will occur over the long term.
Low	Pollutant linkage may be present and there is a possibility of the risk occurring, although there is no certainty that it will do so.
Unlikely	Pollutant linkage may be present but the circumstances under which harm would occur even in the long-term are improbable.

**Table 8: Risk based on comparison of likelihood and severity**

		Severity			
		High	Medium	Mild	Minor
Likelihood	High	Very High	High	Moderate	Moderate/low
	Likely	High	Moderate	Moderate/low	Low
	Low	Moderate	Moderate/low	Low	Very low
	Unlikely	Moderate/low	Low	Very low	Very low

Table 9: Plausible Pollutant Linkages (PPLs) and Qualitative Risk Assessment

Source(s)	Pathway	Receptor	Consequence	Probability	Risk	Justification
Hazards to Human Health						
S1 – Made Ground S2 – Former Works	P1 - Dermal contact, inhalation or ingestion of the contaminants present in Made Ground or underlying strata, during works and post-development.	R1 – Final end users	Medium	Low	Moderate / Low	Potential historical sources of contamination present on Site. Complete PPLs are possible and could present an unacceptable risk. Risks will depend on the final development details, especially whether all areas are covered by buildings, hardstanding or imported clean soil.
		R2 - Construction/ Maintenance Workers	Medium	Low	Moderate / Low	Potential historical sources of contamination present on Site. Complete PPLs are possible and could present an unacceptable risk and should be managed by the implementation of appropriate risk assessment, and mitigation measures during construction. Risks are likely to be short term i.e. for the duration of earthworks exposing contaminated ground.
		R3 – Adjacent site users	Medium	Unlikely	Low	Potential historical sources of contamination present on-site and off Site. Complete PPLs are possible but are unlikely to present an unacceptable risk.
S1 – Made Ground S2 – Former Works	P4 – Ingress and /or accumulation of ground gas /vapours	R1 – Final end users	High	Unlikely	Moderate / Low	Made Ground anticipated on Site – Complete PPLs are possible but unlikely to present an unacceptable risk.
		R2 – Construction/ Maintenance Workers	High	Unlikely	Moderate / Low	Made Ground anticipated on Site – Complete PPLs are possible but unlikely to present an unacceptable risk, however, risk should be managed by the implementation of appropriate risk assessment, and mitigation measures during construction.
Hazards to the Water Environment						
S1 – Made Ground	P2 – Leaching of contaminants.	R4 – Groundwater	Medium	Low	Moderate /	Potential historical sources of contamination present on Site. Complete PPLs are possible and

Source(s)	Pathway	Receptor	Consequence	Probability	Risk	Justification
S2 – Former Works	impact and migration of groundwater (Secondary A and Secondary B aquifer)	(Secondary A and Secondary B aquifers)			Low	could present an unacceptable risk.
	P3 – Surface water run-off and /or direct percolation from surface	R5 – Surface Water (Pigeonhouse Stream and The Malago)	Medium	Low	Moderate / Low	Potential historical sources of contamination present on Site. Complete PPLs are possible and could present an unacceptable risk.
<b>Hazards to Building Fabric, Structures and Services</b>						
S1 – Made Ground S2 – Former Works	P5 – Direct contact of natural ground with in-ground structures	R6 – Future proposed building structures and services	Medium	Unlikely	Low	Potential historical sources of contamination present on Site. Made Ground likely present.
S1 – Made Ground	P4 – Ingress and /or accumulation of ground gas /vapours	R6 – Future proposed building structures and services	Mild	Unlikely	Very Low	Potential historical sources of contamination present on Site. Made Ground likely present.

## 5.7 Human Health

Based on the Site reconnaissance and the environmental review, potential sources of contamination were identified both on and off Site. Made Ground and associated contaminants are likely to be present on Site, the extent of which is not known. The level of health risk after redevelopment will depend both on the degree of contamination and on details of the proposed Site layout and use (whether Made Ground is present at the surface or whether it is all covered by buildings, hardstanding or imported clean topsoil).

The site historically housed a shopfitting works which is a potential source of contamination on the Site, compete PPLs are possible and could cause an unacceptable risk.

It is considered that the risk to Site/maintenance workers from contaminated soils on Site is low to moderate. This is because risks from direct contact of any potential contamination (if present) by construction workers can be controlled through the use of appropriate Personal Protective Equipment (PPE) during construction.

A moderate to low risk to Site users was assessed with respect to gas generation from Made Ground, although this can be reduced to low with a Site specific gas risk assessment and the installation of appropriate gas protection measures within the Proposed Development.

## 5.8 Controlled Waters

The Site is underlain by a Secondary A and Secondary B superficial aquifers within the Mercia Mudstone Group, Westbury Formation and Cotham Member and Blue Anchor Formation. No SPZ has been identified from available statutory information. No groundwater abstractions are located within 1km of the Site. The nearest surface water course observed is the Pigeonhouse Stream located 120m west of the Site. There are no surface water abstractions within 1km of the Site.

Potential sources of contamination were identified at the Site that have the potential to cause an unacceptable risk to controlled waters.

It is therefore considered that there is a moderate / low risk to controlled waters.

## 5.9 Property

Substances that can be involved in chemical attack on building materials and structures may be present beneath the Site. These substances may include sulphates which are associated with both the constituents of Made Ground and the adjacent historical railway.

The risk of this is considered to be low although with a site specific assessment and suitable specification of materials in accordance with BRE SD1 (Ref. 10) and in with respect to statutory authorities (water supplies) the risk can be reduced to very low.

A very low risk to buildings was assessed with respect to gas generation from Made Ground, infilled land and volatilisation of VOCs.

## 6. Recommendations for Further Work

An intrusive ground investigation will be required in order to substantiate the preliminary findings of this report and to provide suitable information for geotechnical design and planning.

As a result of the “High” UXO risk identified at the Site in accordance with CIRIA C681 (Ref. 11), mitigation measures will need to be implemented for any intrusive works. This includes a UXO Emergency Response Plan, UXO safety and awareness briefings, a watching brief during trial pitting, window sampling and trenching, and intrusive magnetometer survey during any borehole works.

The geo-environmental investigation should be designed with due consideration of the requirements of BS10175 (2011+A1) Investigation of potentially contaminated sites – Code of Practice (Ref. 3).

In summary, key objectives to be addressed by the investigation include:

- Confirmation of the ground (and groundwater) conditions and validation of the CSM;
- Chemical status of Made Ground and natural soils for the purpose of risk assessment to human health, groundwater and for preliminary waste classification;
- Ground gas monitoring to determine the potential risks to the proposed development; and
- Assessment of infiltration characteristics.

By undertaking an intrusive ground investigation, an assessment of the ground and groundwater profiles may be carried out and the geo-environmental risks associated with the Site may be assessed. The investigation will allow a quantitative assessment as to whether any of the potential risks identified in this report are present and are of material concern to the Proposed Development.



## 7. References

1. Department of Environment Food and Rural Affairs (2004) *Model Procedures for the Management of Land Contamination*. Bristol, Environment Agency. (Contaminated Land Report 11).
  2. British Standards Institution (2015) BS 5930:2015 *Code of Practice for Ground Investigations*. London, BSI.
  3. British Standards Institution (2013) BS 10175:2011+A1:2013 London, BSI.
  4. Zetica (2019) Risk Maps, <https://zeticauxo.com/downloads-and-resources/risk-maps/> [accessed on 11/8/2019]
  5. Landmark and Alpha Associates, Detailed Unexploded Ordnance (UXO) Threat & Risk Assessment, reference. P7530, dated 14<sup>th</sup> August 2019.
  6. British Geological Survey, England & Wales Sheet 264 – Bristol Solid and Drift Geology Map, 2004.
  7. Department of Environment Food and Rural Affairs (2012) *Environmental Protection Act 1990: Part 2A Contaminated Land Statutory Guidance*. London, HMSO.
  8. Contaminated Land Risk Assessment: A Guide to Good Practice (CIRIA Report C552)
  9. NHBC and Environment Agency (2008). Guidance for the Safe Development of Housing on Land Affected by Contamination, R&D Publication 66.
  10. Building Research Establishment (2005) Special Digest 1: 'concrete in aggressive ground',
  11. CIRIA (2009). Unexploded ordnance (UXO) A guide for the construction industry (C681).
-

## Figures

**AECOM**

AECOM Ltd  
4th Floor Portwall Place,  
Portwall Lane,  
Bristol, BS1 6NA  
[www.aecom.com](http://www.aecom.com)

**Project Title:**

BRISTOL CITY COUNCIL  
HOUSING SITES

**Client:**



### LEGEND

 Site Location

**Copyright:**

© Crown Copyright and database right  
2019. Ordnance Survey 100023406.

© Historic England 2019. Contains  
Ordnance Survey data © Crown  
copyright and database right 2019  
The Historic England GIS Data  
contained in this material was  
obtained in 2019.

**AECOM Internal Project No:**

60601663.1.204

**Drawing Title:**

## Novers Hill Location Plan

**Scale at A3: 1:250,000**

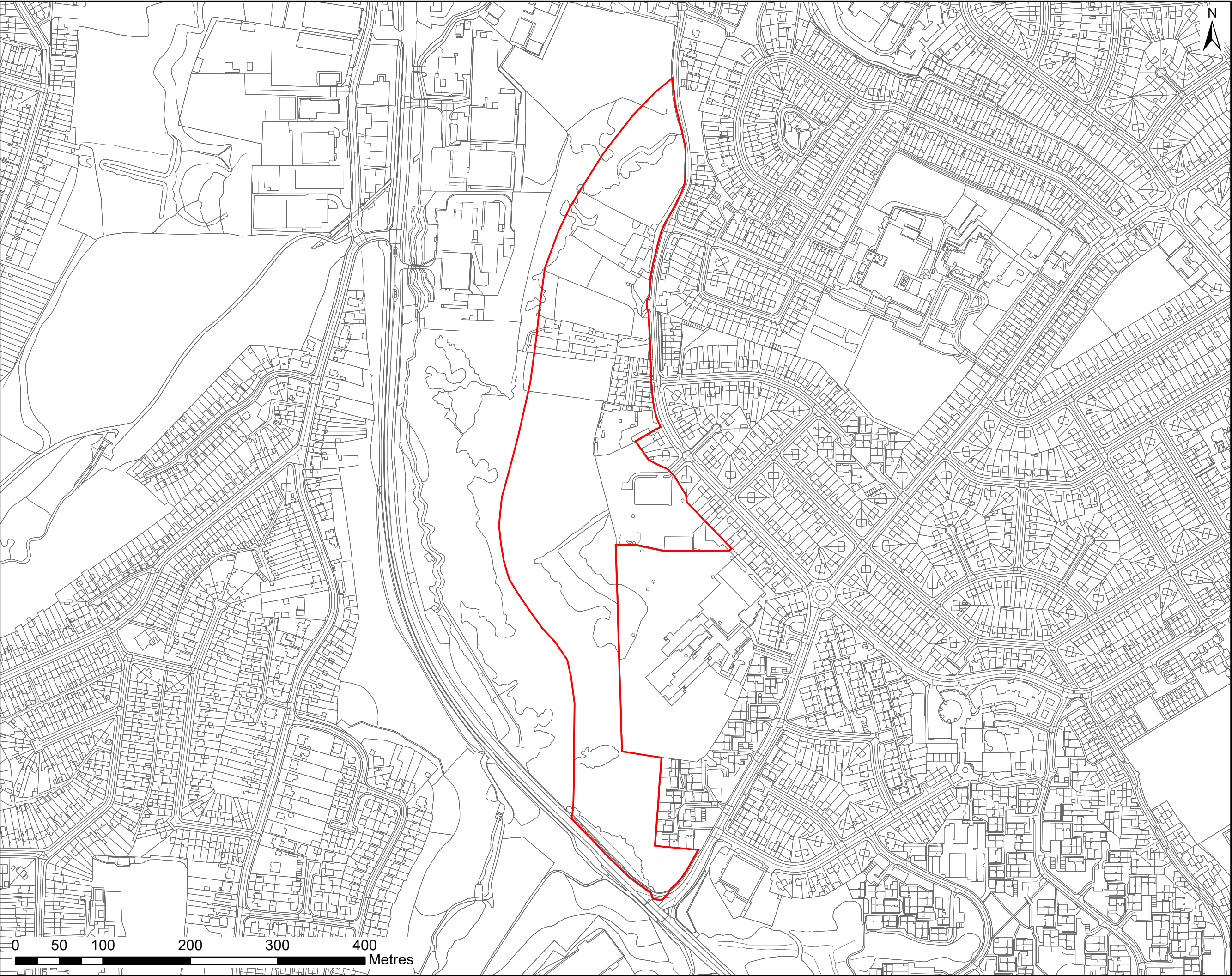
Drawing No: Rev:

FIGURE 1 001

Drawn: Chk'd: App'd: Date:

BM	GM	JE	17/07/19
----	----	----	----------





This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.



AECOM Ltd  
4th Floor Portwall Place,  
Portwall Lane,  
Bristol, BS1 6NA  
www.aecom.com

**Project Title:**

**BRISTOL CITY COUNCIL  
HOUSING SITES**

**Client:**



**LEGEND**

Site Boundary

**Copyright:**

© Crown Copyright and database right  
2019. Ordnance Survey 100023406.

© Historic England 2019. Contains  
Ordnance Survey data © Crown  
copyright and database right 2019  
The Historic England GIS Data  
contained in this material was  
obtained in 2019.

**AECOM Internal Project No:**

60601663.1.204

**Drawing Title:**

Novers Hill  
Site Plan

**Scale at A3: 1:4,000**

**Drawing No:** **Rev:**

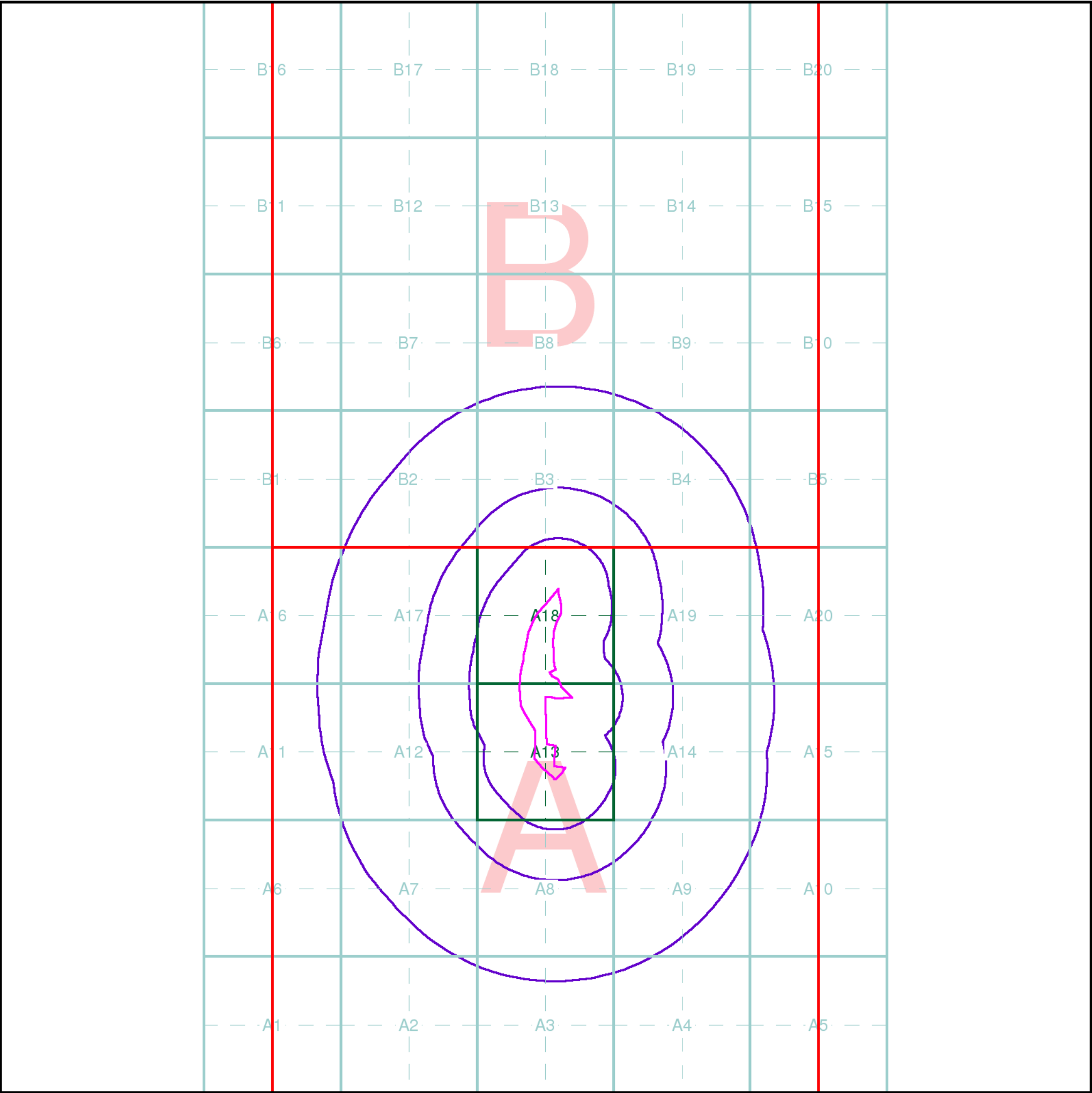
FIGURE 2 001

**Drawn: Chk'd: App'd: Date:**

BM GM JE 17/07/19

## Appendix A Envirocheck Landmark 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

Ms E Gould, AECOM Environment, Portwall Place, Portwall Lane, Bristol, BS1 6NB

Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358310, 169510  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU

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<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

213470193\_1\_1

**Customer Reference:**

60601667\_Novers Hill

**National Grid Reference:**

358340, 169200

**Slice:**

A

**Site Area (Ha):**

10.65

**Search Buffer (m):**

1000

#### Site Details:

39, Novers Hill

Bedminster

BRISTOL

BS3 5QU

#### Client Details:

Ms E Gould

AECOM Environment

Portwall Place

Portwall Lane

Bristol

BS1 6NB

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	22
Hazardous Substances	26
Geological	27
Industrial Land Use	35
Sensitive Land Use	62
Data Currency	63
Data Suppliers	68
Useful Contacts	69

## 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 this 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 2019. 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. © Environment Agency & United Kingdom Research and Innovation 2019. © Natural Resources Wales & United Kingdom Research and Innovation 2019.

## 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.

## Scottish Natural Heritage Copyright

Contains SNH information licensed under the Open Government Licence v3.0.

## Ove Arup Copyright Notice

The Mining Instability data 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 supplied Mining Instability data is 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.

## Natural Resources Wales Copyright Notice

Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2019. Land & Property Services © Crown copyright and database right.

## Report Version v53.0



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3		6		8
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	pg 6		5	5	7
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 9	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	pg 9			1	
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 9	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 10	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 10		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 12		Yes	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 17		11	5	17

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 22		1	1	1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 22		2	1	4
Local Authority Landfill Coverage	pg 24	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 24		2	3	1
Potentially Infilled Land (Water)	pg 24			1	4
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 25		1		1
Registered Waste Treatment or Disposal Sites	pg 25		1		
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 26				2
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 27	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 27	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 30		1	5	
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 31	Yes	n/a	n/a	n/a
Mining Instability	pg 31	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities	pg 31	1			
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 31	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 32	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 32	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 33	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 33	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 34	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 35		43	20	116
Fuel Station Entries	pg 50			2	4
Points of Interest - Commercial Services	pg 51		16	8	21
Points of Interest - Education and Health	pg 55				1
Points of Interest - Manufacturing and Production	pg 55	3	17	6	13
Points of Interest - Public Infrastructure	pg 58		3	10	10
Points of Interest - Recreational and Environmental	pg 60		2	3	4
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland					
Areas of Adopted Green Belt	pg 62				1
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (S)	0	1	358345 169200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	0	1	358300 169203
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (W)	0	1	358300 169200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	0	1	358350 169100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	2	1	358200 169400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	15	1	358400 169150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	25	1	358345 169000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	32	1	358400 169000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	32	1	358300 169050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	70	1	358450 169200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	78	1	358200 169100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	119	1	358550 169250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	120	1	358500 169203
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	125	1	358345 168900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	125	1	358550 169150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	139	1	358200 169000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	140	1	358600 169300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18NW (N)	164	1	358200 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	174	1	358100 169150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	175	1	358550 168950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	176	1	358150 169000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	203	1	358650 169500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	207	1	358650 169050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	211	1	358000 169203
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	215	1	358100 169000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	232	1	357950 169650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	237	1	358050 169050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	247	1	358100 168950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	280	1	358100 168900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19NW (NE)	310	1	358700 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	337	1	358750 169600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18NW (N)	349	1	358050 170100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17NE (NW)	371	1	357950 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	378	1	357850 169700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	385	1	358050 168800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9NW (SE)	386	1	358700 168800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	394	1	358150 168700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17NE (NW)	398	1	357950 170050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17NE (NW)	407	1	357850 169850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17NE (NW)	415	1	357900 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17NE (NW)	441	1	357850 169950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	447	1	357800 169800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	452	1	357750 169450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17NE (NW)	456	1	357800 169850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17NE (NW)	460	1	357850 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	462	1	358650 168650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17NE (NW)	469	1	357800 169900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	477	1	357750 169700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	480	1	358150 168600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	490	1	357950 170200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17SE (NW)	496	1	357750 169800
1	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Fortfield Rd Cso, Opposite 166 Fortfield Road, Bristol, Bs14 9np Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102979 Permit Version: 1 Effective Date: 1st April 2005 Issued Date: 30th March 2005 Revocation Date: 30th March 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Pigeonhouse Stream(S) Receiving Water: Pigeonhouse Stream(S) <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	74	2	358200 169120
1	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Fortfield Rd Cso, Opposite 166 Fortfield Road, Bristol, Bs14 9np Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 101821 Permit Version: 1 Effective Date: 1st April 2002 Issued Date: 12th March 2002 Revocation Date: 31st March 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Pigeonhouse Stream (S) Receiving Water: Pigeonhouse Stream (S) <b>Status: Authorisation revoked</b> Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	74	2	358200 169120
1	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Fortfield Rd Cso, Opposite 166 Fortfield Road, Bristol, Bs14 9np Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102979 Permit Version: 2 Effective Date: 31st March 2017 Issued Date: 15th March 2017 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Pigeonhouse Stream Via Sws Receiving Water: Pigeonhouse Stream Via Sws <b>Status: Varied under EPR 2010</b> Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	78	2	358196 169123

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Fortfield Rd Cso, Opposite 166 Fortfield Road, Bristol, Bs14 9np Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 100573/Cs/01 Permit Version: 1 Effective Date: 6th October 1998 Issued Date: 6th October 1998 Revocation Date: 31st March 2002 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The Malago <b>Status:</b> <b>Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	84	2	358190 169120
2	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Vale Lane Cso, Vale Lane, Bristol, Bs3 5sd Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 101826 Permit Version: 1 Effective Date: 1st April 2002 Issued Date: 12th March 2002 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The Malago (S) <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	216	2	358040 169820
2	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Vale Lane Cso, Vale Lane, Bristol, Bs3 5sd Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 011268 Permit Version: 1 Effective Date: 12th September 1989 Issued Date: Not Supplied Revocation Date: 31st March 2002 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Malago <b>Status:</b> <b>Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	220	2	358040 169830
3	<b>Discharge Consents</b> Operator: Mr C J House Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Church Farm(Stockwood,Dorchester), Stockwood, Dorchester, Dorset Authority: Environment Agency, South West Region Catchment Area: Yeo Reference: 080359 Permit Version: 1 Effective Date: 11th February 1970 Issued Date: Not Supplied Revocation Date: 4th September 2001 Discharge Type: Trade Discharge - Agricultural And Surface Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Upper Parrett <b>Status:</b> <b>Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Approximate location provided by supplier	A14SW (E)	581	2	359000 169000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Outside 95 Hawkfield Road, Bristol, Bs13 0bh Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 011272 Permit Version: 1 Effective Date: 12th September 1989 Issued Date: Not Supplied Revocation Date: 12th March 2002 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Malago <b>Status: Authorisation revoked</b> Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	814	2	358730 168290
5	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bishopsworth Road, Bank Of The R Malago, Bristol, Bs13 7lh Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 011263 Permit Version: 1 Effective Date: 12th September 1989 Issued Date: Not Supplied Revocation Date: 20th March 2002 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Malago <b>Status: Authorisation revoked</b> Positional Accuracy: Located by supplier to within 100m	A12NW (W)	841	2	357370 169320
6	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Manor Wood Cso, Bishopsworth Road, Bristol, Bs13 7ln Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 101725 Permit Version: 1 Effective Date: 31st March 2002 Issued Date: 5th March 2002 Revocation Date: 28th March 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon (S) <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A12NW (W)	879	2	357340 169250
6	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Manor Wood Cso, Bishopsworth Road, Bristol, Bs13 7ln Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 101725 Permit Version: 2 Effective Date: 29th March 2016 Issued Date: 29th March 2016 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The Malago <b>Status: Varied under EPR 2010</b> Positional Accuracy: Located by supplier to within 10m	A12NW (W)	881	2	357338 169246

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bishopsworth Road, Rear Garage Next To 261, Bristol, Bs13 7lh Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 011260 Permit Version: 1 Effective Date: 12th September 1989 Issued Date: Not Supplied Revocation Date: 30th March 2002 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Malago <b>Status: Authorisation revoked</b> Positional Accuracy: Located by supplier to within 100m	A11NE (W)	918	2	357290 169350
8	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Headley Road/Avon Road, Combined Sewer Overflow, Bristol, Bs13 7m Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 101822 Permit Version: 1 Effective Date: 1st April 2002 Issued Date: 12th March 2002 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Malago (S) <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A7NW (W)	973	2	357350 168820
8	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Headley Road, In Allotments Near No 30, Bristol, Bs13 7m Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 011262 Permit Version: 1 Effective Date: 12th September 1989 Issued Date: Not Supplied Revocation Date: 31st March 2002 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Malago <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	974	2	357360 168790
9	<b>Local Authority Pollution Prevention and Controls</b> Name: Sita Contract Services/Cleansing Services Location: 83 Hartcliffe Way, BRISTOL, Avon, BS3 5RN Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep211 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station <b>Status: Authorised</b> Positional Accuracy: Manually positioned to the address or location	A18SW (N)	122	3	358121 169753
10	<b>Local Authority Pollution Prevention and Controls</b> Name: Bristol Mini Mix Location: Stenners Yard, Hartcliffe Way, BRISTOL, Avon, BS3 5RN Authority: Bristol City Council, Environmental Health Department Permit Reference: EP040 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: Part B - General Mineral Process (No Specific Reference) <b>Status: Application Withdrawn</b> Positional Accuracy: Manually positioned to the road within the address or location	A18SW (NW)	165	3	358070 169705

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<b>Local Authority Pollution Prevention and Controls</b> Name: S J Wring Ltd Location: Vale Lane, Bedminster, BRISTOL, Avon, BS3 5RU Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep108 Dated: 23rd September 1996 Process Type: Local Authority Pollution Prevention and Control Description: Part B - General Mineral Process (No Specific Reference) <b>Status: Permitted</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	243	3	358055 169926
11	<b>Local Authority Pollution Prevention and Controls</b> Name: Wring Group Ltd Location: Vale Lane, Bedminster, Bristol, BS3 5RU Authority: Bristol City Council, Environmental Health Department Permit Reference: EP264 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A18NW (N)	243	3	358055 169926
12	<b>Local Authority Pollution Prevention and Controls</b> Name: Greys Packaging Limited Location: Units 1 & 2, Novers Hill Trading Estate, Novers Hill Bedminster, BRISTOL, Avon, BS3 5QY Authority: Bristol City Council, Environmental Health Department Permit Reference: EP171 Dated: 13th February 2004 Process Type: Local Authority Pollution Prevention and Control Description: Part B - General Coating Process (No Specific Reference) <b>Status: Permitted</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	250	3	358248 170169
13	<b>Local Authority Pollution Prevention and Controls</b> Name: Kennings Car & Van Rental Location: 59 Hartcliffe Way, BRISTOL, Avon, BS3 5RP Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep210 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station <b>Status: Authorised</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	278	3	358120 170072
14	<b>Local Authority Pollution Prevention and Controls</b> Name: Hartcliffe Way Service Station Location: 451 Hartcliffe Way, Bedminster, BRISTOL, Avon, BS3 5RP Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep148 Dated: 7th January 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A18NW (N)	312	3	358063 170058
15	<b>Local Authority Pollution Prevention and Controls</b> Name: Harcross Timber Build Sup Ltd Location: 37 Hartcliffe Way, BRISTOL, Avon, BS3 5RW Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep014 Dated: 27th April 1992 Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products <b>Status: Authorisation has varied</b> Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	345	3	358082 170131
15	<b>Local Authority Pollution Prevention and Controls</b> Name: Shell Filling Station Location: Hartcliffe Way, Junction Vale Lane, BRISTOL, Avon, BS3 3RN Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep213 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station <b>Status: Authorisation revoked</b> Positional Accuracy: Manually positioned to the address or location	A18NW (N)	383	3	358054 170157

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<b>Local Authority Pollution Prevention and Controls</b> Name: Ae Finch Garages Ltd Location: Harcliffe Way, Bedminster, BRISTOL, Avon, BS3 5RJ Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep001 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles <b>Status: Application Withdrawn</b> Positional Accuracy: Manually positioned to the address or location	A18NW (N)	389	3	358050 170161
16	<b>Local Authority Pollution Prevention and Controls</b> Name: Avon & Somerset Constabulary Location: Bradbury Road, Knowle, BRISTOL, Avon, BS4 1JT Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep209 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station <b>Status: Authorised</b> Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	591	3	358995 169803
17	<b>Local Authority Pollution Prevention and Controls</b> Name: Hengrove Way Service Station Location: South Bristol Business Park, Hengrove Way, Bristol, Avon, Bs14 0bz Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep170 Dated: 19th April 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A14SE (E)	710	3	359129 168985
18	<b>Local Authority Pollution Prevention and Controls</b> Name: Hartcliffe Motors Location: 75 Whitchurch Lane, Bishopsworth, BRISTOL, Avon, BS13 7TN Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep79 Dated: 18th March 1994 Process Type: Local Authority Air Pollution Control Description: Part B - General Coating Process (No Specific Reference) <b>Status: Authorisation has varied</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	720	3	357815 168561
18	<b>Local Authority Pollution Prevention and Controls</b> Name: Gateway Foodmarkets Ltd Location: 75 Whitchurch Lane, BISHOPSWORTH, Avon, BS13 7TN Authority: Bristol City Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/17 Printing of flexible packaging <b>Status: Authorisation revoked</b> Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	732	3	357835 168526
19	<b>Local Authority Pollution Prevention and Controls</b> Name: Hartcliffe Point of sale Location: 11-16 Cater Road, BRISTOL, Avon, BS13 7TW Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep097 Dated: 5th September 1994 Process Type: Local Authority Air Pollution Control Description: PG6/10 Coating manufacturing <b>Status: Authorised</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	764	3	357680 168646
20	<b>Local Authority Pollution Prevention and Controls</b> Name: Wroughton Service Station Location: 263-267 Bishopsworth Road, Bedminster Down, BRISTOL, Avon, BS13 7LN Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep149 Dated: 16th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station <b>Status: Authorisation revoked</b> Positional Accuracy: Automatically positioned to the address	A11NE (W)	946	3	357263 169334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<b>Local Authority Pollution Prevention and Controls</b> Name: Amcor Flexibles Colodense Location: Hawkfield Way, Bristol, Bs14 0bd Authority: Bristol City Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: Part B process (no specific reference) <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	991	3	358905 168185
	<b>Nearest Surface Water Feature</b>	A13NE (N)	0	-	358343 169434
22	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - South West Region, Wessex Area Incident Date: 4th October 2002 Incident Reference: 112591 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Microbiological	A8NW (SW)	447	2	358100 168670
	<b>Groundwater Vulnerability Map</b> Combined Secondary Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial <90% Pachiness: <3m Superficial Thickness: <3m Superficial No Data Recharge:	A13NE (NW)	0	4	358342 169204
	<b>Groundwater Vulnerability Map</b> Combined Secondary Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial <90% Pachiness: <3m Superficial Thickness: <3m Superficial No Data Recharge:	A13NE (NW)	0	4	358345 169203
	<b>Groundwater Vulnerability Map</b> Combined Secondary Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial <90% Pachiness: <3m Superficial Thickness: <3m Superficial No Data Recharge:	A13NE (NW)	0	4	358331 169209

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SE (SE)	0	4	358445 169118
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> Classification: Significant Risk - Problems Unlikely	A13NE (NW)	0	4	358345 169203
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NW)	0	4	358342 169204
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13NE (NW)	0	4	358345 169203
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	A13SE (SE)	0	4	358445 169118
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	A13NE (NW)	0	4	358331 169209
	<b>Superficial Aquifer Designations</b> No Data Available				
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	44	2	358235 169210
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13NW (W)	49	2	358230 169218
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	54	2	358225 169218
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	59	2	358220 169230
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	61	2	358218 169240
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	63	2	358216 169217
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	63	2	358211 169130
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	63	2	358216 169190
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	65	2	358198 169270



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	66	2	358203 169260
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	66	2	358200 169265
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	67	2	358212 169246
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	67	2	358205 169255
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	67	2	358188 169280
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	68	2	358195 169271
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	68	2	358138 169405
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	72	2	358207 169222
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	75	2	358199 169134
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	77	2	358202 169242
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	77	2	358194 169250
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	78	2	358185 169267
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	79	2	358200 169242
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	80	2	358125 169431
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	124	2	358176 169050
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	138	2	358105 169757

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18SW (NW)	143	2	358099 169753
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	144	2	358096 169731
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18SW (NW)	198	2	358037 169817
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18NW (N)	208	2	358108 169944
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18NW (N)	212	2	358107 169982
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	223	2	358131 168950
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18SW (NW)	229	2	358002 169785
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A17SE (NW)	245	2	357893 169618
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13NW (W)	49	2	358230 169218
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13SW (SW)	75	2	358199 169134
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	78	2	358154 169318
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	78	2	358184 169268
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	78	2	358196 169125
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	79	2	358162 169303
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	79	2	358152 169323
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	79	2	358157 169313



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	79	2	358159 169308
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	80	2	358167 169293
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	80	2	358164 169298
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	80	2	358194 169126
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	82	2	358124 169395
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	83	2	358125 169384
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	84	2	358191 169110
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	85	2	358191 169105
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	85	2	358190 169114
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	88	2	358188 169109
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	89	2	358117 169423
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	89	2	358113 169465
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	91	2	358114 169428
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	91	2	358110 169480
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	92	2	358111 169441
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	94	2	358109 169453

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	94	2	358108 169488
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	97	2	358105 169464
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	97	2	358105 169465
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	97	2	358105 169498
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	97	2	358184 169090
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	98	2	358105 169504
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	99	2	358186 169080
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	101	2	358101 169493
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	101	2	358103 169513
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	108	2	358179 169075
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	111	2	358181 169065
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	124	2	358100 169665
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	124	2	358173 169054
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	125	2	358098 169658
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	125	2	358175 169049
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	126	2	358098 169651

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	127	2	358093 169640
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	130	2	358176 169040
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	133	2	358169 169045
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	134	2	358087 169648
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	134	2	358089 169660
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	136	2	358085 169638
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	136	2	358180 169026
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	142	2	358105 169777
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18SW (NW)	143	2	358099 169753
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	143	2	358166 169033
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (NW)	147	2	358097 169757
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (N)	151	2	358105 169808
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (N)	152	2	358100 169798
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SW (N)	158	2	358099 169812
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	166	2	358110 169860
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	178	2	358107 169885

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18SW (NW)	198	2	358037 169817
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18NW (N)	208	2	358108 169944
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	210	2	358136 168965
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18NW (N)	212	2	358107 169982
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	213	2	358222 170093
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	215	2	358108 169958
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	216	2	358217 170092
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	218	2	358212 170090
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	220	2	358205 170085
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	222	2	358105 169968
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	224	2	358190 170073
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	225	2	358193 170078
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	226	2	358204 170092
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A18SW (NW)	229	2	358002 169785
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	229	2	358189 170079
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	230	2	358197 170090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	231	2	358192 170084
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	231	2	358126 168945
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	232	2	358224 170125
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	235	2	358100 169982
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	237	2	358104 169992
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	238	2	358109 170000
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	238	2	358107 169996
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18NW (N)	238	2	358222 170130
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 733.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A13NW (W)	61	5	358218 169208
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: Underground Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A13NW (W)	62	5	358217 169202
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 58.6 Watercourse Level: Underground Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A13NW (W)	63	5	358216 169191

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 95.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A13SW (SW)	76	5	358198 169135
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 399.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A13SW (SW)	132	5	358171 169044
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1248.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A18NW (N)	180	5	358103 169879
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A18NW (N)	180	5	358095 169872
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 34.7 Watercourse Level: Underground Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A18NW (NW)	185	5	358070 169849
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 45.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A18SW (NW)	200	5	358035 169819
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A18SW (NW)	220	5	358020 169805
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 44.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A17SE (NW)	231	5	357986 169777
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A17SE (NW)	259	5	357980 169773



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17SE (NW)	259	5	357986 169777
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 324.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A17SE (NW)	265	5	357901 169686
37	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 242.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A8NW (SW)	417	5	358108 168701
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 572.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A17SE (NW)	461	5	357740 169545
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 58.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	510	5	358247 168532
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1278.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	550	5	358280 168484
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 247.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	550	5	358280 168484
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 378.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	650	5	358509 168388
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A7NE (SW)	755	5	357830 168499

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A7NE (SW)	755	5	357832 168496
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A7NE (SW)	756	5	357830 168497
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A7NE (SW)	793	5	357782 168492
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 241.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A12NW (W)	859	5	357356 169273
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 29.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12NW (W)	859	5	357356 169273
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 23.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12NW (W)	881	5	357332 169290
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A11NE (W)	899	5	357313 169304
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: Underground Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A4NW (S)	959	5	358706 168123
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 62.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Pigeonhouse Stream Catchment Name: Avon Bristol Primacy: 1	A4NW (S)	969	5	358710 168114



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: Underground Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A7NW (W)	977	5	357347 168817
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 196.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A12SW (W)	977	5	357345 168823
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 200.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	A7NW (SW)	984	5	357349 168790

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Bedminster Name: Vale Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD34798 First Input Date: 31st December 1945 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A18SW (NW)	225	2	358018 169781
57	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Hengrove, Bristol Name: Hartcliffe Way Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD34795 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A8NE (SE)	384	2	358606 168715
58	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Airport Road, Hengrove, Bristol Name: Hengrove Park Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD34796 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A9NW (SE)	640	2	358880 168615
59	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 27180 Location: Redford House, Novers Hill, Bristol, Avon, BS3 5QU Operator Name: Rees G R Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) <b>Licence Status: Issued</b> Issued: 3rd February 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (N)	60	2	358200 169800
60	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 27085 Location: 83 Hartcliffe Way, Bedminster, Bristol, Avon, BS3 5RN Operator Name: Bristol Waste Company Limited Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Household, Commercial And Industrial Transfer Stations <b>Licence Status: Transferred</b> Issued: 27th September 1996 Last Modified: 16th October 2013 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (N)	153	2	358100 169800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 26186 Location: Land / Premises Off, Vale Lane, Bedminster, Bristol, Avon, BS3 5RU Operator Name: Wring Group Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Special Waste Transfer Stations <b>Licence Status: Modified</b> Issued: 14th March 2006 Last Modified: 5th July 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (NW)	283	2	358000 169900
62	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 26100 Location: Unit 17 Baker Park Estate, Cater Road, Bishopsworth, Bristol, Avon, BS13 7TT Operator Name: Hoy Stuart Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: End of Life Vehicles <b>Licence Status: Transferred</b> Issued: 19th November 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	851	2	357510 168750
62	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 101043 Location: Unit 9b Bakers Park, Cater Road, Bristol, Avon, BS13 7TT Operator Name: Weeebiz ( S W) Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: WEEE treatment facility <b>Licence Status: Issued</b> Issued: 8th September 2009 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	898	2	357474 168717
63	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 101422 Location: Unit 9b Block 15, Cater Road, Bristol, Avon, BS13 7TW Operator Name: Areani Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Metal Recycling Sites (Mixed) <b>Licence Status: Issued</b> Issued: 25th October 2010 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	908	2	357467 168710

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 26128 Location: Unit 19, Bakers Park, Cater Road, Bishopsworth, Bristol, Avon, BS13 7TT Operator Name: P H Scaffolding & Skip Hire Limited Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Household, Commercial And Industrial Transfer Stations <b>Licence Status: Modified</b> Issued: 2nd August 2004 Last Modified: 31st January 2013 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	951	2	357400 168750
	<b>Local Authority Landfill Coverage</b> Name: Bristol City Unitary Authority - Has no landfill data to supply		0	6	358345 169203
65	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A13NE (E)	91	-	358486 169231
66	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A17SE (NW)	245	-	357957 169806
67	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A18NW (N)	304	-	358050 170031
68	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A12NE (W)	326	-	357916 169243
69	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A12NE (W)	401	-	357809 169348
70	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A19SW (NE)	515	-	358920 169825
71	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NW (SW)	450	-	358081 168682
72	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NW (S)	528	-	358295 168503
73	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NW (SE)	559	-	358753 168608
74	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8SW (S)	613	-	358311 168416
75	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7SE (SW)	954	-	357854 168224

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	<b>Registered Waste Transfer Sites</b> Licence Holder: Sita Contract Services Ltd Licence Reference: L/BL/P/333 Site Location: Depot at 83 Hartcliffe Way, Bedminster, BRISTOL, Avon, BS3 5RN Operator Location: As Site Address Authority: Environment Agency - South West Region, North Wessex Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 27th September 1996 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Storage In Licence Max.Waste Permitted By Licence Road Gulley Detritus Street Sweepings Prohibited Waste: Poisonous, Noxious, Polluting Wastes Waste N.O.S.	A18SW (N)	82	2	358170 169785
77	<b>Registered Waste Transfer Sites</b> Licence Holder: Pan Graphics Industries Ltd Licence Reference: L/BL/P/267 Site Location: 26 Cater Road, Bishopsworth, BRISTOL, Avon, BS13 7TZ Operator Location: East Lane, WEMBLEY, Middlesex, HA9 7PS Authority: Environment Agency - South West Region, North Wessex Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site exempt from licenceExempt Dated: 7th May 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Storage In Licence Photographic Developer - Alkanine Photographic Fixer - Inorganic Acids Photographic Fixer - Organic Acids Prohibited Waste: Waste N.O.S.	A7NE (SW)	626	2	357870 168639
78	<b>Registered Waste Treatment or Disposal Sites</b> Licence Holder: G R Rees Licence Reference: L/BL/P/298A Site Location: Novers Hill Car Spares, Redford House; Novers Hill, Knowle, Bristol, Avon, Bs3 5qu Operator Location: As Site Address Authority: Environment Agency - South West Region, North Wessex Area Site Category: Scrapyard Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 3rd February 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Cars/Other Vehicles Prohibited Waste: Liable To Cause Environmental Hazards Liqs/Sludges N.O.S. Waste N.O.S.	A18NE (N)	75	2	358390 170040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	<b>Planning Hazardous Substance Consents</b> Name: Flogas Uk Ltd Location: Unit 16a Bakers Park, Cater Road, Bristol, Bs13 7ty Authority: Bristol City Council, Planning Department Application Ref: 04/03070/W Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 70 Application date: 23rd July 2004 <b>Decision: New application granted conditionally</b> Positional Accuracy: Manually positioned within the geographical locality	A12SW (SW)	757	7	357579 168827
79	<b>Planning Hazardous Substance Consents</b> Name: Flogas Uk Ltd Location: Unit 16a Bakers Park, Cater Road, Bristol, Bs13 7ty Authority: Bristol City Council, Planning Department Application Ref: 03/03929/W Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: 16th October 2003 <b>Decision: New application granted conditionally</b> Positional Accuracy: Manually positioned within the geographical locality	A12SW (SW)	757	7	357579 168827

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	A13NE (E)	0	1	358454 169246
	<b>BGS 1:625,000 Solid Geology</b> Description: Triassic Rocks (Undifferentiated)	A13NE (NW)	0	1	358345 169203
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (SE)	0	1	358445 169118
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (NW)	0	1	358331 169209
	<b>BGS Estimated Soil Chemistry</b> 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 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (W)	0	1	358309 169214
	<b>BGS Estimated Soil Chemistry</b> 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: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (NW)	0	1	358345 169203
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (W)	22	1	358232 169196



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SE (S)	25	1	358345 169000
	<b>BGS Estimated Soil Chemistry</b> 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 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (W)	59	1	358194 169244
	<b>BGS Estimated Soil Chemistry</b> 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 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SE (SE)	114	1	358540 169104
	<b>BGS Estimated Soil Chemistry</b> 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 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (S)	116	1	358304 168924
	<b>BGS Estimated Soil Chemistry</b> 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 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (W)	163	1	358108 169134
	<b>BGS Estimated Soil Chemistry</b> 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 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	177	1	358177 170005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (SW)	323	1	357966 169027
	<b>BGS Estimated Soil Chemistry</b> 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 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SW (SE)	409	1	358810 168944
	<b>BGS Estimated Soil Chemistry</b> 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 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NW (E)	540	1	359000 169256
	<b>BGS Estimated Soil Chemistry</b> 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 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19NW (NE)	593	1	359000 169863
	<b>BGS Estimated Soil Chemistry</b> 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 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	808	1	358641 168261
	<b>BGS Estimated Soil Chemistry</b> 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:	A9NW (SE)	809	1	359000 168500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	814	1	358643 168255
	<b>BGS Estimated Soil Chemistry</b> 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 120 - 180 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	883	1	358605 168172
	<b>BGS Estimated Soil Chemistry</b> 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 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SE (S)	900	1	358626 168160
80	<b>BGS Recorded Mineral Sites</b> Site Name: Bedminster Down Gravel Pits Location: Bedminster Down, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 61487 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Wilmcote Limestone Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	138	1	358529 169308
81	<b>BGS Recorded Mineral Sites</b> Site Name: Vale Lane Location: Novers Park, Bedminster Down, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 8100 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	303	1	357985 169915
82	<b>BGS Recorded Mineral Sites</b> Site Name: Headley Location: Headley, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 61489 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Wilmcote Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12NE (W)	332	1	357910 169241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	<b>BGS Recorded Mineral Sites</b> Site Name: Headley Gravel Pit Location: Headley, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 61486 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Wilmcote Limestone Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12NE (W)	366	1	357843 169360
84	<b>BGS Recorded Mineral Sites</b> Site Name: Vale Lane No 1 Claypit Location: Bedminster Down, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 8262 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17NE (N)	438	1	357975 170150
85	<b>BGS Recorded Mineral Sites</b> Site Name: Novers Park Location: Novers Park, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 61480 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Wilmcote Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	499	1	358905 169831
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (NW)	0	8	358345 169203
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NW)	0	-	358345 169203
	<b>Natural Cavities</b> Easting: 358345 Northing: 169203 Distance: 0 Quadrant Reference: A13 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Decalcification of Calcareous Rock Matrix x 1 Solid Geology Detail: Blue Lias Formation, Lias Group, Penarth Group Superficial Geology: No Details Detail:	A13NE (NW)	0	9	358345 169203
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	358345 169203
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	22	1	358232 169196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A18NE (N)	35	1	358345 170000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18NW (N)	177	1	358177 170005
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	358345 169203
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	358288 169205
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18NE (N)	35	1	358345 170000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	47	1	358232 169193
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	107	1	358098 169420
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	129	1	358533 169244
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A18NW (N)	177	1	358177 170005
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A17SE (NW)	248	1	357959 169674
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	358445 169118
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	358331 169209
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	358345 169203
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18NE (N)	35	1	358345 170000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	358327 169203
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	358345 169203
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	0	1	358200 169606
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	358287 169357
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	358299 169213
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	16	1	358153 169694
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A18NE (N)	35	1	358367 170000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A18NE (N)	44	1	358345 170000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	81	1	358190 169170
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A18NW (N)	87	1	358309 170000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	90	1	358198 169078
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	114	1	358097 169317
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	125	1	358226 168991
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	127	1	358203 169014
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	174	1	358174 168976
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	358345 169203
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	358288 169205
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18NE (N)	35	1	358345 170000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	47	1	358232 169193
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	107	1	358098 169420
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	129	1	358533 169244
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A18NW (N)	177	1	358177 170005
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A17SE (NW)	248	1	357959 169674
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	358309 169214
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	358345 169203
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	358445 169118
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A18NE (N)	35	1	358345 170000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	114	1	358540 169104

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	358299 169275
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	358345 169203
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	358299 169275
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	1	358345 169203



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	<b>Contemporary Trade Directory Entries</b> Name: D & T Autos Location: Novers Hill, Bedminster, Bristol, BS3 5QU Classification: Garage Services <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	21	-	358395 169986
87	<b>Contemporary Trade Directory Entries</b> Name: Precision Health Location: 18, Novers Crescent, Bristol, BS4 1RB Classification: Distribution Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	53	-	358419 169707
88	<b>Contemporary Trade Directory Entries</b> Name: S R P Scaffolding Location: Compound A, Redford Trading Estate, Novers Hill, Bedminster, Bristol, BS3 5QU Classification: Scaffolding & Work Platforms <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	87	-	358383 170052
88	<b>Contemporary Trade Directory Entries</b> Name: Bristol Car & Commercials Location: Redford House, Novers Hill, Bedminster, Bristol, BS3 5QU Classification: Commercial Vehicle Bodybuilders & Repairers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	87	-	358383 170052
88	<b>Contemporary Trade Directory Entries</b> Name: Templar Autos Location: Redford House, Novers Hill, Bedminster, Bristol, BS3 5QU Classification: Car Breakdown & Recovery Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	87	-	358383 170052
89	<b>Contemporary Trade Directory Entries</b> Name: Lomason Location: B, 1, Novers Park Drive, Bristol, BS4 1RF Classification: Builders' Merchants <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	110	-	358513 169820
90	<b>Contemporary Trade Directory Entries</b> Name: West End Windows Location: Unit 8-9, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: PVC-U Products - Manufacturers & Suppliers <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	133	-	358342 170088
91	<b>Contemporary Trade Directory Entries</b> Name: C J Industrial Woodworking Ltd Location: Unit 7, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: Joinery Manufacturers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	146	-	358327 170096
91	<b>Contemporary Trade Directory Entries</b> Name: Corian Work Surfaces Location: Unit 7, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: Joinery Manufacturers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	146	-	358327 170096
91	<b>Contemporary Trade Directory Entries</b> Name: Avclo Location: Unit 5/6, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: Car Body Repairs <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	185	-	358284 170115
92	<b>Contemporary Trade Directory Entries</b> Name: Bristol Body Care Location: Novers Hill, Bedminster, Bristol, BS3 5QU Classification: Car Body Repairs <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	147	-	358400 170112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	<b>Contemporary Trade Directory Entries</b> Name: Lee'S Location: 37, Langhill Avenue, Bristol, BS4 1TN Classification: Rubbish Clearance <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	150	-	358573 169060
94	<b>Contemporary Trade Directory Entries</b> Name: Luckwell Road Garage Location: Stenners Yard, Hartcliffe Way, Bristol, BS3 5RN Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	176	-	358236 170052
94	<b>Contemporary Trade Directory Entries</b> Name: Kings Vehicle Body Repairs Location: Unit 8 Hartcliffe Way, Bristol, Avon, BS3 5RN Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A18NW (N)	186	-	358230 170060
94	<b>Contemporary Trade Directory Entries</b> Name: Luckwell Garage Ltd Location: Unit 16-17 Honeyfield Business Park, Hartcliffe Way, Bristol, Avon, BS3 5RN Classification: Mot Testing Centres <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A18NW (N)	203	-	358193 170042
94	<b>Contemporary Trade Directory Entries</b> Name: The Sandpit Location: Stenners Yard, Hartcliffe Way, Bristol, Avon, BS3 5RN Classification: Sand, Gravel & Other Aggregates <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	203	-	358193 170042
94	<b>Contemporary Trade Directory Entries</b> Name: Alltow Recovery Location: Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Classification: Car Body Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	203	-	358193 170042
94	<b>Contemporary Trade Directory Entries</b> Name: A D Jones Ltd Location: Stenners Yard, Hartcliffe Way, Bristol, Avon, BS3 5RN Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	203	-	358193 170042
94	<b>Contemporary Trade Directory Entries</b> Name: A Jones Location: Honeyfield Business Park, Hartcliffe Way, Bristol, Avon, BS3 5RN Classification: Commercial Vehicle Bodybuilders & Repairers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A18NW (N)	203	-	358192 170042
94	<b>Contemporary Trade Directory Entries</b> Name: J P Auto Solutions Location: Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	203	-	358193 170042
95	<b>Contemporary Trade Directory Entries</b> Name: Mitie Engineering Services Ltd Location: Novers House, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: Engineers - General <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NE (N)	185	-	358367 170148
95	<b>Contemporary Trade Directory Entries</b> Name: Printgraphicsign Location: Unit 14, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: T-Shirts <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	188	-	358330 170143
95	<b>Contemporary Trade Directory Entries</b> Name: B & S Cleaning Bristol Ltd Location: Unit 15, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Graffiti Removers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	193	-	358324 170146

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	<b>Contemporary Trade Directory Entries</b> Name: Bristol Preservations Location: Unit 15, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Timber Preservation Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	194	-	358324 170146
95	<b>Contemporary Trade Directory Entries</b> Name: Bristol Preservations (South-West) Ltd Location: Unit 15, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Damp & Dry Rot Control <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	194	-	358324 170146
95	<b>Contemporary Trade Directory Entries</b> Name: B & S Homecare Location: Unit 15, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	194	-	358324 170146
95	<b>Contemporary Trade Directory Entries</b> Name: Axis Furniture Ltd Location: Unit 16, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Furniture Manufacturers - Home & Office <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	200	-	358317 170151
95	<b>Contemporary Trade Directory Entries</b> Name: Prestige Door Panels Location: Unit 16, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, Avon, BS3 5QE Classification: PVC-U Products - Manufacturers & Suppliers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	200	-	358317 170151
95	<b>Contemporary Trade Directory Entries</b> Name: Four Circles Location: Unit 18, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	213	-	358304 170159
95	<b>Contemporary Trade Directory Entries</b> Name: Four Circles Garage Location: Unit 18, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	213	-	358304 170159
95	<b>Contemporary Trade Directory Entries</b> Name: Dam Wright Auto Centre Ltd Location: Unit 19, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	219	-	358298 170163
96	<b>Contemporary Trade Directory Entries</b> Name: West Of England Group Ltd Location: Unit 3, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: Engineers - General <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	236	-	358236 170141
96	<b>Contemporary Trade Directory Entries</b> Name: Greys Packaging Location: Unit 1, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: Packaging Materials Manufacturers & Suppliers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	250	-	358248 170169
96	<b>Contemporary Trade Directory Entries</b> Name: Greys Packaging Ltd Location: Unit 1, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: Packaging & Wrapping Equipment & Supplies <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	250	-	358248 170169

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	<b>Contemporary Trade Directory Entries</b> Name: Greys Packaging Ltd Location: Unit 1, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: Packaging Materials Manufacturers & Suppliers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	250	-	358248 170169
96	<b>Contemporary Trade Directory Entries</b> Name: Greys Packaging Location: Unit 1, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Classification: Packaging Materials Manufacturers & Suppliers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	250	-	358248 170169
97	<b>Contemporary Trade Directory Entries</b> Name: Initial Cleaning Services Location: Unit 4, Vale Lane, Bristol, BS3 5SD Classification: Cleaning Services - Commercial <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	237	-	358054 169911
97	<b>Contemporary Trade Directory Entries</b> Name: Merrell (Europe) Ltd Location: 5, Vale Lane, Bristol, BS3 5RU Classification: Footwear Manufacturers & Wholesale <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	237	-	358054 169911
97	<b>Contemporary Trade Directory Entries</b> Name: A R Craig Engineering Ltd Location: 6, Vale Lane, BRISTOL, BS3 5RU Classification: Precision Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	243	-	358055 169926
97	<b>Contemporary Trade Directory Entries</b> Name: Appeal Blinds Ltd Location: Unit 6, Vale Lane, Bristol, BS3 5SD Classification: Blinds, Awnings & Canopies <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	243	-	358055 169926
97	<b>Contemporary Trade Directory Entries</b> Name: The Appeal Group Ltd Location: Unit 6, Vale Lane, Bristol, BS3 5SD Classification: Blinds, Awnings & Canopies <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	243	-	358055 169926
97	<b>Contemporary Trade Directory Entries</b> Name: Tiley Motors Location: Vale Lane, Bristol, Avon, BS3 5SD Classification: Car Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	257	-	358056 169956
97	<b>Contemporary Trade Directory Entries</b> Name: D B Cars Location: Harcliff Way, Vale La, Bristol, Avon, BS3 5RU Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A18NW (NW)	264	-	358026 169912
98	<b>Contemporary Trade Directory Entries</b> Name: Apex Ventures Ltd Location: Unit 3, Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	248	-	358180 170097
98	<b>Contemporary Trade Directory Entries</b> Name: Delaney Hooper Location: Stenners Yard, Hartcliffe Way, Bristol, Avon, BS3 5RN Classification: Commercial Vehicle Bodybuilders & Repairers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	248	-	358180 170097
98	<b>Contemporary Trade Directory Entries</b> Name: Reg Eastman Location: 37, Hartcliffe Way, Bristol, BS3 5RW Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	298	-	358142 170129

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	<b>Contemporary Trade Directory Entries</b> Name: Jewson Ltd Location: 37, Hartcliffe Way, Bristol, BS3 5RW Classification: Builders' Merchants <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	298	-	358142 170129
98	<b>Contemporary Trade Directory Entries</b> Name: Motor Zone Bristol Ltd Location: 37, Hartcliffe Way, BRISTOL, BS3 5RN Classification: Car Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	310	-	358123 170126
99	<b>Contemporary Trade Directory Entries</b> Name: J R Warren Location: 10, Pennlea, Bristol, BS13 7PN Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	259	-	358017 169150
100	<b>Contemporary Trade Directory Entries</b> Name: Fotolynx Ltd Location: C C S Centre, Vale Lane, Bristol, BS3 5RU Classification: Photographic Equipment & Supplies - Wholesale <b>Status: Inactive</b> Positional Accuracy: Automatically positioned in the proximity of the address	A18NW (NW)	294	-	358003 169934
101	<b>Contemporary Trade Directory Entries</b> Name: City Commercials Location: 12, Vale Lane, BRISTOL, BS3 5RU Classification: Commercial Vehicle Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	311	-	358020 169997
102	<b>Contemporary Trade Directory Entries</b> Name: Esso Location: Hartcliffe Way, Bristol, BS3 5RH Classification: Petrol Filling Stations <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	312	-	358063 170058
102	<b>Contemporary Trade Directory Entries</b> Name: Rainbow Motor Co Ltd Location: Unit 4, 8, Vale Lane, Bristol, BS3 5RU Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	348	-	358024 170068
102	<b>Contemporary Trade Directory Entries</b> Name: Used Cars Of Bristol Location: Unit 1, 8, Vale Lane, Bristol, BS3 5RU Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	348	-	358024 170068
102	<b>Contemporary Trade Directory Entries</b> Name: Decco Ltd Location: Vale Lane, Bristol, BS3 5RR Classification: Hardware <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	348	-	358024 170068
102	<b>Contemporary Trade Directory Entries</b> Name: Thirty One Location: Unit 2, 8, Vale Lane, Bristol, BS3 5RU Classification: Print Finishers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	348	-	358024 170068
102	<b>Contemporary Trade Directory Entries</b> Name: Used Jaguar Cars Location: Unit 1, 8, Vale Lane, Bristol, BS3 5RU Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	348	-	358024 170068
103	<b>Contemporary Trade Directory Entries</b> Name: Homesense Location: Unit 9, Imperial Park, Wills Way, Bristol, BS13 7TJ Classification: Homefurnishings - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NE (S)	354	-	358392 168672

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	<b>Contemporary Trade Directory Entries</b> Name: S C S Location: Unit 8, Imperial Park, Wills Way, Bristol, BS13 7TJ Classification: Furniture Manufacturers - Home & Office <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	372	-	358414 168655
104	<b>Contemporary Trade Directory Entries</b> Name: A E Finch (Garages) Ltd Location: Hartcliffe Way, Bristol, BS3 5RH Classification: Garage Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	387	-	358051 170161
104	<b>Contemporary Trade Directory Entries</b> Name: Finch Auto Centre Location: Finch Auto Centre, Bristol Vale Trading Est, Hartcliffe Way, Bristol, Avon, BS3 5RJ Classification: Garage Services <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	387	-	358051 170160
104	<b>Contemporary Trade Directory Entries</b> Name: Finch Auto Garages Location: Hartcliffe Way, Bristol, BS3 5RH Classification: Car Dealers <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	388	-	358051 170161
105	<b>Contemporary Trade Directory Entries</b> Name: We Buy Any Car Location: Imperial Park, Wills Way, Bristol, BS13 7TJ Classification: Car Dealers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	393	-	358478 168645
106	<b>Contemporary Trade Directory Entries</b> Name: Decal Art Location: 23, Headley Park Avenue, BRISTOL, BS13 7NR Classification: Printers <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	533	-	357727 169156
107	<b>Contemporary Trade Directory Entries</b> Name: Agriframes Location: Journal House, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Garden & Patio Furniture Manufacturers & Distributors <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	537	-	358719 168609
107	<b>Contemporary Trade Directory Entries</b> Name: Landrover Services Location: Unit 18-19, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Garage Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	537	-	358719 168609
108	<b>Contemporary Trade Directory Entries</b> Name: Lighthouse Compliance Testing Location: 18, Headley Walk, Bristol, BS13 7NS Classification: Firefighting Equipment <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	567	-	357679 169183
109	<b>Contemporary Trade Directory Entries</b> Name: A P Wholesale Supplies Location: Block 7, Cater Road, BRISTOL, BS13 7TW Classification: Hardware <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	592	-	357864 168695
110	<b>Contemporary Trade Directory Entries</b> Name: Bit Forklift Training Location: 43, Headley Park Avenue, Bristol, BS13 7NR Classification: Fork Lift Trucks <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	596	-	357679 169107



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	<b>Contemporary Trade Directory Entries</b> Name: 24 Hr Gas Boiler Engineer Location: Flat 4, Miller Court, 221, Headley Lane, Bristol, BS13 7QB Classification: Boilers - Servicing, Replacements & Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SE (SW)	639	-	357677 168898
112	<b>Contemporary Trade Directory Entries</b> Name: Horstmann Location: Roman Farm Road, Bristol, Avon, BS4 1UP Classification: Industrial Instrument & Apparatus Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	646	-	359071 169104
113	<b>Contemporary Trade Directory Entries</b> Name: Service Point Location: 23, Cater Road, Bristol, BS13 7TW Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	660	-	357759 168712
113	<b>Contemporary Trade Directory Entries</b> Name: Foam For Home Location: Block 11 Cater Business Park, Cater Road, Bristol, Avon, BS13 7TW Classification: Foam Products - Rubber & Plastics <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	691	-	357719 168714
113	<b>Contemporary Trade Directory Entries</b> Name: Bespoke Innovation Location: 3 Lynwood Court, Cater Rd, Bristol, Avon, BS13 7TW Classification: Furniture Manufacturers - Home & Office <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	692	-	357738 168688
114	<b>Contemporary Trade Directory Entries</b> Name: R Bidwell Location: 52, Broadbury Road, Bristol, Avon, BS4 1JT Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	665	-	359061 169728
115	<b>Contemporary Trade Directory Entries</b> Name: Dynamic Packaging Location: 18-20, Cater Road, Bristol, BS13 7TW Classification: Packaging Materials Manufacturers & Suppliers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	667	-	357805 168650
115	<b>Contemporary Trade Directory Entries</b> Name: Scott Mechanical Engineering Ltd Location: 18-20a, Cater Road, Bristol, BS13 7TW Classification: Engineers - General <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	689	-	357783 168640
115	<b>Contemporary Trade Directory Entries</b> Name: Dynamic Packaging Ltd Location: 18-20, Cater Road, Bristol, BS13 7TW Classification: Packaging Materials Manufacturers & Suppliers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	689	-	357783 168640
116	<b>Contemporary Trade Directory Entries</b> Name: Donalds Office Supplies Location: Unit 8, Kenn Court, Roman Farm Road, Bristol, BS4 1UL Classification: Office Furniture & Equipment <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	681	-	359104 169145
116	<b>Contemporary Trade Directory Entries</b> Name: Regency Travel Location: Unit 7, Kenn Court, Roman Farm Road, Bristol, BS4 1UL Classification: Bus & Coach Operators & Stations <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	687	-	359110 169134



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	<b>Contemporary Trade Directory Entries</b> Name: J P Services Ltd Location: Unit 7, Kenn Court, South Bristol Business Park, Roman Farm Road, Bristol, BS4 1UL Classification: Mechanical Engineers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	691	-	359114 169136
117	<b>Contemporary Trade Directory Entries</b> Name: Medina Dairy Location: 77, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Classification: Dairies <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	686	-	357863 168563
117	<b>Contemporary Trade Directory Entries</b> Name: Hudson Plumbing & Heating Services Ltd Location: Unit 5, Advantage Park, 75, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Classification: Boilers - Servicing, Replacements & Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	698	-	357837 168570
117	<b>Contemporary Trade Directory Entries</b> Name: Hartcliffe Motors Location: 75, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TN Classification: Mot Testing Centres <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	720	-	357815 168561
117	<b>Contemporary Trade Directory Entries</b> Name: Udalls Garage Location: 75, Whitchurch Lane, Bishopsworth, Bristol, Avon, BS13 7TN Classification: Mot Testing Centres <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	720	-	357815 168561
117	<b>Contemporary Trade Directory Entries</b> Name: Advantage 4 Vans Location: Unit 1, Advantage Park, 75, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	731	-	357808 168552
117	<b>Contemporary Trade Directory Entries</b> Name: Advantage 4 Vans Location: Unit 1, Advantage Park, 75, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Classification: Commercial Vehicle Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	731	-	357808 168552
118	<b>Contemporary Trade Directory Entries</b> Name: 2 K Cleaning Services Location: 49, Maynard Close, Bristol, BS13 0AS Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SE (S)	690	-	358435 168337
119	<b>Contemporary Trade Directory Entries</b> Name: Gilly'S Oven Location: Unit 5, Kenn Court, South Bristol Business Park, Roman Farm Road, Bristol, BS4 1UL Classification: Food Products - Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	696	-	359121 169117
119	<b>Contemporary Trade Directory Entries</b> Name: Filter Queen Service Location: Kenn Ct, Roman Farm Rd, Bristol, BS4 1UL Classification: Vacuum Cleaners - Sales & Service <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A14SE (E)	701	-	359126 169106
119	<b>Contemporary Trade Directory Entries</b> Name: R C Fasteners Location: Unit 3, Kenn Court, South Bristol Business Park, Roman Farm Road, Bristol, BS4 1UL Classification: Nuts, Bolts & Fixings <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	710	-	359135 169102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	<b>Contemporary Trade Directory Entries</b> Name: Coolstream Ltd Location: Unit 3, Kenn Court, South Bristol Business Park, Roman Farm Road, Bristol, BS4 1UL Classification: Air Conditioning & Refrigeration Contractors <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	710	-	359135 169102
119	<b>Contemporary Trade Directory Entries</b> Name: Rainbow International Location: Unit 2, Kenn Court, Roman Farm Road, Bristol, BS4 1UL Classification: Carpet, Curtain & Upholstery Cleaners <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	712	-	359137 169091
119	<b>Contemporary Trade Directory Entries</b> Name: Gemech Location: Unit 1, Kenn Court, Roman Farm Road, Bristol, BS4 1UL Classification: Mechanical Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	721	-	359146 169078
119	<b>Contemporary Trade Directory Entries</b> Name: R C Fastners Location: Unit 1, Kenn Court, South Bristol Business Park, Roman Farm Road, Bristol, BS4 1UL Classification: Engineering Materials <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	723	-	359148 169081
120	<b>Contemporary Trade Directory Entries</b> Name: Bristol Waste Clearance Location: 258, Ilchester Crescent, Bristol, BS13 7HU Classification: Waste Disposal Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	697	-	357626 170078
121	<b>Contemporary Trade Directory Entries</b> Name: Esso Location: South Bristol Business Park, Bristol, Avon, BS4 1UJ Classification: Petrol Filling Stations <b>Status: Active</b> Positional Accuracy: Manually positioned to the address or location	A14SE (E)	709	-	359127 168978
121	<b>Contemporary Trade Directory Entries</b> Name: The Co-Operative Location: Roman Farm Road, Bristol, BS4 1UJ Classification: Petrol Filling Stations - 24 Hour <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	710	-	359128 168978
122	<b>Contemporary Trade Directory Entries</b> Name: Flo Gas Plc Location: Unit 16c, Bakers Park, Cater Road, Bristol, BS13 7TT Classification: Gas Suppliers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	714	-	357631 168815
123	<b>Contemporary Trade Directory Entries</b> Name: Wdh Seanlant Services Location: 48, Headley Park Road, Bristol, BS13 7NH Classification: Seal & Joint Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	714	-	357563 169061
124	<b>Contemporary Trade Directory Entries</b> Name: Rotec Hydraulics Ltd Location: Unit 12, Kenn Court, South Bristol Business Park, Roman Farm Road, Bristol, BS4 1UL Classification: Hydraulic Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NE (E)	731	-	359150 169178
124	<b>Contemporary Trade Directory Entries</b> Name: Rotec Hydraulics Ltd Location: Unit 14, Kenn Court, Roman Farm Road, Bristol, BS4 1UL Classification: Pneumatic Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NE (E)	753	-	359175 169160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	<b>Contemporary Trade Directory Entries</b> Name: Bristol Windows Direct Location: Unit 16, Kenn Court, Roman Farm Road, Bristol, BS4 1UL Classification: Window Frame Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	759	-	359183 169131
124	<b>Contemporary Trade Directory Entries</b> Name: Swift Windows Location: Unit 16, Kenn Court, South Bristol Business Park, Roman Farm Road, Bristol, Avon, BS4 1UL Classification: Window Frame Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	759	-	359183 169131
125	<b>Contemporary Trade Directory Entries</b> Name: K D Holbrow Location: 239, Headley Lane, Bristol, BS13 7QD Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A12SW (W)	733	-	357573 168909
126	<b>Contemporary Trade Directory Entries</b> Name: Broughton & Co Ltd Location: 4, Axis, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BY Classification: Office Equipment Manufacturers & Distributors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	741	-	358783 168403
126	<b>Contemporary Trade Directory Entries</b> Name: Testamatic Ltd Location: 3, Axis, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BY Classification: Testing, Inspection & Calibration Equipment Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	754	-	358779 168385
126	<b>Contemporary Trade Directory Entries</b> Name: Certex Location: Axis, Hawkfield Way, Hawkfield Business Pk, Bristol, Avon, BS14 0BY Classification: Lifting Equipment <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A9SW (SE)	774	-	358808 168380
126	<b>Contemporary Trade Directory Entries</b> Name: Itec Location: Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BL Classification: Printing Equipment Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	785	-	358809 168368
127	<b>Contemporary Trade Directory Entries</b> Name: Kingscourt Cladding Services Ltd Location: Unit 3a, Bakers Park, 11, Cater Road, Bristol, BS13 7TT Classification: Cladding Suppliers & Installers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	747	-	357641 168729
127	<b>Contemporary Trade Directory Entries</b> Name: Bvr Van Sales & Spares Location: Cater Rd, Bristol, Avon, BS13 7TT Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	767	-	357644 168688
128	<b>Contemporary Trade Directory Entries</b> Name: Flow Gas Ltd Location: Unit 16a, Bakers Park, Cater Road, Bristol, Avon, BS13 7TT Classification: Gas Suppliers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	756	-	357583 168819
128	<b>Contemporary Trade Directory Entries</b> Name: G J C Commercial Location: Unit 15, Bakers Park, 11, Cater Road, Bristol, BS13 7TT Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	775	-	357584 168774

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	<b>Contemporary Trade Directory Entries</b> Name: Swi Salvage Location: Unit 16a, Bakers Park, 11, Cater Road, Bristol, BS13 7TT Classification: Salvage Dealers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A12SW (SW)	757	-	357578 168827
130	<b>Contemporary Trade Directory Entries</b> Name: J & S Accessories Location: 2, Enterprise Trade Centre, Roman Farm Road, Bristol, BS4 1UN Classification: Cycle Accessories, Manufacturers & Wholesalers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	763	-	359187 169040
130	<b>Contemporary Trade Directory Entries</b> Name: Fireplace Store Location: 4, Enterprise Trade Centre, Roman Farm Road, Bristol, Avon, BS4 1UN Classification: Fireplaces & Mantelpieces <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	811	-	359236 169040
130	<b>Contemporary Trade Directory Entries</b> Name: Screwfix Location: 6, Enterprise Trade Centre, Roman Farm Road, Bristol, BS4 1UN Classification: Builders' Merchants <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	827	-	359252 169059
131	<b>Contemporary Trade Directory Entries</b> Name: Showcard Print Location: 11-16, Cater Road, Bristol, BS13 7TW Classification: Printers <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	764	-	357680 168646
131	<b>Contemporary Trade Directory Entries</b> Name: Carter Oliver Print Solutions Location: 12-16, Cater Road, Bristol, BS13 7TW Classification: Digital Printing <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	764	-	357680 168646
131	<b>Contemporary Trade Directory Entries</b> Name: Pamata Distribution Location: 11-16, Cater Road, Bristol, BS13 7TW Classification: Distribution Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	764	-	357680 168646
131	<b>Contemporary Trade Directory Entries</b> Name: Auto Shine Motors Location: 11-16, Cater Road, Bristol, BS13 7TW Classification: Car Dealers - Used <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	764	-	357680 168646
131	<b>Contemporary Trade Directory Entries</b> Name: New Trade Windows Bristol Ltd Location: 11-16, Cater Road, Bristol, BS13 7TW Classification: Window Frame Manufacturers <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	764	-	357680 168646
131	<b>Contemporary Trade Directory Entries</b> Name: New Trade Windows Bristol Ltd Location: 11-16, Cater Road, Bristol, BS13 7TW Classification: Glass Products - Manufacturers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	764	-	357680 168646
132	<b>Contemporary Trade Directory Entries</b> Name: Bristol Blue Glassworks Ltd Location: Unit 20, Kenn Court, South Bristol Business Park, Roman Farm Road, Bristol, BS4 1UL Classification: Glass Products - Manufacturers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	766	-	359191 169102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	<b>Contemporary Trade Directory Entries</b> Name: Gemini Accident Repair Centres Location: Unit 13 Enterprise Trade Centre, Roman Farm Road, Bristol, Avon, BS4 1UN Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	809	-	359234 169082
133	<b>Contemporary Trade Directory Entries</b> Name: G & S Deliveries Location: Stoneberry House, 73, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	777	-	357758 168538
133	<b>Contemporary Trade Directory Entries</b> Name: Advantage 4 Vans Location: 75 Whitchurch La, Bishopsworth, Bristol, Avon, BS13 7TE Classification: Commercial Vehicle Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	782	-	357773 168516
134	<b>Contemporary Trade Directory Entries</b> Name: I P G Photonics UK Ltd Location: 1 Axis, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BY Classification: Electrical Goods Sales, Manufacturers & Wholesalers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	781	-	358770 168349
134	<b>Contemporary Trade Directory Entries</b> Name: Rosvic Ltd Location: 1, Axis, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BY Classification: Machinery - Industrial & Commercial <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A9SW (SE)	781	-	358770 168349
134	<b>Contemporary Trade Directory Entries</b> Name: I T E C Connect Location: Hawkfield Way, Hawkfield Business Park, Bristol, Avon, BS14 0BL Classification: Office Furniture & Equipment <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A9SW (SE)	804	-	358769 168321
135	<b>Contemporary Trade Directory Entries</b> Name: Bathwick Tyres Ltd Location: 69, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Classification: Tyre Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	782	-	357704 168591
135	<b>Contemporary Trade Directory Entries</b> Name: G M T Cars Location: 65, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	816	-	357667 168580
136	<b>Contemporary Trade Directory Entries</b> Name: Bristol Car & Commercial Ltd Location: Bakers Park, Unit 5 Cater Rd, Bristol, Avon, BS13 7TT Classification: Commercial Vehicle Bodybuilders & Repairers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	785	-	357602 168721
136	<b>Contemporary Trade Directory Entries</b> Name: Hanford Construction Steelwork Location: Unit 6, Bakers Park, Cater Rd, Bristol, Avon, BS13 7TT Classification: Stainless Steel Manufacturers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	810	-	357576 168714
136	<b>Contemporary Trade Directory Entries</b> Name: Body Repairs Bristol Ltd Location: Unit 5, Bakers Park, 11, Cater Road, Bristol, BS13 7TT Classification: Car Body Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	828	-	357574 168684
136	<b>Contemporary Trade Directory Entries</b> Name: Advance Location: Unit 9, Bakers Park, 11, Cater Road, Bristol, BS13 7TT Classification: Scaffolding & Work Platforms <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	832	-	357555 168707

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	<b>Contemporary Trade Directory Entries</b> Name: Thorn & Derrick Location: 9 Axis, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BY Classification: Distribution Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	791	-	358870 168404
137	<b>Contemporary Trade Directory Entries</b> Name: Thorne & Derrick Location: 9 Axis, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BY Classification: Distribution Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	791	-	358870 168404
137	<b>Contemporary Trade Directory Entries</b> Name: Peninsula Business Systems Ltd Location: 6, Axis, Hawkfield Way, Hawkfield Business Park, Bristol, Avon, BS14 0BY Classification: Photocopiers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	804	-	358840 168366
137	<b>Contemporary Trade Directory Entries</b> Name: Guardian Safe Location: 5, Axis, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BY Classification: Safes & Vaults - Suppliers & Installers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	814	-	358837 168351
138	<b>Contemporary Trade Directory Entries</b> Name: Sovereign Rotating Electrics Ltd Location: Hengrove Leisure Park, Hengrove Way, Bristol, Avon, BS14 0HR Classification: Car Accessories Manufacturers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14SE (SE)	798	-	359187 168843
139	<b>Contemporary Trade Directory Entries</b> Name: Chevron Aluminium Location: 67, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Classification: Window Frame Manufacturers <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	826	-	357707 168521
139	<b>Contemporary Trade Directory Entries</b> Name: J & M Windows Location: 67, Whitchurch Lane, Bishopsworth, BRISTOL, BS13 7TE Classification: Window Frames - Sales & Service <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	826	-	357707 168521
139	<b>Contemporary Trade Directory Entries</b> Name: Wrings Builders Merchants Location: 63, Whitchurch Lane, Bishopsworth, Bristol, Avon, BS13 7TE Classification: Builders' Merchants <b>Status:</b> Active Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	854	-	357675 168514
139	<b>Contemporary Trade Directory Entries</b> Name: Dw Motors Location: 63, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Classification: Commercial Vehicle Dealers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	854	-	357675 168514
139	<b>Contemporary Trade Directory Entries</b> Name: D & H Cars Location: 65A Whitchurch La, Bishopsworth, Bristol, BS13 7TE Classification: Car Dealers - Used <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	873	-	357666 168496
140	<b>Contemporary Trade Directory Entries</b> Name: Eco Vans Location: Unit 17, Bakers Park, 11, Cater Road, Bristol, BS13 7TT Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	851	-	357506 168759
141	<b>Contemporary Trade Directory Entries</b> Name: Proteck Coatings Location: 11-16, Cater Road, Bristol, BS13 7TW Classification: Coating Specialists <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	855	-	357582 168624



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	<b>Contemporary Trade Directory Entries</b> Name: Howdens Joinery Co Location: Unit 1-2, 6-10, Cater Road, BRISTOL, BS13 7TW Classification: Builders' Merchants <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	855	-	357582 168624
142	<b>Contemporary Trade Directory Entries</b> Name: S Brown Location: Bakers Park, Cater Rd, Bristol, Avon, BS13 7TT Classification: Refrigerators & Freezers - Servicing & Repairs <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	856	-	357538 168688
142	<b>Contemporary Trade Directory Entries</b> Name: A Bit On The Side Ltd Location: unit 2d Cater Rd, Bristol, Avon, BS13 7TW Classification: Scaffolding & Work Platforms <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	863	-	357544 168665
142	<b>Contemporary Trade Directory Entries</b> Name: Christys Print Finishers Ltd Location: Cater Rd, Bristol, BS13 7TW Classification: Print Finishers <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	899	-	357508 168656
143	<b>Contemporary Trade Directory Entries</b> Name: Carnival Digital Graphics Location: 9, Enterprise Trade Centre, Roman Farm Road, Bristol, BS4 1UN Classification: Printers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	857	-	359282 169079
144	<b>Contemporary Trade Directory Entries</b> Name: Delstar International Ltd Location: 3a, Osprey Court, Hawkfield Way, Hawkfield Business Park, Bristol, Avon, BS14 0BB Classification: Manufacturers <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	865	-	358822 168282
145	<b>Contemporary Trade Directory Entries</b> Name: P J L Laboratories Location: Unit 6, Septimus Buildings, Hawkfield Close, Hawkfield Business Park, BRISTOL, BS14 0BN Classification: Laboratories <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	876	-	358758 168235
145	<b>Contemporary Trade Directory Entries</b> Name: V M R Publicity Location: 5 Septimus, Hawkfield Business Park, Bristol, Avon, BS14 0BN Classification: T-Shirts <b>Status:</b> Active Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	885	-	358758 168225
145	<b>Contemporary Trade Directory Entries</b> Name: Pitney Bowes Location: Pitney Bowes House, Hawkfield Close, Hawkfield Business Park, Bristol, Avon, BS14 0BN Classification: Machinery - Industrial & Commercial <b>Status:</b> Inactive Positional Accuracy: Manually positioned within the geographical locality	A9SW (SE)	885	-	358757 168225
146	<b>Contemporary Trade Directory Entries</b> Name: A1 Garlands Location: 5, Durlough Close, Bristol, BS13 7NQ Classification: French Polishing <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	879	-	357399 169044
146	<b>Contemporary Trade Directory Entries</b> Name: Hydrotech Location: Durlough Cl, Bristol, Avon, BS13 7NQ Classification: Commercial Cleaning Services <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	893	-	357388 169015



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	<b>Contemporary Trade Directory Entries</b> Name: D C L Autos Location: 28 Bishopsworth Rd, Bristol, Avon, BS13 7JJ Classification: Garage Services <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	A17NW (NW)	879	-	357420 170055
148	<b>Contemporary Trade Directory Entries</b> Name: Cool Crest Refrigeration Ltd Location: 54, Hillyfield Road, Bristol, BS13 7QF Classification: Refrigerators & Freezers - Servicing & Repairs <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	885	-	357406 168953
149	<b>Contemporary Trade Directory Entries</b> Name: J C W Energy Services Location: Unit 18 Osprey Court, Hawkfield Way, Hawkfield Business Park, Bristol, Avon, BS14 0BB Classification: Air Conditioning Equipment & Systems <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	894	-	358875 168280
150	<b>Contemporary Trade Directory Entries</b> Name: P H Waste Management Location: Unit 18-19, Bakers Park, 11, Cater Road, BRISTOL, BS13 7TT Classification: Waste Disposal Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	910	-	357441 168759
151	<b>Contemporary Trade Directory Entries</b> Name: Morplan Location: 12, Enterprise Trade Centre, Roman Farm Road, Bristol, BS4 1UN Classification: Shop Fittings Manufacturers <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	911	-	359334 169154
152	<b>Contemporary Trade Directory Entries</b> Name: Mobility Now Location: 28b, Osprey Court, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BB Classification: Disability Equipment - Manufacturers & Suppliers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A9SW (SE)	912	-	358861 168250
152	<b>Contemporary Trade Directory Entries</b> Name: Crendon Timber Engineering Ltd Location: 26 Osprey Court, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BB Classification: Wood Products, Except Furniture - Manufacturers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	942	-	358872 168222
152	<b>Contemporary Trade Directory Entries</b> Name: Mitie Cleaning Ltd (South West) Location: 26-27a, Osprey Court, Hawkfield Way, Hawkfield Business Park, Bristol, Avon, BS14 0BB Classification: Commercial Cleaning Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	942	-	358872 168222
152	<b>Contemporary Trade Directory Entries</b> Name: Mitie Air Conditioning Ltd Location: 26-27a, Osprey Court, Hawkfield Way, Hawkfield Business Park, Bristol, Avon, BS14 0BB Classification: Air Conditioning Equipment & Systems <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	942	-	358872 168222
152	<b>Contemporary Trade Directory Entries</b> Name: J W Arrowsmith Ltd Location: 25, Osprey Court, Hawkfield Way, Hawkfield Business Park, BRISTOL, BS14 0BB Classification: Printers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	954	-	358894 168221
153	<b>Contemporary Trade Directory Entries</b> Name: J C W Energy Services Location: 18, Osprey Court, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BB Classification: Air Conditioning & Refrigeration Contractors <b>Status:</b> Active Positional Accuracy: Manually positioned to the address or location	A9SW (SE)	912	-	358934 168300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	<b>Contemporary Trade Directory Entries</b> Name: Filwood Service Station Location: 20, Filwood Broadway, Bristol, BS4 1JN Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A20SW (NE)	914	-	359344 169658
155	<b>Contemporary Trade Directory Entries</b> Name: Vehicle Matters Location: Unit 2/B, Cater House, Cater Road, Bristol, BS13 7TW Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	951	-	357468 168622
155	<b>Contemporary Trade Directory Entries</b> Name: Kebrell Nuts & Bolts Ltd Location: Unit 2a, Cater House, Cater Road, Bristol, BS13 7TW Classification: Nuts, Bolts & Fixings <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	952	-	357478 168604
156	<b>Contemporary Trade Directory Entries</b> Name: Bristol French Polishing Location: 15, Coleshill Drive, Bristol, BS13 9QT Classification: French Polishing <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	959	-	357678 168362
157	<b>Contemporary Trade Directory Entries</b> Name: A.B.J Cleaning Services Location: Filwood Broadway, Bristol, BS4 1JL Classification: Cleaning Services - Commercial <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A20SW (E)	983	-	359430 169590
158	<b>Contemporary Trade Directory Entries</b> Name: Radio Detection Ltd Location: Western Drive, Bristol, BS14 0AZ Classification: Electronic Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A15SW (E)	984	-	359399 168937
159	<b>Contemporary Trade Directory Entries</b> Name: The I T Storeroom Location: 1 Filwood Park Lane, Bristol, Avon, BS4 1ET Classification: Office Furniture & Equipment <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A15NW (E)	987	-	359417 169186
160	<b>Contemporary Trade Directory Entries</b> Name: Aardvark Scrap Metal Location: 36, Fulford Road, Bristol, BS13 9PB Classification: Scrap Metal Merchants <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A3NW (S)	987	-	358077 168085
161	<b>Contemporary Trade Directory Entries</b> Name: A B J Cleaning Services Location: 15, Filwood Broadway, Bristol, BS4 1JL Classification: Cleaning Services - Commercial <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A20SW (NE)	999	-	359409 169741
162	<b>Fuel Station Entries</b> Name: Sixt Kenning Ltd Hartcliffe Way Location: 59, Hartcliffe Way , Bedminster , Bristol, Bristol, City Of, BS3 5RP Brand: Unbranded Premises Type: Not Applicable <b>Status: Obsolete</b> Positional Accuracy: Automatically positioned to the address	A18NW (N)	278	-	358120 170072
163	<b>Fuel Station Entries</b> Name: Hartcliffe Way Service Station Location: Hartcliffe Way , Hartcliffe , Bristol, Bristol, City Of, BS3 5RP Brand: Esso Premises Type: Petrol Station <b>Status: Open</b> Positional Accuracy: Manually positioned to the address or location	A18NW (N)	312	-	358063 170059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	<b>Fuel Station Entries</b> Name: Rss Hengrove Way Location: Hengrove Way Roman Farm Road, Hengrove South Bristol Business Park, Bristol, Bristol, City Of, BS4 1UJ Brand: Esso Premises Type: Petrol Station Status: <b>Open</b> Positional Accuracy: Manually positioned to the address or location	A14SE (E)	710	-	359128 168981
165	<b>Fuel Station Entries</b> Name: Hartcliffe Motors Location: 75, Whitchurch Lane , Bishopsworth , Bristol, Bristol, City Of, BS13 7TE Brand: Esso Premises Type: Not Applicable Status: <b>Obsolete</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	721	-	357815 168560
166	<b>Fuel Station Entries</b> Name: Filwood Garage Location: Filwood Broadway , Filwood Park , Bristol, Bristol, City Of, BS4 1JN Brand: Obsolete Premises Type: Not Applicable Status: <b>Obsolete</b> Positional Accuracy: Manually positioned to the road within the address or location	A20SW (NE)	943	-	359379 169641
167	<b>Fuel Station Entries</b> Name: Wrington Service Station Location: 263-273, Bishopsworth Road , Bishopsworth , Bristol, Bristol, City Of, BS13 7JR Brand: Unbranded Premises Type: Not Applicable Status: <b>Obsolete</b> Positional Accuracy: Automatically positioned to the address	A11NE (W)	946	-	357263 169334
168	<b>Points of Interest - Commercial Services</b> Name: S I T A Contract Services Location: 83 Hartcliffe Way, Bristol, BS3 5RN Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18SW (N)	97	10	358147 169752
169	<b>Points of Interest - Commercial Services</b> Name: Lee's Location: 37 Langhill Avenue, Bristol, BS4 1TN Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	150	10	358573 169060
170	<b>Points of Interest - Commercial Services</b> Name: Bristol Body Care Location: Novers Knapp, Novers Hill, Bedminster, Bristol, BS3 5QU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	164	10	358454 170117
171	<b>Points of Interest - Commercial Services</b> Name: Avclo Location: Unit 5/6, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	185	10	358284 170115
171	<b>Points of Interest - Commercial Services</b> Name: Balmoral Accident Repair Centre Location: Unit 5-6, Novers Hill Trading Estate, Bedminster, Bristol, BS3 5QY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	185	10	358284 170115
171	<b>Points of Interest - Commercial Services</b> Name: Four Circles Location: Unit 18 Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	212	10	358304 170158
171	<b>Points of Interest - Commercial Services</b> Name: Dam Wright Auto Centre Ltd Location: Unit 19 Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	219	10	358298 170163

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	<b>Points of Interest - Commercial Services</b> Name: Kings Vehicle Body Repairs Location: Unit 8 Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	186	10	358229 170059
172	<b>Points of Interest - Commercial Services</b> Name: A D Jones (Motor Engineers Bristol) Ltd Location: Honeyfield Business Park, Hartcliffe Way, Bristol, Avon, BS3 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	203	10	358192 170042
172	<b>Points of Interest - Commercial Services</b> Name: Luckwell Garage Ltd Location: Unit 16-17 Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	203	10	358193 170042
173	<b>Points of Interest - Commercial Services</b> Name: Clinical Wheels Repairs Location: 14 Berners Close, Bristol, BS4 1TD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (E)	232	10	358647 169149
174	<b>Points of Interest - Commercial Services</b> Name: Accolade Asbestos Services Ltd Location: Vale Lane, Bristol, BS3 5RU Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18NW (N)	243	10	358055 169926
175	<b>Points of Interest - Commercial Services</b> Name: Apex Ventures Ltd Location: Unit 3 Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	248	10	358179 170096
175	<b>Points of Interest - Commercial Services</b> Name: Reg Eastman Location: Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	248	10	358180 170097
175	<b>Points of Interest - Commercial Services</b> Name: A D Jones Motor Engineers Ltd Location: Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	248	10	358180 170097
175	<b>Points of Interest - Commercial Services</b> Name: J P Auto Solutions Location: Unit 1 Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	248	10	358180 170097
175	<b>Points of Interest - Commercial Services</b> Name: Reg Eastman Location: 37 Hartcliffe Way, Bristol, BS3 5RW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	298	10	358142 170129
175	<b>Points of Interest - Commercial Services</b> Name: M W Auto Electrical Location: 57 Hartcliffe Way, Bristol, BS3 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	311	10	358109 170111
176	<b>Points of Interest - Commercial Services</b> Name: J R Warren Location: 10 Pennlea, Bristol, BS13 7PN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (W)	259	10	358017 169150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	<b>Points of Interest - Commercial Services</b> Name: J R Warren Location: 10 Pennlea, Bristol, BS13 7PN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (W)	259	10	358017 169150
177	<b>Points of Interest - Commercial Services</b> Name: Car Wash Location: Hartcliffe Way, Hartcliffe, Bristol, BS3 5RH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NW (N)	312	10	358063 170059
178	<b>Points of Interest - Commercial Services</b> Name: Finch Auto Centre Location: Finch Auto Centre, Bristol Vale Trading Est, Hartcliffe Way, Bristol, Avon, BS3 5RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	387	10	358051 170160
178	<b>Points of Interest - Commercial Services</b> Name: A E Finch Garages Ltd Location: Hartcliffe Way, Bristol, BS3 5RH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	387	10	358051 170161
179	<b>Points of Interest - Commercial Services</b> Name: Richard Tovey Transport Services Ltd Location: 23 Crantock Avenue, Bristol, BS13 7QP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SE (NW)	395	10	357809 169543
180	<b>Points of Interest - Commercial Services</b> Name: Hartcliffe Motor Company Location: Unit 21, Cater Road, Bristol, BS13 7TW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	673	10	357744 168711
181	<b>Points of Interest - Commercial Services</b> Name: The Van Conversion Company Location: 68 Lisburn Road, Bristol, BS4 1NG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NE (NE)	705	10	359080 170122
182	<b>Points of Interest - Commercial Services</b> Name: Car Wash Location: Hengrove Way, Roman Farm Road, Hengrove, South Bristol Business Park, Bristol, BS4 1UJ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SE (E)	710	10	359128 168981
182	<b>Points of Interest - Commercial Services</b> Name: Rss Hengrove Way Location: Hengrove Way, Roman Farm Road, Hengrove, South Bristol Business Park, Bristol, BS4 1UJ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SE (E)	726	10	359148 169018
183	<b>Points of Interest - Commercial Services</b> Name: Udalls Garage Location: 75 Whitchurch Lane, Bishopsworth, Bristol, BS13 7TN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	720	10	357815 168561
183	<b>Points of Interest - Commercial Services</b> Name: Elite Environmental UK Ltd Location: Unit 3 Advantage Park 75, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A7NE (SW)	721	10	357815 168560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	<b>Points of Interest - Commercial Services</b> Name: Elite Environmental Location: Unit 3, Advantage Park, 73 Whitchurch Lane, Bishopsworth, Bristol, Avon, BS13 7TE Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A7NE (SW)	777	10	357758 168538
183	<b>Points of Interest - Commercial Services</b> Name: G & S Deliveries Bristol Ltd Location: Stoneberry House 73, Whitchurch Lane, Bishopsworth, Bristol, BS13 7TE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	777	10	357758 168538
184	<b>Points of Interest - Commercial Services</b> Name: Bvr Van Sales & Spares Location: Unit 16a Bakers Park, Cater Road, Bristol, BS13 7TT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	757	10	357583 168819
184	<b>Points of Interest - Commercial Services</b> Name: G J C Commercials Location: Unit 15 Bakers Park 11, Cater Road, Bristol, BS13 7TT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	775	10	357583 168774
185	<b>Points of Interest - Commercial Services</b> Name: Bristol Sunroof Centre Location: Unit 20 Kenn Court South Bristol Business Park, Roman Farm Road, Bristol, BS4 1UL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	765	10	359190 169101
185	<b>Points of Interest - Commercial Services</b> Name: Accolade Services Ltd Location: Unit 20 Kenn Court South Bristol Business Park, Roman Farm Road, Bristol, BS4 1UL Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	766	10	359191 169101
185	<b>Points of Interest - Commercial Services</b> Name: Gemini Accident Repair Centres Location: Unit 13 Enterprise Trade Centre, Roman Farm Road, Bristol, BS4 1UN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	809	10	359234 169082
186	<b>Points of Interest - Commercial Services</b> Name: Thorn & Derrick Location: 9 Axis, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9SW (SE)	791	10	358870 168404
186	<b>Points of Interest - Commercial Services</b> Name: Thorne & Derrick Location: 9 Axis, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9SW (SE)	791	10	358870 168404
187	<b>Points of Interest - Commercial Services</b> Name: Bristol Car & Commercial Location: Unit 5 Bakers Park 11, Cater Road, Bristol, BS13 7TT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	828	10	357574 168684
187	<b>Points of Interest - Commercial Services</b> Name: Deluxe Mph Valeting Location: 1-2 Cater Road, Bristol, BS13 7TW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NW (SW)	855	10	357582 168624



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
187	<b>Points of Interest - Commercial Services</b> Name: Pamata Distribution Location: 11-16 Cater Road, Bristol, BS13 7TW Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	856	10	357581 168623
188	<b>Points of Interest - Commercial Services</b> Name: P J L Laboratories Ltd Location: Unit 6 Septimus, Hawkfield Way, Hawkfield Business Park, Bristol, BS14 0BL Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A9SW (SE)	875	10	358761 168237
189	<b>Points of Interest - Commercial Services</b> Name: Filwood Service Station Location: 20 Filwood Broadway, Bristol, BS4 1JN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A20SW (NE)	914	10	359344 169658
190	<b>Points of Interest - Commercial Services</b> Name: Vehicle Matters Location: Unit 2/B Cater House, Cater Road, Bristol, BS13 7TW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	952	10	357467 168621
191	<b>Points of Interest - Education and Health</b> Name: The Lennard Surgery Location: 1-3 Lewis Road, Bristol, BS13 7JD Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A17SW (NW)	792	10	357426 169684
192	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	0	10	358351 169602
192	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	0	10	358333 169630
192	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: BS4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18SE (N)	0	10	358332 169624
193	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (N)	53	10	358384 169326
194	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	60	10	358198 169794
194	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	81	10	358156 169709
194	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	87	10	358167 169789



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	104	10	358135 169726
195	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (NE)	73	10	358496 169364
196	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	90	10	358209 169884
196	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	118	10	358210 169932
196	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	125	10	358187 169914
196	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: BS3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	125	10	358187 169914
196	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	128	10	358214 169951
197	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: BS3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	121	10	358322 170063
198	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	190	10	358210 170043
198	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: BS3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	193	10	358205 170042
199	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: BS13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	206	10	358222 168883
200	<b>Points of Interest - Manufacturing and Production</b> Name: Bristol Granite Co Location: Unit 3 Honeyfield Business Park, Hartcliffe Way, Bristol, BS3 5RN Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18NW (N)	248	10	358180 170097

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
200	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: BS3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	249	10	358186 170106
200	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	323	10	358124 170148
201	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (NW)	282	10	358012 169925
201	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: BS3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NW (NW)	287	10	358007 169926
201	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A17NE (NW)	327	10	357955 169906
202	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NW (N)	314	10	358025 170012
203	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NW (E)	354	10	358780 169276
204	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	512	10	358006 168666
204	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: BS13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	512	10	358006 168667
205	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	666	10	357808 168647
205	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: BS13 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	670	10	357801 168649
205	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	738	10	357775 168576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: BS13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	724	10	357831 168541
207	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: BS13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	891	10	357543 168616
208	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: BS14 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (S)	909	10	358753 168196
208	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (S)	910	10	358757 168197
208	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: BS14 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	952	10	358782 168162
208	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS14 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A9SW (SE)	988	10	358852 168157
209	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15SW (E)	981	10	359394 168925
209	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: BS14 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15SW (E)	981	10	359394 168925
210	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	140	10	358162 169042
211	<b>Points of Interest - Public Infrastructure</b> Name: Lee's Location: 37 Langhill Avenue, Bristol, BS4 1TN Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	149	10	358573 169060
212	<b>Points of Interest - Public Infrastructure</b> Name: Bedminster Fire Station Location: Fire Station 61, Hartcliffe Way, Bristol, BS3 5RN Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A18NW (N)	210	10	358133 169984
212	<b>Points of Interest - Public Infrastructure</b> Name: Esso Location: Hartcliffe Way, Bristol, BS3 5RH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	297	10	358064 170037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
212	<b>Points of Interest - Public Infrastructure</b> Name: Shell UK Location: Hartcliffe Way, Bristol, BS3 5RH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	312	10	358063 170058
212	<b>Points of Interest - Public Infrastructure</b> Name: Hartcliffe Way Service Station Location: Hartcliffe Way, Bristol, BS3 5RH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	312	10	358063 170058
213	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	266	10	358104 168916
214	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	307	10	358092 168869
214	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	369	10	358077 168797
214	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	403	10	358096 168731
214	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	406	10	358118 168708
215	<b>Points of Interest - Public Infrastructure</b> Name: Hartcliffe Way Service Station Location: Hartcliffe Way, Hartcliffe, Bristol, BS3 5RH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NW (N)	312	10	358063 170059
216	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	458	10	357746 169545
217	<b>Points of Interest - Public Infrastructure</b> Name: Broadbury Road Police Station Location: Police Station, Broadbury Road, Bristol, BS4 1JT Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SE (NE)	604	10	359009 169810
218	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	610	10	357595 169416
218	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	641	10	357564 169402

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
219	<b>Points of Interest - Public Infrastructure</b> Name: Esso Location: South Bristol Business Park, Bristol, BS4 1UJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	709	10	359127 168978
219	<b>Points of Interest - Public Infrastructure</b> Name: The Co-operative Stores Location: Bristol Forecourt, Roman Farm Road, Bristol, BS4 1UJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	710	10	359128 168978
219	<b>Points of Interest - Public Infrastructure</b> Name: Somerfield Location: Roman Farm Road, Bristol, BS4 1UJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	710	10	359128 168978
219	<b>Points of Interest - Public Infrastructure</b> Name: Rss Hengrove Way Location: Hengrove Way, Roman Farm Road, Hengrove, South Bristol Business Park, Bristol, BS4 1UJ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	710	10	359128 168981
220	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	873	10	357347 169240
220	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: BS13 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	941	10	357296 169153
221	<b>Points of Interest - Public Infrastructure</b> Name: P H Waste Management Location: Unit 18-19 Bakers Park 11, Cater Road, Bristol, BS13 7TT Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7NW (SW)	911	10	357440 168759
222	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Nr Novers Park Drive, BS4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18NE (N)	125	10	358528 169917
222	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	130	10	358534 169912
223	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Nr Downton Road, BS4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19NW (N)	358	10	358696 170156
224	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	454	10	357857 168946
224	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Headley Lane, BS13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12SE (SW)	468	10	357844 168941

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
225	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Blackthorn Close, BS13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	753	10	358579 168299
225	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	755	10	358579 168297
226	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Stillingfleet Road, BS13 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	865	10	358223 168174
226	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	866	10	358213 168175

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	<b>Areas of Adopted Green Belt</b> Authority: Bristol City Council Plan Name: Core Strategy <b>Status: Adopted</b> Plan Date: 21st June 2011	A17NW (NW)	940	6	357387 170168



Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Bristol City Council - Environmental Health Department Bath and North East Somerset Council - Environmental Health Department North Somerset Council - Environmental Health Department	March 2014 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - South West Region	April 2019	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - South West Region	March 2013	Annual Rolling Update
<b>Integrated Pollution Controls</b> Environment Agency - South West Region	October 2008	Variable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - South West Region	April 2019	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Bath and North East Somerset Council - Environmental Health Department Bristol City Council - Environmental Health Department North Somerset Council - Environmental Health Department	February 2015 February 2015 September 2013	Variable Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Bath and North East Somerset Council - Environmental Health Department Bristol City Council - Environmental Health Department North Somerset Council - Environmental Health Department	February 2015 February 2015 March 2015	Not Applicable Not Applicable Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Bath and North East Somerset Council - Environmental Health Department Bristol City Council - Environmental Health Department North Somerset Council - Environmental Health Department	February 2015 February 2015 September 2013	Variable Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	January 2019	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - South West Region	September 1999	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - South West Region	March 2013	Annual Rolling Update
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - South West Region	March 2013	Annual Rolling Update
<b>Registered Radioactive Substances</b> Environment Agency - South West Region	June 2016	
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	April 2019 April 2019	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - South West Region	July 2019	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - South West Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	Annually
<b>Groundwater Vulnerability - Soluble Rock Risk</b> Environment Agency - Head Office	June 2018	Annually

Agency & Hydrological	Version	Update Cycle
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	July 2019	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	May 2019	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	May 2019	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	May 2019	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	May 2019	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	May 2019	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	April 2019	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	July 2019	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - South West Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	July 2018 July 2018	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	April 2019 April 2019	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Bath and North East Somerset Council - Planning Services Department Bristol City Council North Somerset Council	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Bath and North East Somerset Council - Planning Services Department Bristol City Council North Somerset Council	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	March 2003 March 2003	Not Applicable Not Applicable
Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Bristol City Council - Planning Department Bath and North East Somerset Council - Economic and Environmental Development North Somerset Council	April 2015 February 2016 February 2016	Variable Variable Variable
<b>Planning Hazardous Substance Consents</b> Bristol City Council - Planning Department Bath and North East Somerset Council - Economic and Environmental Development North Somerset Council	April 2015 February 2016 February 2016	Variable Variable Variable

Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	April 2019	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	April 2019	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	May 2019	Quarterly
<b>Gas Pipelines</b> National Grid	July 2014	
<b>Points of Interest - Commercial Services</b> PointX	July 2019	Quarterly
<b>Points of Interest - Education and Health</b> PointX	July 2019	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	July 2019	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	July 2019	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	July 2019	Quarterly
<b>Underground Electrical Cables</b> National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	August 2018	Bi-Annually
<b>Areas of Adopted Green Belt</b> Bath and North East Somerset Council Bristol City Council North Somerset Council	March 2019 March 2019 March 2019	As notified As notified As notified
<b>Areas of Unadopted Green Belt</b> Bath and North East Somerset Council Bristol City Council North Somerset Council	March 2019 March 2019 March 2019	As notified As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	June 2019	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	March 2019	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Parks</b> Natural England	April 2017	Bi-Annually
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
<b>Ramsar Sites</b> Natural England	April 2019	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	March 2019	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	June 2019	Bi-Annually
<b>Special Protection Areas</b> Natural England	April 2019	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <b>British Geological Survey</b> NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> 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	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Bristol City Council - Environmental Health Department</b> Brunel House, St Georges Road, Bristol, Avon, BS1 5UY	Telephone: 0117 922 2500
4	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	<b>Bristol City Council</b> The Council House, College Green, Bristol, Avon, BS1 5TR	Telephone: 0117 922 2000 Fax: 0117 922 3886 Website: www.bristol-city.gov.uk
7	<b>Bristol City Council - Planning Department</b> Brunel House, St Georges Road, Bristol, Avon, BS1 5UY	Telephone: 0117 922 2000 Fax: 0117 922 3861
8	<b>The Coal Authority - Property Searches</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
9	<b>Peter Brett Associates</b> 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
10	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
11	<b>North Somerset Council</b> PO Box 140, Town Hall, Weston-super-Mare, Avon, BS23 1UJ	Telephone: 01934 888888 Fax: 01934 888822 Website: www.n-somerset.gov.uk
12	<b>Bath and North East Somerset Council</b> Guildhall, High Street, Bath, BA1 5AW	Telephone: 01225 477000 Fax: 01225 477489 Website: www.bathnes.gov.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



357000 357500 358000 358500 359000 359500

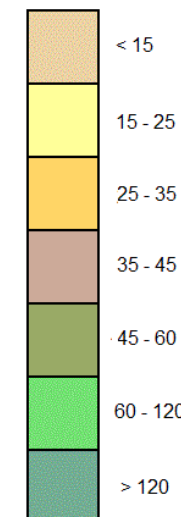


## General

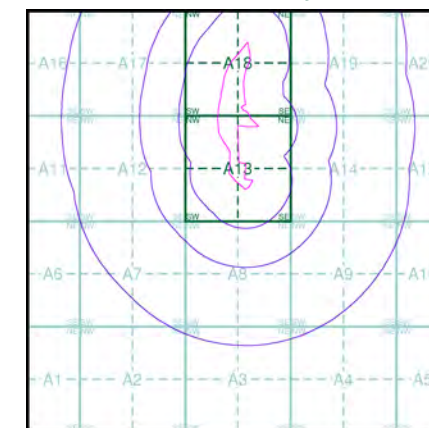
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



## Estimated Soil Chemistry Arsenic - Slice A



## Order Details

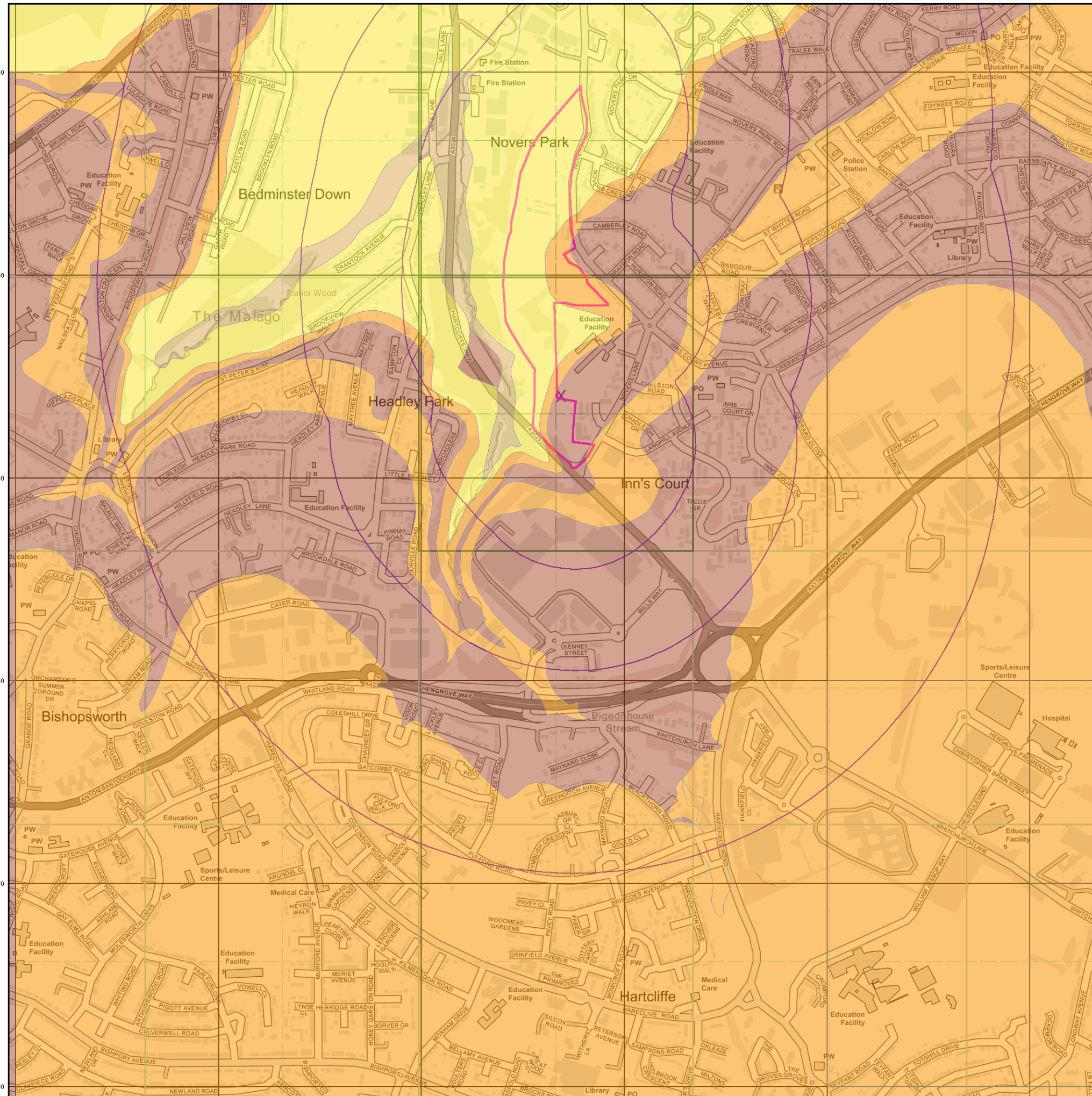
Order Details: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





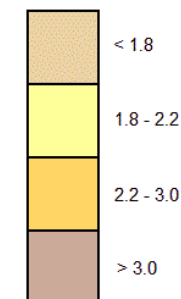


## General

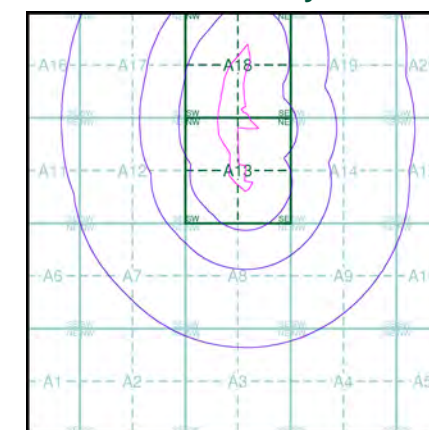
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



## Estimated Soil Chemistry Cadmium - Slice A



## Order Details

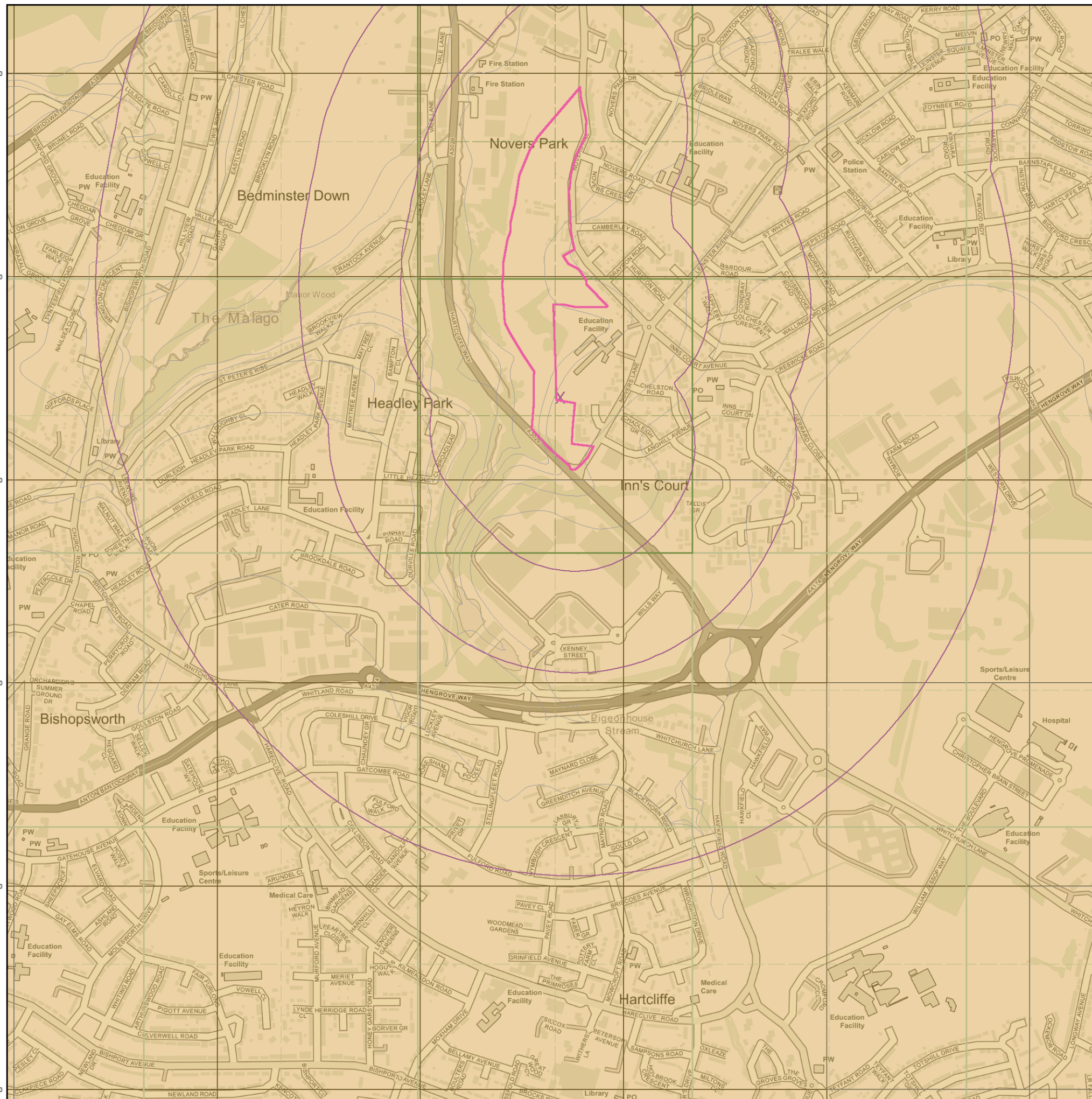
Order Details: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





357000 357500 358000 358500 359000 359500

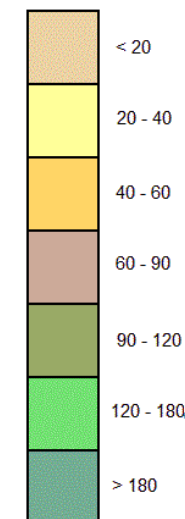


## General

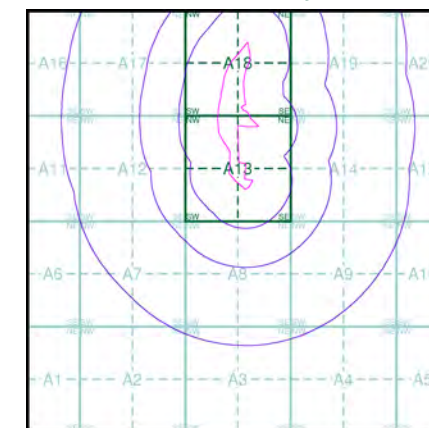
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



## Estimated Soil Chemistry Chromium - Slice A



## Order Details

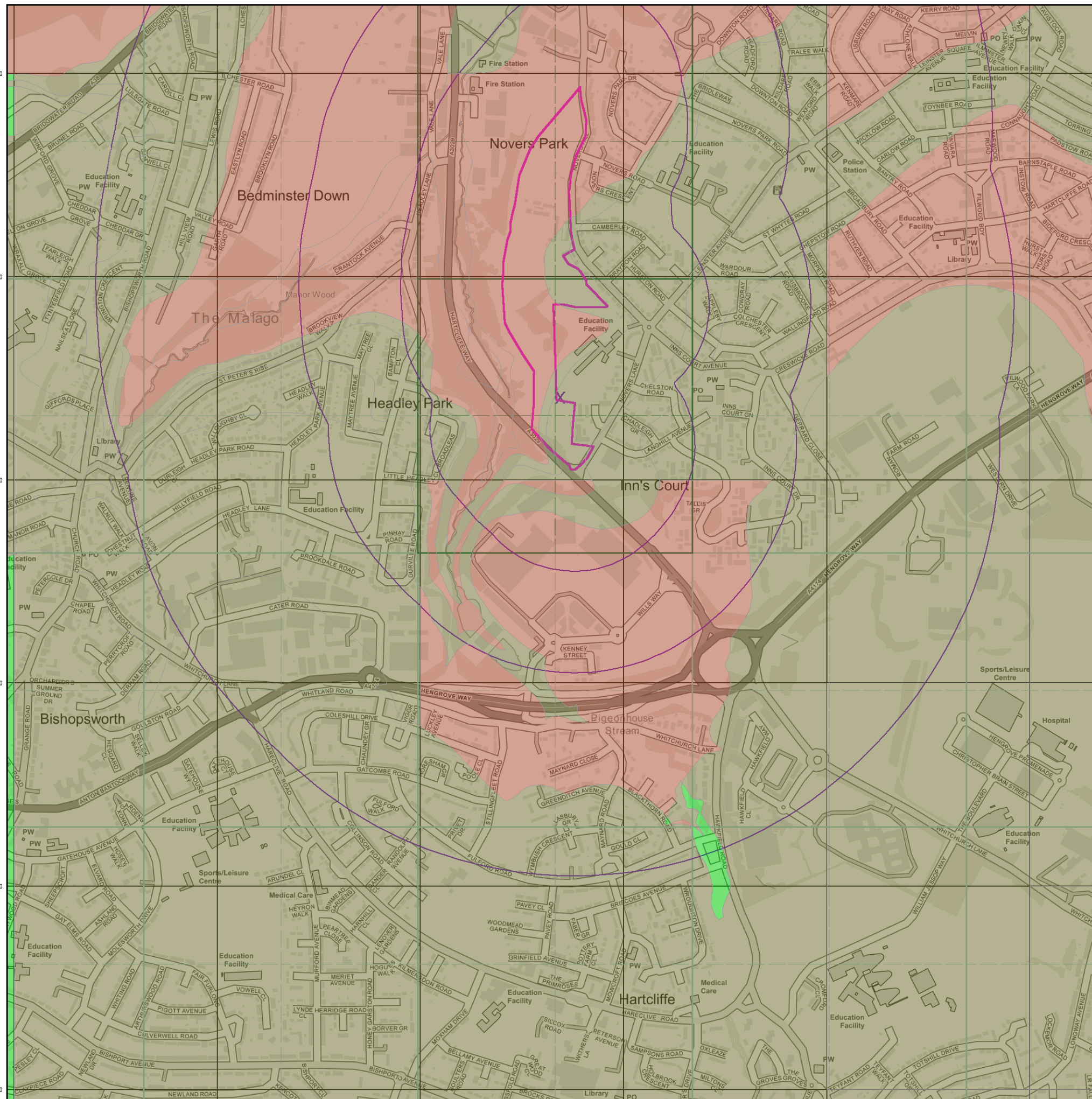
Order Details: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





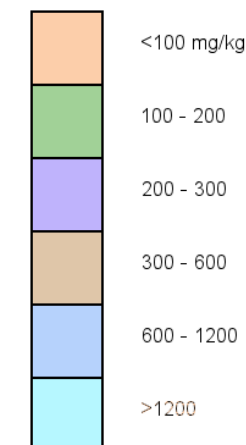


## General

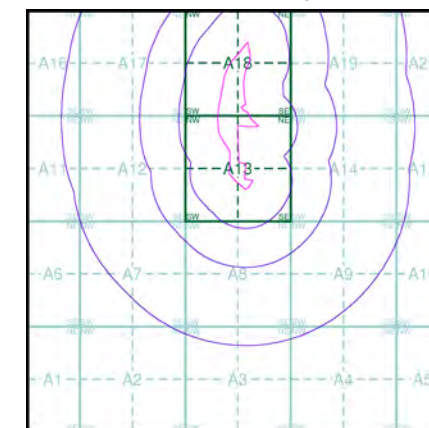
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



## Estimated Soil Chemistry Lead - Slice A



## Order Details

Order Details: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



357000 357500 358000 358500 359000 359500

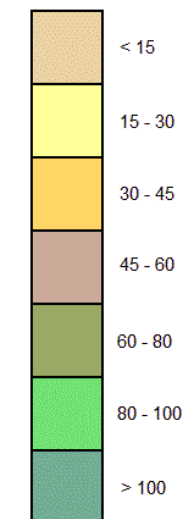


## General

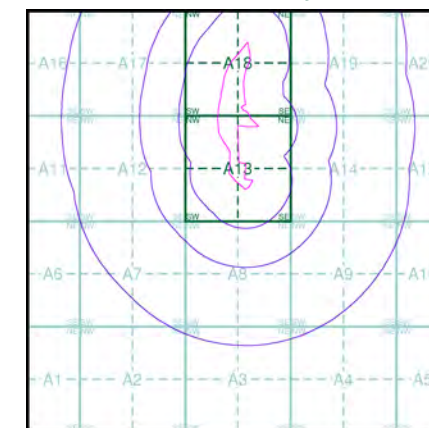
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



## Estimated Soil Chemistry Nickel - Slice A



## Order Details

Order Details: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



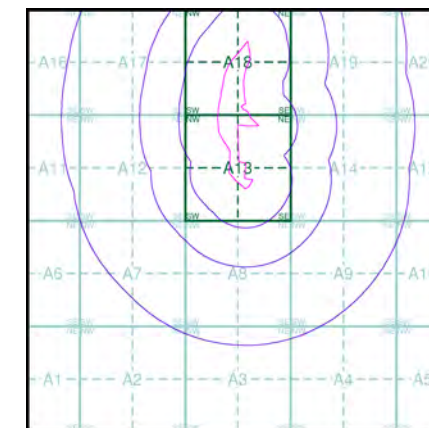
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk





- 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
  - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
  - 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: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



357000 357500 358000 358500 359000 359500



## Industrial Land Use Map

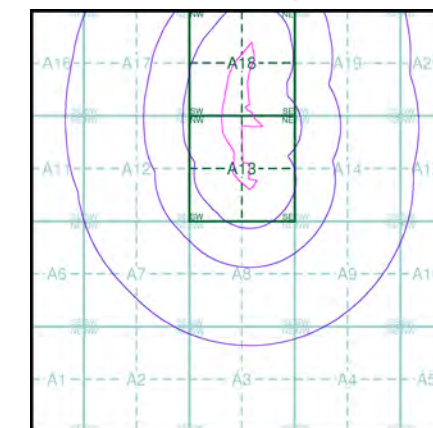
### General

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

### Industrial Land Use

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

## Industrial Land Use Map - Slice A



### Order Details

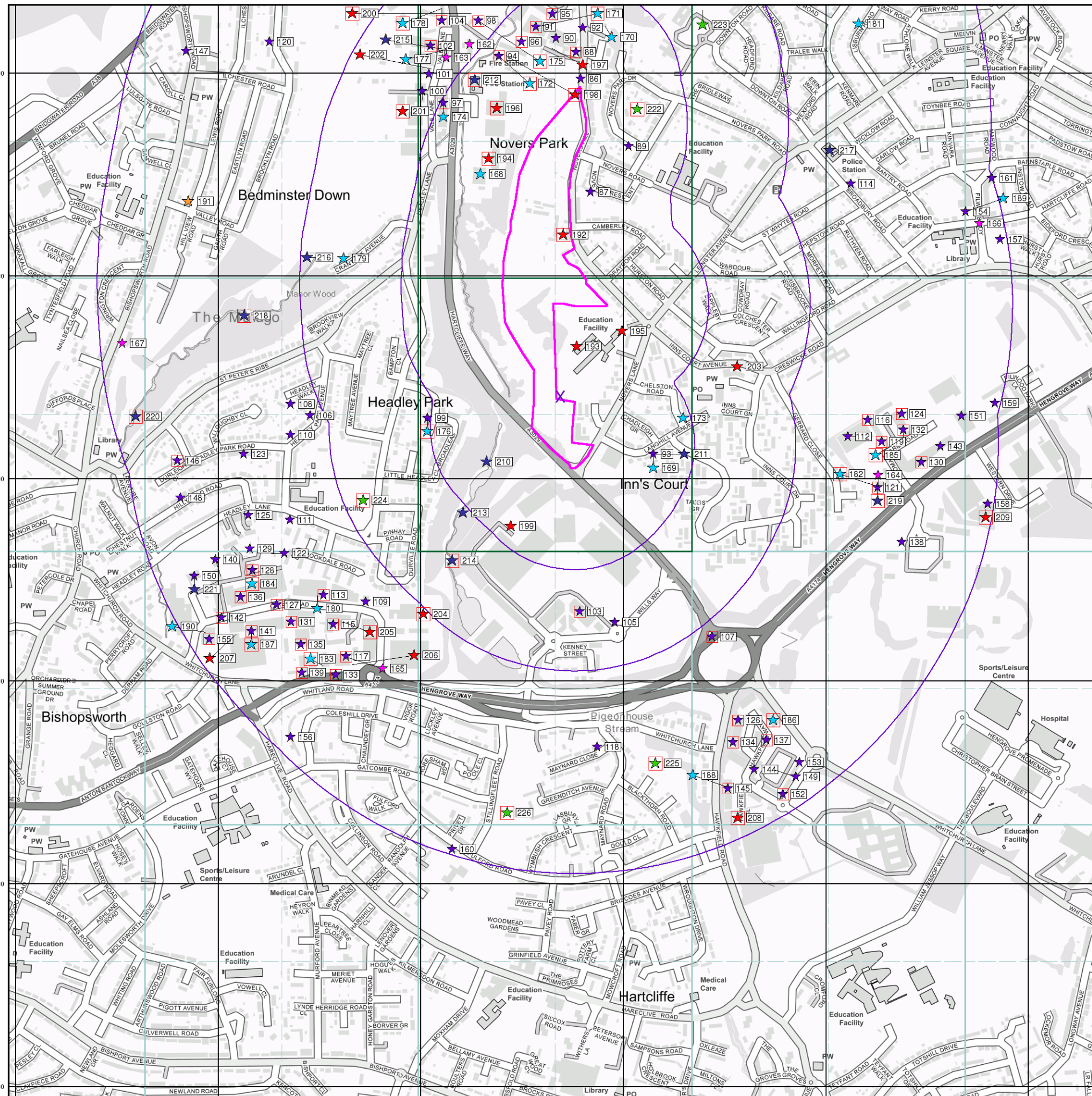
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







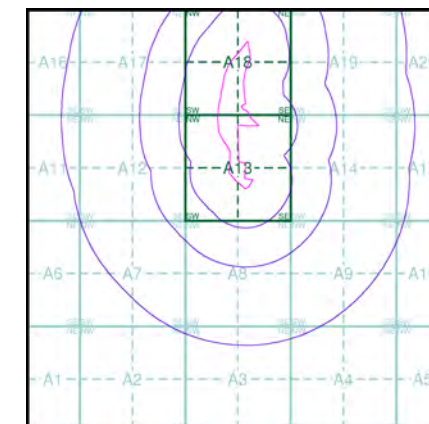
### General

- 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

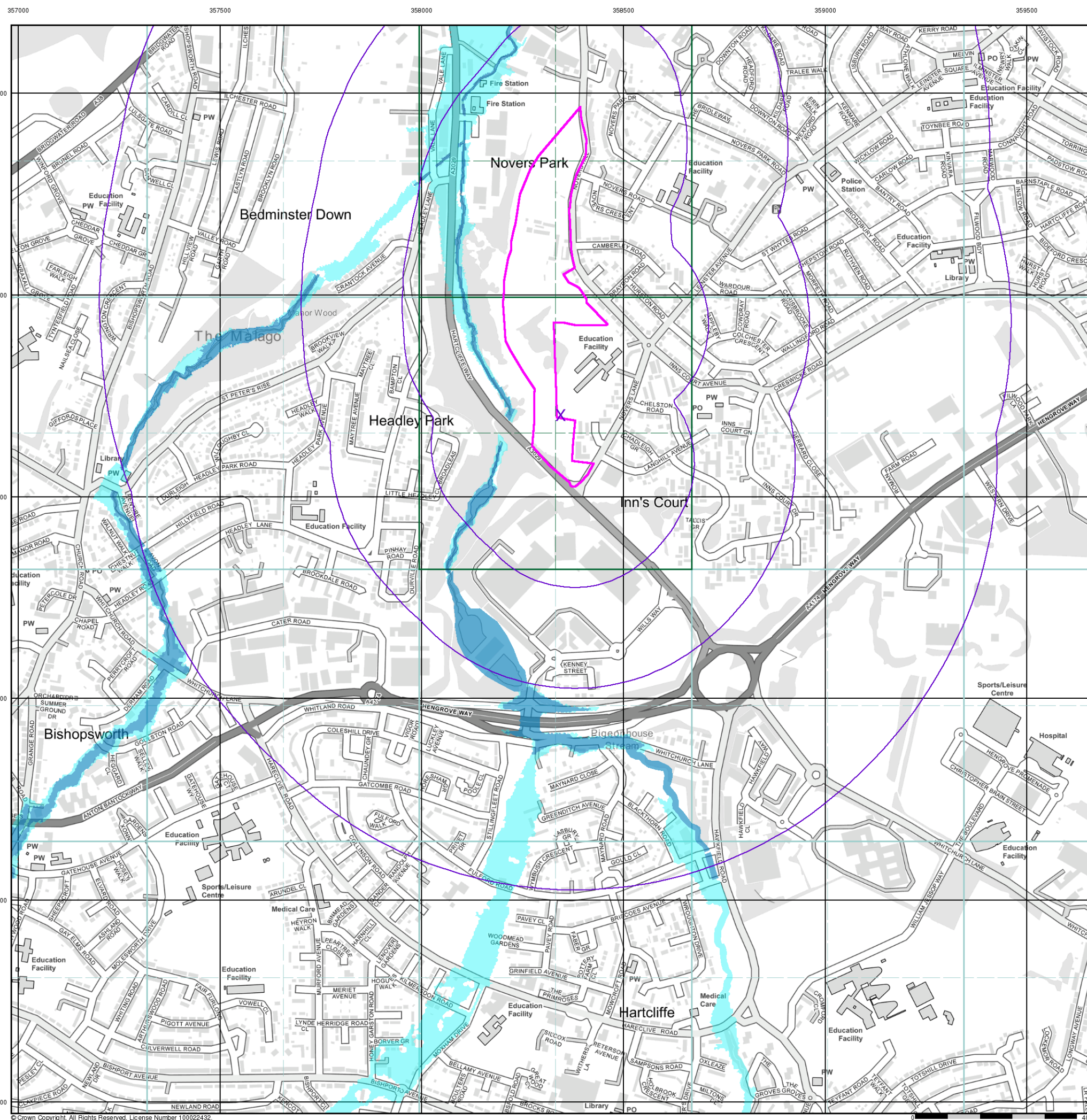
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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

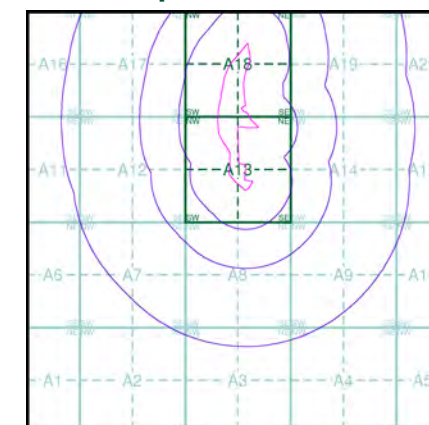
## Agency and Hydrological (Boreholes)

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

## Borehole Map - Slice A



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





### General

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

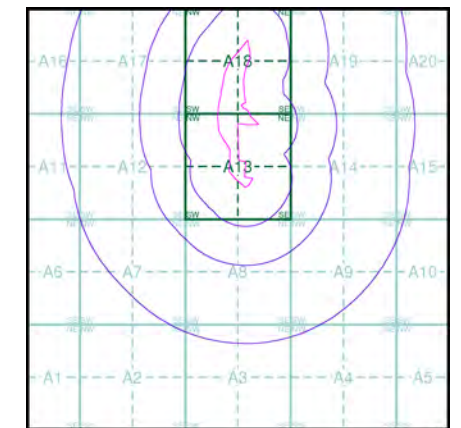
### OS Water Network Data

- |              |                         |
|--------------|-------------------------|
| 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 A



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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

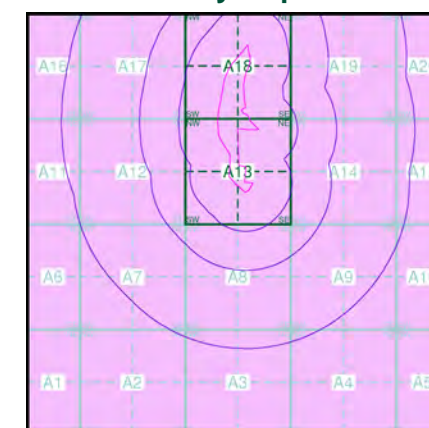
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

### 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 A



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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 Types at Location
- Pylon
- Overhead Transmission Line

## Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- 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 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 (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

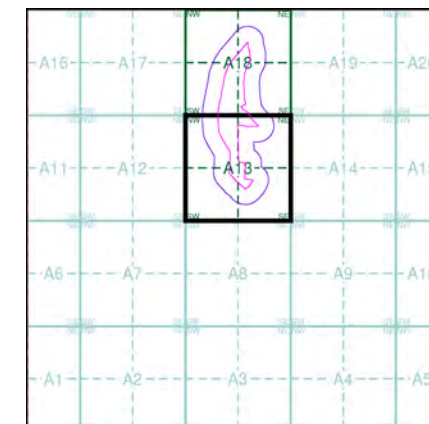
## Hazardous Substances

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

## Geological

- BGS Recorded Mineral Site

## Site Sensitivity Map - Segment A13



## Order Details

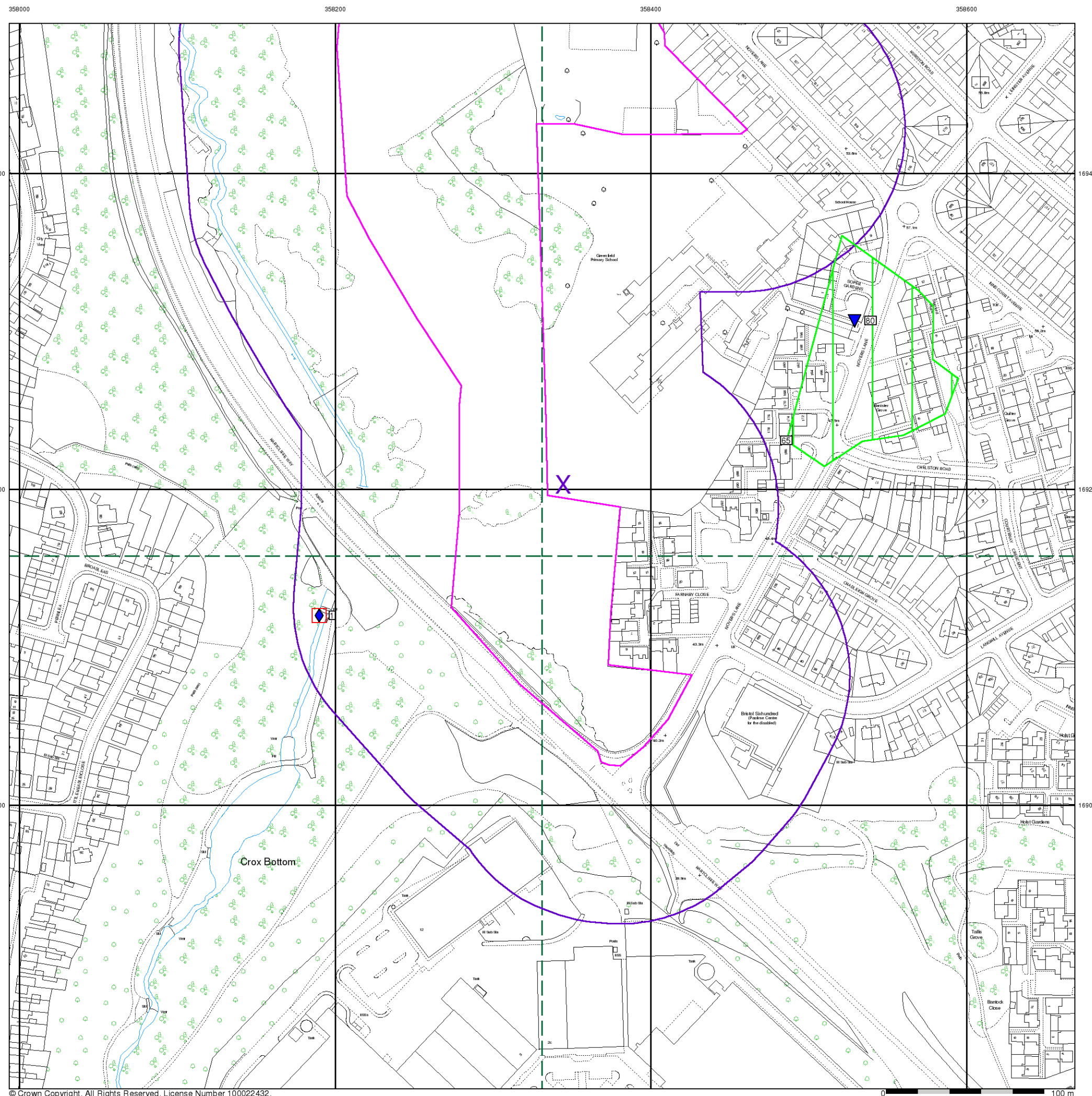
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Plot Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



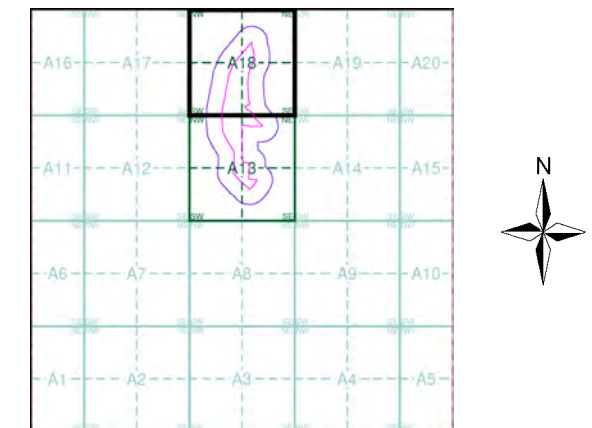




## General

- |  |   |  |  |
|--|---|--|--|
|  Specified Site   |  Specified Buffer(s) |  Bearing Reference Point                                  |  Map ID |
|  Several of Type at Location                                  |  Pylon               |  Overhead Transmission Line                               |  |
| <h2>Aquatic and Hydrological</h2>  |   | <h2>Waste</h2>   |  |
|  Contaminated Land Register Entry or Notice (Location)        |   |  BGS Recorded Landfill Site (Location)                    |  |
|  Contaminated Land Register Entry or Notice (Location)        |   |  BGS Recorded Landfill Site                               |  |
|  Discharge Consent  |   |  EA Historic Landfill (Buffered Point)                    |  |
|  Enforcement or Prohibition Notice                            |   |  EA Historic Landfill (Polygon)                           |  |
|  Integrated Pollution Control                                 |   |  Integrated Pollution Control Registered Waste Site       |  |
|  Integrated Pollution Prevention Control                      |   |  Licensed Waste Management Facility (Landfill Boundary)   |  |
|  Local Authority Integrated Pollution Prevention and Control  |   |  Licensed Waste Management Facility (Location)            |  |
|  Local Authority Pollution Prevention and Control             |   |  Local Authority Recorded Landfill Site (Location)        |  |
|  Local Authority Pollution Prevention and Control Enforcement |   |  Local Authority Recorded Landfill Site                   |  |
|  Pollution Incident to Controlled Waters                      |   |  Potentially Infilled Land (Non-water)                    |  |
|  Prosecution Relating to Authorised Processes                 |   |  Potentially Infilled Land (Non-water)                    |  |
|  Prosecution Relating to Controlled Waters                    |   |  Potentially Infilled Land (Non-water)                    |  |
|  Registered Radioactive Substance                             |   |  Potentially Infilled Land (Water)                        |  |
|  River Network or Water Feature                               |   |  Potentially Infilled Land (Water)                        |  |
|  River Quality Sampling Point                                 |   |  Potentially Infilled Land (Water)                        |  |
|  Substantiated Pollution Incident Register                    |   |  Registered Landfill Site                                 |  |
|  Water Abstraction  |   |  Registered Landfill Site (Location)                      |  |
|  Water Industry Act Referral                                  |   |  Registered Landfill Site (Point Buffered to 100m)        |  |
| <h2>Hazardous Substances</h2>  |   |  Registered Landfill Site (Point Buffered to 250m)        |  |
|  COMAH Site   |  Explosive Site      |  Registered Waste Transfer Site (Location)               |  |
|  NIHS Site   |   |  Registered Waste Transfer Site                         |  |
|  Planning Hazardous Substance Consent                       |   |  Registered Waste Treatment or Disposal Site (Location) |  |
|  Planning Hazardous Substance Enforcement                   |   |  Registered Waste Treatment or Disposal Site            |  |
| <h2>Geological</h2>  |   |  |  |
|  BGS Recorded Mineral Site                                  |   |  |  |

## Site Sensitivity Map - Segment A18



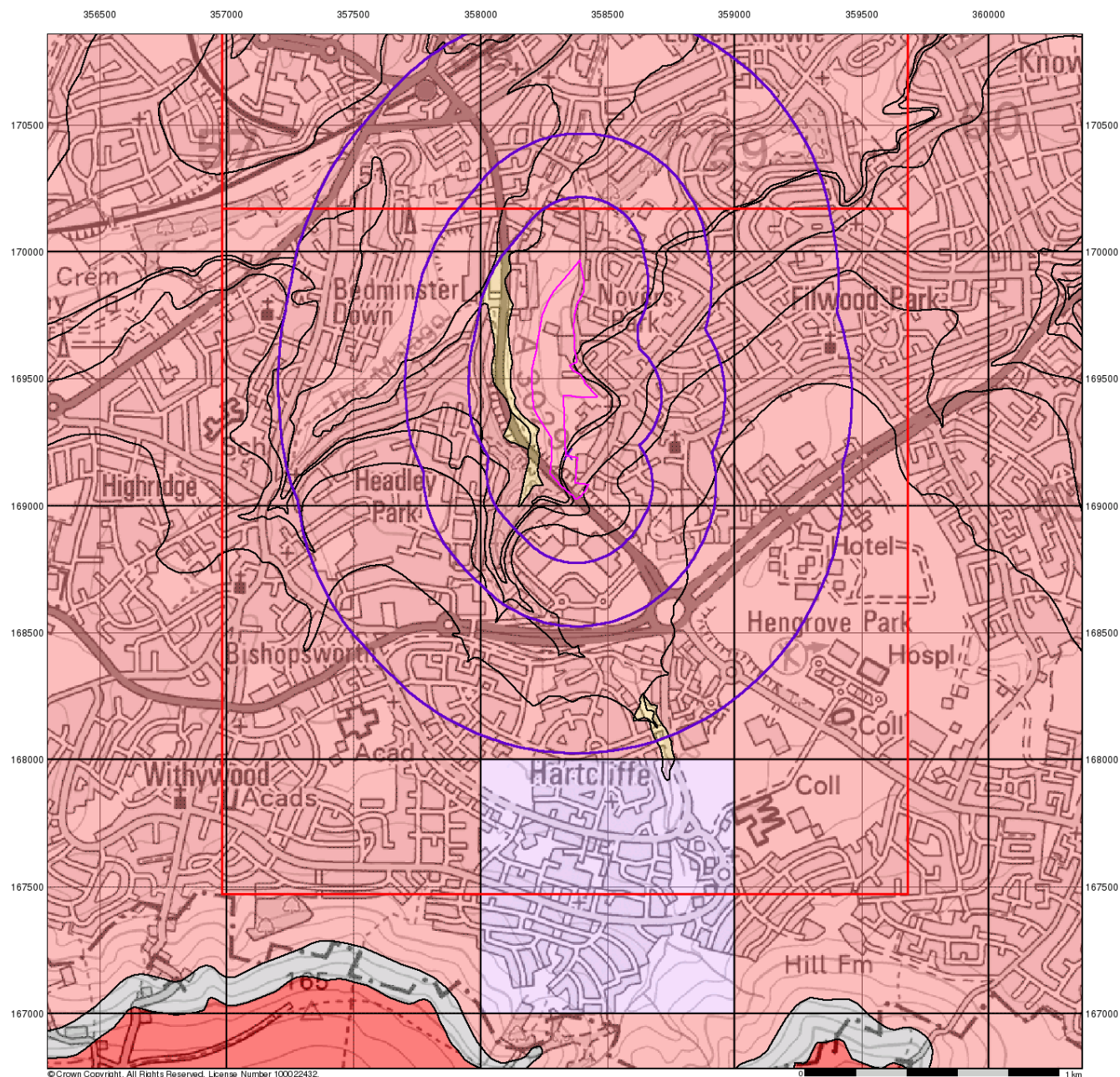
## Order Details

Order Number:	213470193_1_1
Customer Ref:	60601667_Novers Hill
National Grid Reference:	358340, 169200
Slice:	A
Site Area (Ha):	10.65
Plot Buffer (m):	100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU





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



## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Bedrock Aquifers

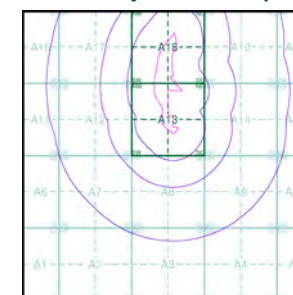
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

#### Superficial Aquifers

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

- Unproductive Aquifer
- Soluble Rock

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

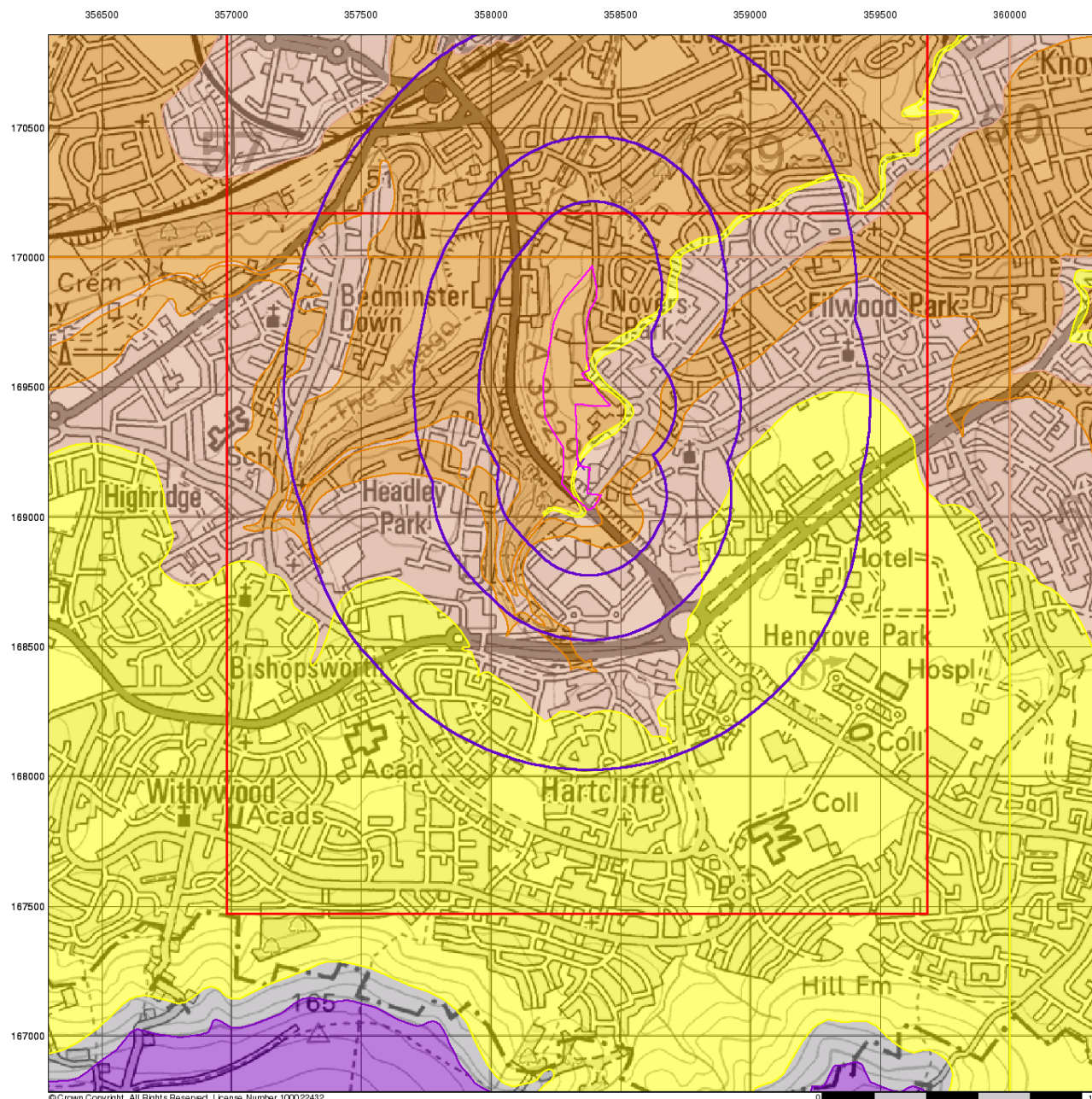
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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

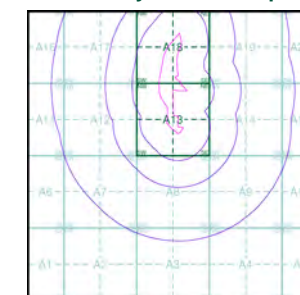
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

### 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: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

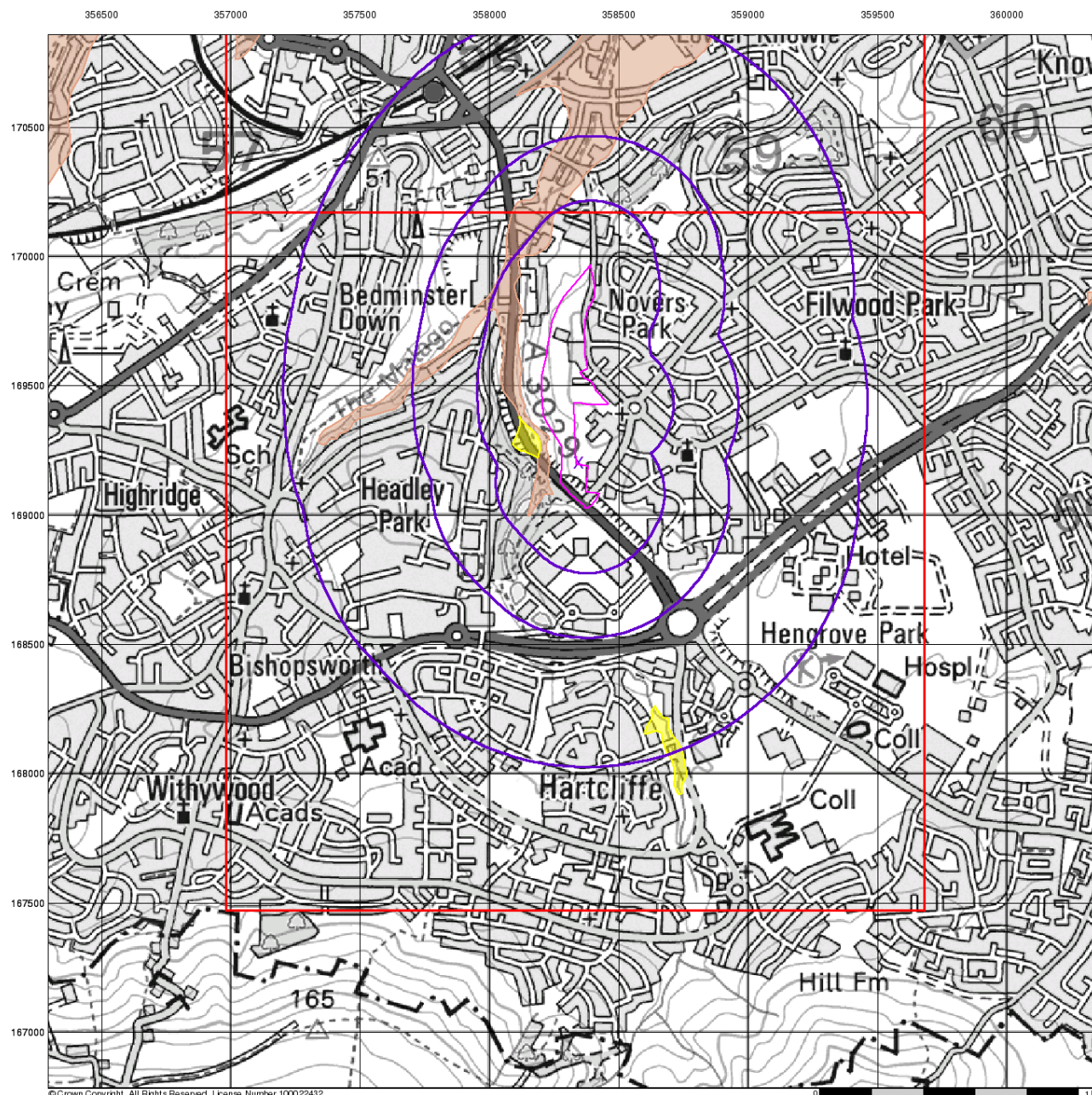
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





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



## Superficial Aquifer Designation

### General

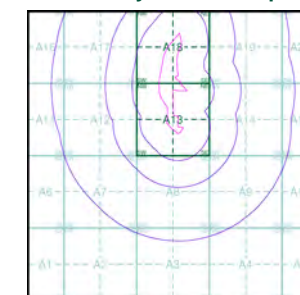
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

### 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: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

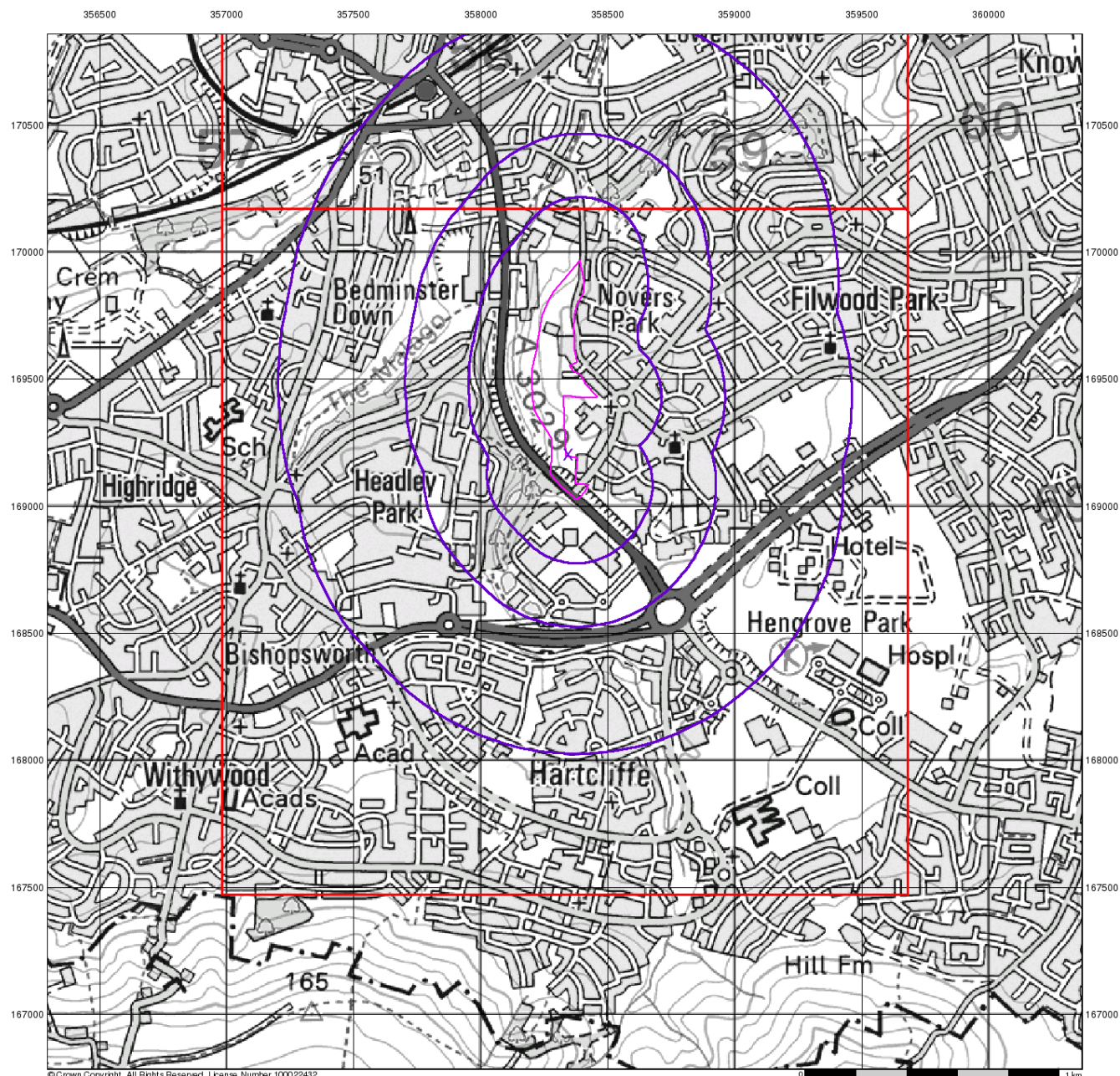
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





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



## Source Protection Zones

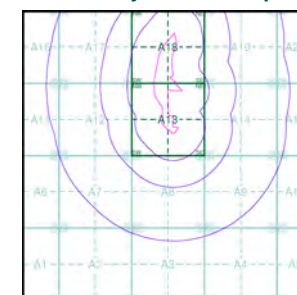
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

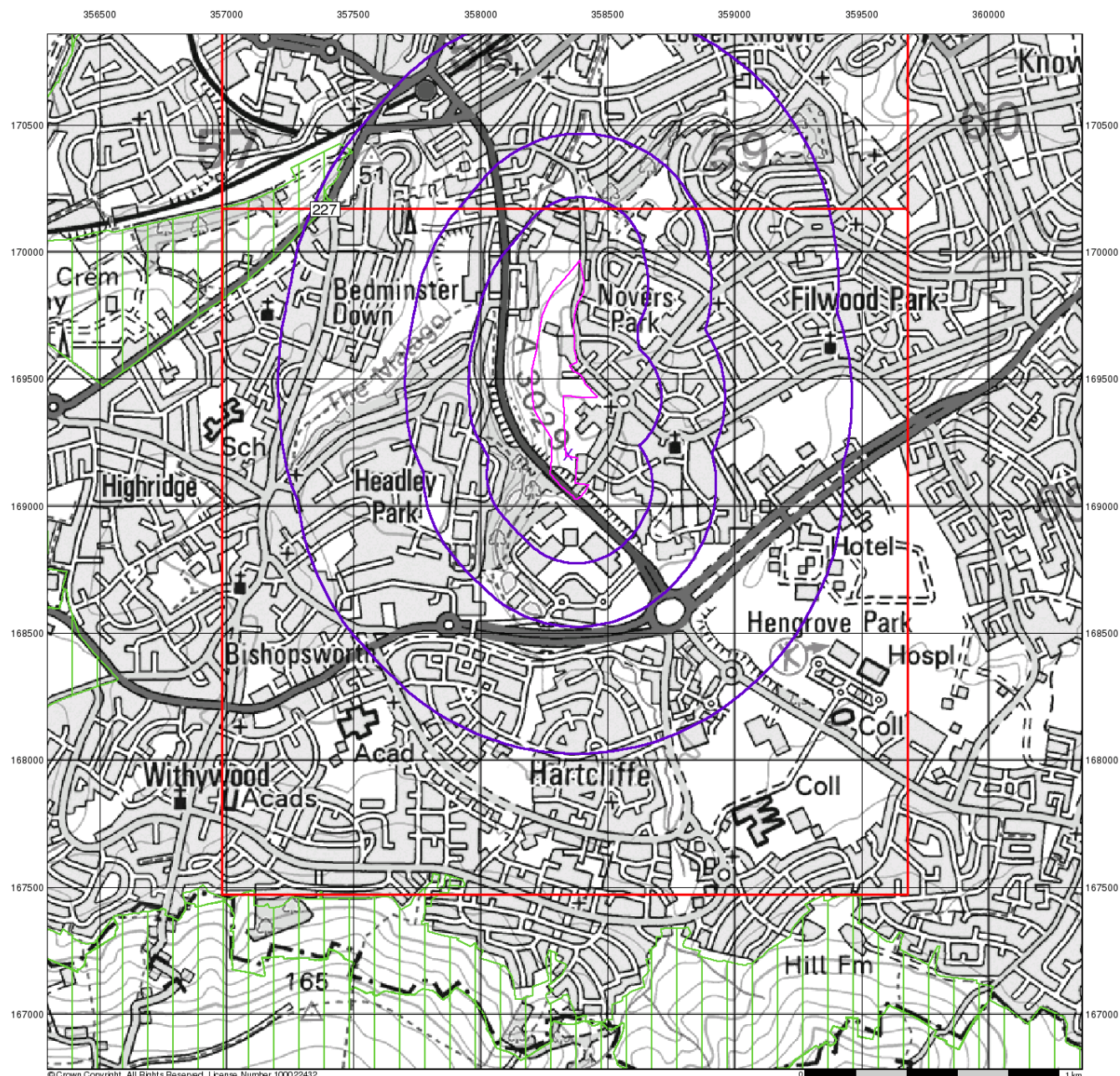
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





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



## Sensitive Land Uses

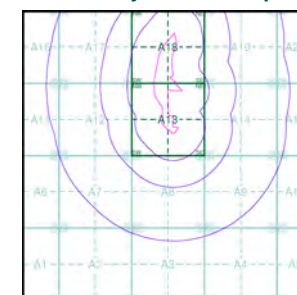
### General

- 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: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

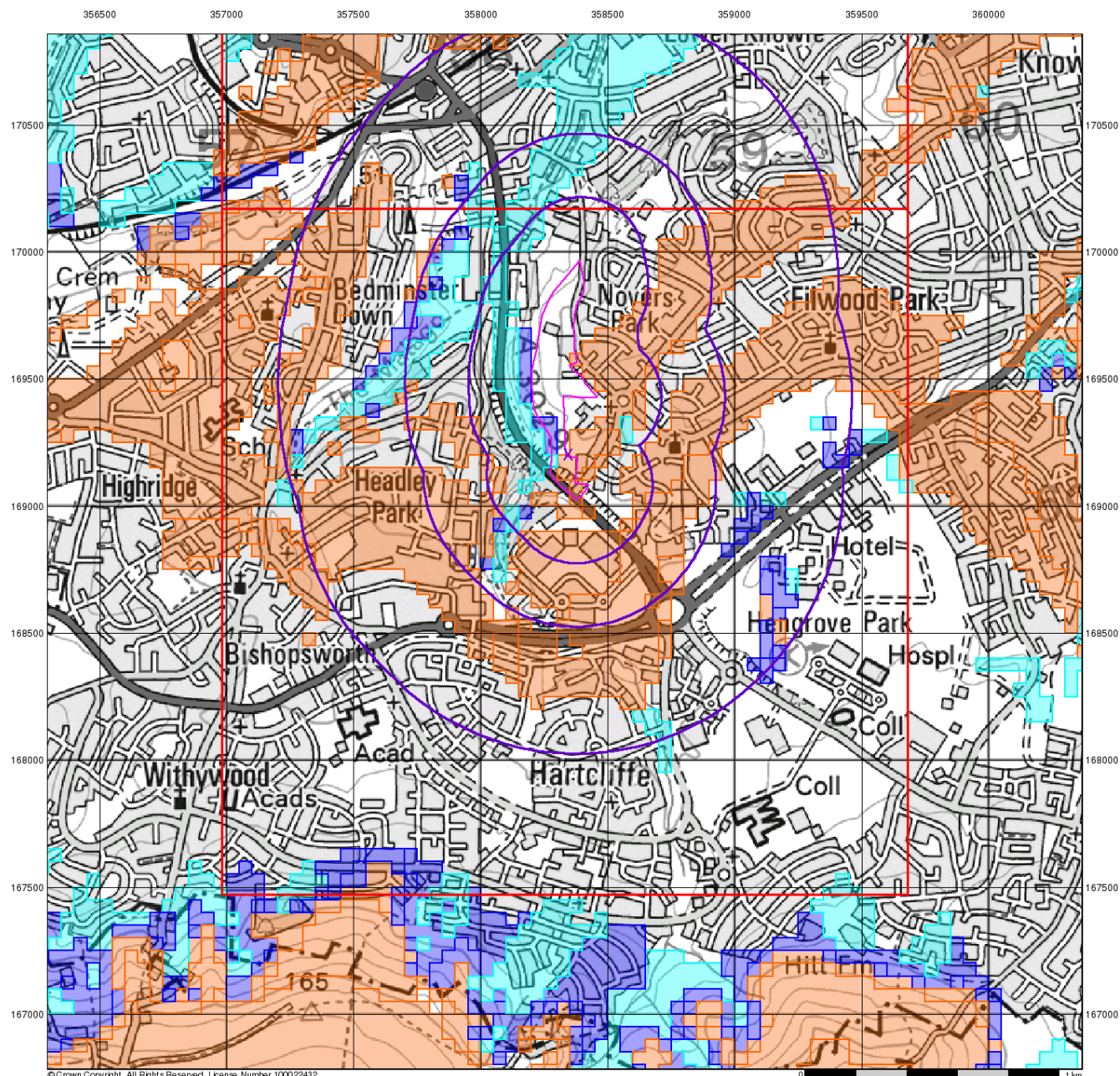
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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

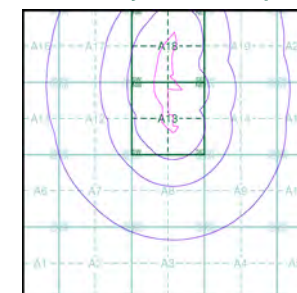
### General

- ◆ Specified Site
- Specified Buffer(s)
- X 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: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

## Geology 1:50,000 Maps Legends

### Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	INO	Inferior Oolite Group	Limestone	Not Supplied - Aalenian
	WHM	Whitby Mudstone Formation	Mudstone	Not Supplied - Toarcian
	CHAM	Charmouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian
	RLS	Rugby Limestone Member	Limestone and Mudstone, Interbedded	Not Supplied - Hettangian
	LPMB	Langport Member	Limestone	Not Supplied - Rhaetian
	WCT	Wilmcote Limestone Member	Limestone and Mudstone, Interbedded	Not Supplied - Rhaetian
	WBCT	Westbury Formation and Cotham Member (Undifferentiated)	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian
	SASH	Saltford Shale Member	Mudstone	Not Supplied - Rhaetian
	BAN	Blue Anchor Formation	Mudstone	Not Supplied - Norian
	MMG	Mercia Mudstone Group	Mudstone and Halite-stone	Not Supplied - Early Triassic

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	RESA	REDCLIFFE SANDSTONE MEMBER	Sandstone	Not Supplied - Triassic
	PES	Pennant Sandstone Formation	Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		



### Geology 1:50,000 Maps

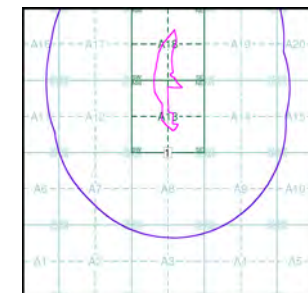
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

### Geology 1:50,000 Maps Coverage

Map ID: 1  
Map Sheet No: 264  
Map Name: Bristol  
Map Date: 2004  
Bedrock Geology: Available  
Superficial Geology: Available  
Artificial Geology: Available  
Faults: Not Supplied  
Landslip: Available  
Rock Segments: Not Supplied

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



### Order Details:

Order Number: 213470193\_1\_1  
Customer Reference: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details:

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU

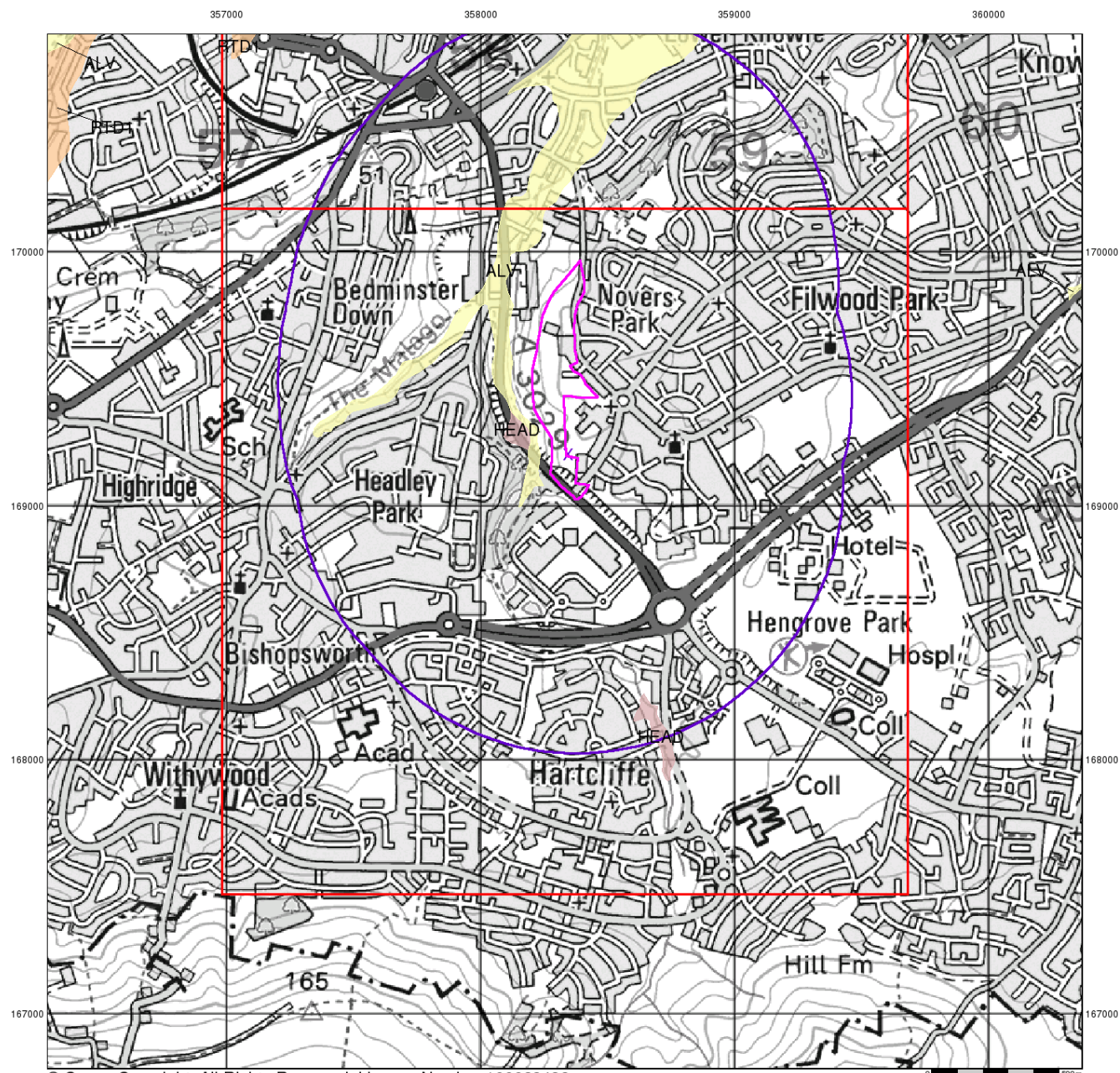
**Landmark**  
INFORMATION GROUP

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









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



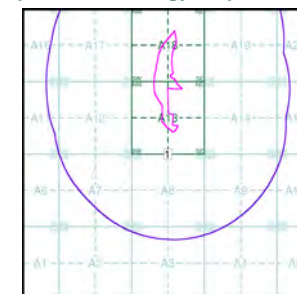
### Superficial Geology

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

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

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

### Superficial Geology Map - Slice A



### Order Details:

Order Number: 213470193\_1\_1  
 Customer Reference: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

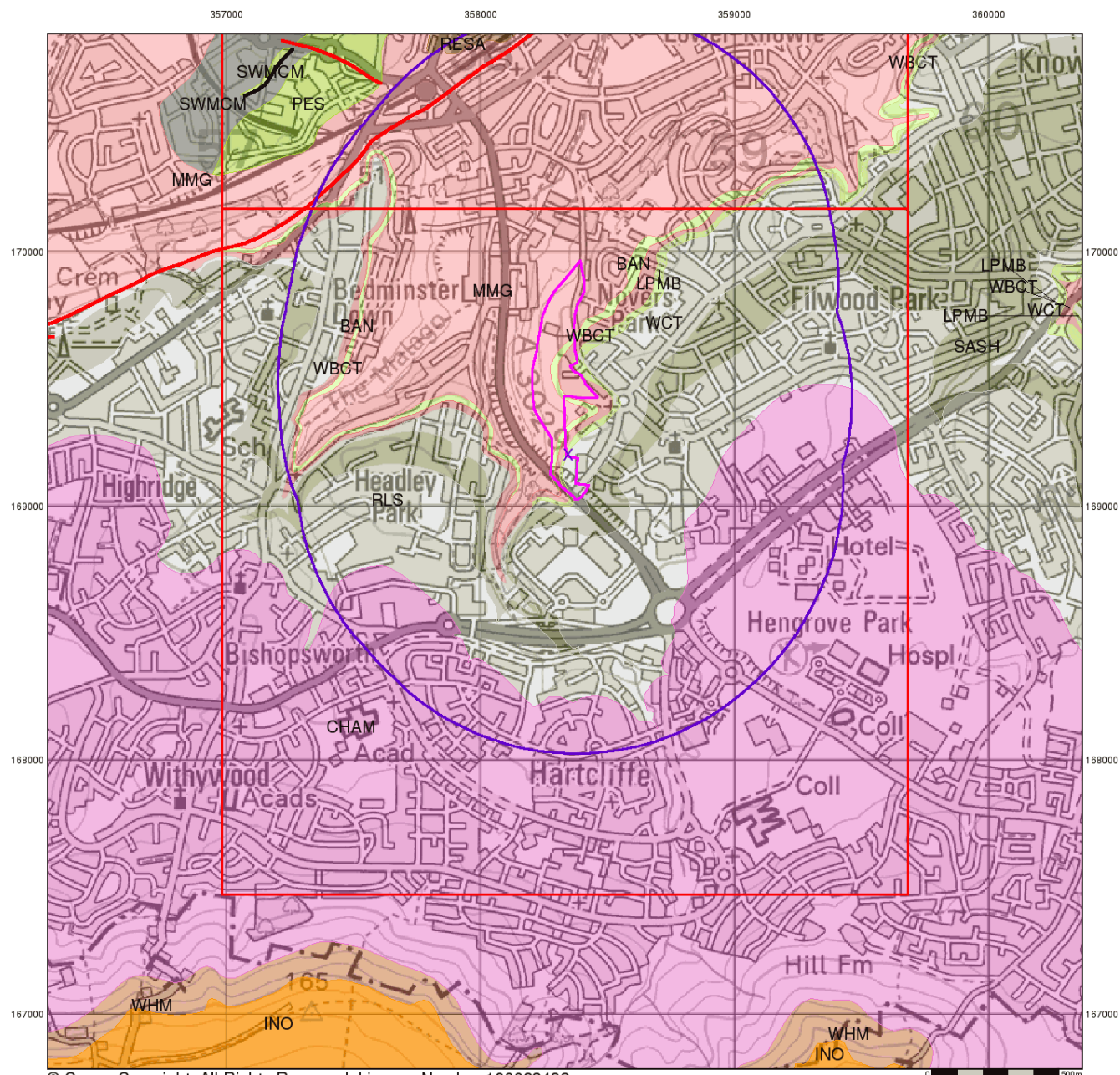
### Site Details:

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





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



## Bedrock and Faults

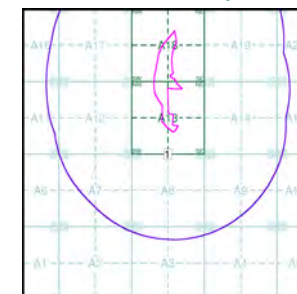
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

## Bedrock and Faults Map - Slice A



## Order Details:

Order Number: 213470193\_1\_1  
Customer Reference: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details:

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	•285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

## Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

## 1:10,000 Raster Mapping

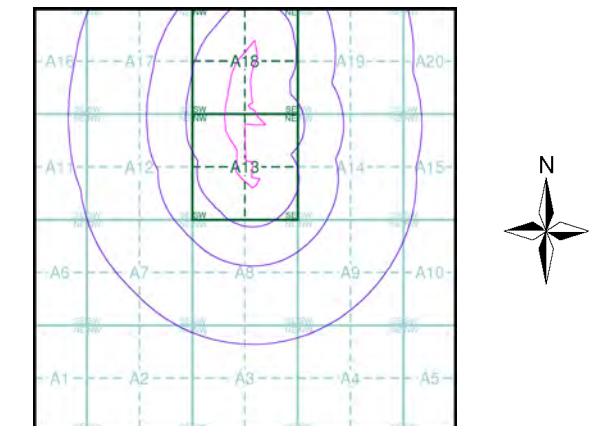
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1884	3
Gloucestershire	1:10,560	1887	4
Gloucestershire	1:10,560	1904 - 1905	5
Somerset	1:10,560	1904	6
Gloucestershire	1:10,560	1920 - 1921	7
Somerset	1:10,560	1921	8
Somerset	1:10,560	1932	9
Gloucestershire	1:10,560	1938	10
Somerset	1:10,560	1938	11
Somerset	1:10,560	1938	12
Gloucestershire	1:10,560	1938	13
Gloucestershire	1:10,560	1946	14
Ordnance Survey Plan	1:10,000	1955	15
Bristol	1:10,000	1972	16
Ordnance Survey Plan	1:10,000	1976 - 1977	17
Ordnance Survey Plan	1:10,000	1991	18
10K Raster Mapping	1:10,000	1999	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2019	21

## Historical Map - Slice A



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



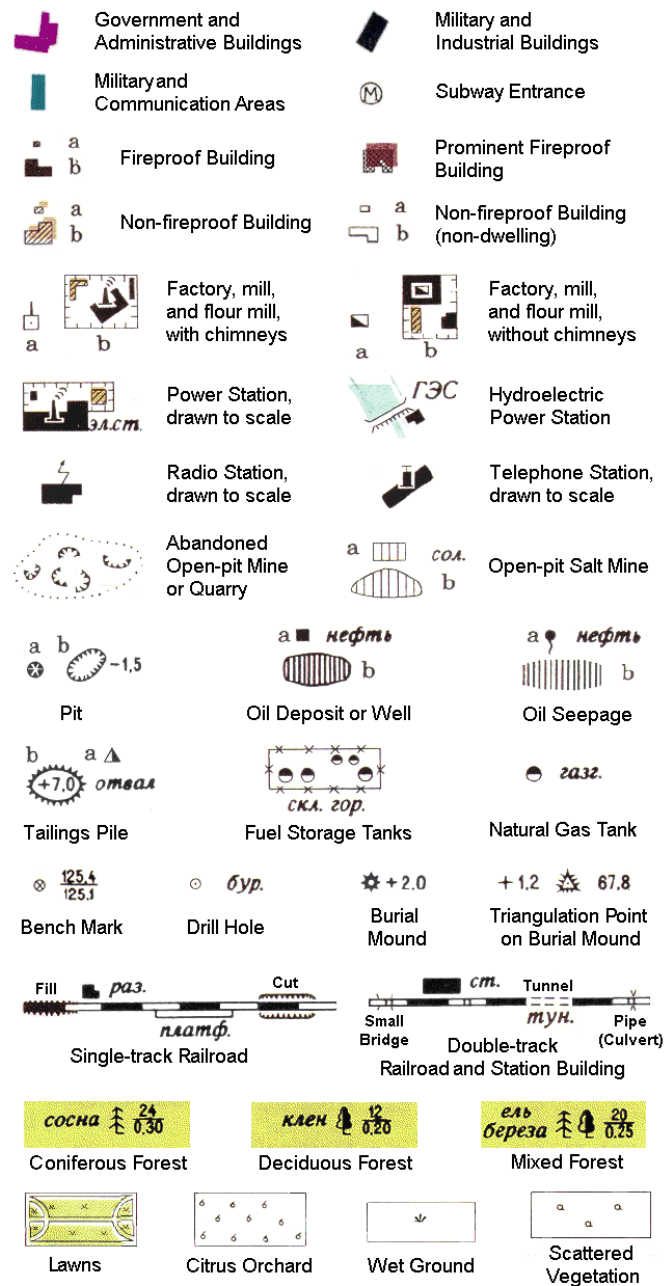
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



# Russian Military Mapping Legends

## 1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale



**243.8** Values for prominent elevations

**186.0** Numbers for spot elevations, depth soundings, contour lines, etc.

**0.2** Velocity of the current, width of river bed, depth of river

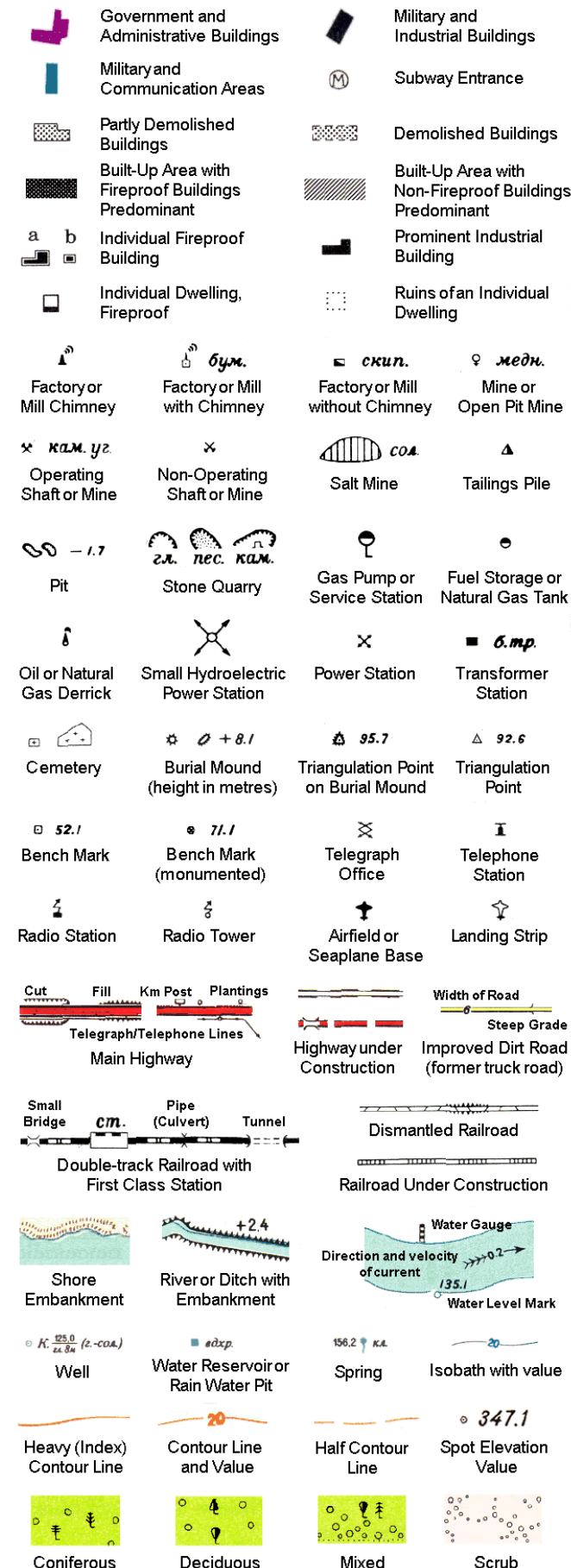
**180/12** Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

**Russian Alphabet** (For reference and phonetic interpretation of map text)

<b>А а (A)</b>	<b>З з (Z)</b>	<b>П п (P)</b>	<b>Ч ч (CH)</b>
<b>Б б (B)</b>	<b>И и (I)</b>	<b>Р р (R)</b>	<b>Ш ш (SH)</b>
<b>В в (V)</b>	<b>Й й (Y)</b>	<b>С с (S)</b>	<b>Щ щ (SHCH)</b>
<b>Г г (G)</b>	<b>К к (K)</b>	<b>Т т (T)</b>	<b>Ъ (-)</b>
<b>Д д (D)</b>	<b>Л л (L)</b>	<b>У у (U)</b>	<b>Ы (Y)</b>
<b>Е е (E)</b>	<b>М м (M)</b>	<b>Ф ф (F)</b>	<b>Ь (')</b>
<b>Ё ё (YO)</b>	<b>Н н (N)</b>	<b>Х х (KH)</b>	<b>Э э (E)</b>
<b>Ж ж (ZH)</b>	<b>О о (O)</b>	<b>Ц ц (TS)</b>	<b>Ю ю (YU or IU)</b>
			<b>Я я (YA or IA)</b>

## 1:25,000 mapping

a. Not drawn to scale b. Drawn to scale



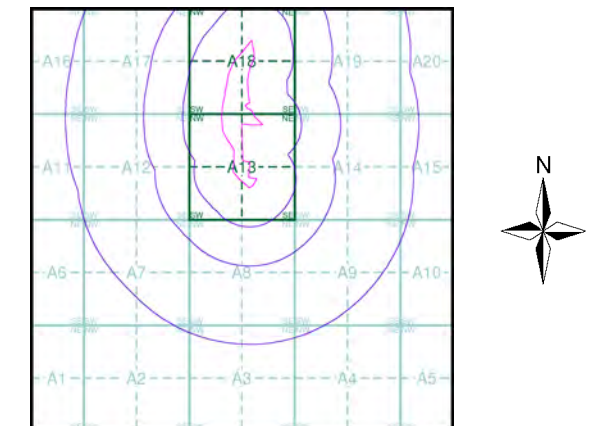
## Key to Numbers on Mapping

# AECOM

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1884	3
Gloucestershire	1:10,560	1887	4
Gloucestershire	1:10,560	1904 - 1905	5
Somerset	1:10,560	1904	6
Gloucestershire	1:10,560	1920 - 1921	7
Somerset	1:10,560	1921	8
Somerset	1:10,560	1932	9
Gloucestershire	1:10,560	1938	10
Somerset	1:10,560	1938	11
Somerset	1:10,560	1938	12
Gloucestershire	1:10,560	1938	13
Gloucestershire	1:10,560	1946	14
Ordnance Survey Plan	1:10,000	1955	15
Bristol	1:10,000	1972	16
Ordnance Survey Plan	1:10,000	1976 - 1977	17
Ordnance Survey Plan	1:10,000	1991	18
10K Raster Mapping	1:10,000	1999	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2019	21

## Russian Map - Slice A



## Order Details

Order Number: 213470193\_1\_1  
 Customer Ref: 60601667 Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU

**Landmark**  
 INFORMATION GROUP

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



The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.



## Gloucestershire

Published 1887

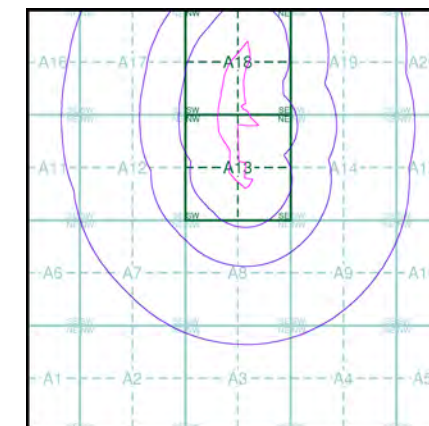
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

075NE 1887 1:10,560	076NW 1887 1:10,560
---------------------------	---------------------------

### Historical Map - Slice A



### Order Details

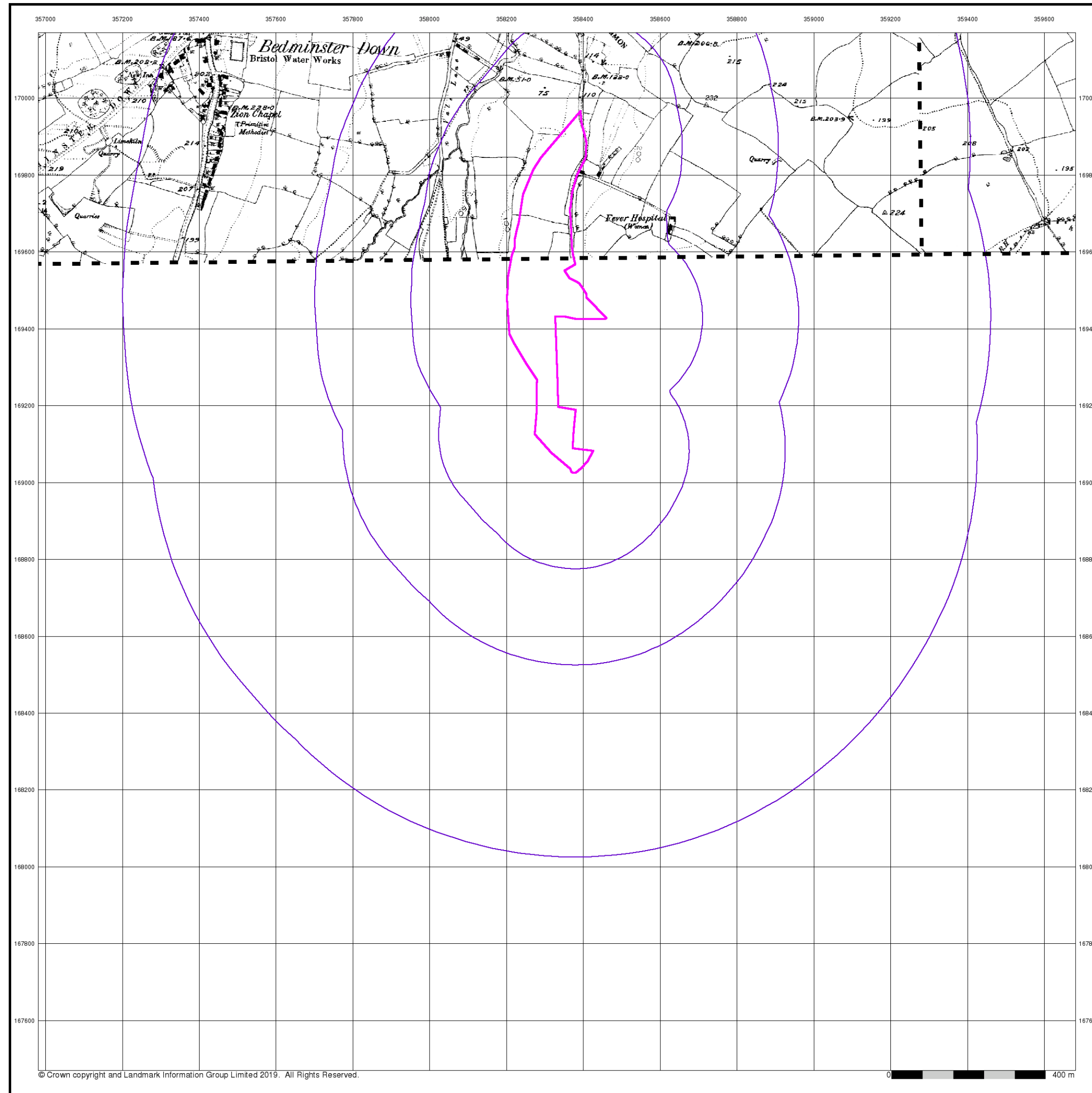
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







## Gloucestershire

Published 1904 - 1905

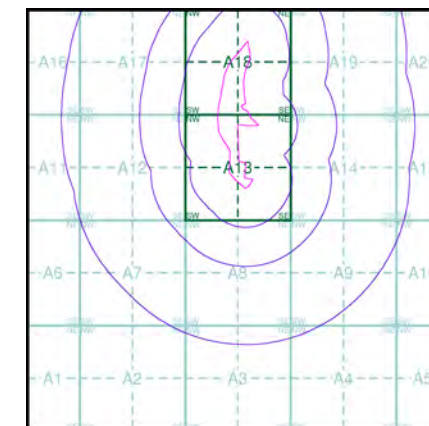
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

075NE 1905 1:10,560	076NW 1904 1:10,560
---------------------------	---------------------------

### Historical Map - Slice A



### Order Details

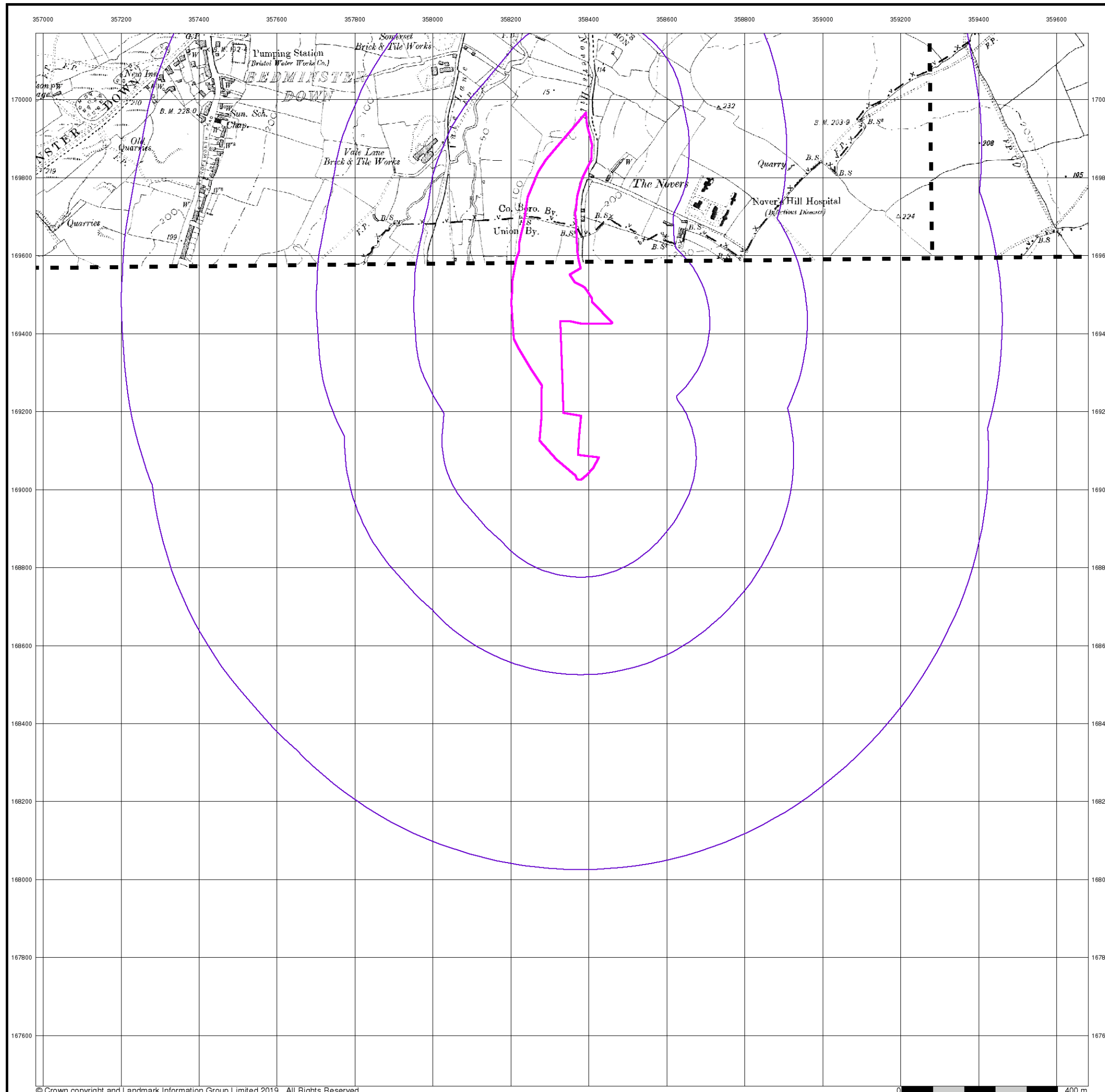
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU





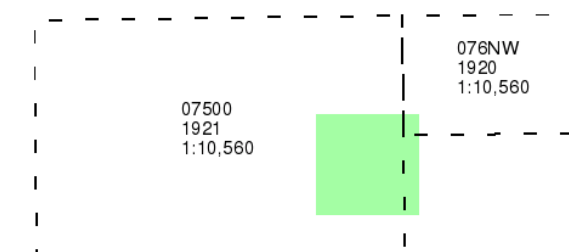
## Gloucestershire

Published 1920 - 1921

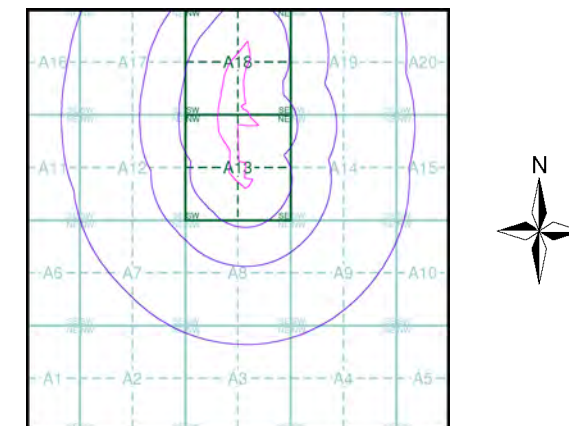
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



### Historical Map - Slice A



### Order Details

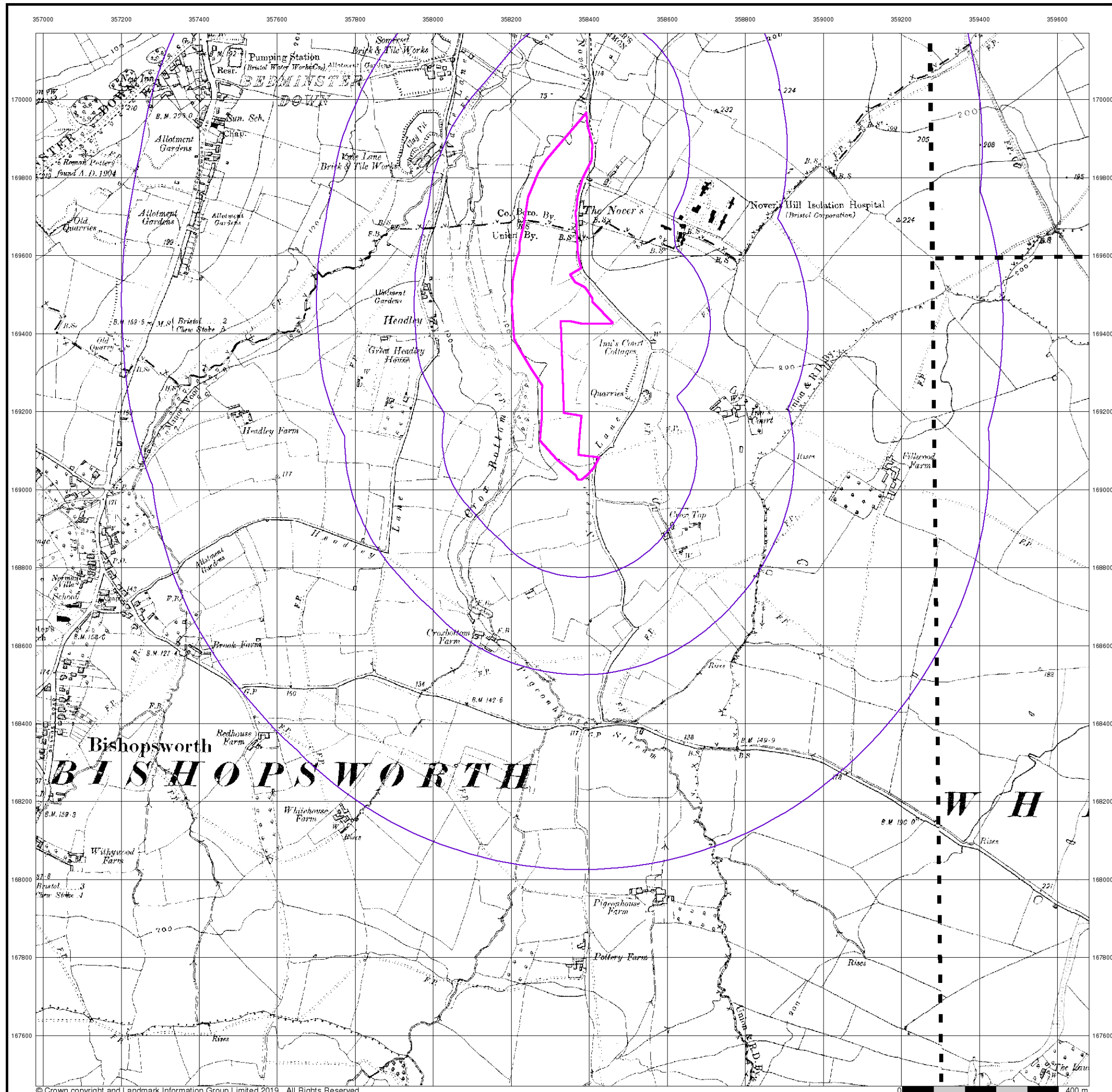
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







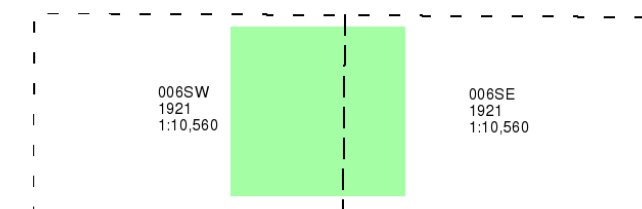
## Somerset

Published 1921

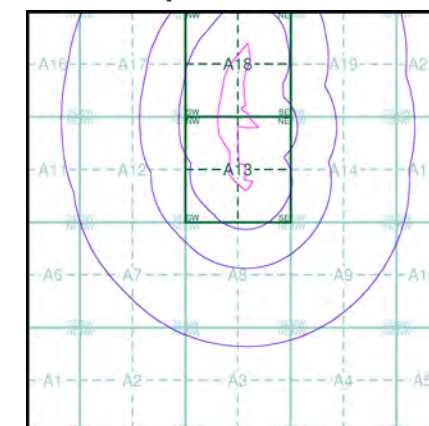
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



## Historical Map - Slice A



## Order Details

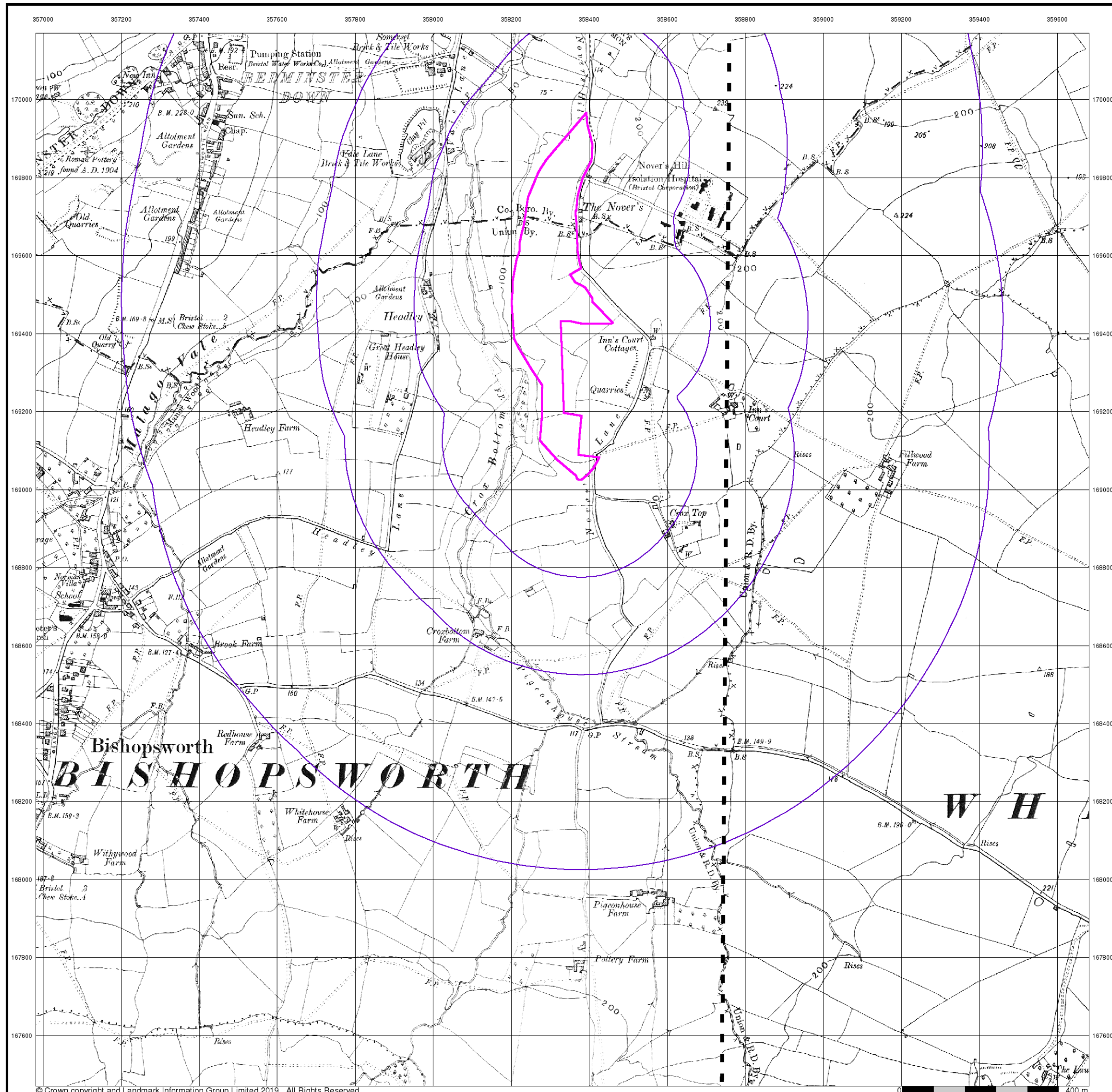
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







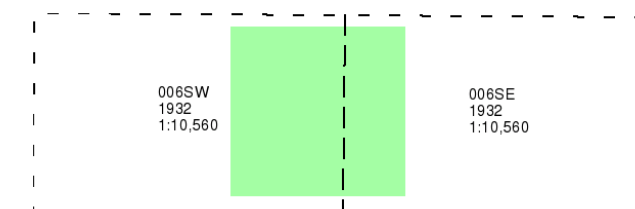
Somerset

Published 1932

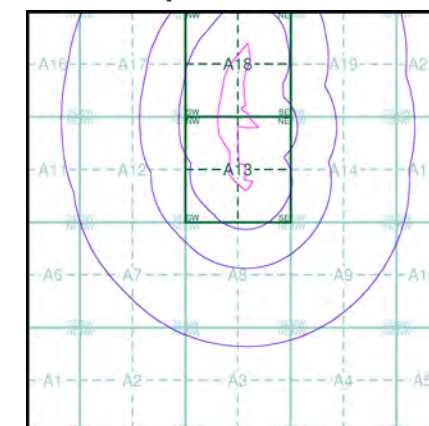
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU

Landmark  
INFORMATION GROUP

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





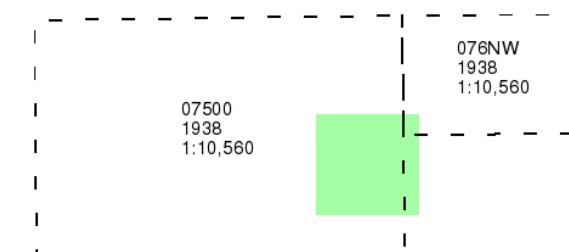
Gloucestershire

Published 1938

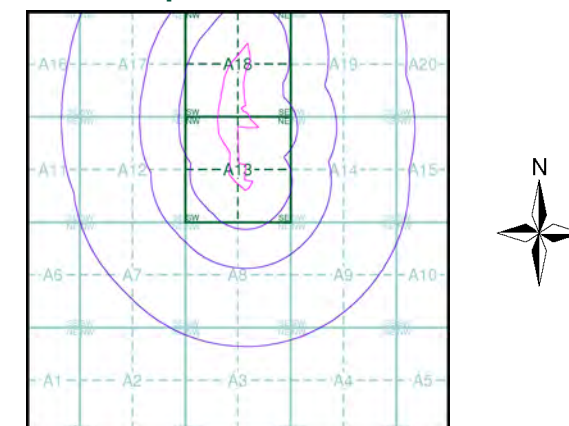
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



### Historical Map - Slice A



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





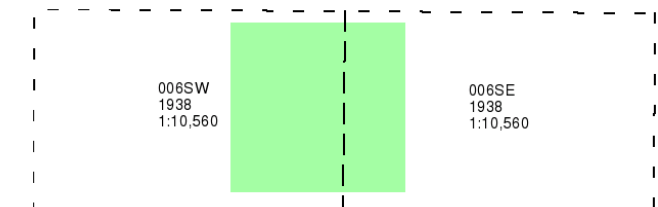
## Somerset

Published 1938

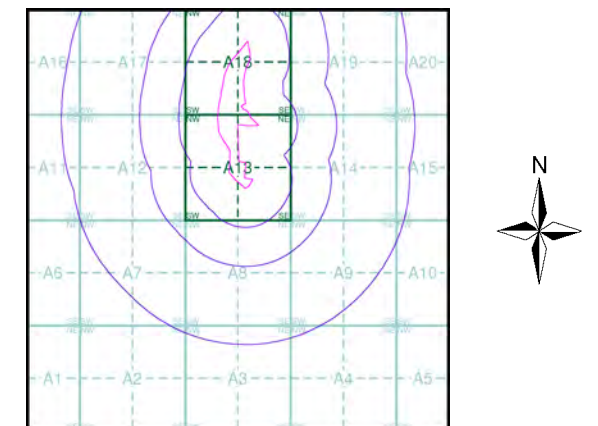
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



## Historical Map - Slice A



## Order Details

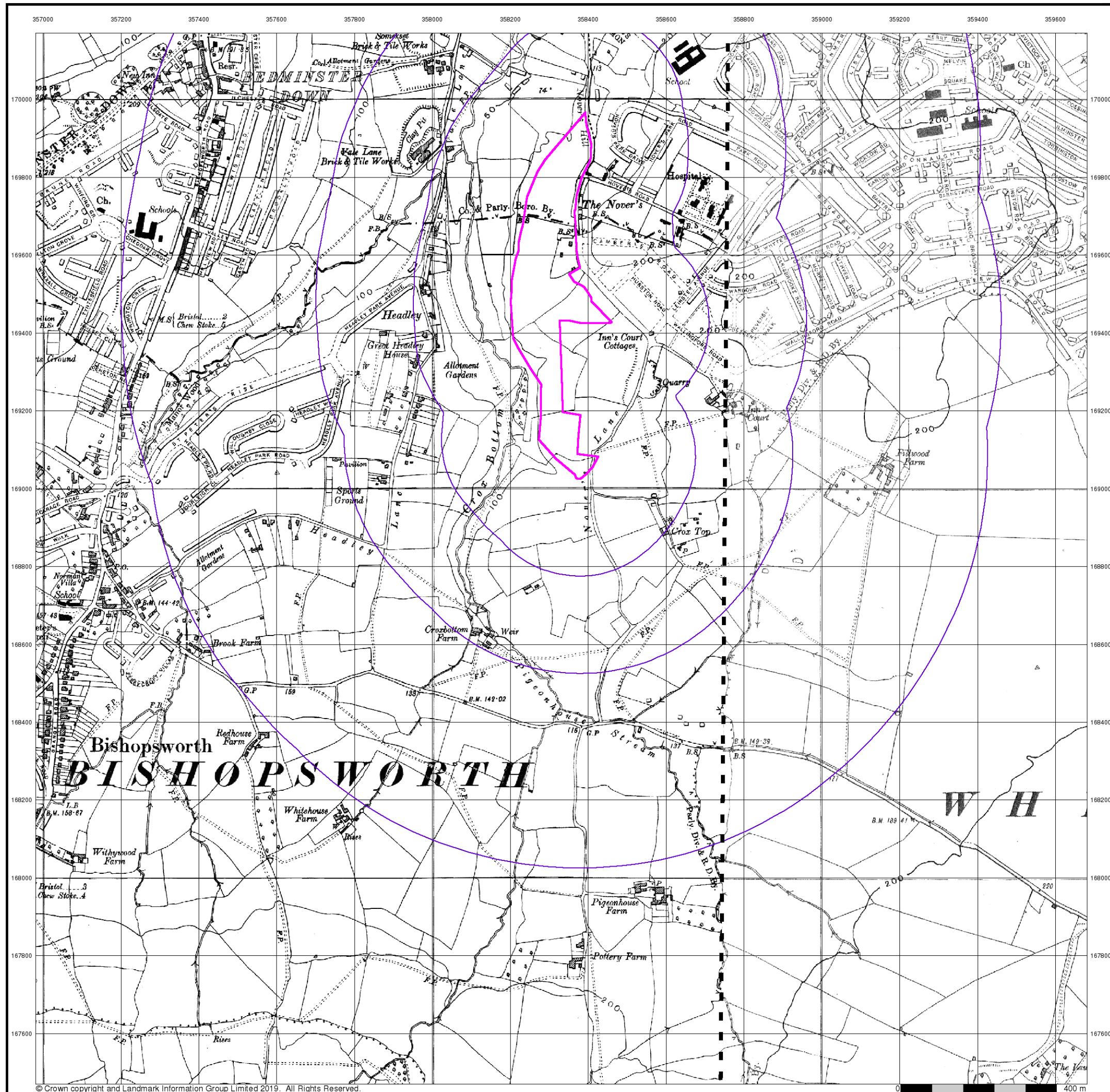
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







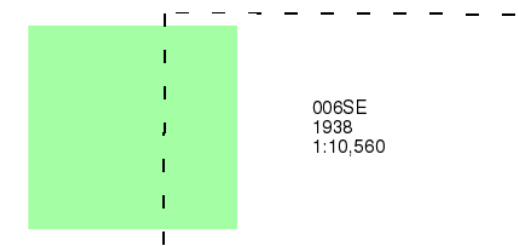
## Somerset

Published 1938

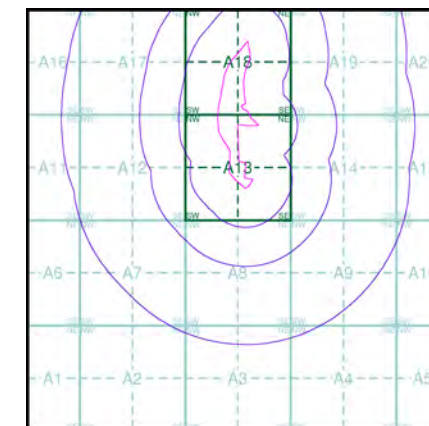
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



### Historical Map - Slice A



### Order Details

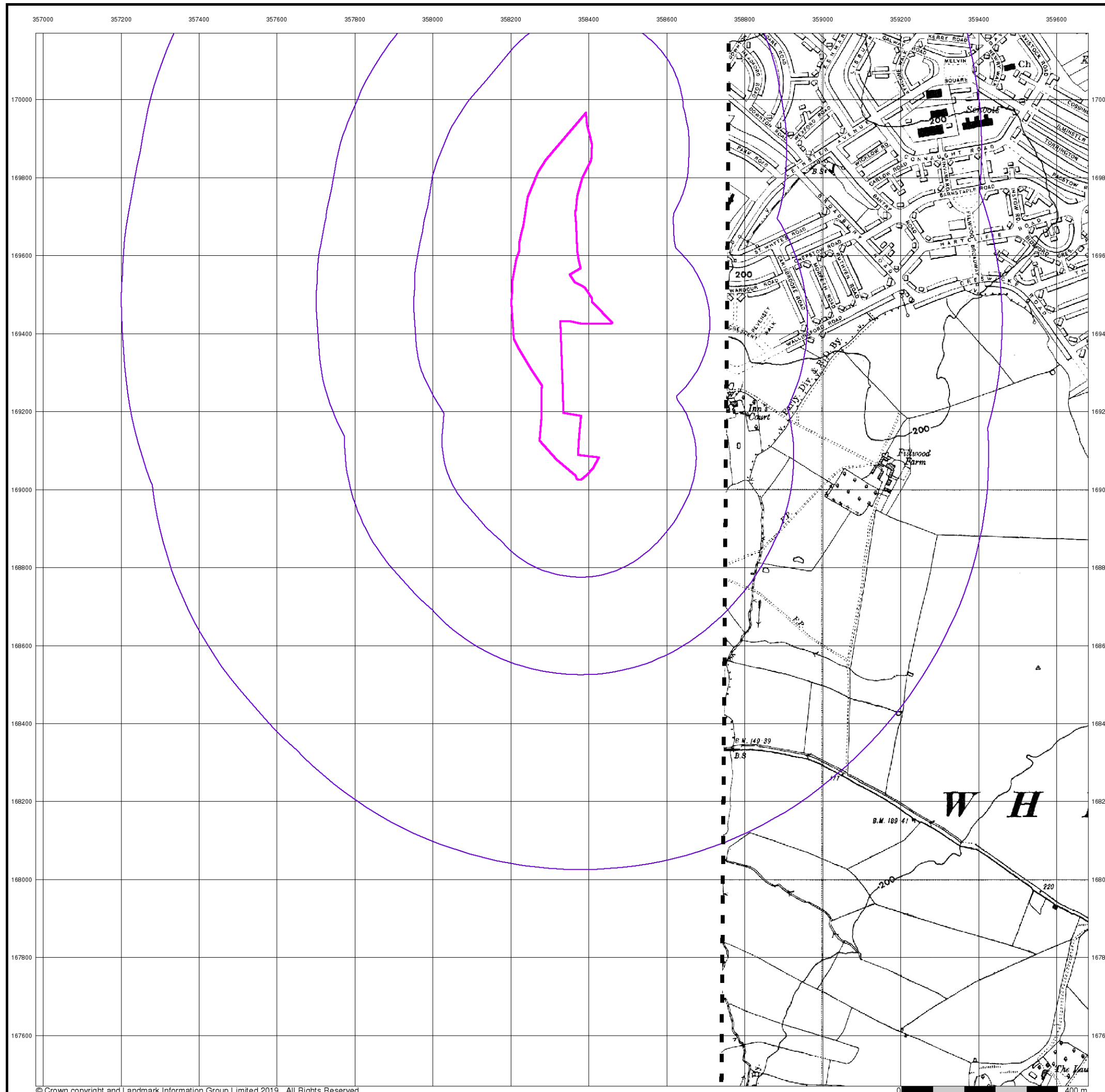
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

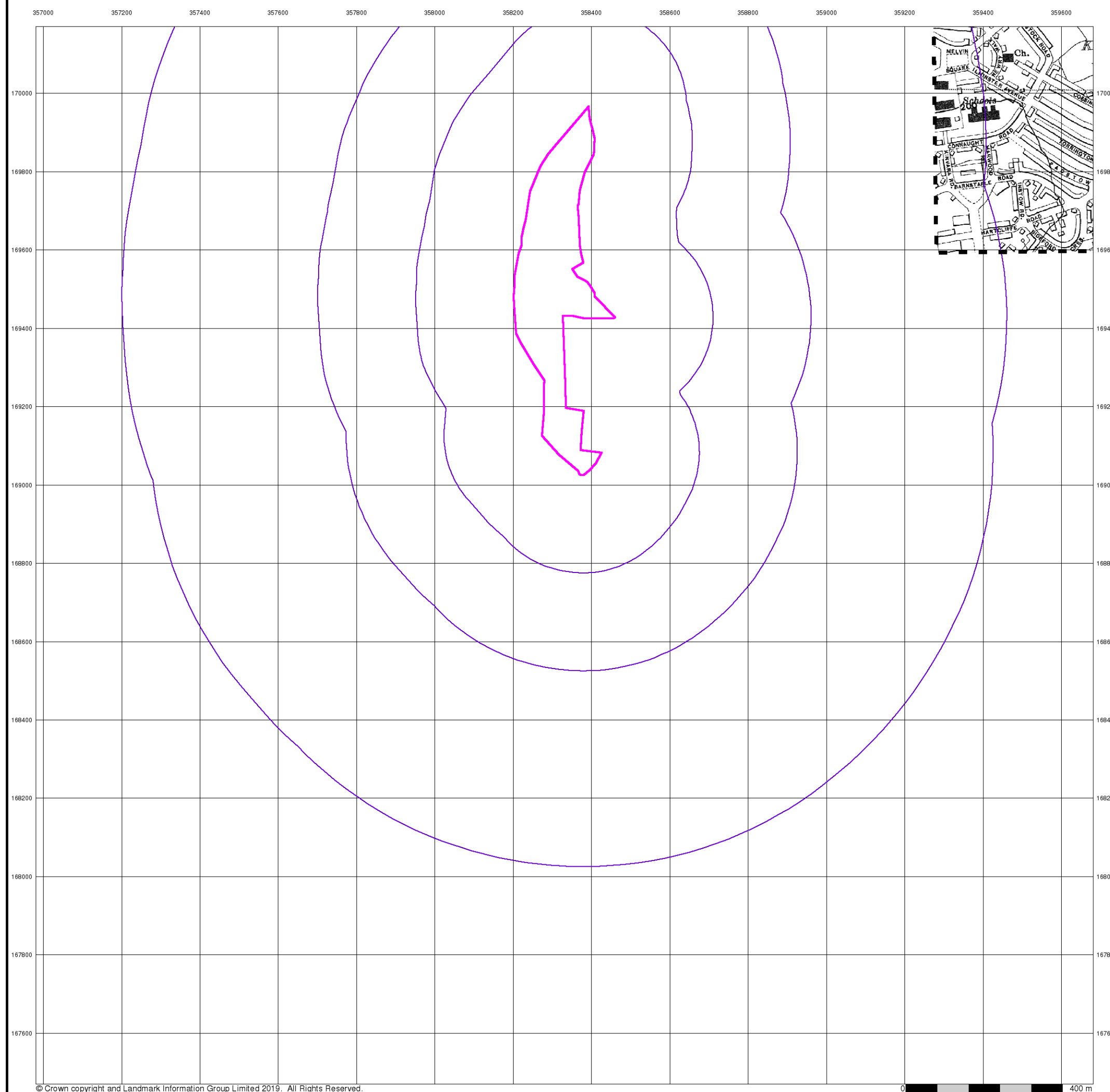
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





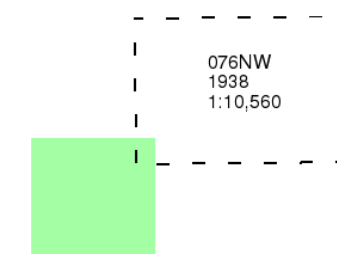
## Gloucestershire

**Published 1938**

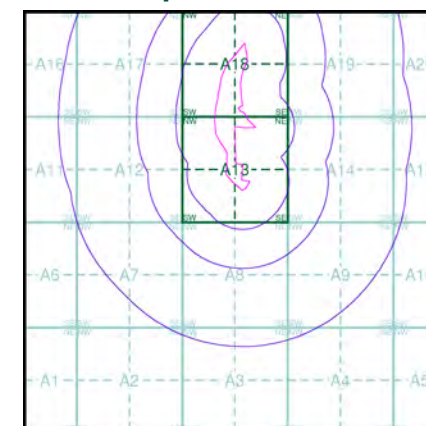
**Source map scale - 1:10,560**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



### Historical Map - Slice A



## Order Details

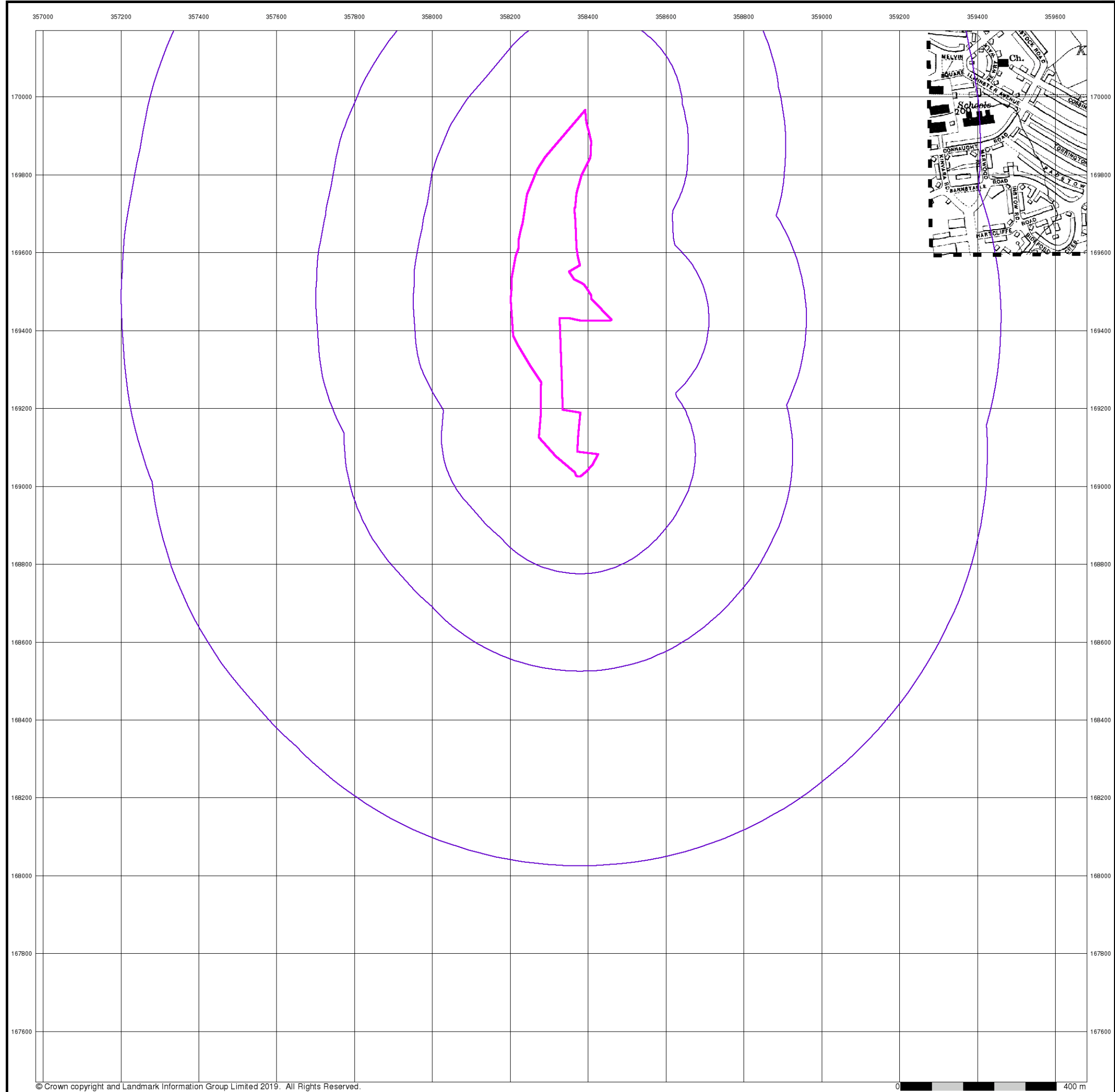
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



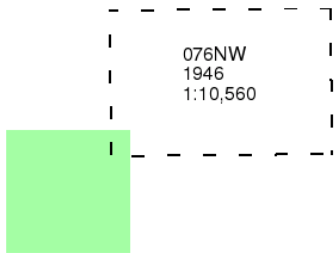
## Gloucestershire

Published 1946

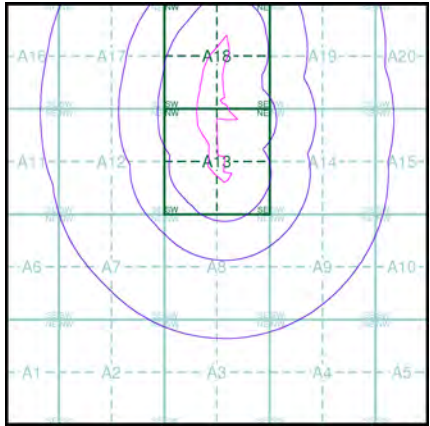
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



### Historical Map - Slice A



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





## Ordnance Survey Plan

Published 1955

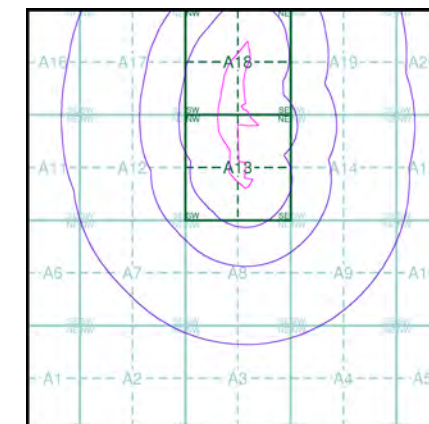
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

ST57SE
1955
1:10,560
ST56NE
1955
1:10,560

### Historical Map - Slice A



### Order Details

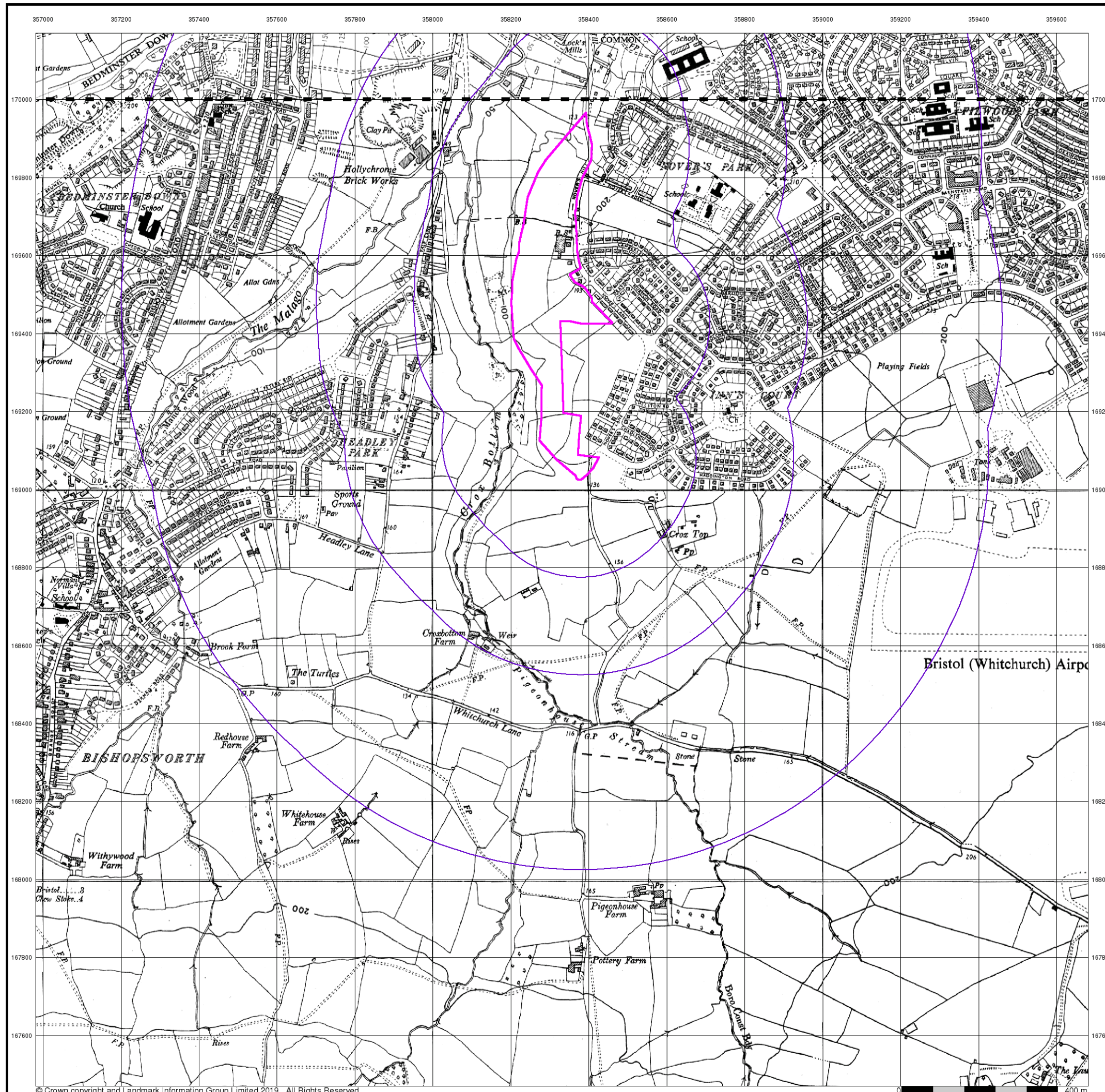
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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











## Ordnance Survey Plan

Published 1976 - 1977

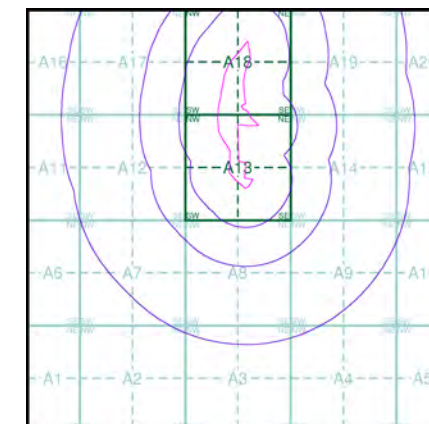
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

ST57SE
1976
1:10,000
ST56NE
1977
1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







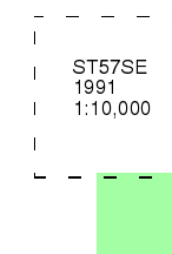
## Ordnance Survey Plan

Published 1991

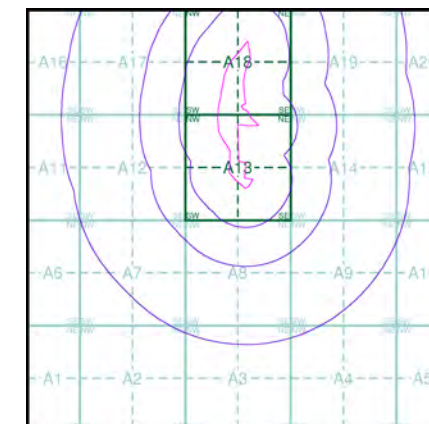
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



### Historical Map - Slice A



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







## 10k Raster Mapping

Published 1999

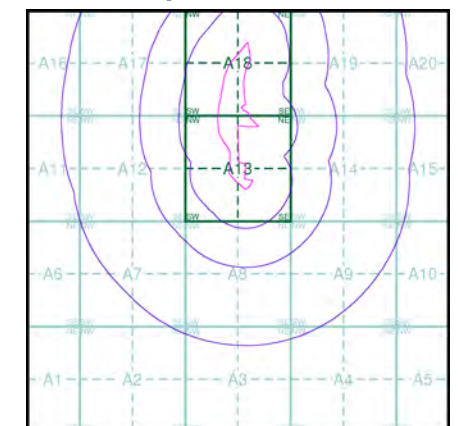
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

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

ST57SE	1999	1:10,000
ST56NE	1999	1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

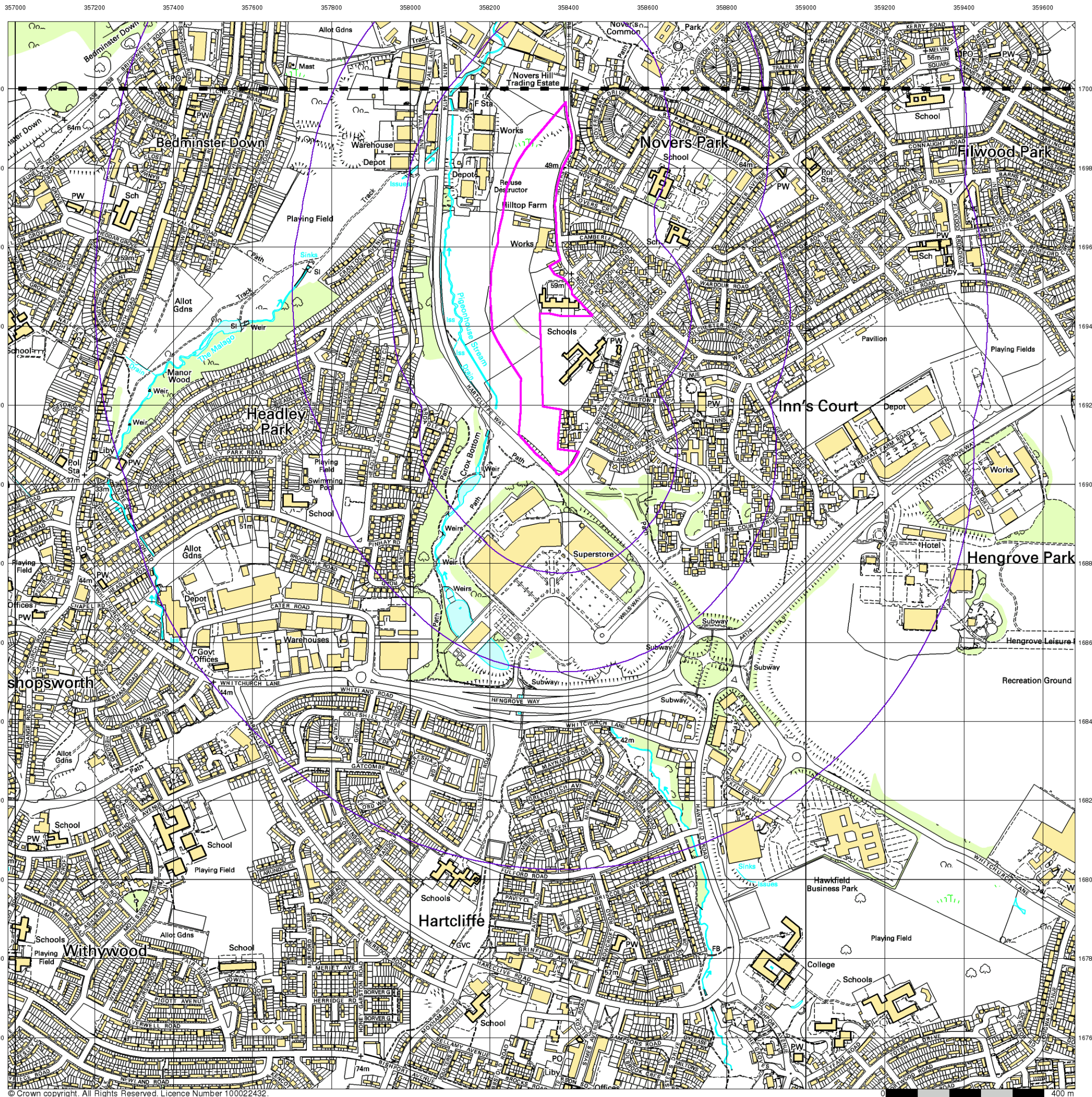
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## 10k Raster Mapping

Published 2006

Source map scale - 1:10,000

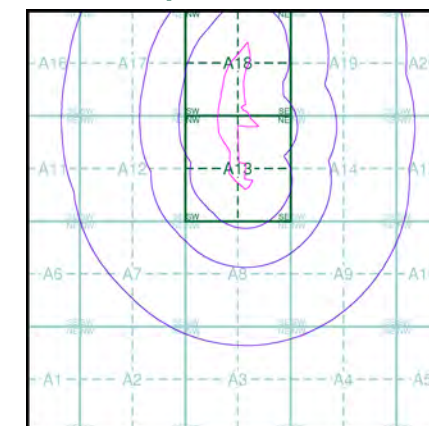
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

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

ST57SE  
2006  
1:10,000

ST56NE  
2006  
1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

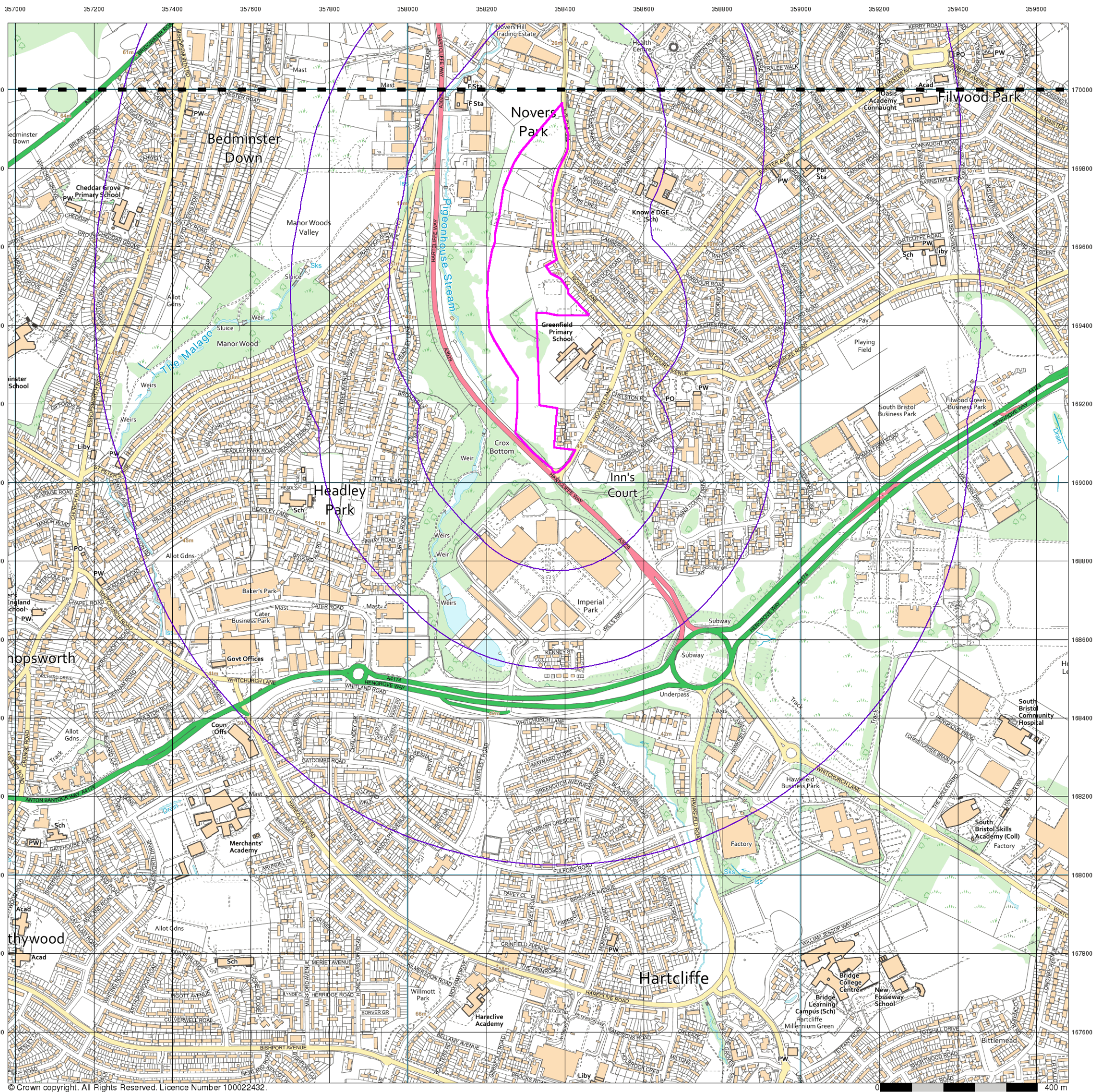
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## VectorMap Local

Published 2019

Source map scale - 1:10,000

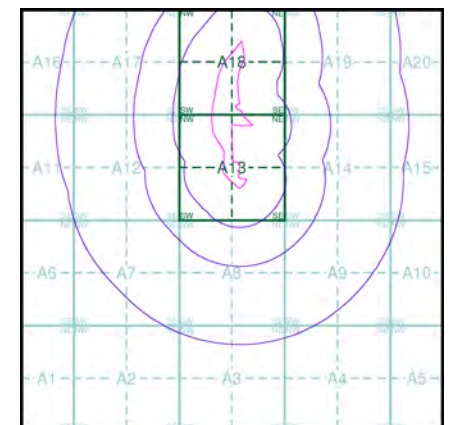
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

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

ST57SE  
2019  
Variable

ST56NE  
2019  
Variable

## Historical Map - Slice A



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



# Historical Mapping Legends

## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



## Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



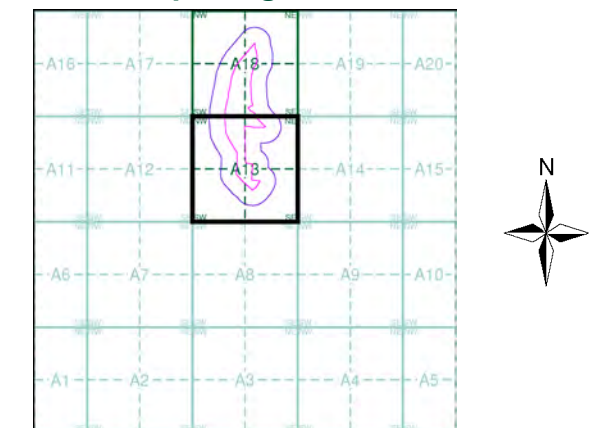
## Large-Scale National Grid Data 1:2,500 and 1:1,250



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1886	2
Somerset	1:2,500	1903	3
Somerset	1:2,500	1916	4
Somerset	1:2,500	1931	5
Ordnance Survey Plan	1:1,250	1948 - 1955	6
Ordnance Survey Plan	1:2,500	1948 - 1960	7
Ordnance Survey Plan	1:1,250	1952 - 1977	8
Ordnance Survey Plan	1:1,250	1964 - 1978	9
Ordnance Survey Plan	1:2,500	1965 - 1971	10
Ordnance Survey Plan	1:1,250	1968 - 1975	11
Supply of Unpublished Survey Information	1:1,250	1975	12
Ordnance Survey Plan	1:1,250	1978	13
Additional SIMs	1:1,250	1982 - 1989	14
Additional SIMs	1:1,250	1989	15
Large-Scale National Grid Data	1:1,250	1992	16
Large-Scale National Grid Data	1:1,250	1995	17
Historical Aerial Photography	1:2,500	1999	18

## Historical Map - Segment A13



## Order Details

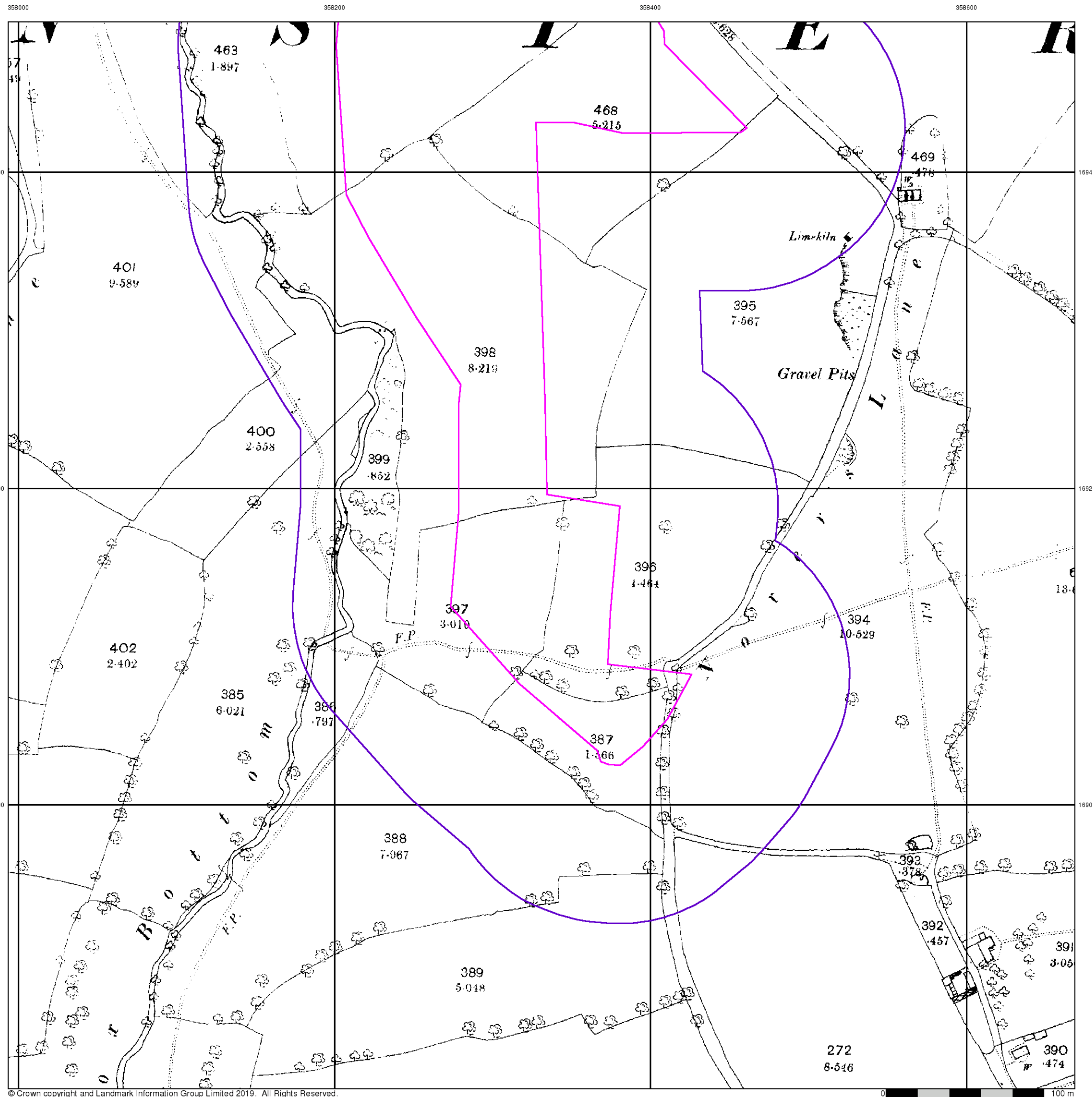
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



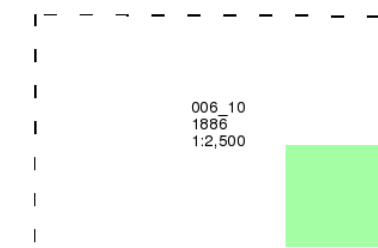
## Somerset

Published 1886

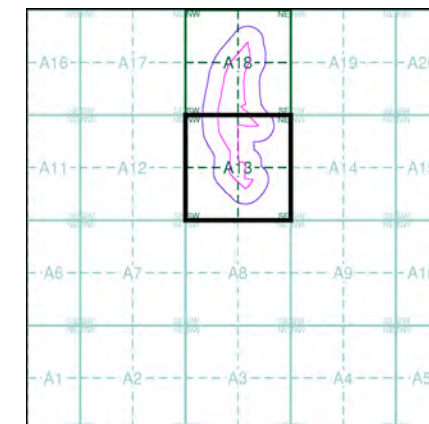
Source map scale - 1:2,500

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

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



## Historical Map - Segment A13



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





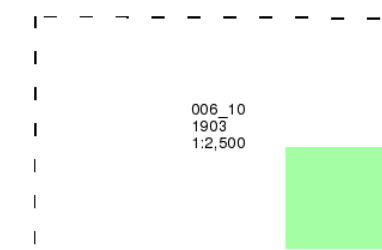
## Somerset

Published 1903

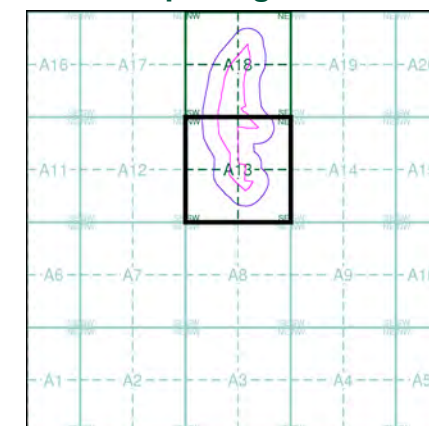
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

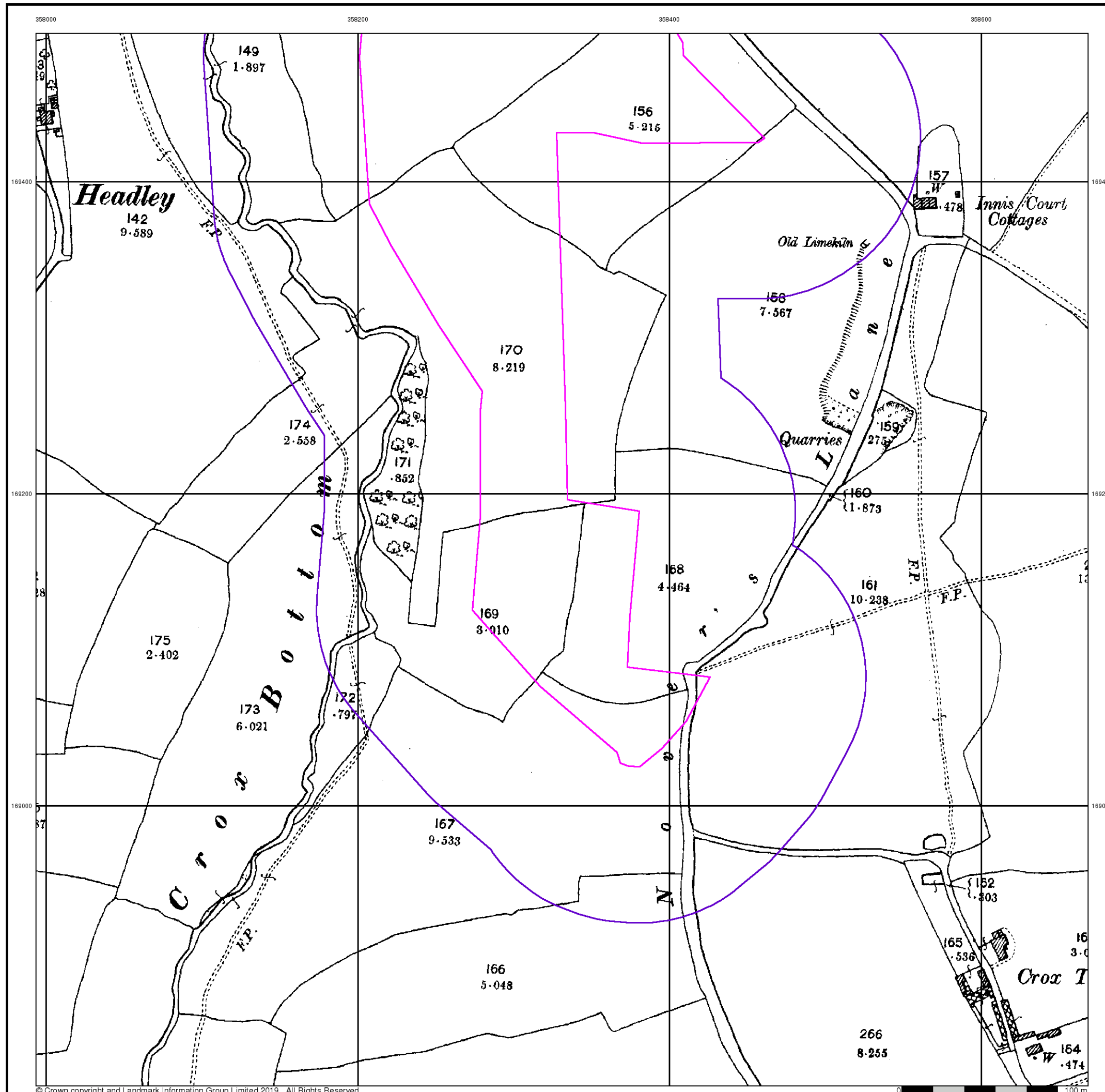
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





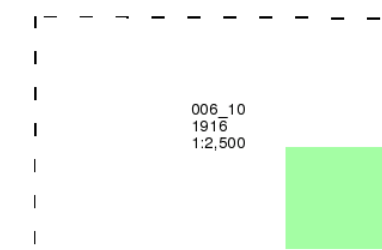
Somerset

Published 1916

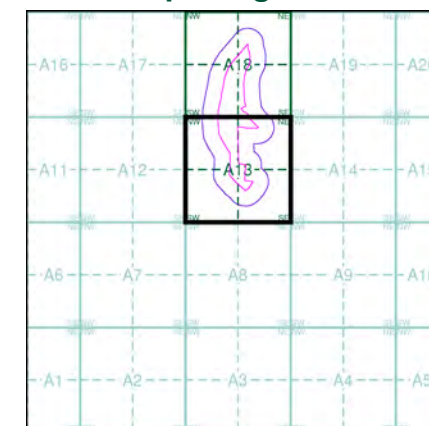
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

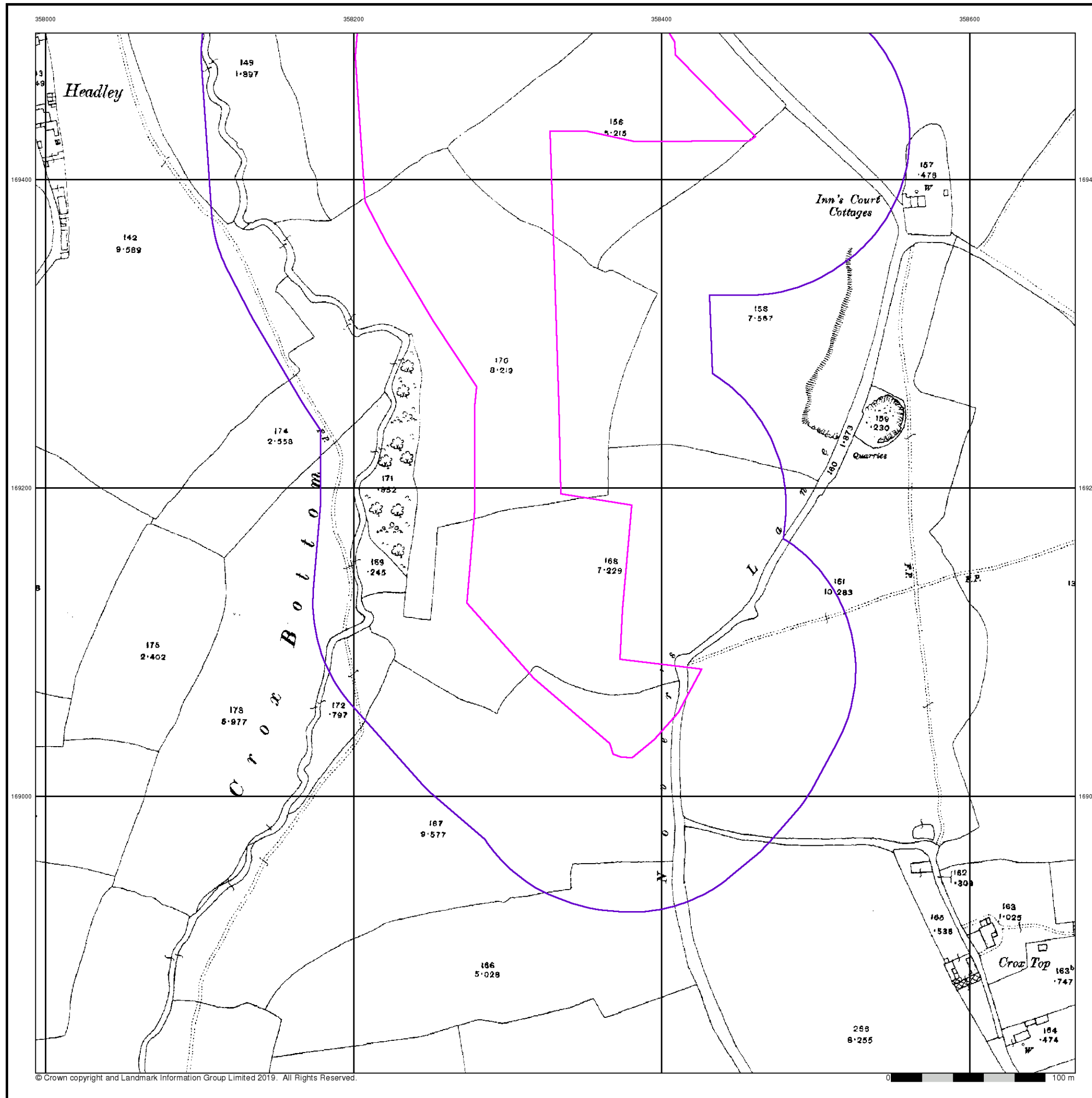
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





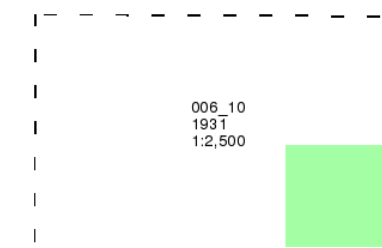
Somerset

Published 1931

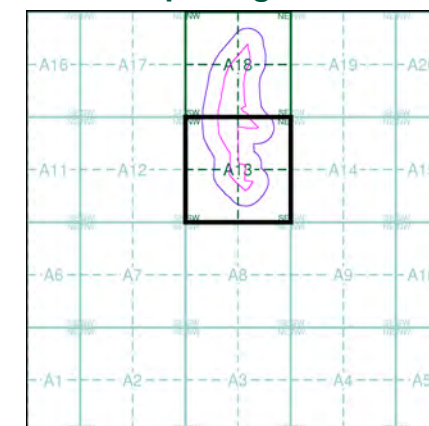
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

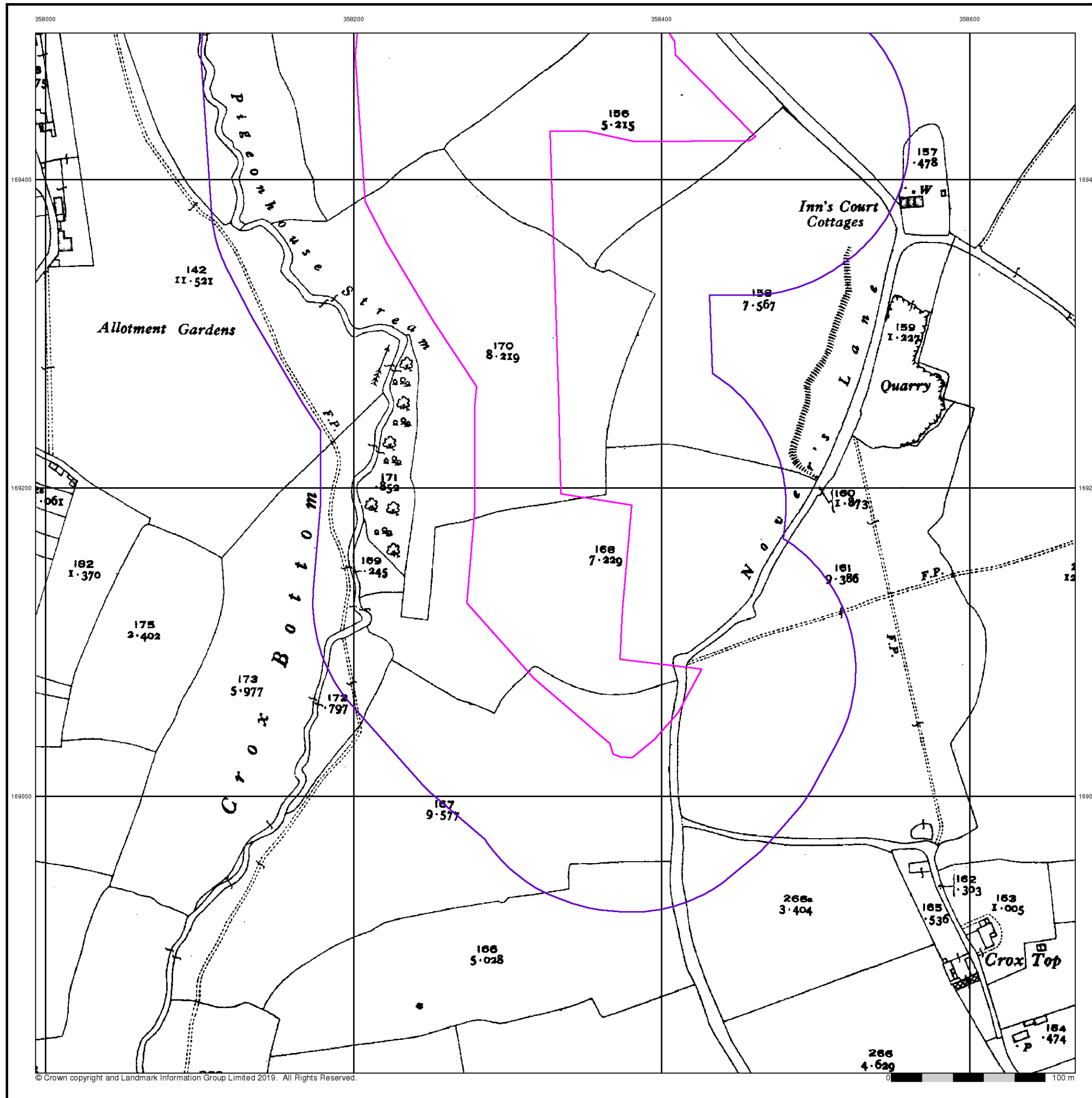
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







## Ordnance Survey Plan

Published 1948 - 1955

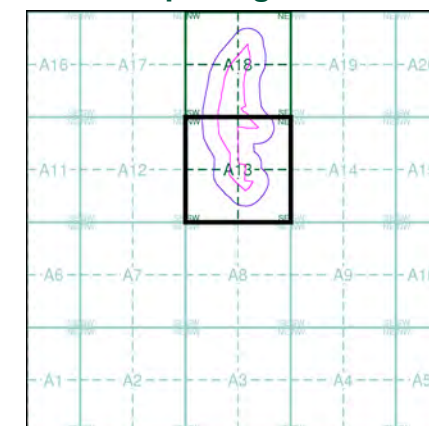
Source map scale - 1:1,250

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

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

ST5769SE 1948 1:1,250	ST5869SW 1948 1:1,250	ST5869SE 1948 1:1,250
ST5768NE 1948 1:1,250	ST5868NW 1955 1:1,250	ST5868NE 1955 1:1,250

### Historical Map - Segment A13



### Order Details

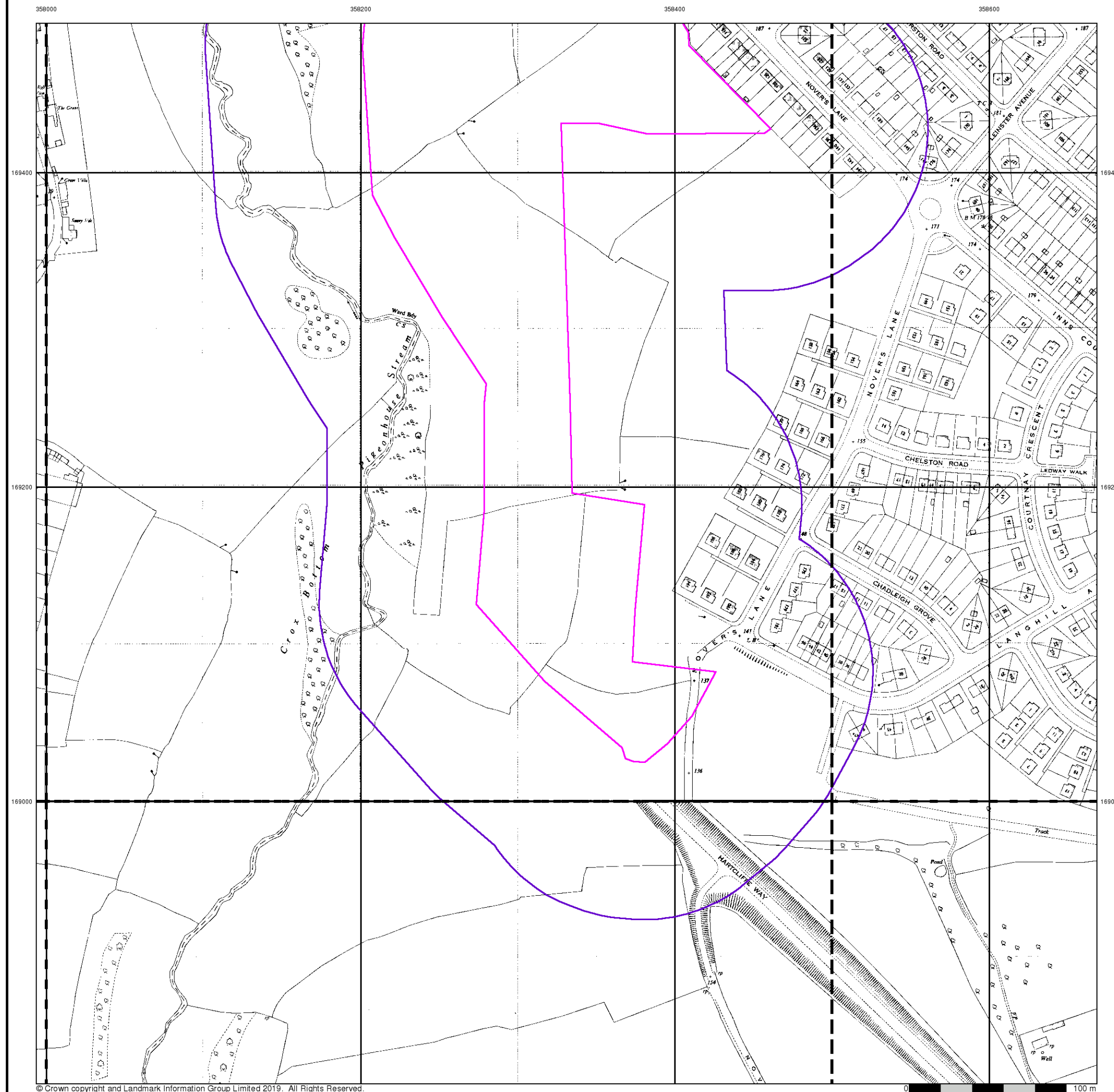
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Ordnance Survey Plan

Published 1948 - 1960

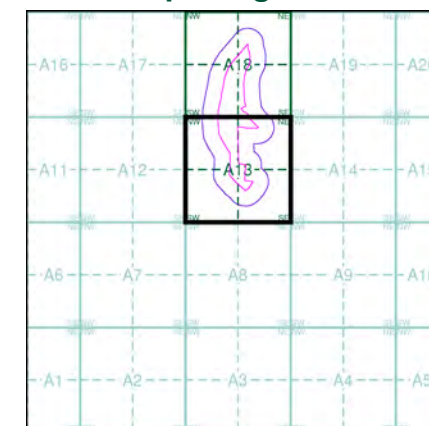
Source map scale - 1:2,500

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

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

ST5769 1948 1:2,500	ST5869 1948 1:2,500
ST5768 1960 1:2,500	ST5868 1955 1:2,500

### Historical Map - Segment A13



### Order Details

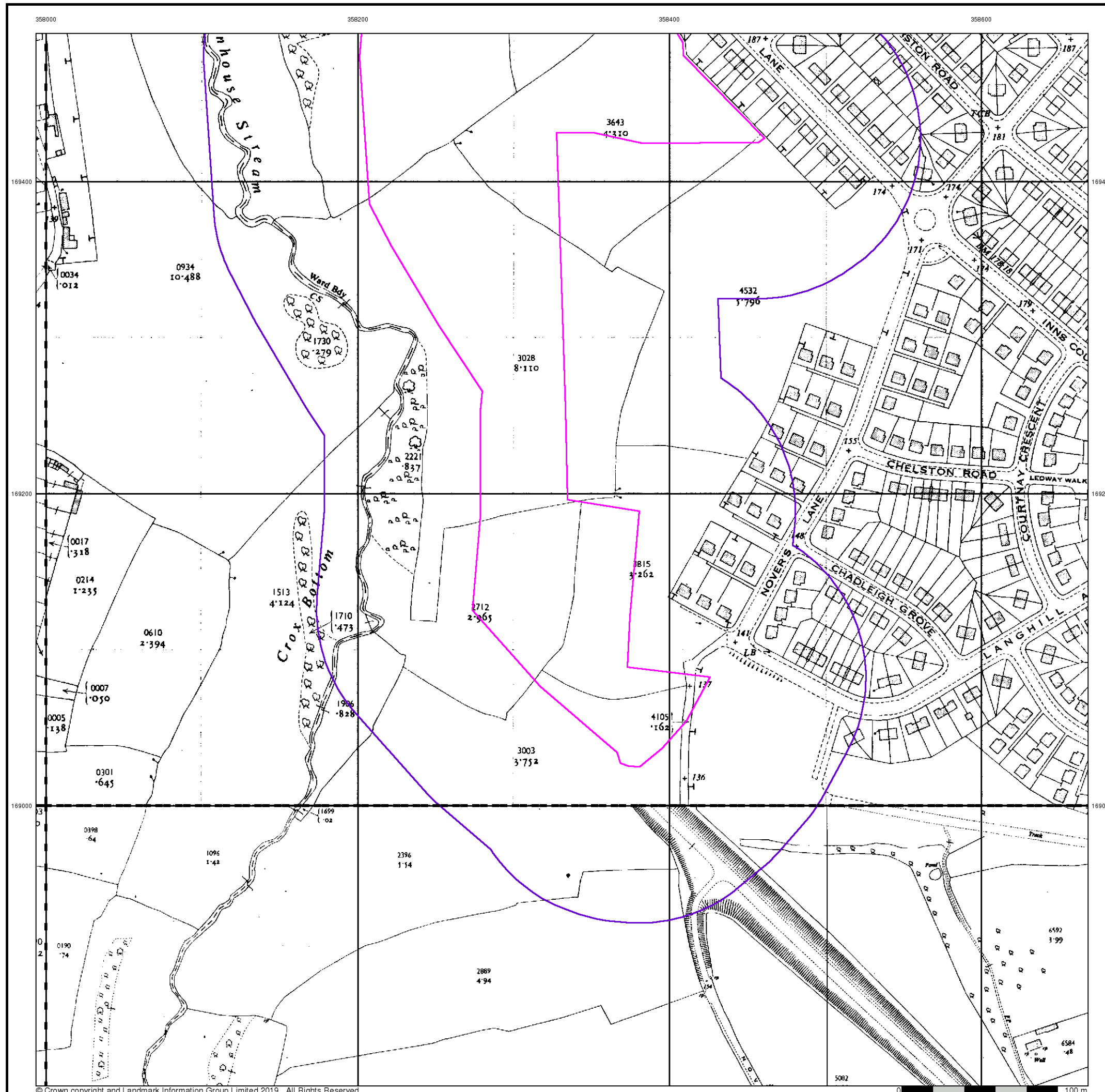
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)







## Ordnance Survey Plan

Published 1952 - 1977

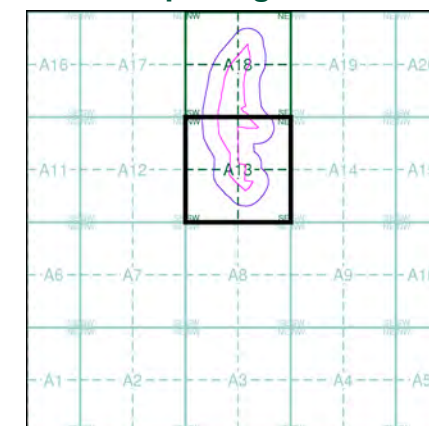
Source map scale - 1:1,250

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

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

ST5769SE 1960 1:1,250	ST5869SW 1952 1:1,250	ST5869SE 1968 1:1,250
ST5768NE 1961 1:1,250	ST5868NW 1977 1:1,250	ST5868NE 1977 1:1,250

### Historical Map - Segment A13



### Order Details

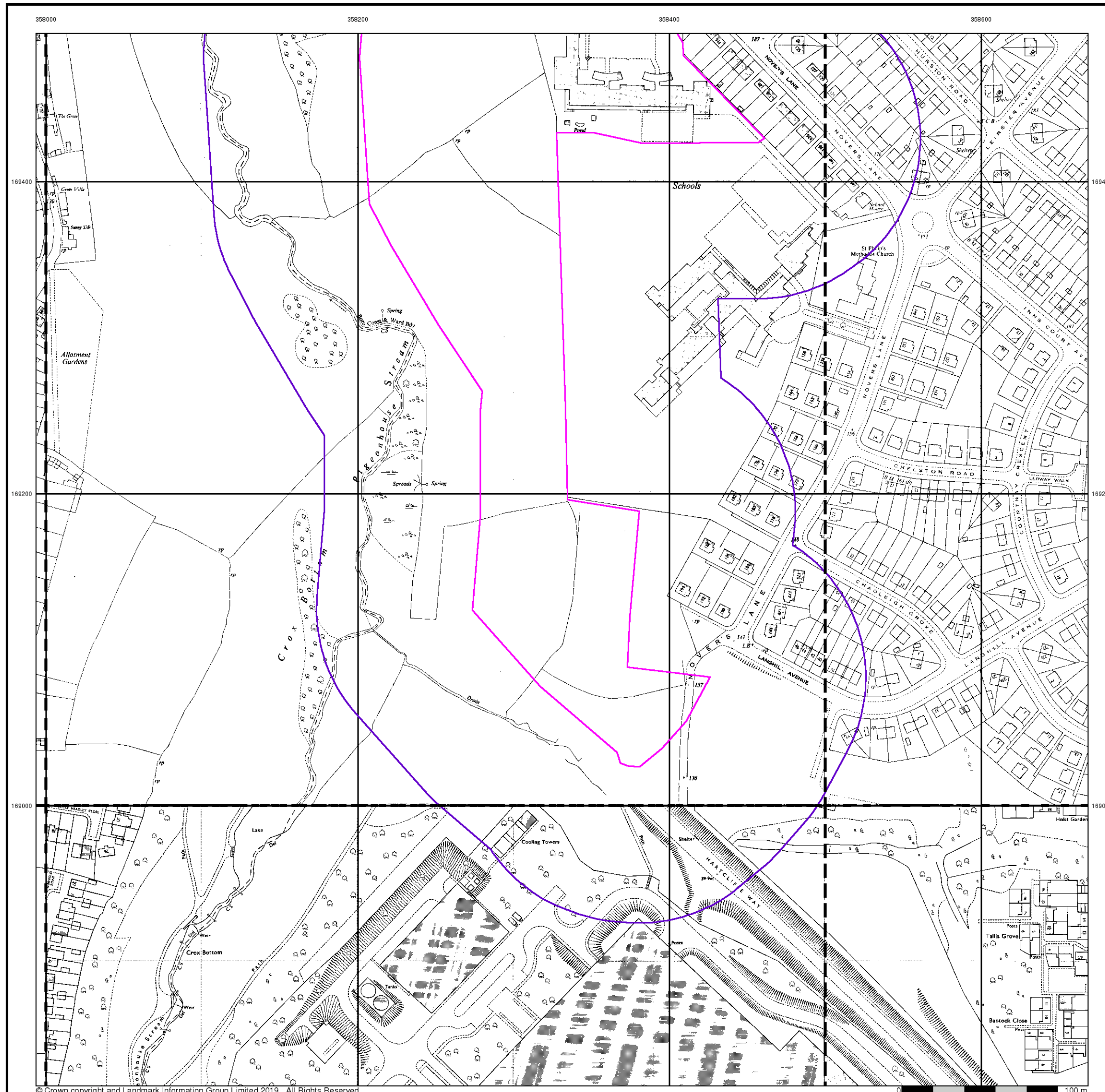
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)







## Ordnance Survey Plan

Published 1964 - 1978

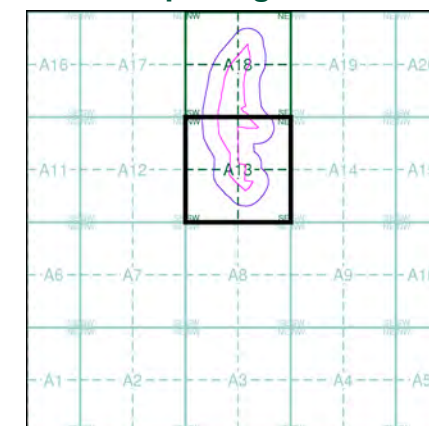
Source map scale - 1:1,250

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

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

ST5769SE 1974 1:1,250	ST5869SW 1964 1:1,250	ST5869SE 1978 1:1,250
ST5768NE 1969 1:1,250		

### Historical Map - Segment A13



### Order Details

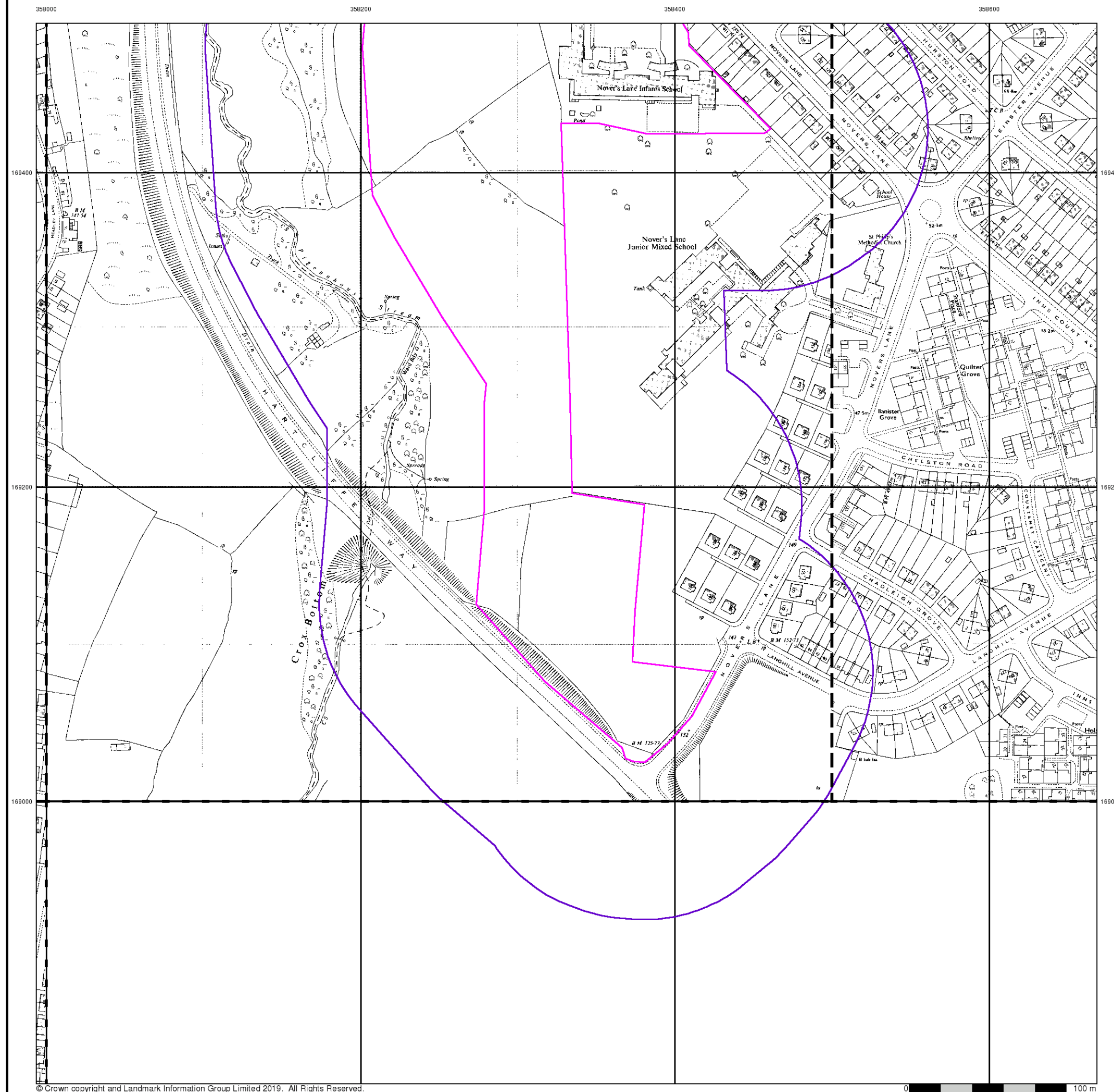
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





## Ordnance Survey Plan

Published 1965 - 1971

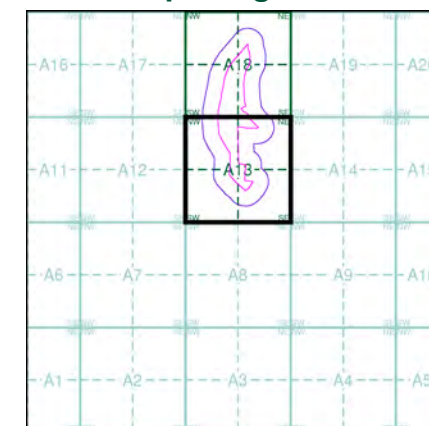
Source map scale - 1:2,500

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

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

ST5789	ST5889
1965	1970
12,500	12,500
	ST5888
	1971
	12,500

### Historical Map - Segment A13



### Order Details

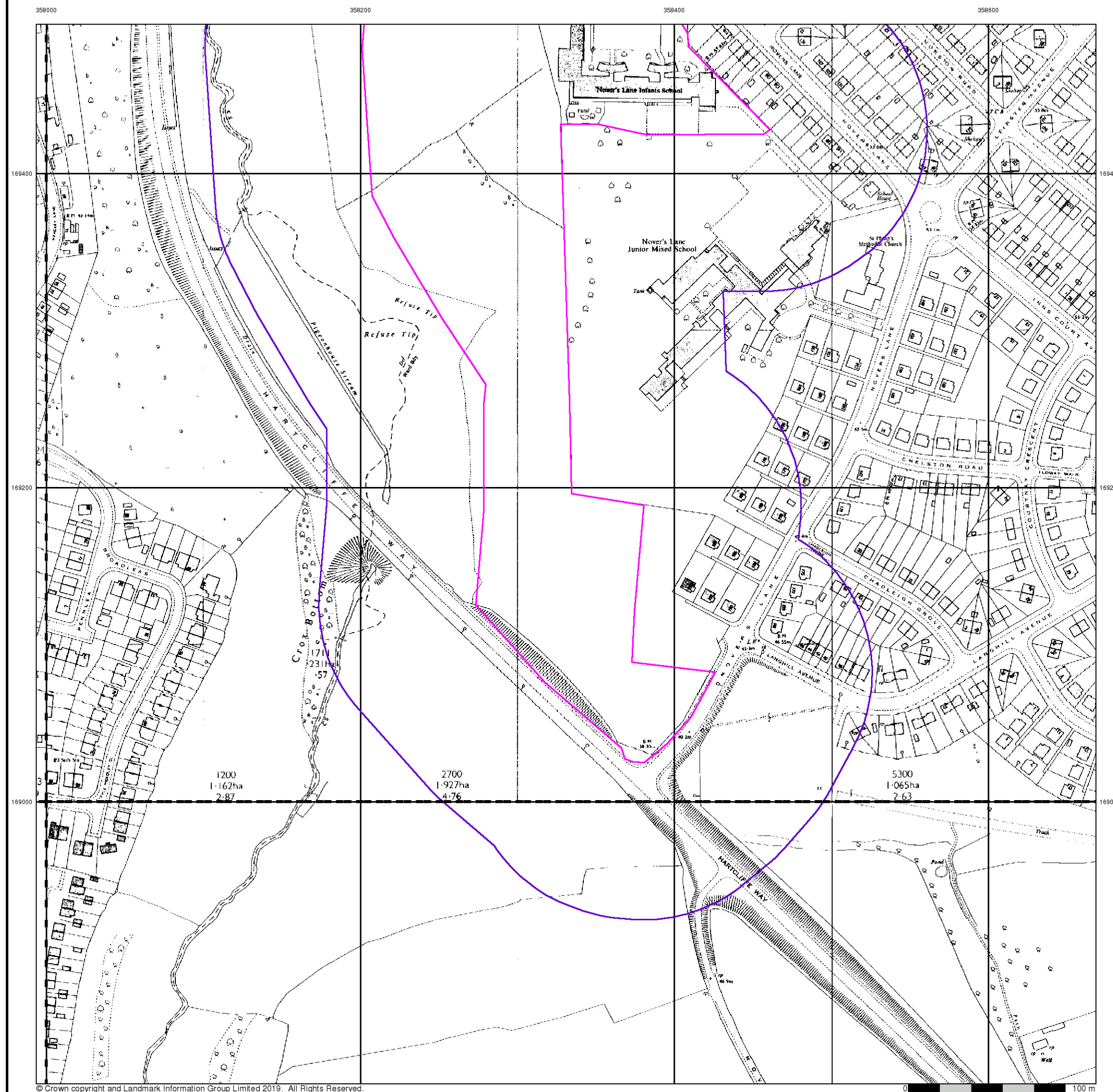
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







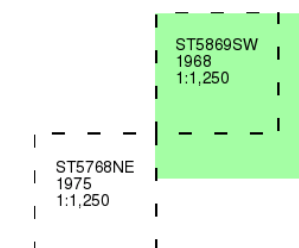
## Ordnance Survey Plan

Published 1968 - 1975

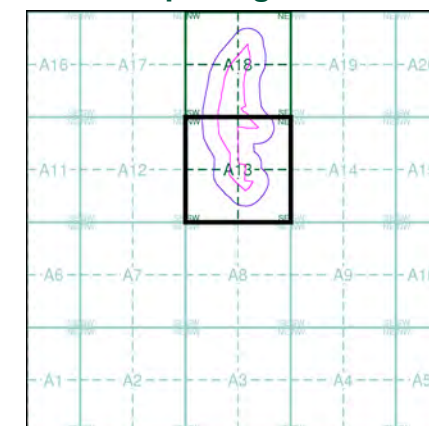
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

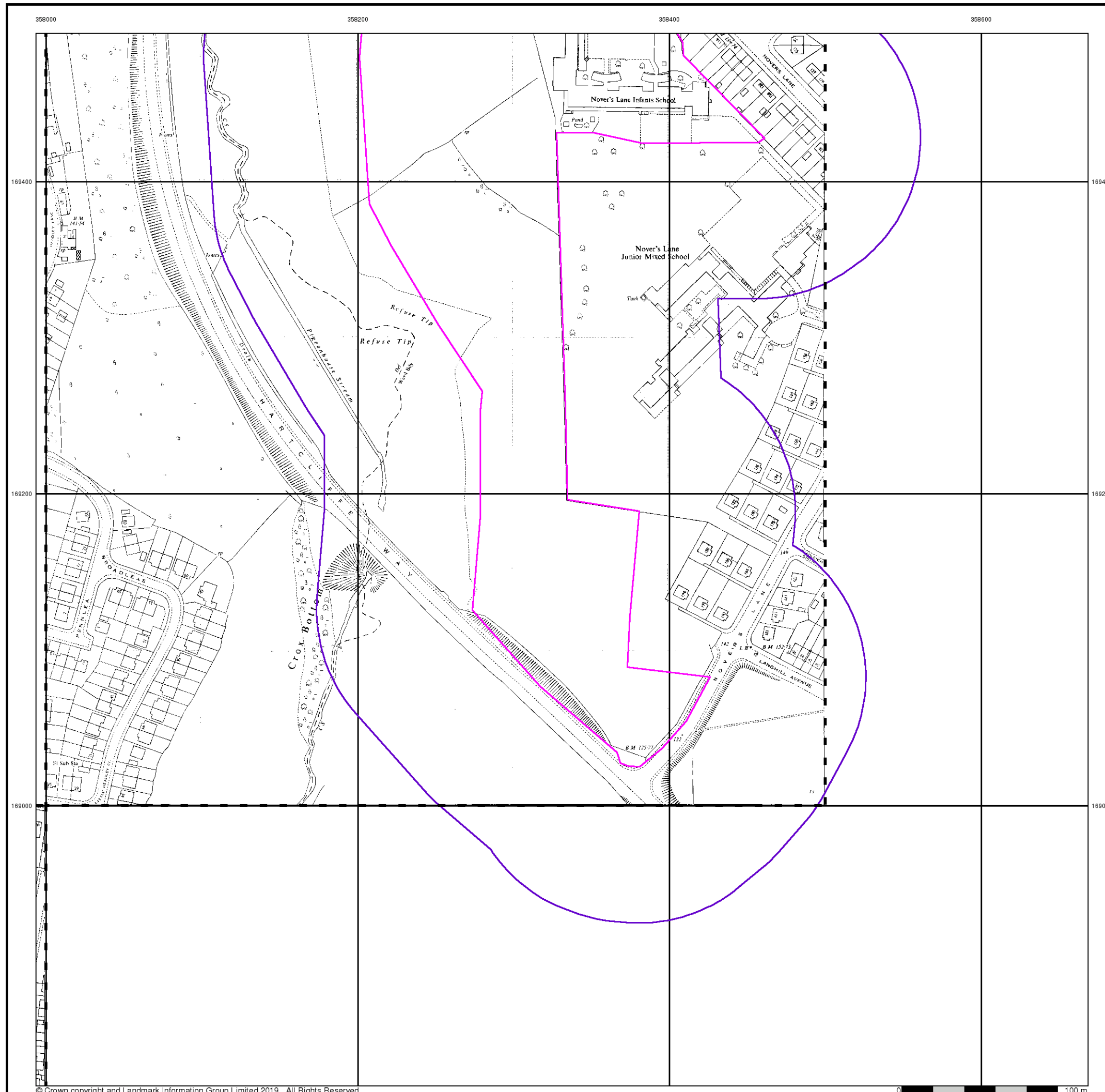
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

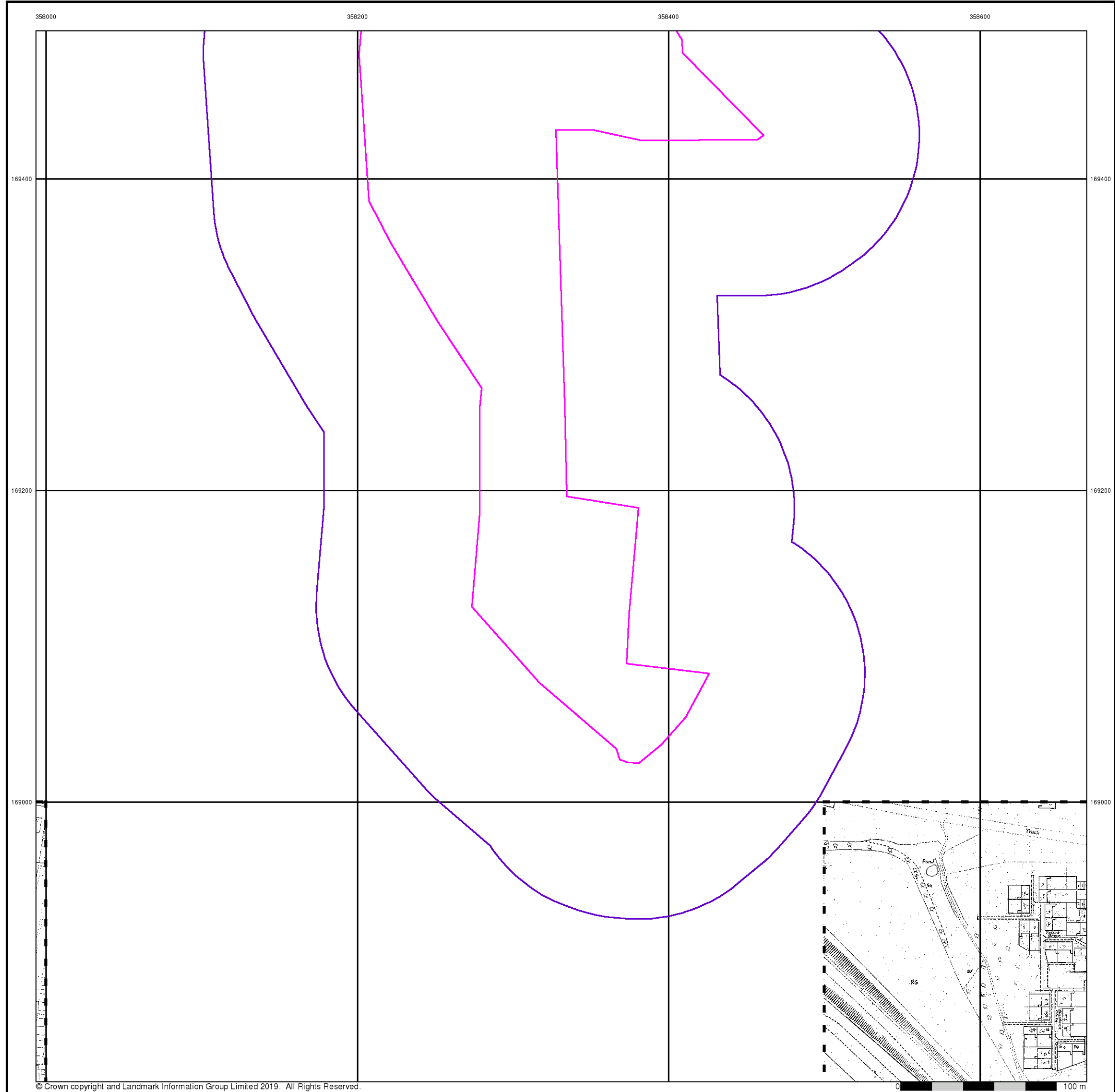
39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)







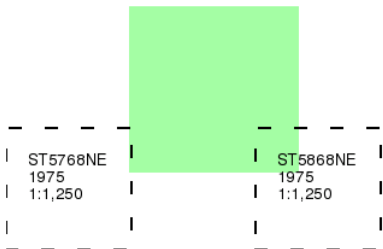
## Supply of Unpublished Survey Information

**Published 1975**

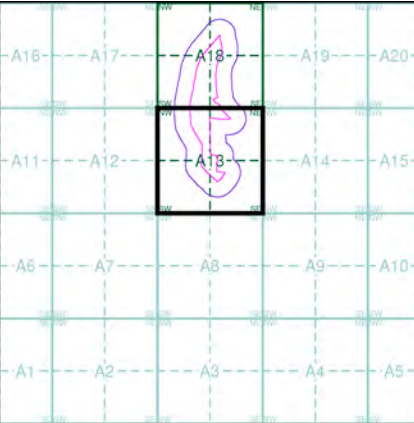
**Source map scale - 1:1,250**

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

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



### Historical Map - Segment A13



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



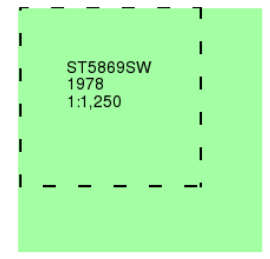
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



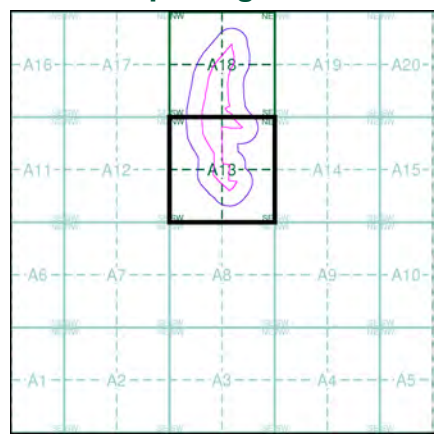
**Ordnance Survey Plan**  
**Published 1978**  
**Source map scale - 1:1,250**

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

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**  
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

**Site Details**  
39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



## Additional SIMs

Published 1982 - 1989

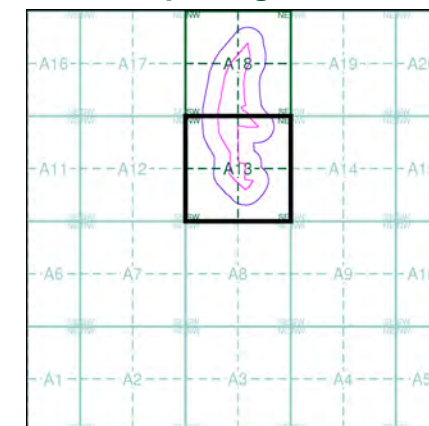
Source map scale - 1:1,250

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

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

ST5769SE	1989	1:1,250	ST5869SE	1982	1:1,250
ST5768NE	1989	1:1,250	ST5868NE	1988	1:1,250

## Historical Map - Segment A13



## Order Details

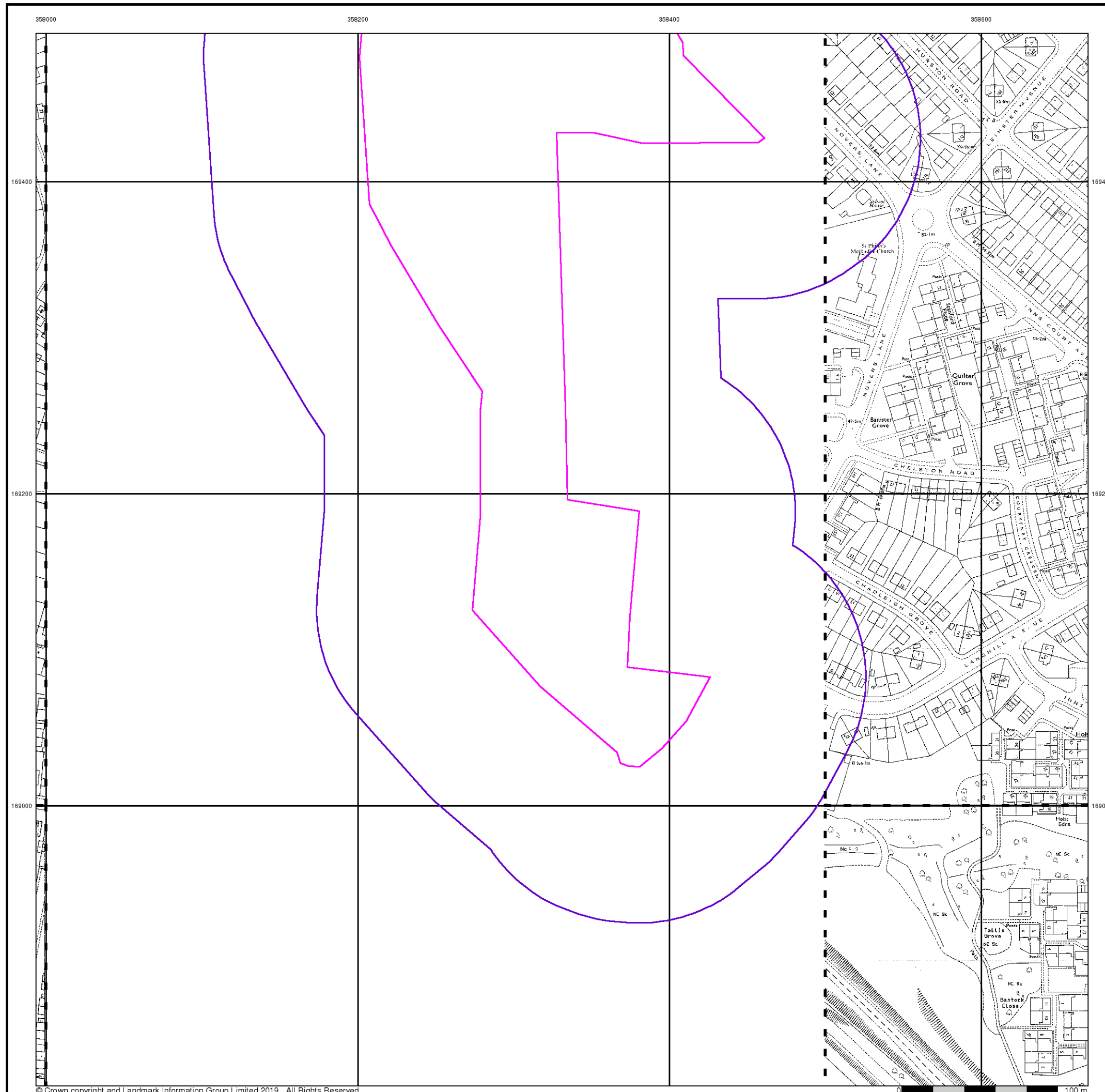
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







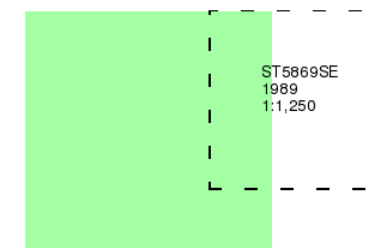
## Additional SIMs

Published 1989

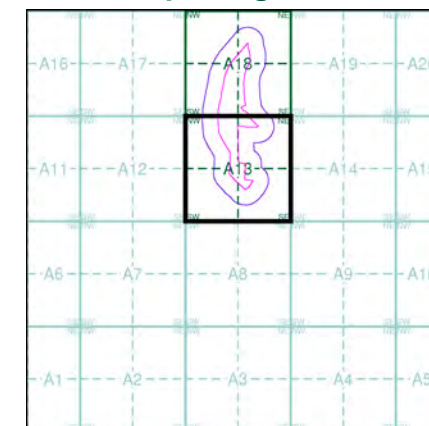
Source map scale - 1:1,250

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

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



## Historical Map - Segment A13



## Order Details

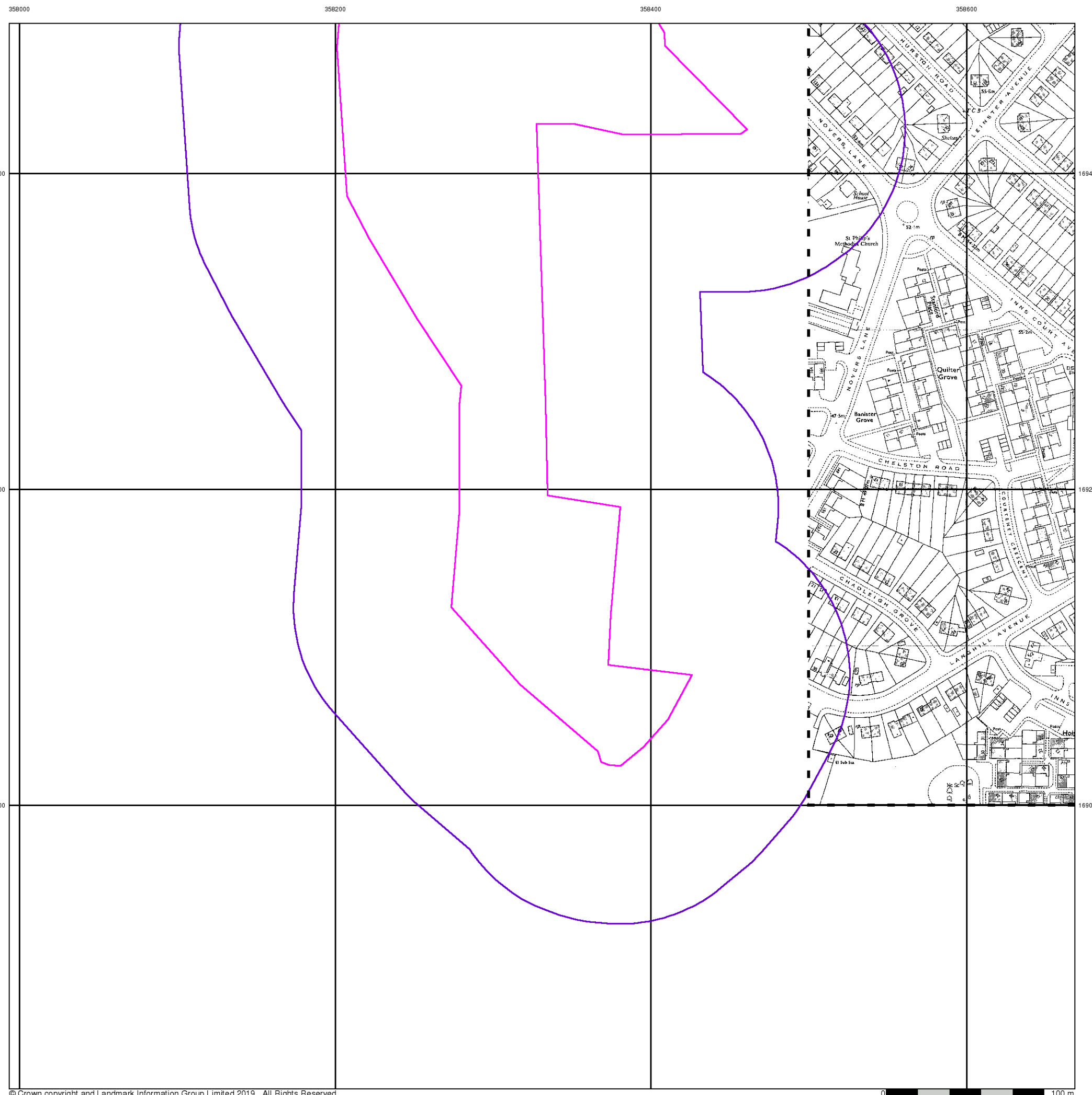
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





## Large-Scale National Grid Data

Published 1992

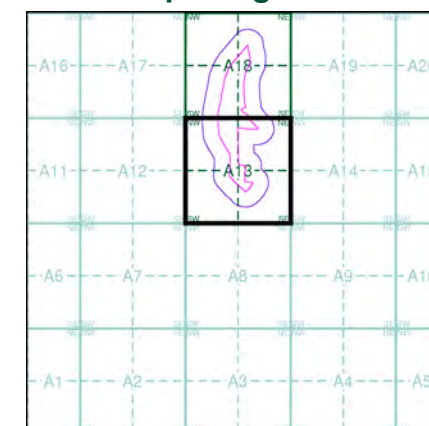
Source map scale - 1:1,250

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

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

ST5769SE	ST5869SW	ST5869SE
1992	1992	1992
1:1,250	1:1,250	1:1,250
ST5768NE	ST5868NW	ST5868NE
1992	1992	1992
1:1,250	1:1,250	1:1,250

### Historical Map - Segment A13



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



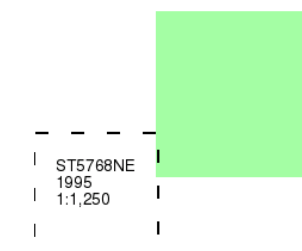
## Large-Scale National Grid Data

Published 1995

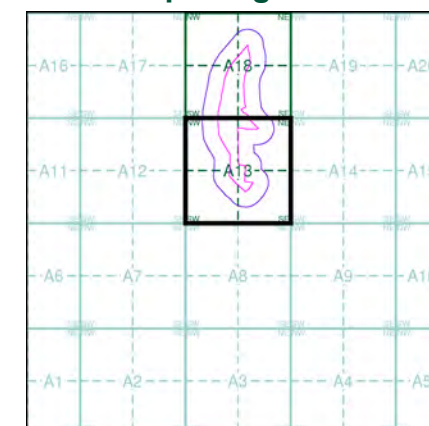
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

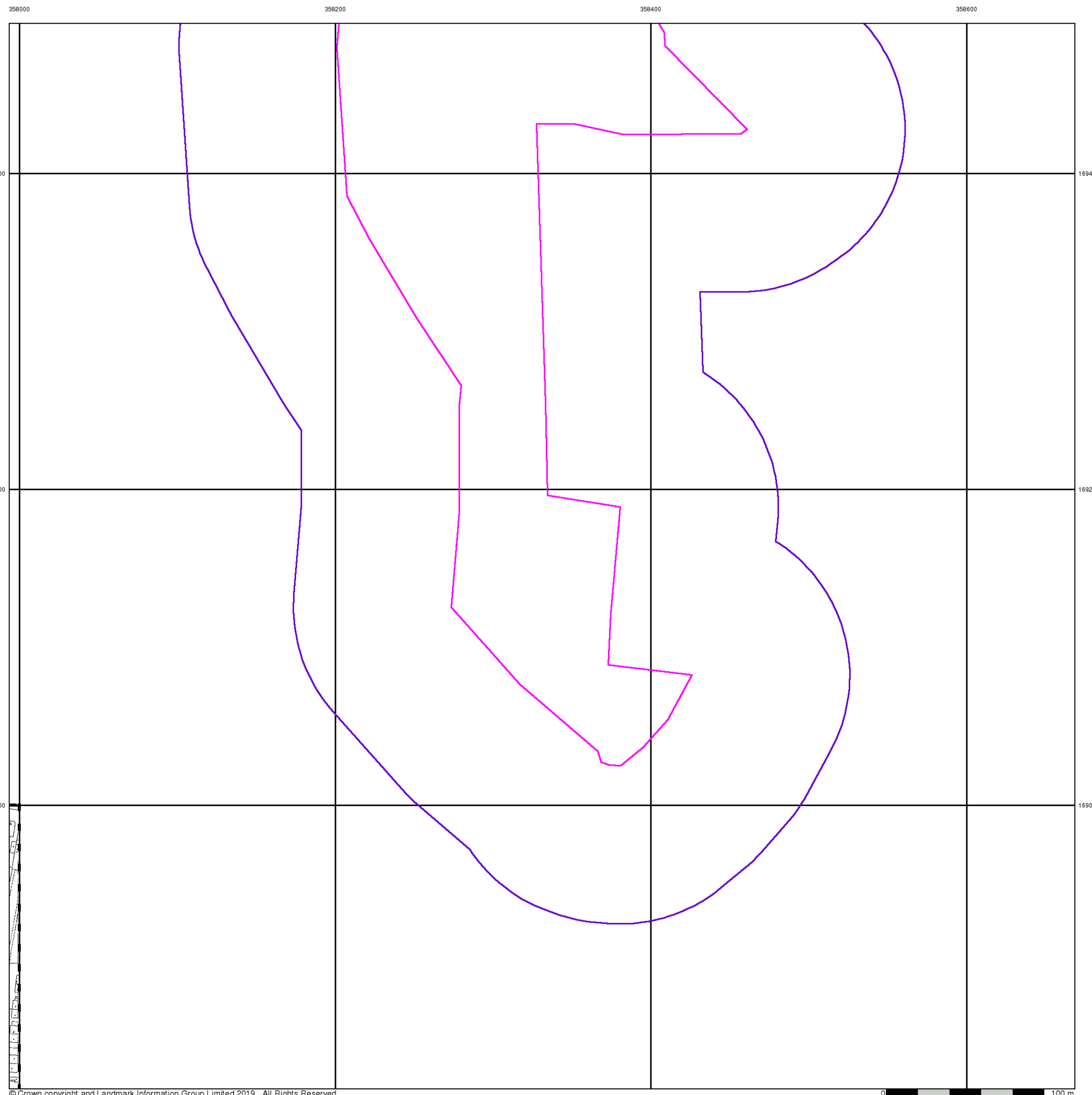
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





358000

358200

358400

358600

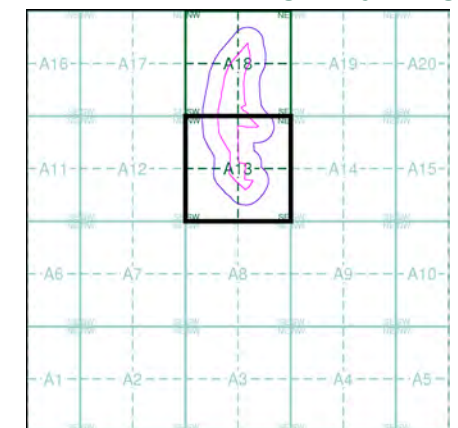


## Historical Aerial Photography

**Published 1999**

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### Historical Aerial Photography - Segment A13



### Order Details

Order Number: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





# Historical Mapping Legends

## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



## Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



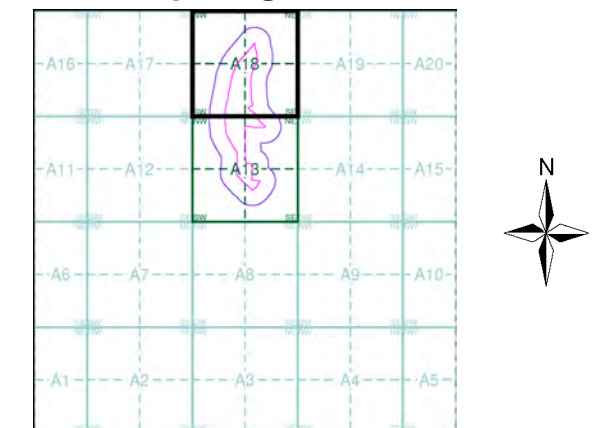
## Large-Scale National Grid Data 1:2,500 and 1:1,250



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1886	2
Gloucestershire	1:2,500	1890	3
Somerset	1:2,500	1903	4
Gloucestershire	1:2,500	1904	5
Gloucestershire	1:2,500	1916	6
Somerset	1:2,500	1916	7
Somerset	1:2,500	1931	8
Ordnance Survey Plan	1:1,250	1947 - 1948	9
Ordnance Survey Plan	1:2,500	1948	10
Ordnance Survey Plan	1:1,250	1950 - 1971	11
Ordnance Survey Plan	1:1,250	1953 - 1978	12
Ordnance Survey Plan	1:2,500	1954 - 1970	13
Additional SIMs	1:2,500	1954	14
Ordnance Survey Plan	1:1,250	1968 - 1978	15
Supply of Unpublished Survey Information	1:1,250	1974 - 1975	16
Ordnance Survey Plan	1:1,250	1978	17
Additional SIMs	1:1,250	1982 - 1989	18
Additional SIMs	1:1,250	1989	19
Large-Scale National Grid Data	1:1,250	1992	20
Large-Scale National Grid Data	1:1,250	1993	21
Historical Aerial Photography	1:2,500	1999	22

## Historical Map - Segment A18



## Order Details

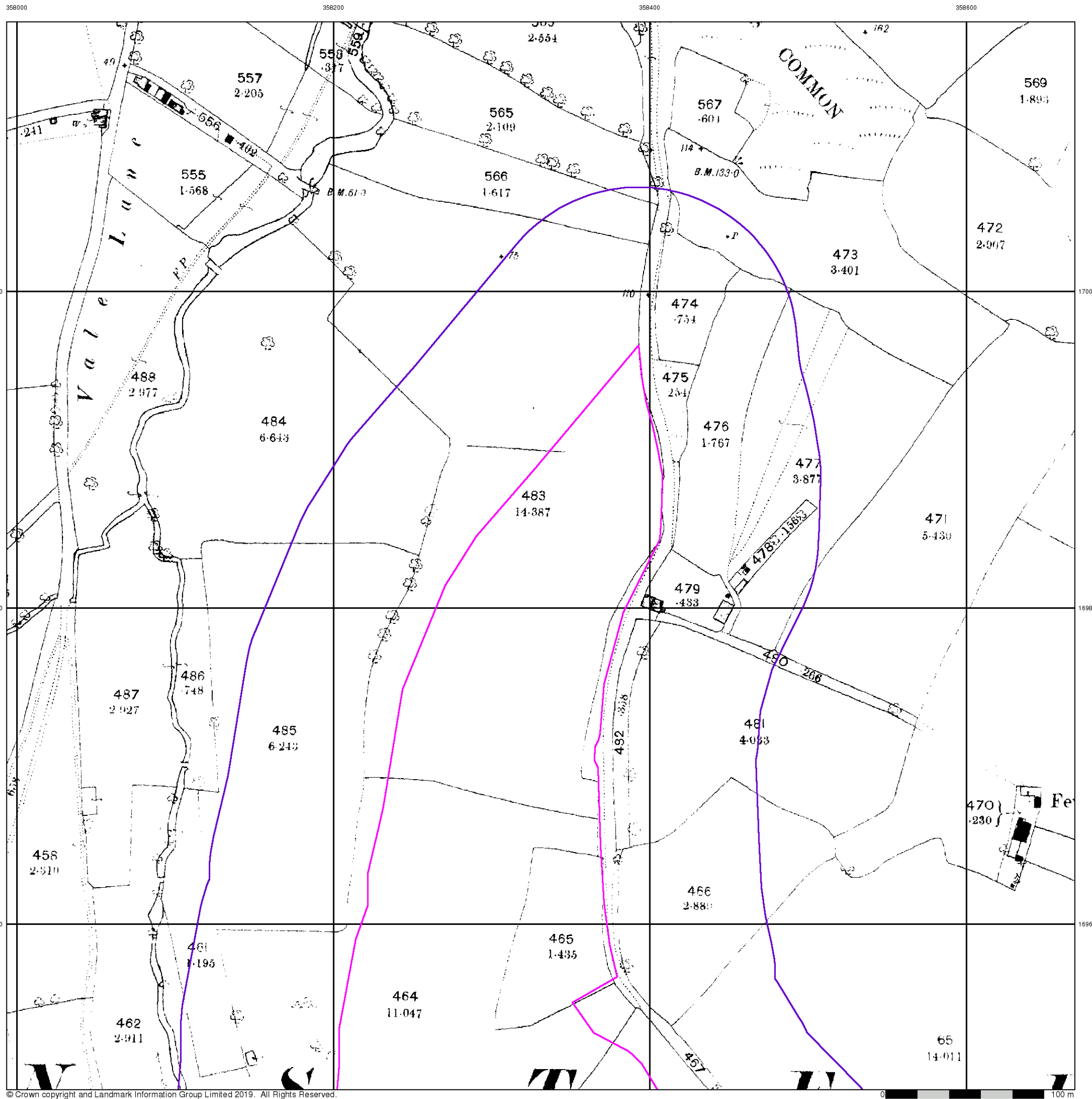
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



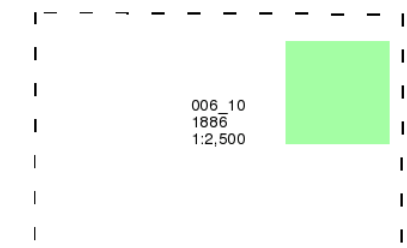
## Somerset

Published 1886

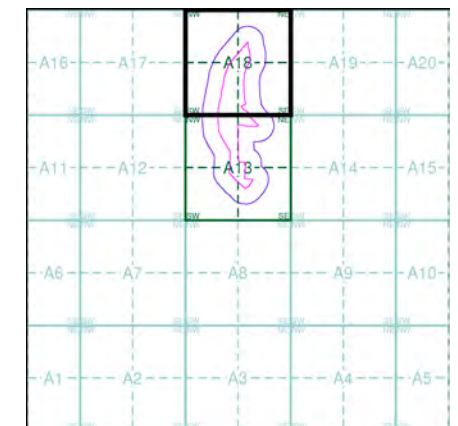
Source map scale - 1:2,500

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

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



## Historical Map - Segment A18



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

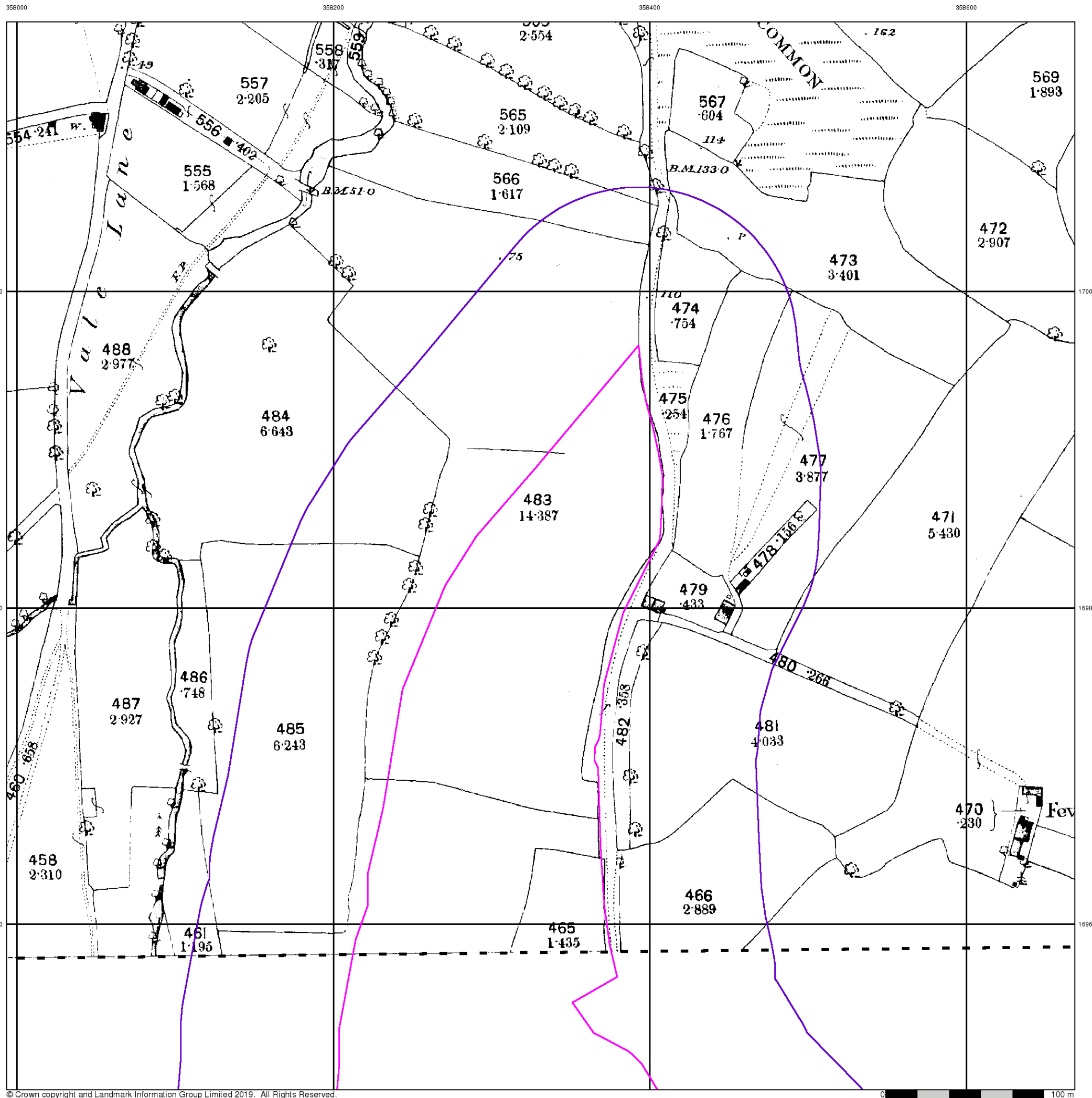
## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



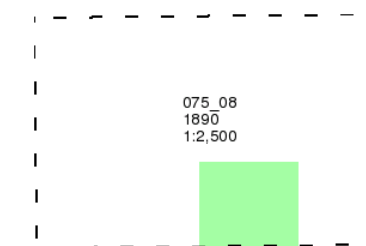
## Gloucestershire

Published 1890

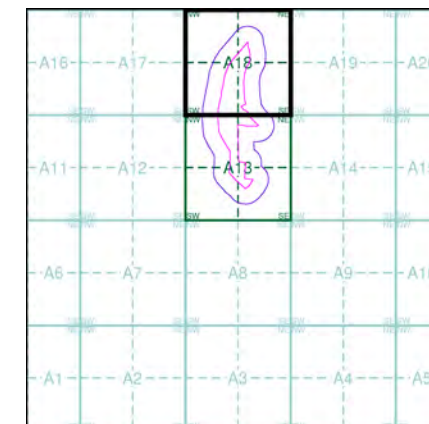
Source map scale - 1:2,500

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

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



### Historical Map - Segment A18



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

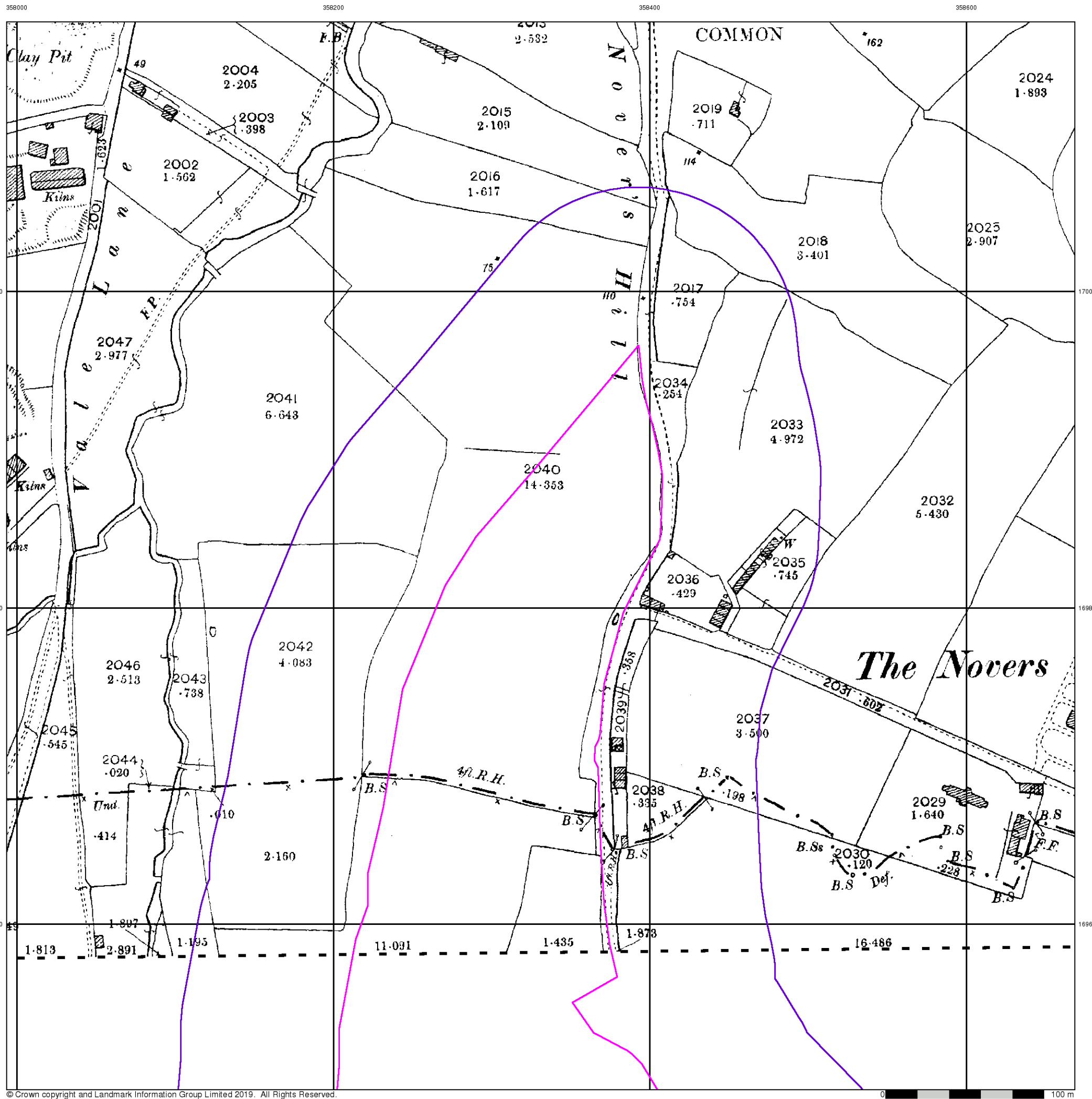
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





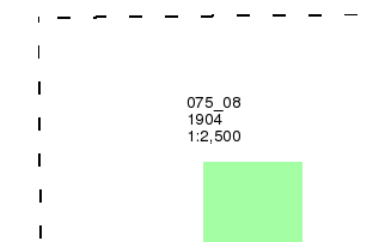
Gloucestershire

Published 1904

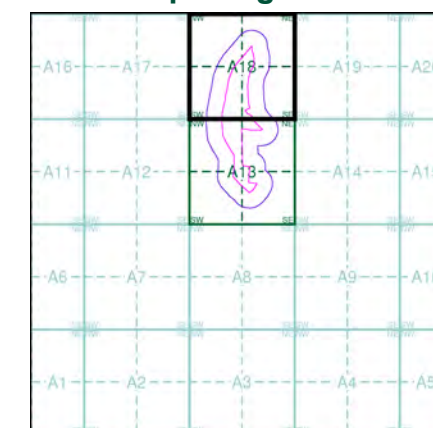
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A18



Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

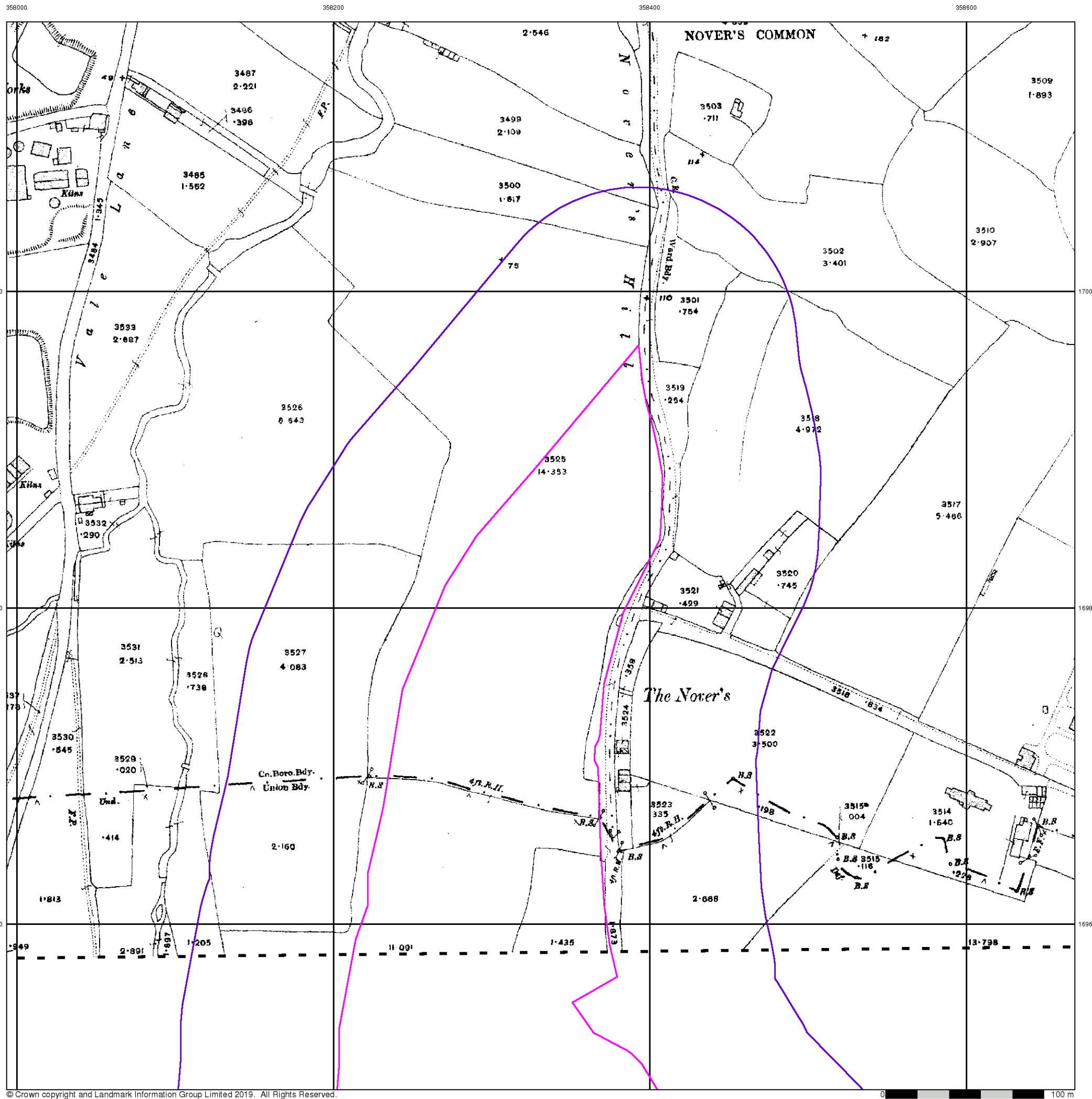
Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



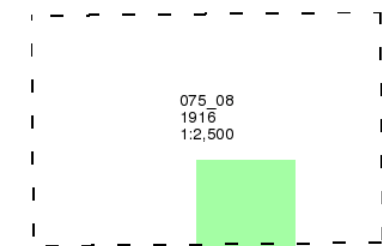
Gloucestershire

Published 1916

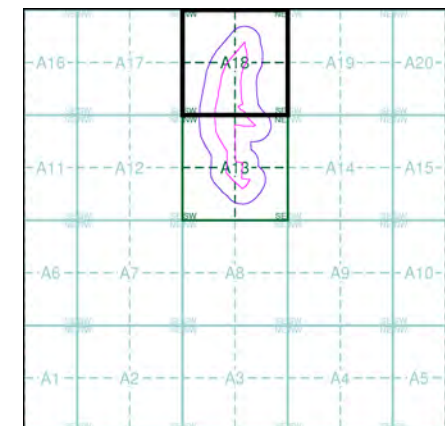
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A18



Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



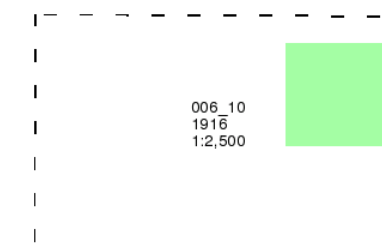
Somerset

Published 1916

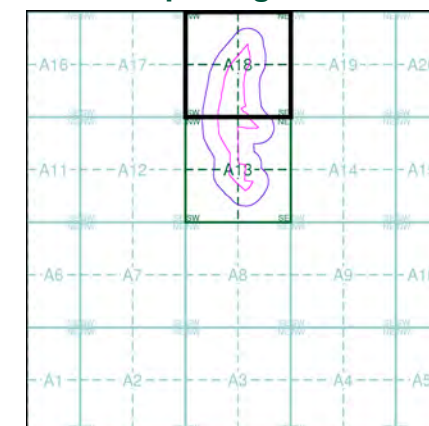
Source map scale - 1:2,500

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

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



### Historical Map - Segment A18



### Order Details

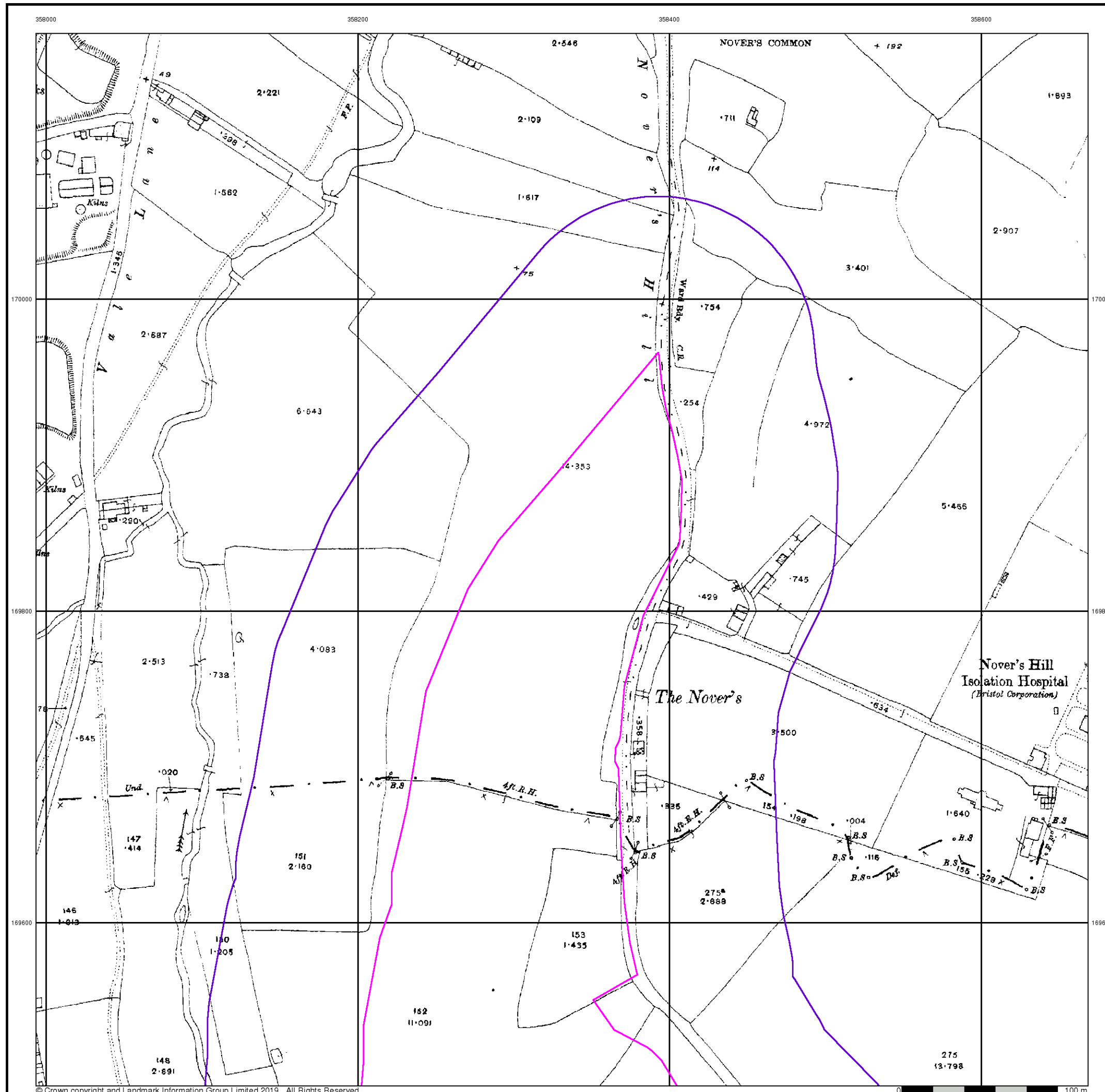
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





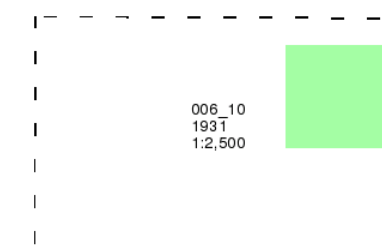
Somerset

Published 1931

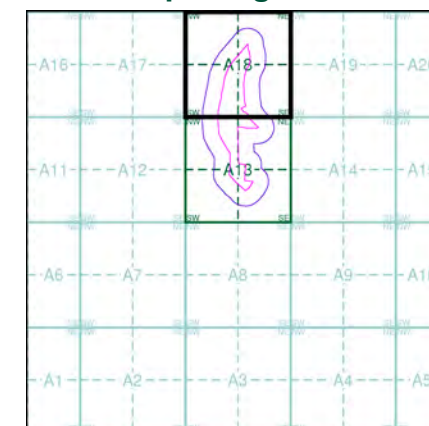
Source map scale - 1:2,500

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

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



### Historical Map - Segment A18



### Order Details

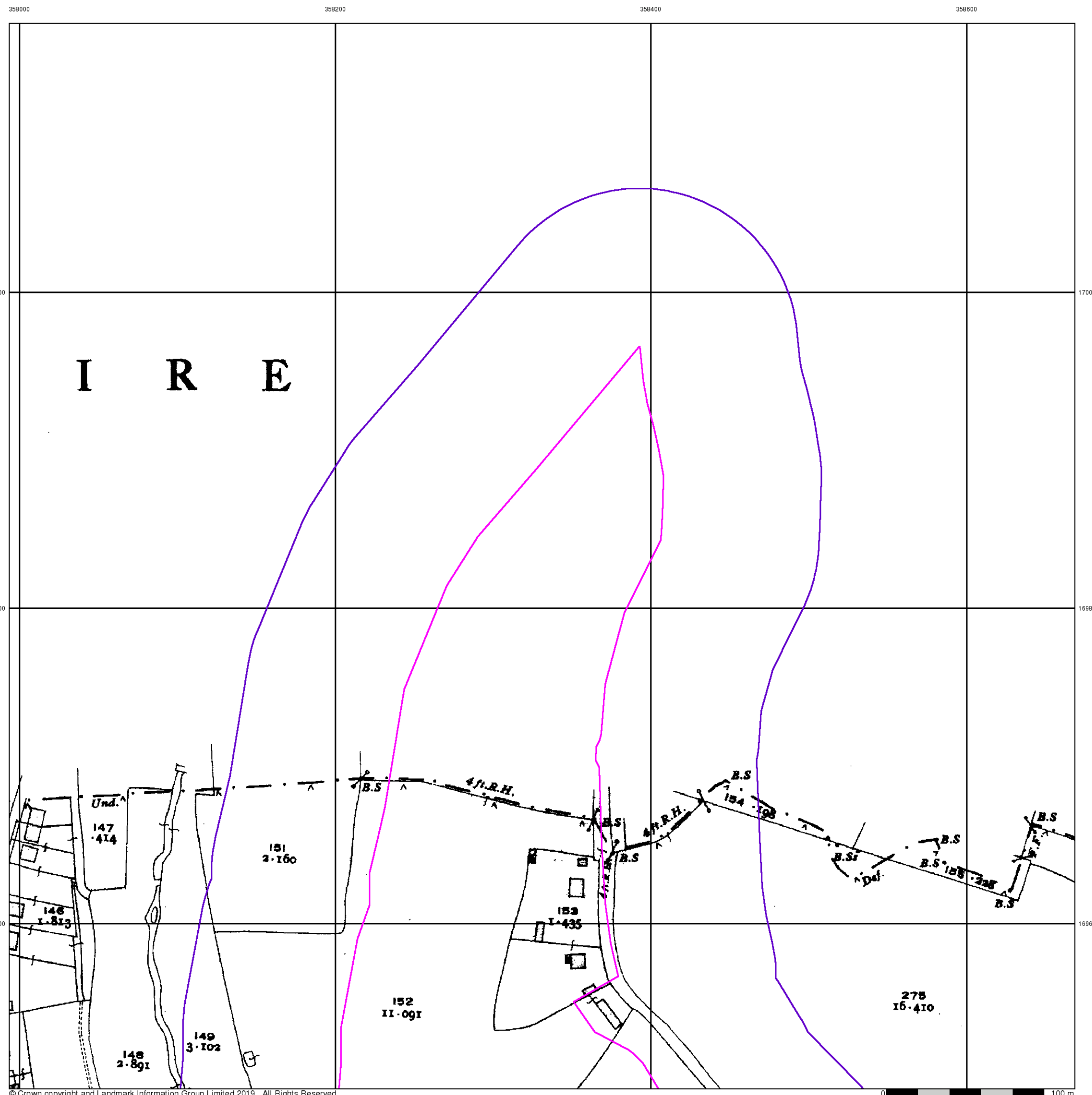
Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





358000

358200

358400

358600



## Ordnance Survey Plan

Published 1947 - 1948

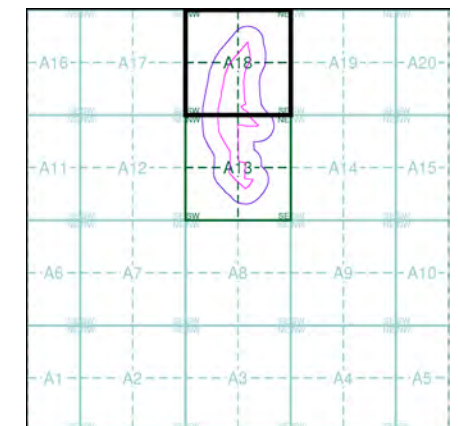
Source map scale - 1:1,250

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

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

ST5770SE	ST5870SW	ST5870SE
1948	1948	1947
1:1,250	1:1,250	1:1,250
ST5769NE	ST5869NW	ST5869NE
1948	1948	1947
1:1,250	1:1,250	1:1,250
ST5769SE	ST5869SW	ST5869SE
1948	1948	1948
1:1,250	1:1,250	1:1,250

## Historical Map - Segment A18



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



## Ordnance Survey Plan

Published 1948

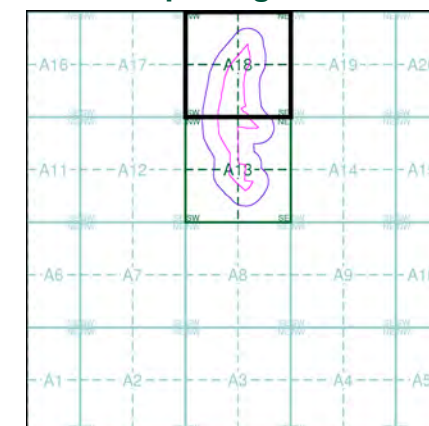
Source map scale - 1:2,500

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

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

ST5770 1948 12,500	ST5870 1948 12,500
ST5769 1948 12,500	ST5869 1948 12,500

### Historical Map - Segment A18



### Order Details

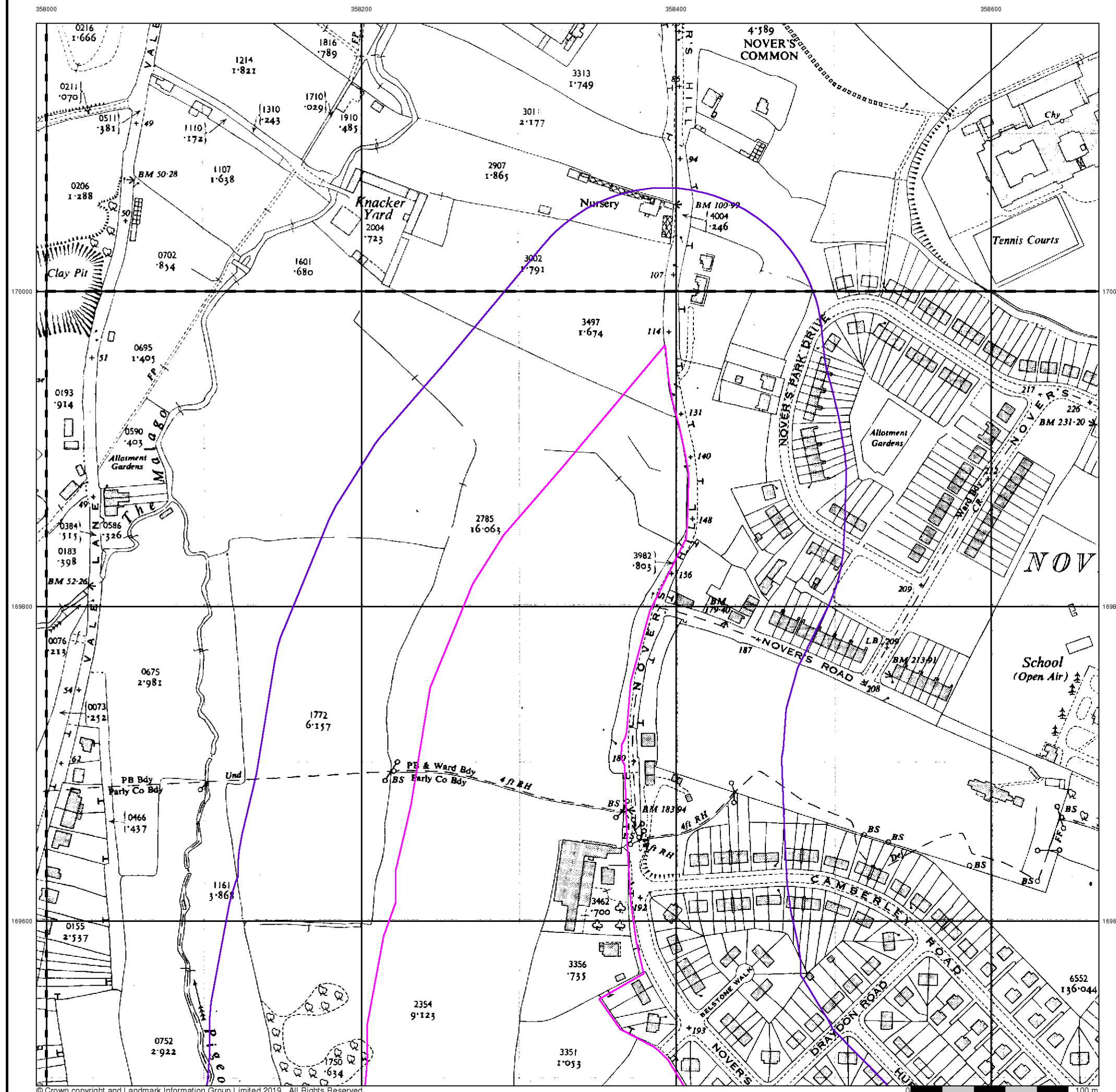
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





358000

358200

358400

358600



## Ordnance Survey Plan

Published 1950 - 1971

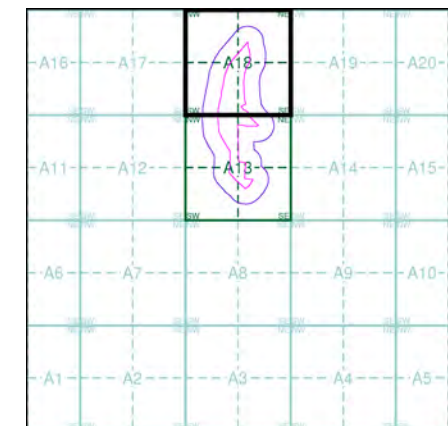
Source map scale - 1:1,250

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

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

ST5770SE	ST5870SW	ST5870SE
1950	1954	1971
1:1,250	1:1,250	1:1,250
ST5769NE	ST5869NW	ST5869NE
1950	1960	1960
1:1,250	1:1,250	1:1,250
ST5769SE	ST5869SW	ST5869SE
1960	1952	1968
1:1,250	1:1,250	1:1,250

## Historical Map - Segment A18



## Order Details

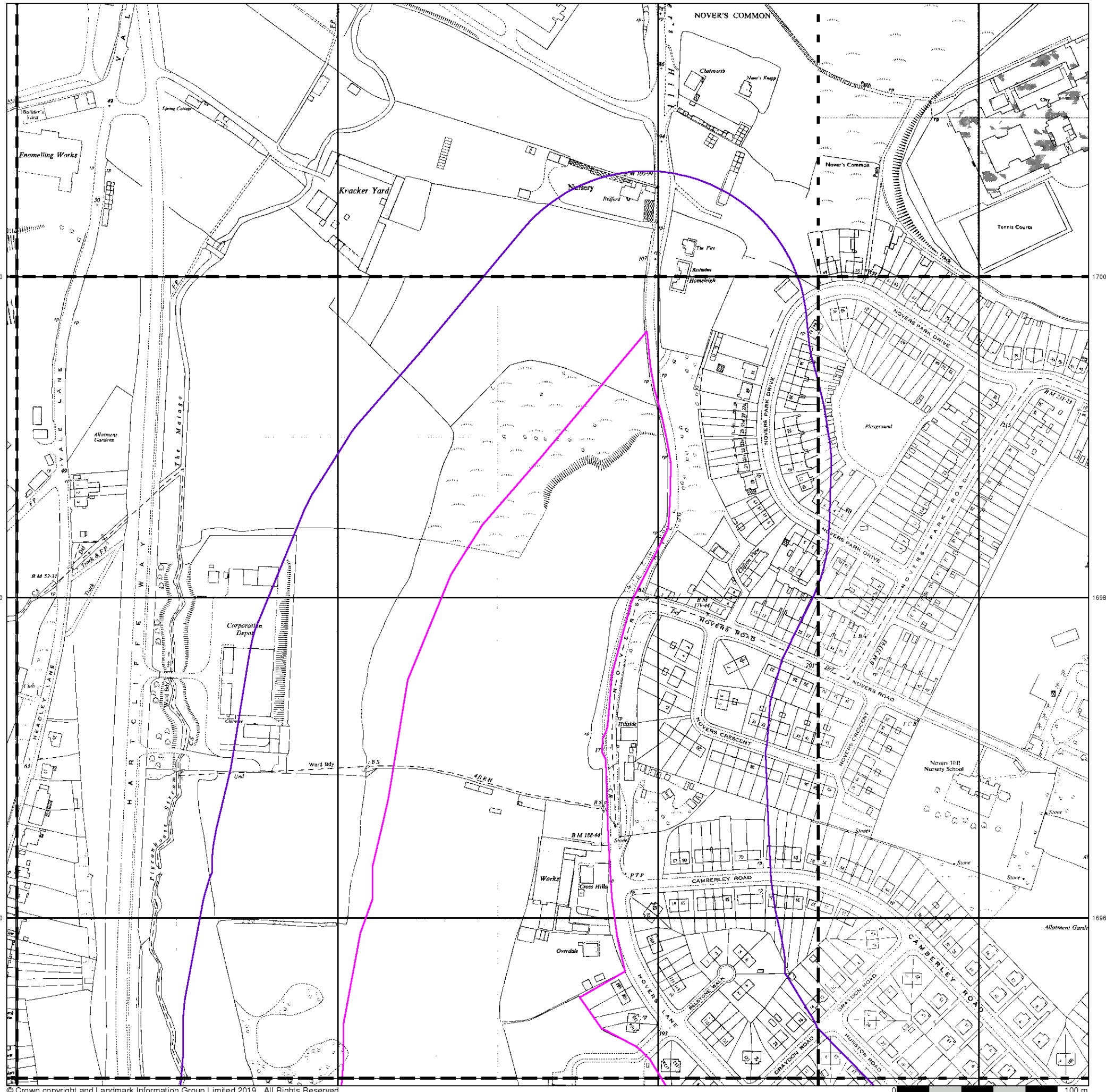
Order Number: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





358000

358200

358400

358600



## Ordnance Survey Plan

Published 1953 - 1978

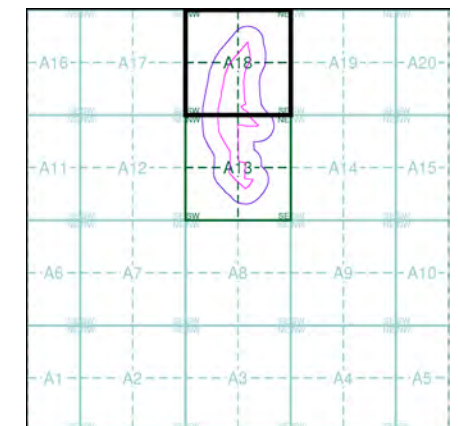
Source map scale - 1:1,250

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

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

ST5770SE	ST5870SW
1953	1971
1:1,250	1:1,250
ST5769NE	ST5869NW
1962	1968
1:1,250	1:1,250
ST5769SE	ST5869SW
1974	1964
1:1,250	1:1,250
ST5869NE	ST5869SE
1973	1978
1:1,250	1:1,250

## Historical Map - Segment A18



## Order Details

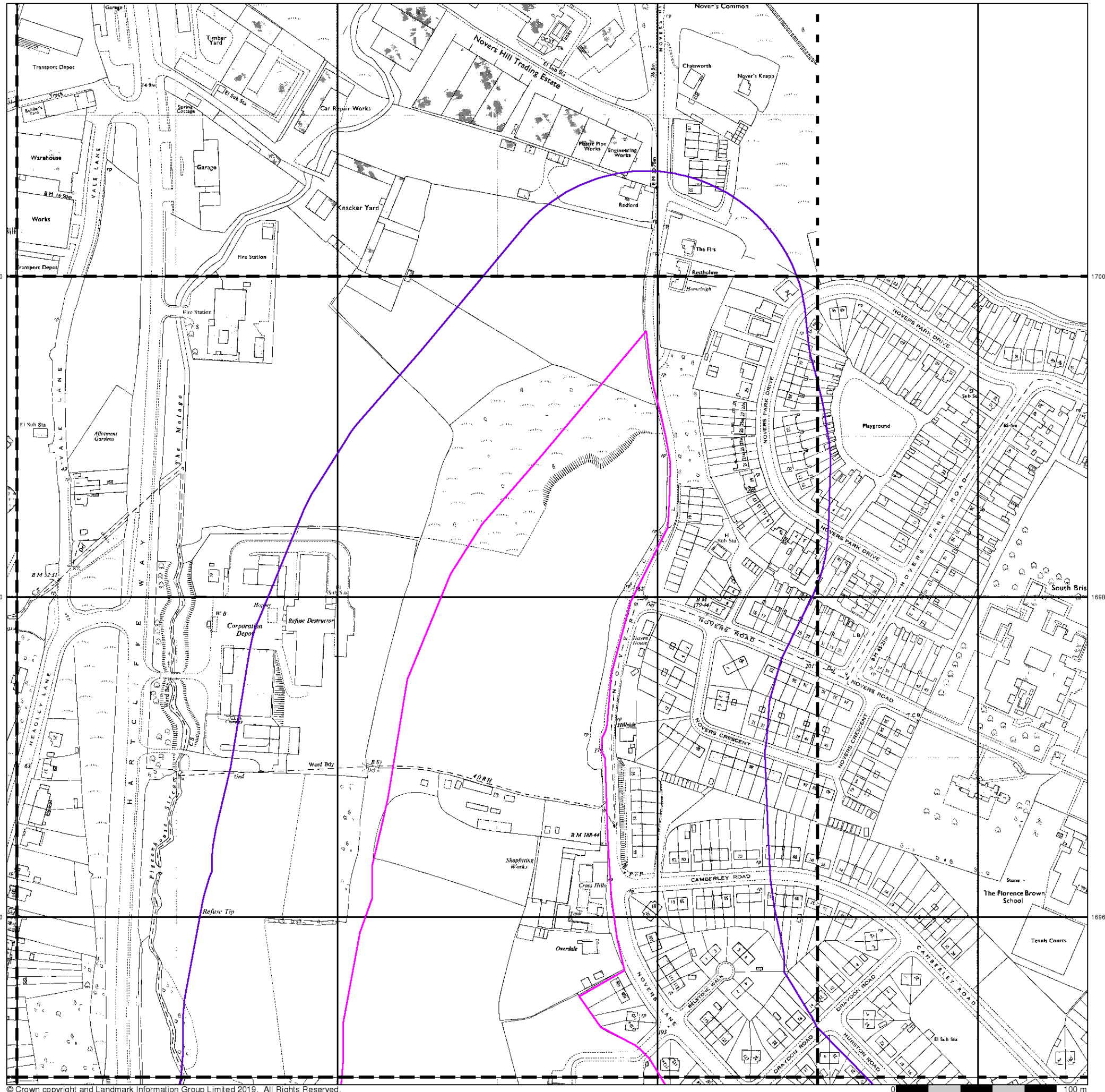
Order Number: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358340, 169200  
 Slice: A  
 Site Area (Ha): 10.65  
 Search Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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









© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



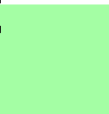
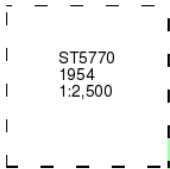
Additional SIMs

Published 1954

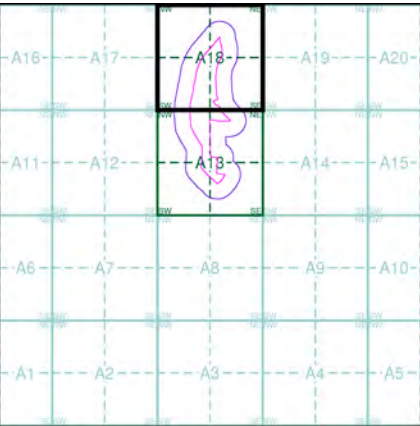
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A18



Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Ordnance Survey Plan

Published 1968 - 1978

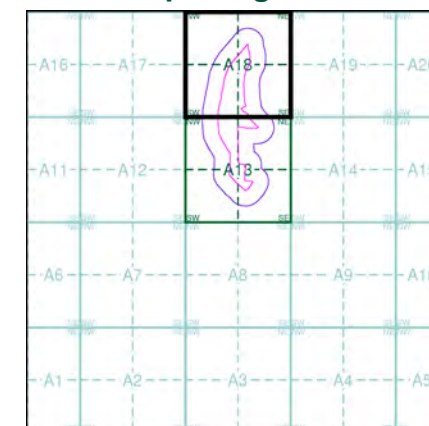
Source map scale - 1:1,250

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

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

ST5770SE  
1972  
1:1,250  
ST5869NW  
1978  
1:1,250  
ST5869SW  
1968  
1:1,250

### Historical Map - Segment A18



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



## Supply of Unpublished Survey Information

Published 1974 - 1975

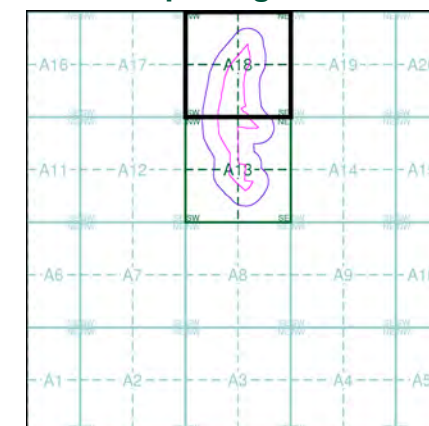
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

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

	ST5870SE	
	1974	
	1:1,250	
ST5769NE		ST5869NE
1975		1975
1:1,250		1:1,250

### Historical Map - Segment A18



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



358000

358200

358400

358600



## Ordnance Survey Plan

Published 1978

Source map scale - 1:1,250

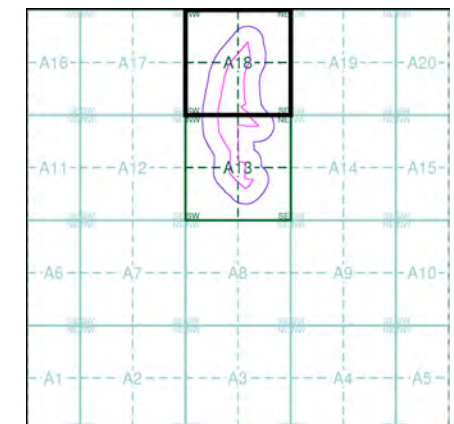
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

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



ST5869SW  
1978  
1:1,250

### Historical Map - Segment A18



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





## Additional SIMs

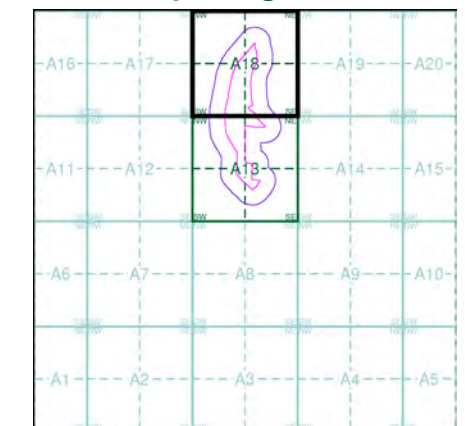
**Published 1982 - 1989**

**Source map scale - 1:1,250**

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

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

## Historical Map - Segment A18



## Order Details

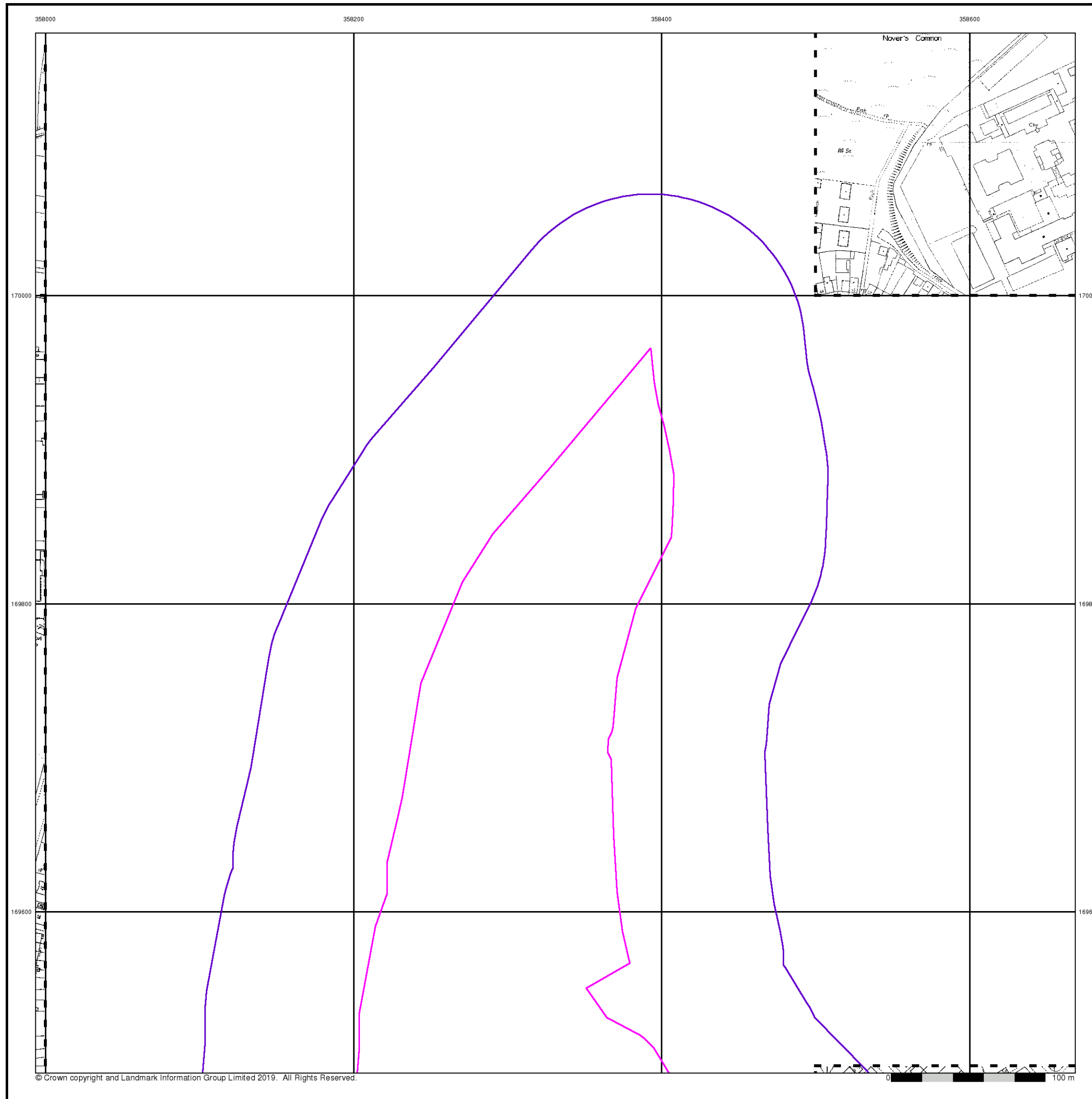
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



### Additional SIMs

Published 1989

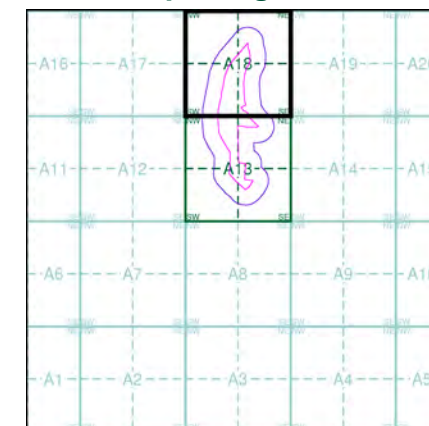
Source map scale - 1:1,250

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

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

ST5770SE 1989 1:1,250	ST5870SE 1989 1:1,250
ST5769NE 1989 1:1,250	ST5869SE 1989 1:1,250

### Historical Map - Segment A18



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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









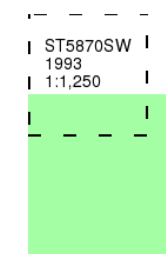
## Large-Scale National Grid Data

Published 1993

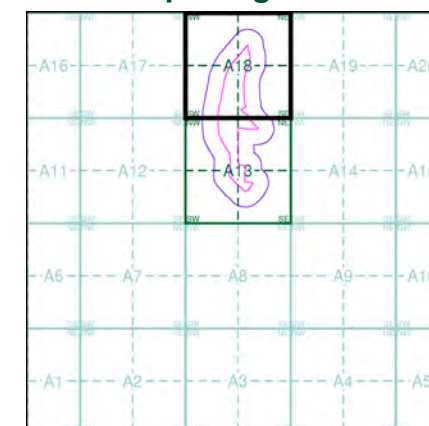
Source map scale - 1:1,250

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

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



### Historical Map - Segment A18



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

358000

358200

358400

358600

170000

170000

169800

169800

169600

169600



358000

358200

358400

358600

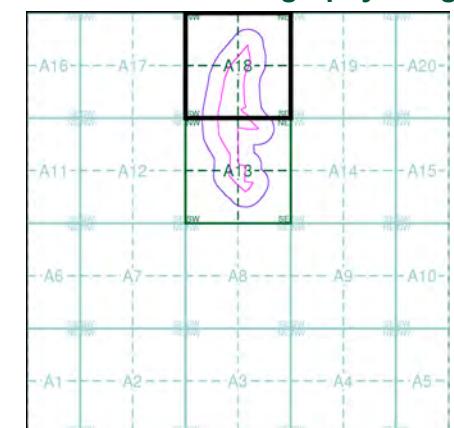


## Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### Historical Aerial Photography - Segment A18



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358340, 169200  
Slice: A  
Site Area (Ha): 10.65  
Search Buffer (m): 100

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

213470193\_1\_1

**Customer Reference:**

60601667\_Novers Hill

**National Grid Reference:**

358380, 170500

**Slice:**

B

**Site Area (Ha):**

10.65

**Search Buffer (m):**

1000

#### Site Details:

39, Novers Hill

Bedminster

BRISTOL

BS3 5QU

#### Client Details:

Ms E Gould

AECOM Environment

Portwall Place

Portwall Lane

Bristol

BS1 6NB



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	7
Hazardous Substances	9
Geological	10
Industrial Land Use	13
Sensitive Land Use	23
Data Currency	24
Data Suppliers	29
Useful Contacts	30

## 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 this 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 2019. 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. © Environment Agency & United Kingdom Research and Innovation 2019. © Natural Resources Wales & United Kingdom Research and Innovation 2019.

## 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.

## Scottish Natural Heritage Copyright

Contains SNH information licensed under the Open Government Licence v3.0.

## Ove Arup Copyright Notice

The Mining Instability data 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 supplied Mining Instability data is 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.

## Natural Resources Wales Copyright Notice

Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Contains Ordnance Survey Data. Ordnance Survey Licence number 100019741. Crown Copyright and Database Right. Contains Natural Resources Wales information © Natural Resources Wales and Database Right. All rights Reserved. Some features of this information are based on digital spatial data licensed from the Centre for Ecology & Hydrology © NERC (CEH). Defra, Met Office and DARD Rivers Agency © Crown copyright. © Cranfield University. © James Hutton Institute. Contains OS data © Crown copyright and database right 2019. Land & Property Services © Crown copyright and database right.

## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			3	5
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	pg 4			2	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4		Yes		
Pollution Incidents to Controlled Waters	pg 4				1
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 Map	pg 4	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 5	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 5		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 5		Yes	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 6		1		2

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 7			1	1
Local Authority Landfill Coverage	pg 7	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 7			2	1
Potentially Infilled Land (Water)	pg 7				3
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 8				1
Registered Waste Treatment or Disposal Sites	pg 8				1
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 9				1
Planning Hazardous Substance Consents	pg 9				2
Planning Hazardous Substance Enforcements					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 10	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 10	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 11				2
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 11	Yes	n/a	n/a	n/a
Mining Instability	pg 11	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 12		Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 12		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 12		Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 12		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 12		Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 13		7	17	50
Fuel Station Entries	pg 19				2
Points of Interest - Commercial Services	pg 19		2	4	22
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 22				6
Points of Interest - Public Infrastructure	pg 22				4
Points of Interest - Recreational and Environmental	pg 22				2
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland					
Areas of Adopted Green Belt	pg 23				1
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	358700 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	358100 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S)	2	1	358200 169700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	125	1	359150 169750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B3SE (NE)	164	1	358380 170500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	203	1	358650 169550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	232	1	357950 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	310	1	358700 170050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	337	1	358750 169650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B3SW (W)	349	1	358000 170350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	371	1	357950 170050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	378	1	357850 169750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	398	1	357950 170100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	407	1	357850 169900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	415	1	357900 170050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	441	1	357850 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	447	1	357800 169850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	452	1	357750 169500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	456	1	357800 169900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	460	1	357850 170050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	469	1	357800 170000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	477	1	357750 169800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B2SE (SW)	490	1	357950 170250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	496	1	357750 169850
1	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Parson Street, Junc With Novers Hill, Bristol, Bs3 5rd Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 011271 Permit Version: 1 Effective Date: 12th September 1989 Issued Date: Not Supplied Revocation Date: 31st March 2002 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Malago <b>Status: Authorisation revoked</b> Positional Accuracy: Located by supplier to within 100m	B3SE (S)	345	2	358370 170310
1	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Parson Street, Junc With Novers Hill, Bristol, Bs3 5rd Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 101823 Permit Version: 2 Effective Date: 25th June 2014 Issued Date: 25th June 2014 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Malago (S) <b>Status: Varied under EPR 2010</b> Positional Accuracy: Located by supplier to within 10m	B3SE (S)	369	2	358340 170330
1	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Parson Street, Junc With Novers Hill, Bristol, Bs3 5rd Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 101823 Permit Version: 1 Effective Date: 1st April 2002 Issued Date: 12th March 2002 Revocation Date: 24th June 2014 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Malago (S) <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	B3SE (S)	369	2	358340 170330
2	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St Johns Lane Storm Overflow, St Johns Lane South Side, Bedminster, Bristol Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 021444 Permit Version: 1 Effective Date: 13th November 1973 Issued Date: 13th November 1973 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Bristol Avon (S) <b>Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961</b> Positional Accuracy: Located by supplier to within 100m	B3NE (N)	842	2	358500 170800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St Johns Lane Cso, Lower Knowle, Bristol, Bs3 5hn Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: 101671 Permit Version: 2 Effective Date: 22nd April 2013 Issued Date: 22nd April 2013 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The Malago (S) <b>Status: Varied under EPR 2010</b> Positional Accuracy: Located by supplier to within 10m	B3NE (N)	868	2	358491 170828
3	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Cso Opp. 198 Bedminster Road, Malagol, Bristol, Bs3 5nq Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 011266 Permit Version: 1 Effective Date: 12th September 1989 Issued Date: Not Supplied Revocation Date: 15th March 2007 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Malago <b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b> Positional Accuracy: Located by supplier to within 100m	B2SE (W)	848	2	357710 170470
4	<b>Discharge Consents</b> Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bedminster Rd Cycle Track Cso, Near 14/15 Lower Knoyle, Malago, Bristol, Bs3 5pe Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 011817 Permit Version: 1 Effective Date: 12th September 1989 Issued Date: Not Supplied Revocation Date: 31st March 2002 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Avon <b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 100m	B8SE (N)	920	2	358490 170880
4	<b>Discharge Consents</b> Operator: Wessex Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bedminster Rd Cycle Track Cso, Near 14/15 Lower Knoyle, Malago, Bristol, Bs3 5pe Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 101670 Permit Version: 1 Effective Date: 31st March 2002 Issued Date: 29th November 2001 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The Malago (S) <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	B8SE (N)	930	2	358490 170890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<b>Local Authority Pollution Prevention and Controls</b> Name: A E Finch Garages Ltd Location: Hartcliffe Way, Bedminster, BRISTOL, Avon, BS3 5RJ Authority: Bristol City Council, Environmental Health Department Permit Reference: EP001 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input <b>Status: Application Withdrawn</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	496	3	357986 170252
5	<b>Local Authority Pollution Prevention and Controls</b> Name: AE Finch Garages Ltd Location: Harcliffe Way, BRISTOL, BS3 5RJ Authority: Bristol City Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles <b>Status: Authorisation revoked</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	496	3	357986 170252
6	<b>Local Authority Pollution Prevention and Controls</b> Name: Highbury Service StationEsso Location: Bedminster Road, BRISTOL, Avon, BS3 5NR Authority: Bristol City Council, Environmental Health Department Permit Reference: Ep150 Dated: 14th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station <b>Status: Authorisation revoked</b> Positional Accuracy: Automatically positioned to the address	B3NW (NW)	724	3	358158 170650
	<b>Nearest Surface Water Feature</b>	B3SW (SW)	212	-	358270 170239
7	<b>Pollution Incidents to Controlled Waters</b> Property Type: No Premises Identified Location: Lynton / Marksburry Road, BRISTOL, Bristol City Authority: Environment Agency, South West Region Pollutant: Inert : Concrete Note: Not Supplied Incident Date: 24th April 1999 Incident Reference: 37010 Catchment Area: Avon (Bristol) Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B3NE (N)	685	2	358400 170650
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SE)	0	4	358698 170000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SE)	0	4	358733 170000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(S)	0	4	358380 170000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	(SE)	0	4	358965 169841
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> Classification: Significant Risk - Problems Unlikely	(S)	0	4	358380 170000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	(SE)	0	4	358698 170000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	(SE)	0	4	358733 170000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	(SE)	0	4	358965 169841
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - B	(S)	0	4	358380 170000
	<b>Superficial Aquifer Designations</b> No Data Available				
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B3SE (NE)	78	2	358380 170500
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	B3SW (S)	212	2	358327 170318
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	B3SW (S)	212	2	358327 170318
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1248.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: The Malago Catchment Name: Avon Bristol Primacy: 1	B3SE (E)	180	5	358404 170502
9	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 126.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	B4NW (NE)	823	5	358685 170746
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	B8SE (N)	993	5	358501 170953

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 27274 Location: 30-32 Sommermead, Bedminster, Bristol, Avon, BS3 5QS Operator Name: Nichols A R Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Metal Recycling Sites (Mixed) <b>Licence Status: Closed</b> Issued: 18th December 1997 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	B3SW (SW)	445	2	358300 170400
12	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 27277 Location: Stenners Yard, St Johns Lane, Bedminster, Bristol, Avon, BS3 5AZ Operator Name: Abacus Bristol Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Household, Commercial And Industrial Transfer Stations <b>Licence Status: Surrendered</b> Issued: 8th December 1997 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 23rd December 2005 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	B3NE (N)	842	2	358500 170800
	<b>Local Authority Landfill Coverage</b> Name: Bristol City Unitary Authority - Has no landfill data to supply		0	6	358380 170500
13	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	B3SW (SW)	304	-	358071 170231
14	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	B3SW (W)	478	-	358049 170379
15	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	B8SE (N)	904	-	358364 170869
16	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1920	B4SW (E)	704	-	358922 170429
17	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	B8SE (N)	908	-	358501 170867
18	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1996	B8SE (N)	956	-	358494 170915



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<b>Registered Waste Transfer Sites</b> Licence Holder: Abacus Bristol Ltd Licence Reference: L/BL/P/340 Site Location: Stenners Yard, St Johns Lane, Bedminster, BRISTOL, Avon, BS3 5AZ Operator Location: 812 Whitchurch Lane, Whitchurch, BRISTOL, Avon, BS14 0RJ Authority: Environment Agency - South West Region, North Wessex Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 8th December 1997 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Construction And Demolition Wastes Excavation Waste Large Bulky Household Items Max.Storage In Licence Max.Waste Permitted By Licence Prohibited Waste: Devon Cat.B: General Waste Spec.Waste (Epa'90:S62/1996 Regs) Waste N.O.S. Waste Of Hazardous Nature Waste Of Toxic Nature	B8SE (NE)	899	2	358550 170850
20	<b>Registered Waste Treatment or Disposal Sites</b> Licence Holder: A R Nichols Licence Reference: L/NS/P/344 Site Location: 30-32 Somermead, Bedminster, Bristol, Avon Operator Location: Chatsworth Bungalow, Novers Hill, BRISTOL, Avon, BS3 5QU Authority: Environment Agency - South West Region, North Wessex Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 18th December 1997 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Cars/Vehicles Electrical Cable Engines/Gearboxes General Ferrous Metals General Machinery General Non-Ferrous Metals Max.Storage In Licence Max.Waste Permitted By Licence Vehicle Batteries Prohibited Waste: Liquid/Sludge N.O.S. Poisonous, Noxious, Polluting Wastes Waste N.O.S.	B3SE (SW)	507	2	358340 170470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Name: Transco Location: Malago House, P O Box 502, Bedminster Road, BRISTOL, Avon, BS99 5RS Status: <b>Not Active</b> Positional Accuracy: Manually positioned to the address or location	B3NE (N)	704	7	358391 170669
22	<b>Planning Hazardous Substance Consents</b> Name: Bg Transco Plc Location: Malago Vale Gas Works, Bedminster Road, Bedminster, BRISTOL, Avon, . Authority: Bristol City Council, Planning Department Application Ref: 00/01487/W/5 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 32.4 Application date: 3rd May 2000 Decision: <b>New application granted conditionallyGranted</b> Positional Accuracy: Manually positioned to the address or location	B3NE (N)	709	8	358391 170674
22	<b>Planning Hazardous Substance Consents</b> Name: British Gas Plc Location: Malago House, Bedminster Road, Bedminster, Bristol, Avon, Bs99 7tq Authority: Bristol City Council, Planning Department Application Ref: Hsdc/12 Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Gas or gases flammable in air, when held as a gas, where amount held is >= 15tonnes Maximum Quantity: 64.8 Application date: 14th September 1992 Decision: <b>Deemed consent granted between June 1992 and November 1992Granted</b> Positional Accuracy: Manually positioned to the address or location	B3NE (N)	709	8	358391 170674

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Lias Group	(SE)	0	1	358775 169907
	<b>BGS 1:625,000 Solid Geology</b> Description: Triassic Rocks (Undifferentiated)	B3SE (NE)	0	1	358380 170500
	<b>BGS Estimated Soil Chemistry</b> 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 mg/kg Nickel: 30 - 45 mg/kg Concentration:	(SE)	0	1	358672 170026
	<b>BGS Estimated Soil Chemistry</b> 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 mg/kg Nickel: 15 - 30 mg/kg Concentration:	B3SW (W)	0	1	358313 170506
	<b>BGS Estimated Soil Chemistry</b> 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: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	(SE)	0	1	358728 170028
	<b>BGS Estimated Soil Chemistry</b> 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: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 30 - 45 mg/kg Concentration:	B2SW (W)	163	1	357620 170310
	<b>BGS Estimated Soil Chemistry</b> 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: 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	B3SE (NE)	177	1	358380 170500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	B4SW (SE)	593	1	359000 170172
	<b>BGS Estimated Soil Chemistry</b> 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:	B4SW (E)	809	1	359000 170500
	<b>BGS Estimated Soil Chemistry</b> 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 mg/kg Nickel 15 - 30 mg/kg Concentration:	B8SE (NE)	953	1	358563 170904
23	<b>BGS Recorded Mineral Sites</b> Site Name: South Bristol Brick & Tile Works Location: Bedminster Down, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 61483 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	B2SE (SW)	558	1	357951 170307
24	<b>BGS Recorded Mineral Sites</b> Site Name: Malagoo Vale Works Location: Bedminster, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 227909 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	B8SW (N)	964	1	358255 170919
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	B3SE (NE)	0	9	358380 170500
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	B3SE (NE)	0	-	358380 170500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B3SE (E)	35	1	358493 170470
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B3SE (NE)	177	1	358380 170500
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B3SE (E)	35	1	358493 170470
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B3SE (NE)	177	1	358380 170500
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B3SE (NE)	35	1	358380 170500
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B3SE (S)	35	1	358424 170186
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B3SE (E)	44	1	358540 170457
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B3SE (NE)	87	1	358380 170500
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B3SE (E)	35	1	358493 170470
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B3SE (NE)	177	1	358380 170500
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B3SE (NE)	35	1	358380 170500
	<b>Radon Potential - Radon Affected Areas</b> No Data Available				
	<b>Radon Potential - Radon Protection Measures</b> No Data Available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<b>Contemporary Trade Directory Entries</b> Name: Premier Hams Location: Units 10-11, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Meat Product Manufacturers & Wholesalers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	B3SE (S)	215	-	358342 170174
25	<b>Contemporary Trade Directory Entries</b> Name: Service Master Location: Unit 12, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Commercial Cleaning Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B3SE (S)	218	-	358345 170178
25	<b>Contemporary Trade Directory Entries</b> Name: Aaron Metal & Plastic Supplies Ltd Location: Unit 7-8, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Aluminium Fabricators <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3SE (S)	226	-	358352 170188
25	<b>Contemporary Trade Directory Entries</b> Name: Avonaire Ltd Location: Unit 3, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Air Conditioning & Refrigeration Contractors <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B3SW (S)	236	-	358318 170189
25	<b>Contemporary Trade Directory Entries</b> Name: Jeff Watts Location: Unit 4, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3SW (S)	239	-	358321 170194
25	<b>Contemporary Trade Directory Entries</b> Name: G J Treasure Cleaning Contractors Location: Unit 6, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Commercial Cleaning Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B3SW (S)	248	-	358327 170204
25	<b>Contemporary Trade Directory Entries</b> Name: Gj Treasure Location: Unit 6, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, Avon, BS3 5QE Classification: Commercial Cleaning Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	B3SW (S)	250	-	358326 170206
25	<b>Contemporary Trade Directory Entries</b> Name: Brunel Preservations Ltd Location: Unit 32, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Damp & Dry Rot Control <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B3SW (S)	259	-	358309 170210
25	<b>Contemporary Trade Directory Entries</b> Name: Bristol Stained Glass Ltd Location: Unit 29, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Stained Glass Designers & Producers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B3SW (S)	274	-	358278 170214
25	<b>Contemporary Trade Directory Entries</b> Name: Ora Technologies Location: Unit 30, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Metal Finishing Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3SW (S)	277	-	358280 170218
25	<b>Contemporary Trade Directory Entries</b> Name: Ora Technology Location: Unit 30-31, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Metal Finishing Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B3SW (S)	277	-	358280 170218



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<b>Contemporary Trade Directory Entries</b> Name: Kenton Technical Products Location: Unit 25-26, Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Classification: Tungsten Tool Manufacturers & Distributors <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B3SW (S)	264	-	358254 170190
27	<b>Contemporary Trade Directory Entries</b> Name: George Taylor Ltd Location: 137, Parson Street, Bristol, BS3 5RB Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3SW (SW)	406	-	358264 170351
27	<b>Contemporary Trade Directory Entries</b> Name: George Taylor Ltd Location: 137, Parson Street, Bristol, Avon, BS3 5RB Classification: Road Haulage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3SW (SW)	406	-	358264 170351
28	<b>Contemporary Trade Directory Entries</b> Name: Bristol Fireplaces Installers Location: Cowl House, Hastings Road, Bristol, Avon, BS3 5RE Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	B3SW (SW)	413	-	358175 170316
29	<b>Contemporary Trade Directory Entries</b> Name: Quality Print Finishers Location: Unit 10, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Print Finishers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3SW (SW)	460	-	358014 170230
29	<b>Contemporary Trade Directory Entries</b> Name: A P Windows Location: Unit 10, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Window Frame Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3SW (SW)	460	-	358014 170230
29	<b>Contemporary Trade Directory Entries</b> Name: M B S Car Sales Location: Bristol Vale Trading Est, Hartcliffe Way, Bristol, BS3 5RJ Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	B3SW (SW)	464	-	358035 170260
29	<b>Contemporary Trade Directory Entries</b> Name: Apple Litho Location: Unit 16, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	478	-	357990 170229
29	<b>Contemporary Trade Directory Entries</b> Name: C G Addicott Ltd Location: Unit 16, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	478	-	357990 170229
29	<b>Contemporary Trade Directory Entries</b> Name: Barnes Press Ltd Location: Unit 15, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3SW (SW)	490	-	357995 170254
29	<b>Contemporary Trade Directory Entries</b> Name: Walker Morris Sheet Metal Co Ltd Location: Unit 3/5, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Sheet Metal Work <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	496	-	357986 170252

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	<b>Contemporary Trade Directory Entries</b> Name: Rentokil Specialist Hygiene Location: Unit 4, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Commercial Cleaning Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	506	-	357967 170246
29	<b>Contemporary Trade Directory Entries</b> Name: Agenda Marketing Location: Unit 4, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	506	-	357967 170246
29	<b>Contemporary Trade Directory Entries</b> Name: Rentokil Pest Control Location: Unit 4, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Pest & Vermin Control <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	506	-	357967 170246
29	<b>Contemporary Trade Directory Entries</b> Name: Scrapys Scrap Car Collection Location: Hartcliffe Way, Bristol Vale Trading Estate, Bristol, Avon, BS3 5RJ Classification: Car Breakdown & Recovery Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	B2SE (SW)	511	-	357951 170234
29	<b>Contemporary Trade Directory Entries</b> Name: Car-Tek Location: Unit 11, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	511	-	357951 170234
29	<b>Contemporary Trade Directory Entries</b> Name: Scrapys Scrap Car Collection Location: Bristol Vale Trading Est, Hartcliffe Way, Bristol, Avon, BS3 5RJ Classification: Scrap Yards <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	B2SE (SW)	511	-	357951 170234
29	<b>Contemporary Trade Directory Entries</b> Name: Car Tek Location: Unit 11, Bristol Vale Trading Estate, Hartcliffe Way, Bedminster, Bristol, Avon, BS3 5RJ Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	512	-	357951 170234
29	<b>Contemporary Trade Directory Entries</b> Name: Rentokil Property Care Location: Unit 11, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Damp & Dry Rot Control <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	512	-	357951 170234
30	<b>Contemporary Trade Directory Entries</b> Name: Shell Location: Hartcliffe Way, Bristol, Avon, BS3 5RH Classification: Petrol Filling Stations <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	B3SW (SW)	464	-	358058 170286
31	<b>Contemporary Trade Directory Entries</b> Name: Keyline Builders Merchants Location: Hartcliffe Way, Bristol, BS3 5RH Classification: Builders' Merchants <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	489	-	357929 170174
31	<b>Contemporary Trade Directory Entries</b> Name: Elliott Plastics Location: Unit 18, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Stationery Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SE (SW)	538	-	357885 170198

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<b>Contemporary Trade Directory Entries</b> Name: K C Digital Services Ltd Location: Unit 20, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Office Equipment Servicing & Maintenance <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B2SE (SW)	550	-	357882 170213
31	<b>Contemporary Trade Directory Entries</b> Name: Golden Hill Design Ltd Location: Unit 21, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Furniture Manufacturers - Home & Office <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	B2SE (SW)	556	-	357880 170219
32	<b>Contemporary Trade Directory Entries</b> Name: Costi Kitchens Location: Unit 13, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, Avon, BS3 5RJ Classification: Cabinet Makers <b>Status:</b> Active Positional Accuracy: Manually positioned to the address or location	B2SE (SW)	509	-	357945 170224
32	<b>Contemporary Trade Directory Entries</b> Name: Alexander Location: Unit 13, Bristol Vale Trading Est, Hartcliffe Way, Bristol, Avon, BS3 5RJ Classification: Furniture - Reproduction <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	B2SE (SW)	510	-	357944 170223
32	<b>Contemporary Trade Directory Entries</b> Name: Avon Online Security Location: Unit 14, Bristol Vale Trading Est, Hartcliffe Way, Bristol, Avon, BS3 5RJ Classification: Autogas Suppliers & Installers <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	B2SE (SW)	512	-	357935 170216
32	<b>Contemporary Trade Directory Entries</b> Name: Scrap A Car For Cash Location: Unit 14a, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Car Breakdown & Recovery Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	B2SE (SW)	515	-	357935 170220
32	<b>Contemporary Trade Directory Entries</b> Name: Harvey Servicing & Engineering Location: Unit 14, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Engineers - General <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B2SE (SW)	515	-	357935 170220
32	<b>Contemporary Trade Directory Entries</b> Name: The Transmission Workshop Ltd Location: Unit 14, Bristol Vale Trading Estate, Hartcliffe Way, BRISTOL, BS3 5RJ Classification: Gearboxes <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	B2SE (SW)	515	-	357935 170220
32	<b>Contemporary Trade Directory Entries</b> Name: At One Security Services Ltd Location: Unit 14, Bristol Vale Trading Est, Hartcliffe Way, Bristol, Avon, BS3 5RJ Classification: Autogas Suppliers & Installers <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	B2SE (SW)	515	-	357934 170220
33	<b>Contemporary Trade Directory Entries</b> Name: Redcatch Supplies Ltd Location: Locks Yard Caravan Site, Hartcliffe Way, BRISTOL, BS3 5RH Classification: Builders' Merchants <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B3SW (SW)	522	-	358027 170338
34	<b>Contemporary Trade Directory Entries</b> Name: Apostol Ceramics Location: 17, Lurgan Walk, Bristol, Avon, BS4 1PP Classification: Ceramic Manufacturers, Supplies & Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B4SW (E)	563	-	358790 170364
35	<b>Contemporary Trade Directory Entries</b> Name: William Morgan Saab Specialist Location: 2a, Highbury Road, Bedminster, Bristol, BS3 5NT Classification: Garage Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	B3SW (W)	573	-	358066 170436



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	<b>Contemporary Trade Directory Entries</b> Name: Avon County Blinds Location: Unit 22, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Blinds, Awnings & Canopies <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B2SE (SW)	580	-	357874 170249
36	<b>Contemporary Trade Directory Entries</b> Name: Avon County Blinds Location: Unit 22, Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Classification: Blinds, Awnings & Canopies <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	B2SE (SW)	580	-	357874 170249
37	<b>Contemporary Trade Directory Entries</b> Name: Rotaprint International Location: 8, Cavan Walk, Bristol, BS4 1PN Classification: Printing Equipment Manufacturers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B4SW (E)	627	-	358925 170296
38	<b>Contemporary Trade Directory Entries</b> Name: Teds Tyres Location: 46a, Parson Street, Bristol, BS3 5QG Classification: Tyre Dealers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B3SW (W)	637	-	358044 170498
39	<b>Contemporary Trade Directory Entries</b> Name: Ocean Rubbish Clearance Location: 125, Glyn Vale, Bristol, BS3 5JE Classification: Rubbish Clearance <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B4SW (E)	652	-	358913 170358
39	<b>Contemporary Trade Directory Entries</b> Name: Oceana Rubbish Clearance Location: 125, Glyn Vale, Bristol, BS3 5JE Classification: Rubbish Clearance <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B4SW (E)	652	-	358913 170358
40	<b>Contemporary Trade Directory Entries</b> Name: Highbury Motors Location: Bedminster Road, Bristol, Avon, BS3 5NR Classification: Car Dealers <b>Status:</b> Inactive Positional Accuracy: Manually positioned within the geographical locality	B3NW (W)	695	-	358025 170555
41	<b>Contemporary Trade Directory Entries</b> Name: Highbury Service Station Location: Bedminster Road, Bristol, BS3 5NR Classification: Petrol Filling Stations <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B3NW (NW)	724	-	358158 170650
42	<b>Contemporary Trade Directory Entries</b> Name: A38 Van Sales Location: 174, Bedminster Road, Bristol, BS3 5NQ Classification: Car Dealers - Used <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	B2NE (W)	775	-	357852 170521
42	<b>Contemporary Trade Directory Entries</b> Name: Bedminster South Filling Station Location: 174, Bedminster Road, Bristol, BS3 5NQ Classification: Gas Suppliers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B2NE (W)	783	-	357850 170529
42	<b>Contemporary Trade Directory Entries</b> Name: A 38 Van Sales Location: 174, Bedminster Road, Bristol, BS3 5NQ Classification: Commercial Vehicle Dealers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	B2NE (W)	783	-	357850 170529
43	<b>Contemporary Trade Directory Entries</b> Name: All Clean (Bristol) Ltd Location: 16, Parson Street, Bristol, Avon, BS3 5PT Classification: Commercial Cleaning Services <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	B2NE (W)	781	-	357931 170596

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	<b>Contemporary Trade Directory Entries</b> Name: Graphic Image (Business Forms) Ltd Location: Malago House, Bedminster Road, Bristol, BS3 5PE Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3NE (N)	862	-	358434 170827
45	<b>Contemporary Trade Directory Entries</b> Name: West Street Autobodies Location: Stenners Yard, St. Johns Lane, BRISTOL, BS3 5BD Classification: Car Body Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B3NE (NE)	874	-	358590 170817
46	<b>Contemporary Trade Directory Entries</b> Name: T J Auto'S Location: 1-21, Bedminster Down Road, Bristol, Avon, BS13 7AB Classification: Car Body Repairs <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B2NE (W)	908	-	357796 170650
46	<b>Contemporary Trade Directory Entries</b> Name: Ashton Motor Care Location: 23-25, Bedminster Down Road, Bristol, BS13 7AB Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	B2NE (W)	928	-	357760 170644
47	<b>Contemporary Trade Directory Entries</b> Name: The Snm Group Location: 58, Kenmare Road, Bristol, BS4 1PB Classification: Car Engine Tuning & Diagnostic Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B4SE (E)	937	-	359267 170301
48	<b>Contemporary Trade Directory Entries</b> Name: Newavon Arms Location: 28, Bedminster Road, Bristol, BS3 5PD Classification: Gunsmiths <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B8SE (N)	938	-	358392 170903
49	<b>Contemporary Trade Directory Entries</b> Name: Craftsmanship Fireplace Centre Location: 31, Bedminster Down Road, Bristol, BS13 7AB Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2NE (W)	943	-	357711 170617
49	<b>Contemporary Trade Directory Entries</b> Name: Allpest Control Ltd Location: St. Dunstons House, Bedminster Down Road, Bristol, BS13 7AB Classification: Pest & Vermin Control <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2NE (W)	951	-	357688 170603
50	<b>Contemporary Trade Directory Entries</b> Name: A1 Beekeepers Location: 174, Bedminster Down Road, Bristol, BS13 7AF Classification: Pest & Vermin Control <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SW (W)	945	-	357414 170211
50	<b>Contemporary Trade Directory Entries</b> Name: Ppc Print & Promotions Co Ltd Location: 192, Bedminster Down Road, Bristol, Avon, BS13 7AF Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SW (W)	963	-	357382 170184
51	<b>Contemporary Trade Directory Entries</b> Name: S M G Print Services Location: 154-160, Bedminster Down Road, Bristol, Avon, BS13 7AF Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SW (W)	947	-	357436 170260
51	<b>Contemporary Trade Directory Entries</b> Name: C V Cooksley Location: 142, Bedminster Down Road, Bristol, BS13 7AF Classification: Coal & Smokeless Fuel Merchants & Distributors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SW (W)	954	-	357451 170301

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	<b>Contemporary Trade Directory Entries</b> Name: Bedminster Road Garage Sales Ltd Location: 228-230, Bedminster Road, Bristol, BS3 5NQ Classification: Garage Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	B2SW (W)	948	-	357589 170484
52	<b>Contemporary Trade Directory Entries</b> Name: Bedminster Car Centre Location: Time Garage, Bedminster Down Road, BRISTOL, BS13 7AB Classification: Car Dealers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	B2SW (W)	948	-	357589 170484
53	<b>Contemporary Trade Directory Entries</b> Name: Bristol Waste Clearance Location: 86, Bedminster Down Road, BRISTOL, BS13 7AF Classification: Waste Disposal Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	B2SW (W)	978	-	357529 170458
54	<b>Contemporary Trade Directory Entries</b> Name: Nationwide Autocentre Location: 237, West Street, Bedminster, Bristol, BS3 3PZ Classification: Garage Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	B2NE (NW)	983	-	357866 170795
54	<b>Contemporary Trade Directory Entries</b> Name: Halfords Autocentre Location: 237, West Street, Bedminster, Bristol, BS3 3PZ Classification: Garage Services Status: <b>Active</b> Positional Accuracy: Automatically positioned to the address	B2NE (NW)	983	-	357866 170795
55	<b>Fuel Station Entries</b> Name: Highbury Service Station Location: Bedminster Road , Bedminster , Bristol, Bristol, City Of, BS3 5NQ Brand: Unbranded Premises Type: Not Applicable Status: <b>Obsolete</b> Positional Accuracy: Automatically positioned to the address	B3NW (NW)	724	-	358158 170650
56	<b>Fuel Station Entries</b> Name: Bedminster South Filling Station Location: 174, Bedminster Road , Ashton Vale , Bristol, Bristol, City Of, BS3 5NQ Brand: Unbranded Premises Type: Not Applicable Status: <b>Obsolete</b> Positional Accuracy: Approximate location provided by supplier	B2SE (W)	730	-	357794 170387
57	<b>Points of Interest - Commercial Services</b> Name: Jeff Watts Location: Unit 4 Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B3SW (S)	239	10	358321 170194
57	<b>Points of Interest - Commercial Services</b> Name: Jeff Watts Tools Location: Unit 4 Barnack Trading Centre, Novers Hill, Bedminster, Bristol, BS3 5QE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B3SW (S)	239	10	358321 170194
58	<b>Points of Interest - Commercial Services</b> Name: Tag Servicing Location: 13 Hartcliffe Way, Bristol, BS3 5RQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B3SW (SW)	475	10	358077 170320
59	<b>Points of Interest - Commercial Services</b> Name: Vale Classic Cars Location: Unit 9 Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2SE (SW)	478	10	357990 170229



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	<b>Points of Interest - Commercial Services</b> Name: W M Sheet Metal Location: Unit 5 Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	B2SE (SW)	495	10	357986 170251
59	<b>Points of Interest - Commercial Services</b> Name: Walker Morris Sheet Metal Co Ltd Location: Unit 3/5 Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	B2SE (SW)	496	10	357986 170252
59	<b>Points of Interest - Commercial Services</b> Name: Tag Servicing Location: Unit 13 Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2SE (SW)	509	10	357945 170224
59	<b>Points of Interest - Commercial Services</b> Name: Car-tek Location: Unit 11 Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2SE (SW)	511	10	357951 170234
59	<b>Points of Interest - Commercial Services</b> Name: Car-Tek Location: Unit 11 Bristol Vale Trading Estate, Hartcliffe Way, Bedminster, Bristol, BS3 5RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2SE (SW)	512	10	357951 170234
59	<b>Points of Interest - Commercial Services</b> Name: Scrap a Car for Cash Location: Unit 14a Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	B2SE (SW)	515	10	357935 170220
59	<b>Points of Interest - Commercial Services</b> Name: At One Security Services Ltd Location: Unit 14, Bristol Vale Trading Est, Hartcliffe Way, Bristol, Avon, BS3 5RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2SE (SW)	515	10	357934 170220
59	<b>Points of Interest - Commercial Services</b> Name: Dorothea Restorations Location: Unit 15 Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	B2SE (SW)	522	10	357922 170217
60	<b>Points of Interest - Commercial Services</b> Name: Landrover Services Location: Unit 18-19 Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2SE (SW)	538	10	357885 170198
60	<b>Points of Interest - Commercial Services</b> Name: A & R Garages Location: Unit 21 Bristol Vale Trading Estate, Hartcliffe Way, Bristol, BS3 5RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2SE (SW)	556	10	357880 170219
61	<b>Points of Interest - Commercial Services</b> Name: W Morgan Location: 2 Highbury Road, Bedminster, Bristol, BS3 5NT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B3SW (W)	584	10	358052 170439
61	<b>Points of Interest - Commercial Services</b> Name: William Morgan Saab Specialist Location: 2 Highbury Road, Bedminster, Bristol, BS3 5NT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B3SW (W)	584	10	358051 170439

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<b>Points of Interest - Commercial Services</b> Name: T J Auto's Location: 1-21 Bedminster Down Road, Bristol, BS13 7AB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2NE (W)	908	10	357796 170650
62	<b>Points of Interest - Commercial Services</b> Name: Bristol Car & Commercial Respray Location: 1-21 Bedminster Down Road, Bristol, BS13 7AB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2NE (W)	908	10	357796 170650
62	<b>Points of Interest - Commercial Services</b> Name: T J Auto's Location: 1-21 Bedminster Down Road, Bristol, BS13 7AB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2NE (W)	909	10	357795 170650
62	<b>Points of Interest - Commercial Services</b> Name: Ashton Motor Repairs Location: 23-25 Bedminster Down Road, Bristol, BS13 7AB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2NE (W)	926	10	357759 170641
62	<b>Points of Interest - Commercial Services</b> Name: Ashton Motor Care Location: 23-25 Bedminster Down Road, Bristol, BS13 7AB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2NE (W)	926	10	357758 170640
63	<b>Points of Interest - Commercial Services</b> Name: S N M Remapping Location: 58 Kenmare Road, Bristol, BS4 1PB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B4SE (E)	937	10	359267 170301
64	<b>Points of Interest - Commercial Services</b> Name: A1 Beekeepers Location: 174 Bedminster Down Road, Bristol, BS13 7AF Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	B2SW (W)	945	10	357414 170211
64	<b>Points of Interest - Commercial Services</b> Name: A1 Beekeepers Location: 174 Bedminster Down Road, Bristol, BS13 7AF Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	B2SW (W)	945	10	357414 170211
65	<b>Points of Interest - Commercial Services</b> Name: Bedminster Road Garage Ltd Location: 228-230 Bedminster Road, Bristol, BS3 5NQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2SW (W)	948	10	357589 170484
65	<b>Points of Interest - Commercial Services</b> Name: Bedminster Road Garage Sales Ltd Location: 228-230 Bedminster Road, Bristol, BS3 5NQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2SW (W)	948	10	357589 170483
66	<b>Points of Interest - Commercial Services</b> Name: Nationwide Autocentre Location: 237 West Street, Bedminster, Bristol, BS3 3PZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2NE (NW)	983	10	357866 170795
66	<b>Points of Interest - Commercial Services</b> Name: Halfords Autocentre Location: 237 West Street, Bedminster, Bristol, BS3 3PZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B2NE (NW)	983	10	357865 170795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	<b>Points of Interest - Manufacturing and Production</b> Name: Bristol Vale Centre for Industry Location: BS3 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	B2SE (SW)	519	10	357902 170189
68	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B3NE (N)	776	10	358387 170741
68	<b>Points of Interest - Manufacturing and Production</b> Name: Factory Location: BS3 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	B3NE (N)	776	10	358388 170741
69	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: BS3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B8SW (N)	929	10	358242 170882
70	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B2SW (W)	956	10	357419 170248
71	<b>Points of Interest - Manufacturing and Production</b> Name: City Central Cattery Location: 108 Bedminster Down Road, Bristol, BS13 7AF Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	B2SW (W)	973	10	357493 170403
72	<b>Points of Interest - Public Infrastructure</b> Name: Oceana Rubbish Clearance Location: 125 Glyn Vale, Bristol, BS3 5JE Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	B4SW (E)	652	10	358913 170358
73	<b>Points of Interest - Public Infrastructure</b> Name: Parson Street Rail Station Location: Parson Street, BS3 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	B2NE (W)	857	10	357846 170625
73	<b>Points of Interest - Public Infrastructure</b> Name: Parson Street Station Location: Parson Street, BS3 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	B2NE (W)	857	10	357846 170625
74	<b>Points of Interest - Public Infrastructure</b> Name: Bristol Waste Clearance Location: 86 Bedminster Down Road, Bristol, BS13 7AF Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	B2SW (W)	978	10	357529 170458
75	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	B3NE (NE)	711	10	358486 170670
75	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	B3NE (NE)	760	10	358495 170718



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	<b>Areas of Adopted Green Belt</b> Authority: Bristol City Council Plan Name: Core Strategy <b>Status: Adopted</b> Plan Date: 21st June 2011	B2SW (W)	940	6	357494 170392

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Bristol City Council - Environmental Health Department North Somerset Council - Environmental Health Department	March 2014 September 2014	Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - South West Region	April 2019	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - South West Region	March 2013	Annual Rolling Update
<b>Integrated Pollution Controls</b> Environment Agency - South West Region	October 2008	Variable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - South West Region	April 2019	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Bristol City Council - Environmental Health Department North Somerset Council - Environmental Health Department	February 2015 September 2013	Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Bristol City Council - Environmental Health Department North Somerset Council - Environmental Health Department	February 2015 March 2015	Not Applicable Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Bristol City Council - Environmental Health Department North Somerset Council - Environmental Health Department	February 2015 September 2013	Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	January 2019	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - South West Region	September 1999	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - South West Region	March 2013	Annual Rolling Update
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - South West Region	March 2013	Annual Rolling Update
<b>Registered Radioactive Substances</b> Environment Agency - South West Region	June 2016	
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	April 2019 April 2019	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - South West Region	July 2019	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - South West Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	Annually
<b>Groundwater Vulnerability - Soluble Rock Risk</b> Environment Agency - Head Office	June 2018	Annually
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
<b>Source Protection Zones</b> Environment Agency - Head Office	July 2019	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	May 2019	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	May 2019	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	May 2019	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	May 2019	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	May 2019	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	April 2019	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually



Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	July 2019	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - South West Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	July 2018 July 2018	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	April 2019 April 2019	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Bristol City Council North Somerset Council	May 2000 May 2000	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Bristol City Council North Somerset Council	May 2000 May 2000	Not Applicable Not Applicable
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	March 2003 March 2003	Not Applicable Not Applicable
Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Bristol City Council - Planning Department North Somerset Council	April 2015 February 2016	Variable Variable
<b>Planning Hazardous Substance Consents</b> Bristol City Council - Planning Department North Somerset Council	April 2015 February 2016	Variable Variable

Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	April 2019	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	April 2019	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	May 2019	Quarterly
<b>Gas Pipelines</b> National Grid	July 2014	
<b>Points of Interest - Commercial Services</b> PointX	July 2019	Quarterly
<b>Points of Interest - Education and Health</b> PointX	July 2019	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	July 2019	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	July 2019	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	July 2019	Quarterly
<b>Underground Electrical Cables</b> National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	August 2018	Bi-Annually
<b>Areas of Adopted Green Belt</b> Bristol City Council North Somerset Council	March 2019 March 2019	As notified As notified
<b>Areas of Unadopted Green Belt</b> Bristol City Council North Somerset Council	March 2019 March 2019	As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	June 2019	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	March 2019	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Parks</b> Natural England	April 2017	Bi-Annually
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
<b>Ramsar Sites</b> Natural England	April 2019	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	March 2019	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	June 2019	Bi-Annually
<b>Special Protection Areas</b> Natural England	April 2019	Bi-Annually



A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <b>British Geological Survey</b> NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> 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	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Bristol City Council - Environmental Health Department</b> Brunel House, St Georges Road, Bristol, Avon, BS1 5UY	Telephone: 0117 922 2500
4	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	<b>Bristol City Council</b> The Council House, College Green, Bristol, Avon, BS1 5TR	Telephone: 0117 922 2000 Fax: 0117 922 3886 Website: www.bristol-city.gov.uk
7	<b>Health and Safety Executive</b> 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	<b>Bristol City Council - Planning Department</b> Brunel House, St Georges Road, Bristol, Avon, BS1 5UY	Telephone: 0117 922 2000 Fax: 0117 922 3861
9	<b>The Coal Authority - Property Searches</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
10	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
11	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
12	<b>North Somerset Council</b> PO Box 140, Town Hall, Weston-super-Mare, Avon, BS23 1UJ	Telephone: 01934 888888 Fax: 01934 888822 Website: www.n-somerset.gov.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

## Geology 1:50,000 Maps Legends

### Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TFD	Tidal Flat Deposits	Clay and Silt	Not Supplied - Holocene
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	RLS	Rugby Limestone Member	Limestone and Mudstone, Interbedded	Not Supplied - Hettangian
	LPMB	Langport Member	Limestone	Not Supplied - Rhaetian
	WCT	Wilmcote Limestone Member	Limestone and Mudstone, Interbedded	Not Supplied - Rhaetian
	WBCT	Westbury Formation and Cotham Member (Undifferentiated)	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian
	SASH	Saltford Shale Member	Mudstone	Not Supplied - Rhaetian
	BAN	Blue Anchor Formation	Mudstone	Not Supplied - Norian
	MMG	Mercia Mudstone Group	Mudstone and Halite-stone	Not Supplied - Early Triassic
	RESA	REDCLIFFE SANDSTONE MEMBER	Sandstone	Not Supplied - Triassic
	MMMF	Mercia Mudstone Group (Marginal Facies)	Conglomerate	Not Supplied - Triassic

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PES	Pennant Sandstone Formation	Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	SWMCM	South Wales Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	QSG	Quartzitic Sandstone Formation	Sandstone	Not Supplied - Namurian
	QSG	Quartzitic Sandstone Formation	Mudstone	Not Supplied - Namurian
	OHL	Oxwich Head Limestone Formation	Limestone, Ooidal	Not Supplied - Visean
	CHSA	Cromhall Sandstone Formation	Sandstone	Not Supplied - Visean
	CDL	Clifton Down Limestone Formation	Limestone	Not Supplied - Visean
		Faults		
		Rock Segments		



### Geology 1:50,000 Maps

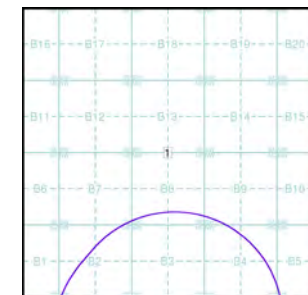
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

### Geology 1:50,000 Maps Coverage

Map ID: 1  
Map Sheet No: 264  
Map Name: Bristol  
Map Date: 2004  
Bedrock Geology: Available  
Superficial Geology: Available  
Artificial Geology: Available  
Faults: Not Supplied  
Landslip: Available  
Rock Segments: Not Supplied

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



### Order Details:

Order Number: 213470193\_1\_1  
Customer Reference: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

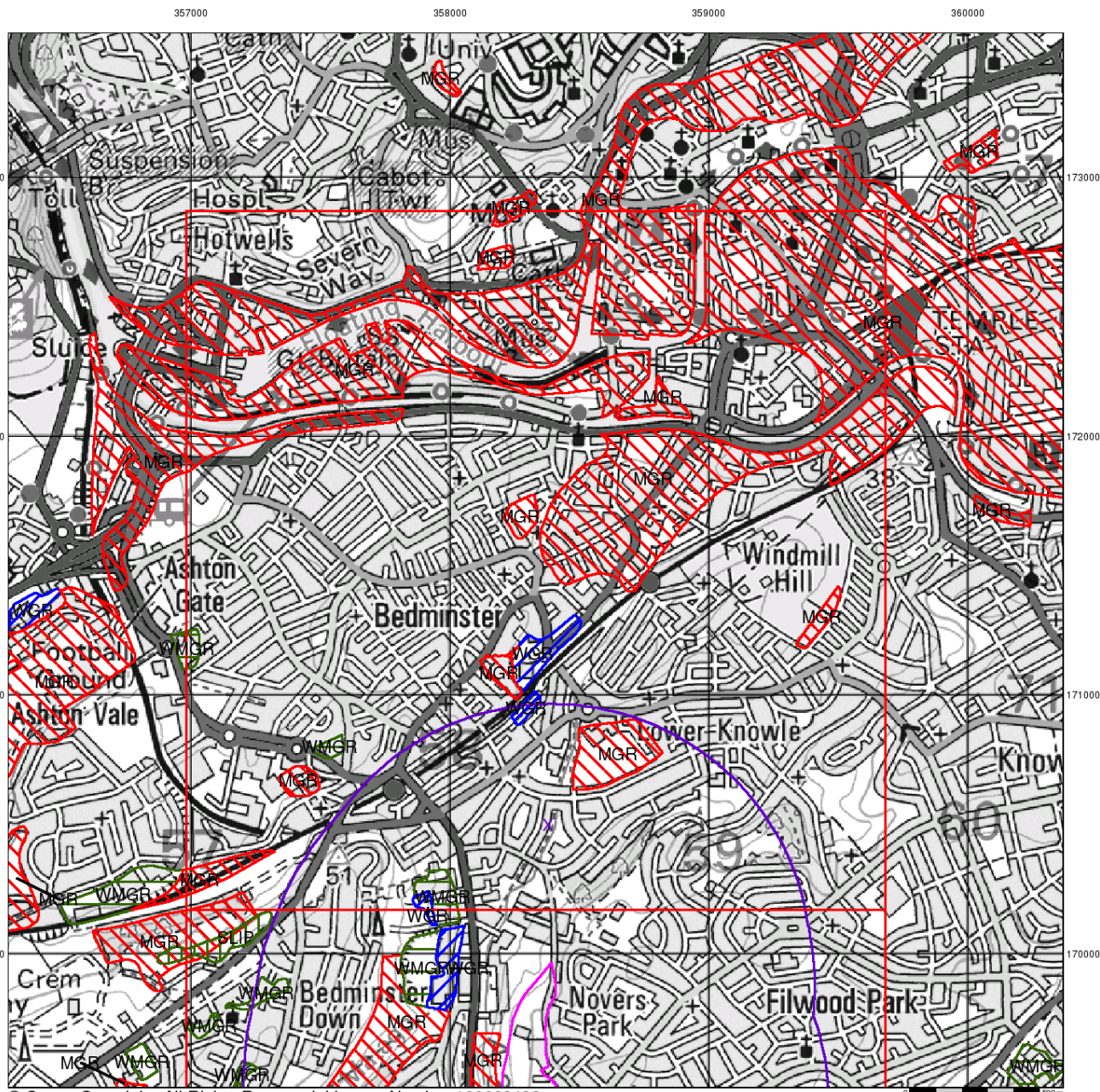
### Site Details:

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU

**Landmark**  
INFORMATION GROUP

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





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



## Artificial Ground and Landslip

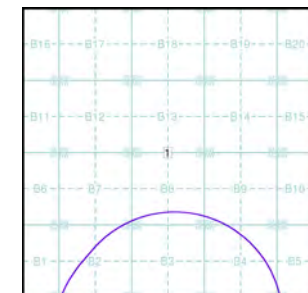
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

## Artificial Ground and Landslip Map - Slice B



## Order Details:

Order Number: 213470193\_1\_1  
Customer Reference: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

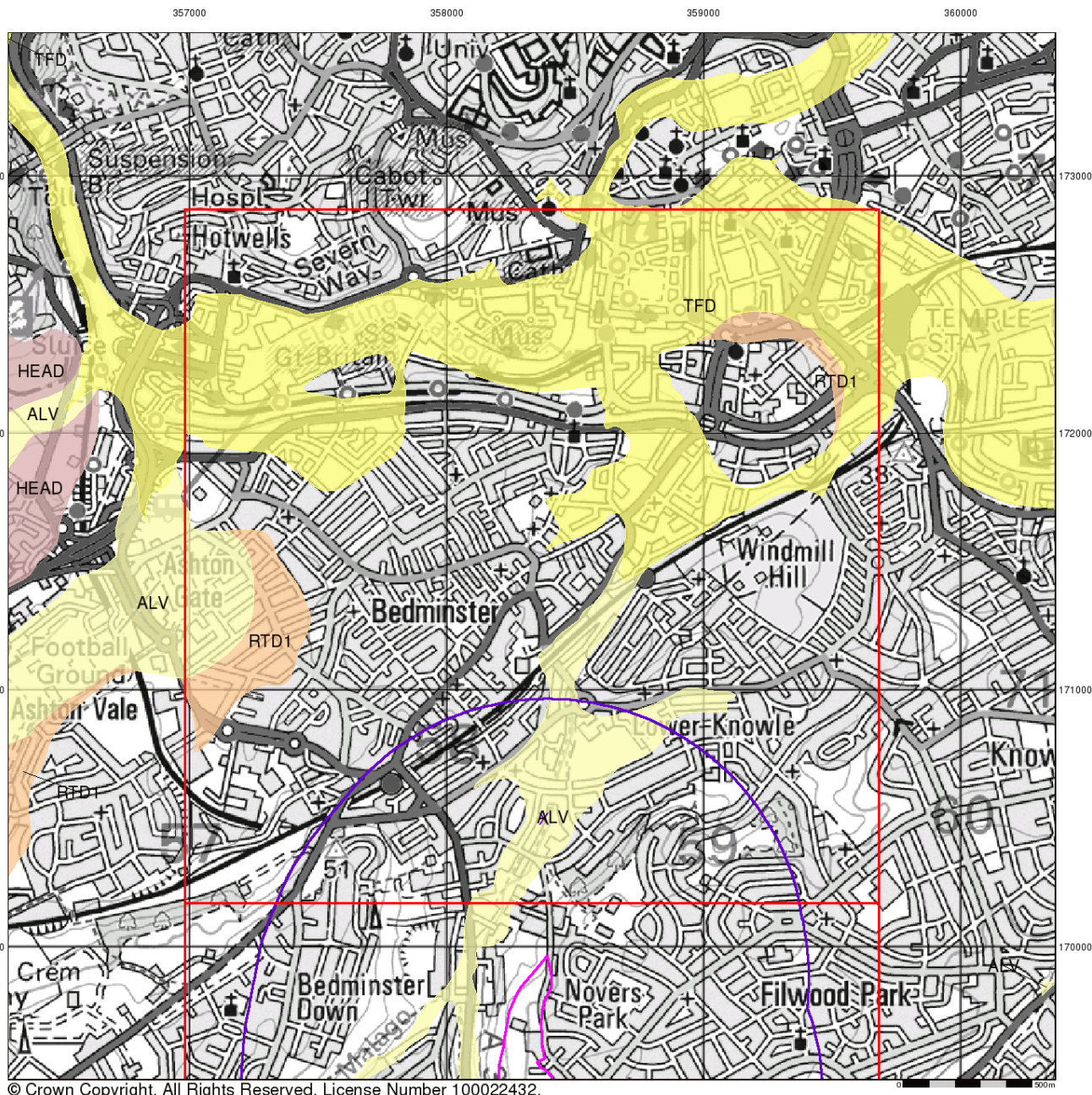
## Site Details:

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





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



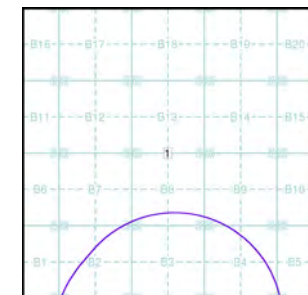
### Superficial Geology

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

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

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

### Superficial Geology Map - Slice B



### Order Details:

Order Number: 213470193\_1\_1  
 Customer Reference: 60601667\_Novers Hill  
 National Grid Reference: 358380, 170500  
 Slice: B  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

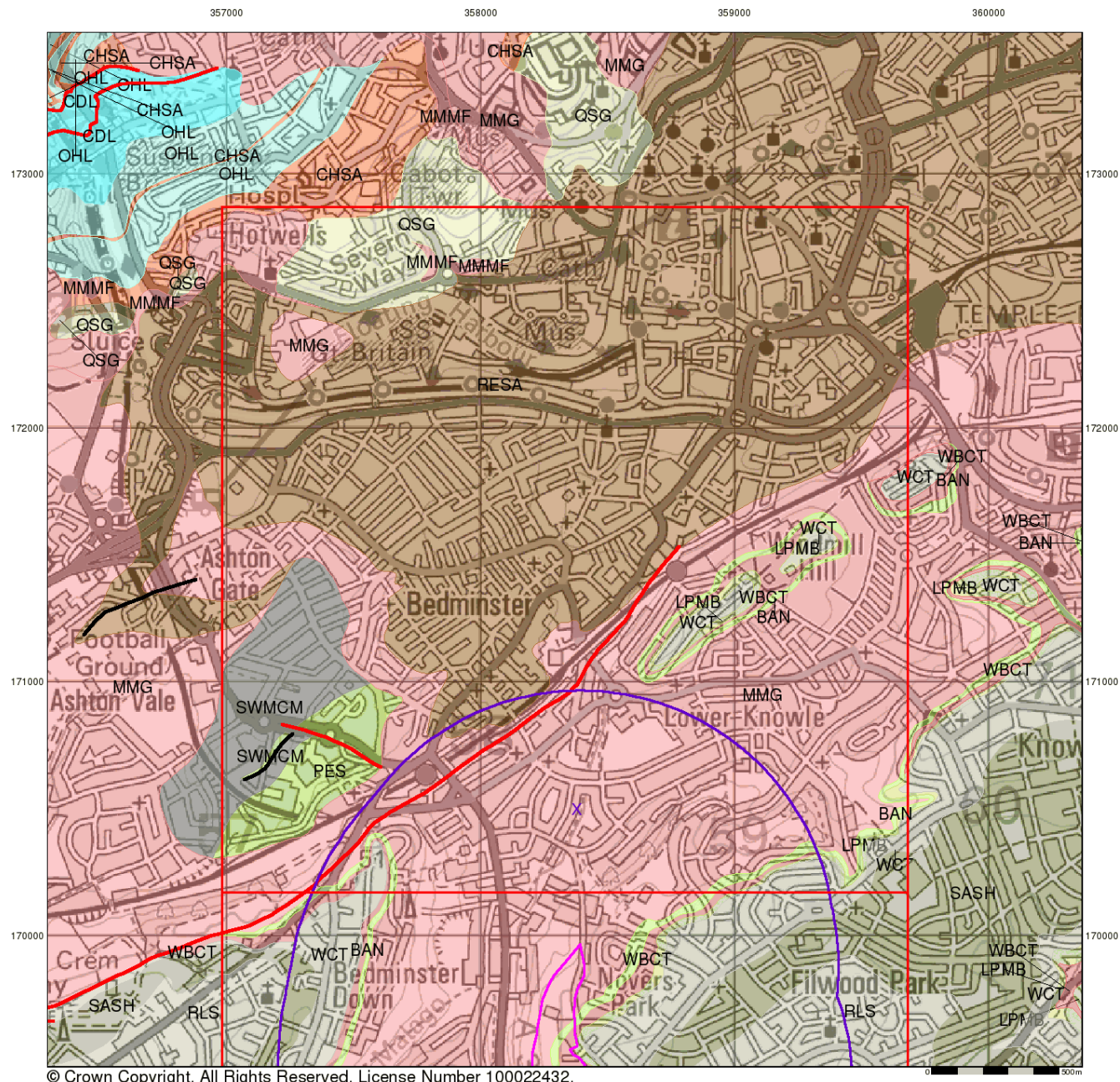
### Site Details:

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





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



## Bedrock and Faults

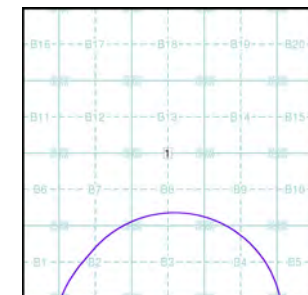
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

## Bedrock and Faults Map - Slice B



## Order Details:

Order Number: 213470193\_1\_1  
 Customer Reference: 60601667\_Novers Hill  
 National Grid Reference: 358380, 170500  
 Slice: B  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

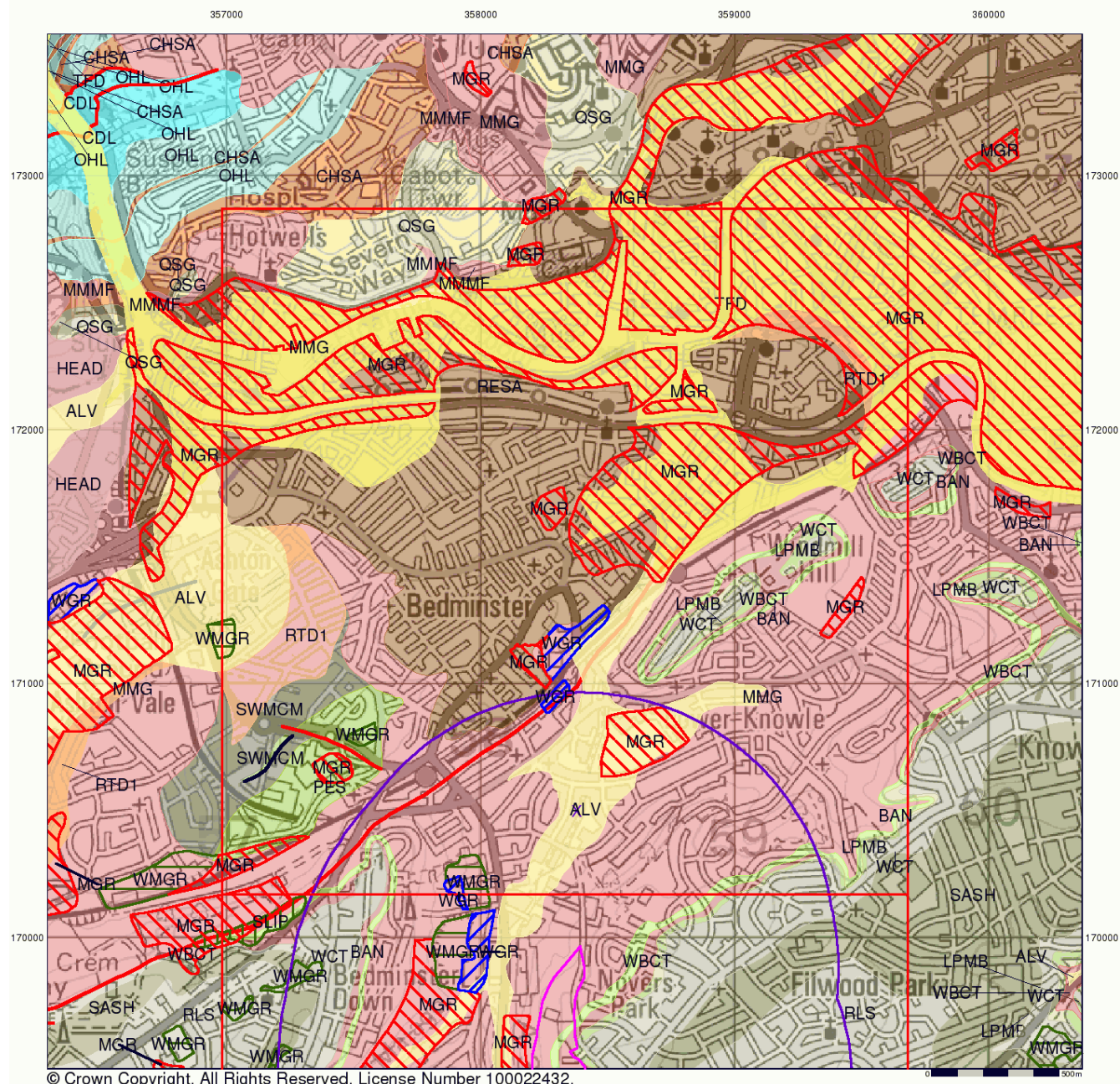
## Site Details:

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





### Combined Surface Geology

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

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

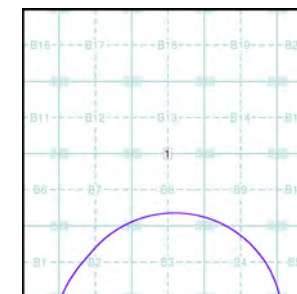
### Additional Information

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

### Contact

British Geological Survey  
Kingsley Dunham Centre  
Keyworth  
Nottingham  
NG12 5GG  
Telephone: 0115 936 3143  
Fax: 0115 936 3276  
email: [enquiries@bgs.ac.uk](mailto:enquiries@bgs.ac.uk)  
website: [www.bgs.ac.uk](http://www.bgs.ac.uk)

### Combined Geology Map - Slice B



### Order Details:

Order Number: 213470193\_1\_1  
Customer Reference: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

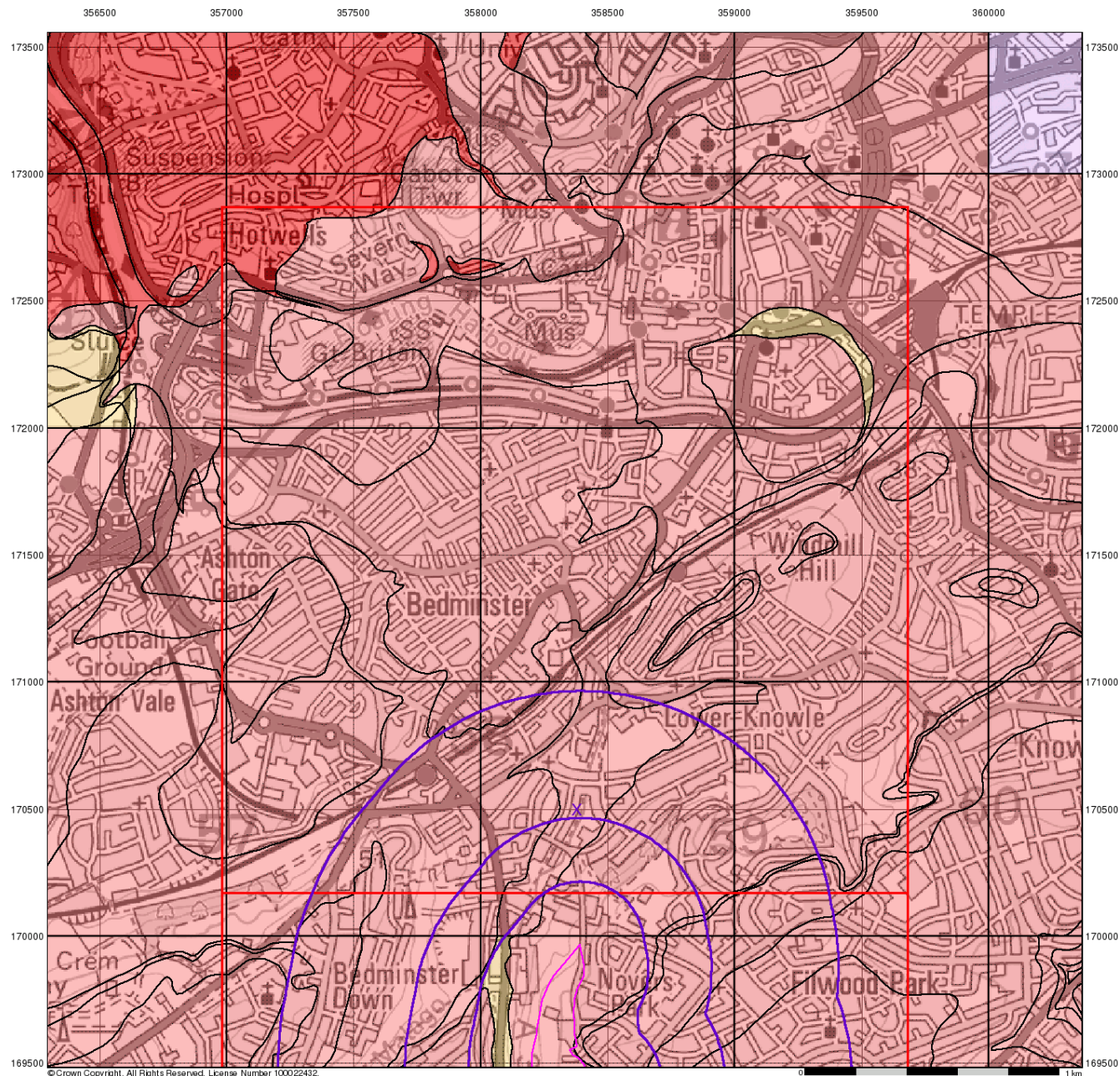
### Site Details:

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





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



## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Bedrock Aquifers

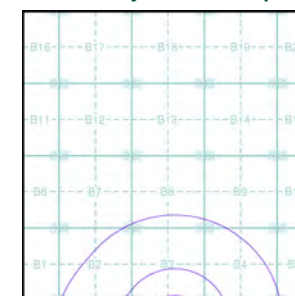
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

#### Superficial Aquifers

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

- Unproductive Aquifer
- ⋯ Soluble Rock

### Site Sensitivity Context Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358380, 170500  
 Slice: B  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

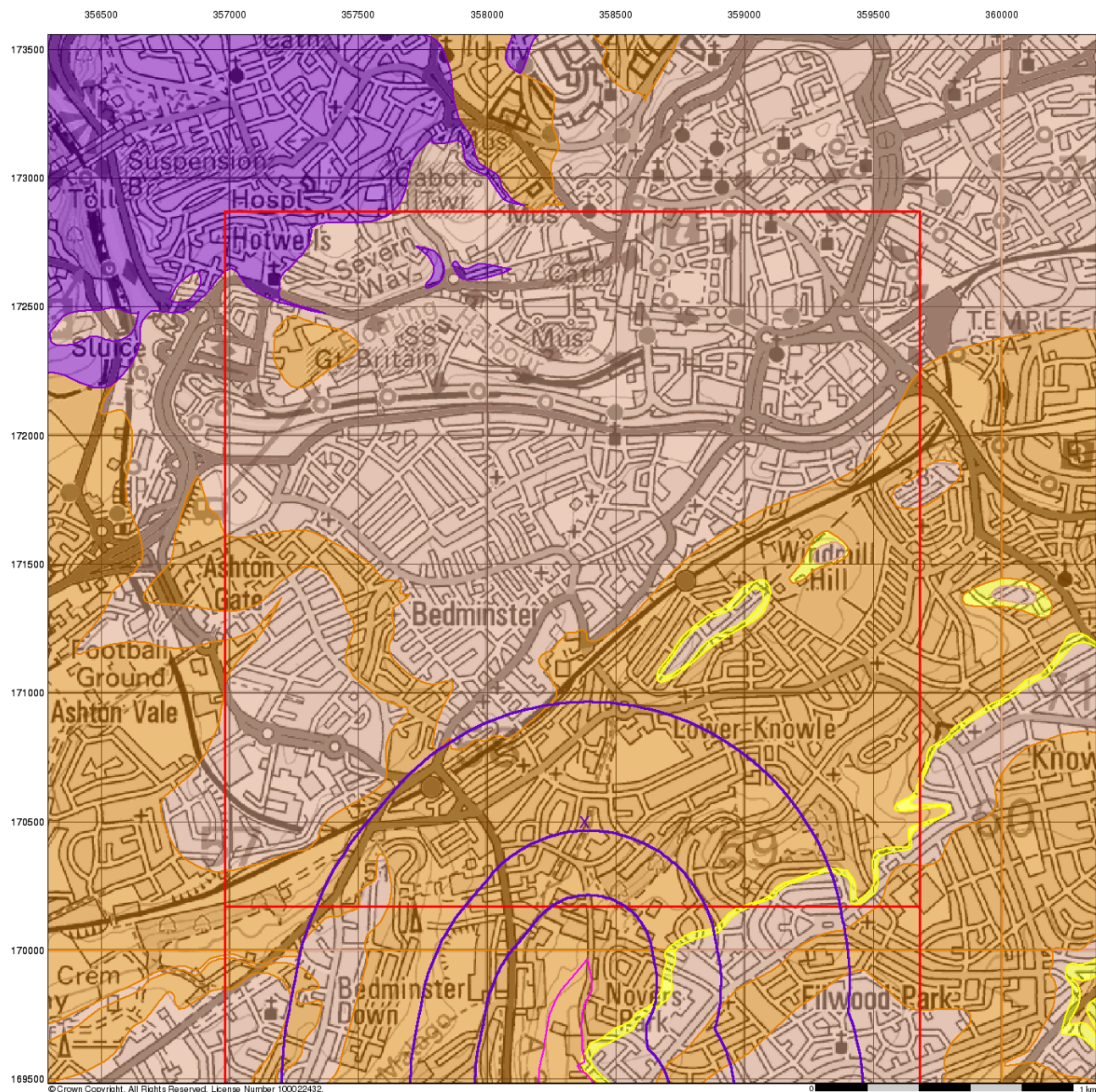
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## 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: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358380, 170500  
 Slice: B  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

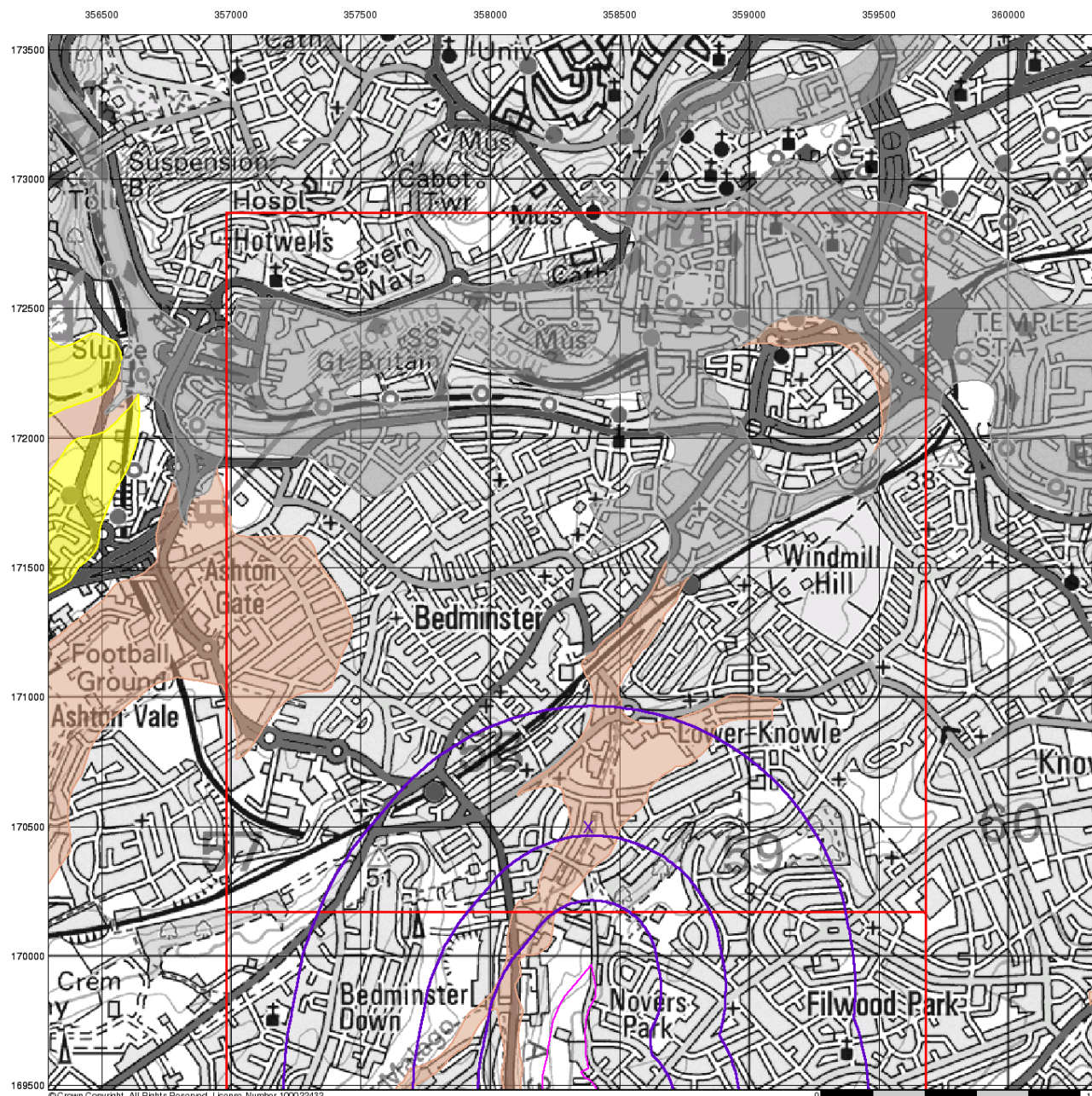
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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

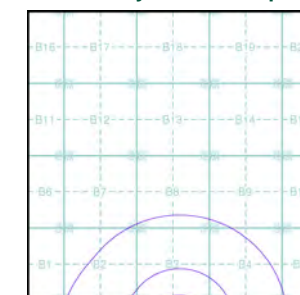
- ◇ Specified Site
- ◇ Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

### 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: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358380, 170500  
 Slice: B  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

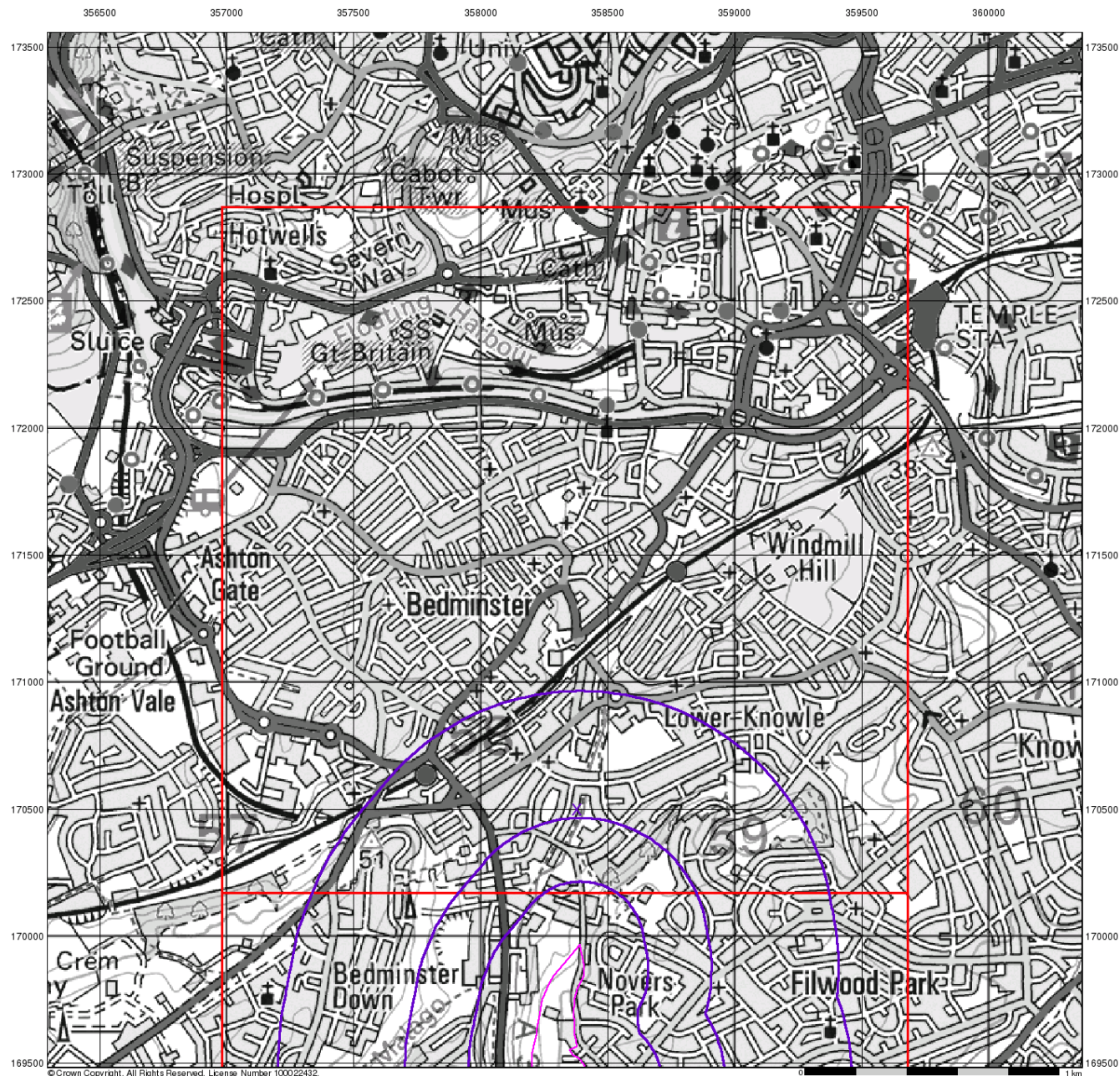
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





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



## Source Protection Zones

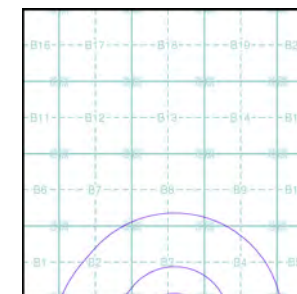
### General

- 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)

### Site Sensitivity Context Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358380, 170500  
 Slice: B  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

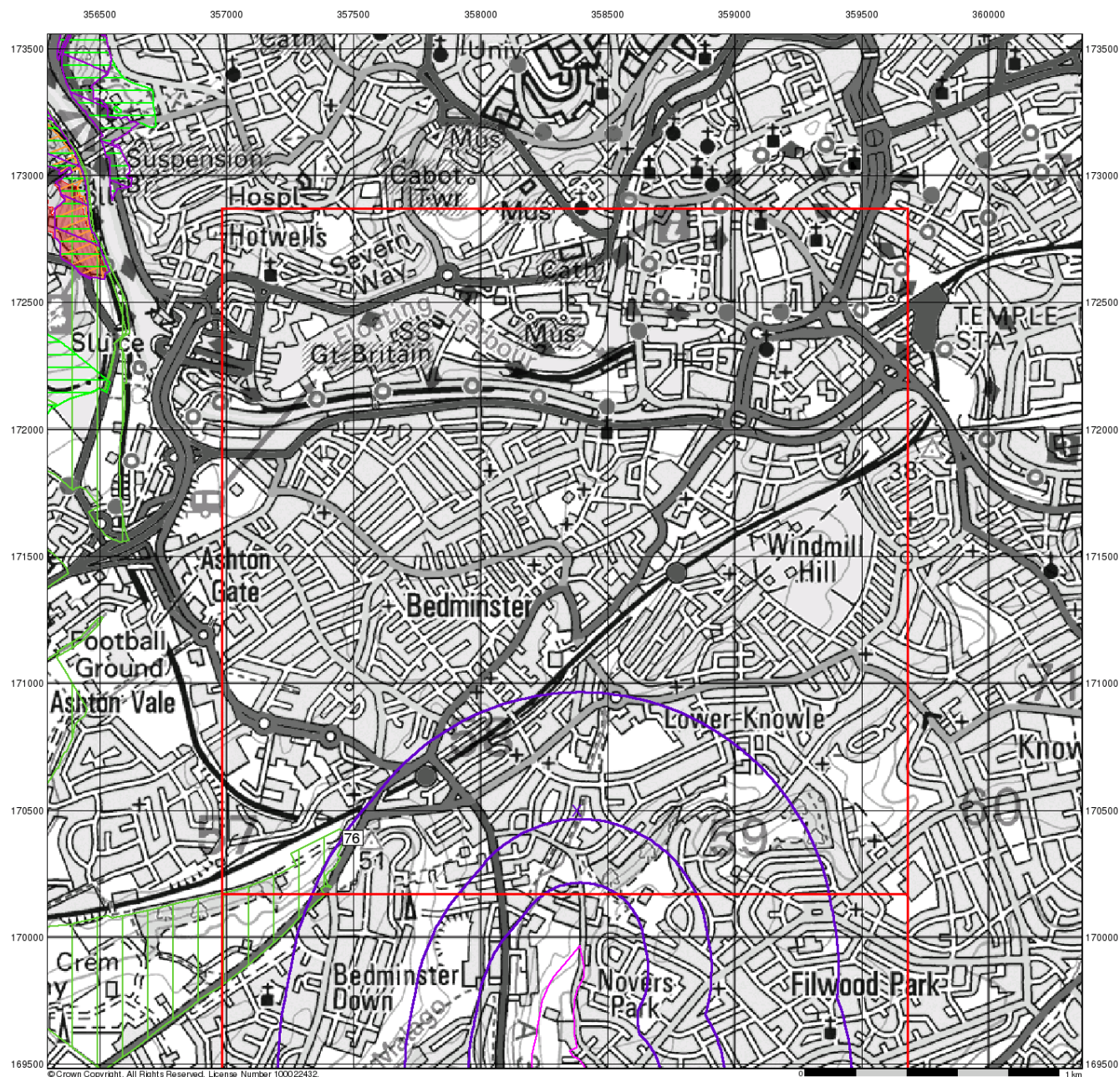
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





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



## Sensitive Land Uses

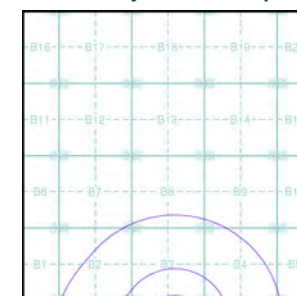
### General

- 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 B



### Order Details

Order Number: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358380, 170500  
 Slice: B  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

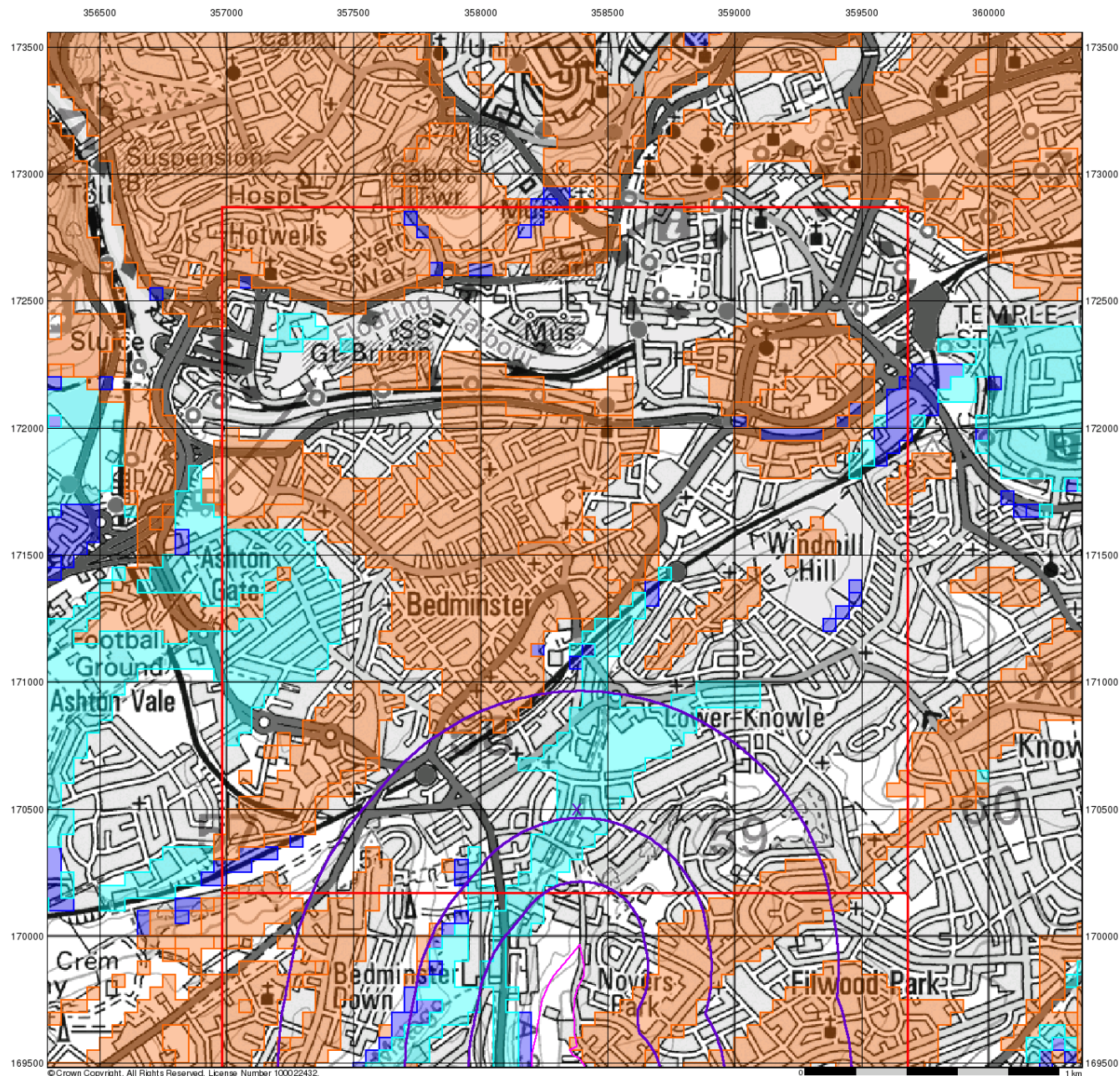
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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

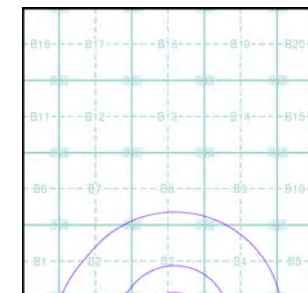
### General

- 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: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358380, 170500  
 Slice: B  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	•285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

## Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

## 1:10,000 Raster Mapping

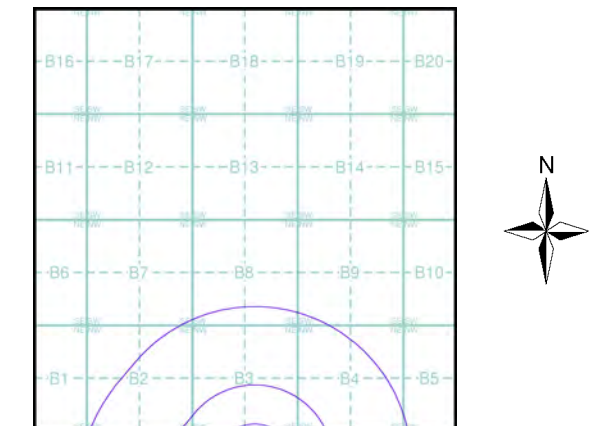
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1884	3
Gloucestershire	1:10,560	1887	4
Gloucestershire	1:10,560	1904 - 1905	5
Somerset	1:10,560	1904 - 1905	6
Gloucestershire	1:10,560	1920 - 1921	7
Somerset	1:10,560	1921	8
Somerset	1:10,560	1930	9
Somerset	1:10,560	1932 - 1933	10
Gloucestershire	1:10,560	1938	11
Somerset	1:10,560	1938	12
Somerset	1:10,560	1938	13
Gloucestershire	1:10,560	1938	14
Gloucestershire	1:10,560	1946	15
Ordnance Survey Plan	1:10,000	1955	16
Bristol	1:10,000	1972	17
Ordnance Survey Plan	1:10,000	1976	18
Ordnance Survey Plan	1:10,000	1991	19
10K Raster Mapping	1:10,000	1999	20
10K Raster Mapping	1:10,000	2006	21
VectorMap Local	1:10,000	2019	22

## Historical Map - Slice B



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU

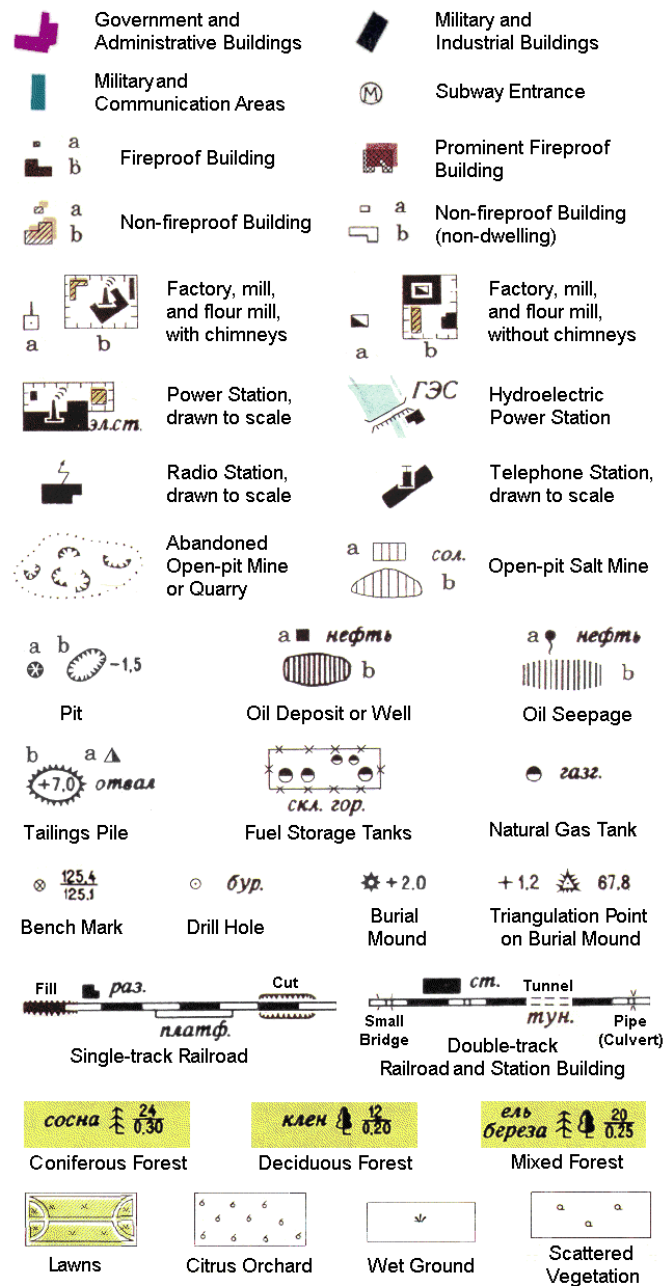


Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk

# Russian Military Mapping Legends

## 1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale



**243.8** Values for prominent elevations

**186.0** Numbers for spot elevations, depth soundings, contour lines, etc.

**0.2** Velocity of the current, width of river bed, depth of river

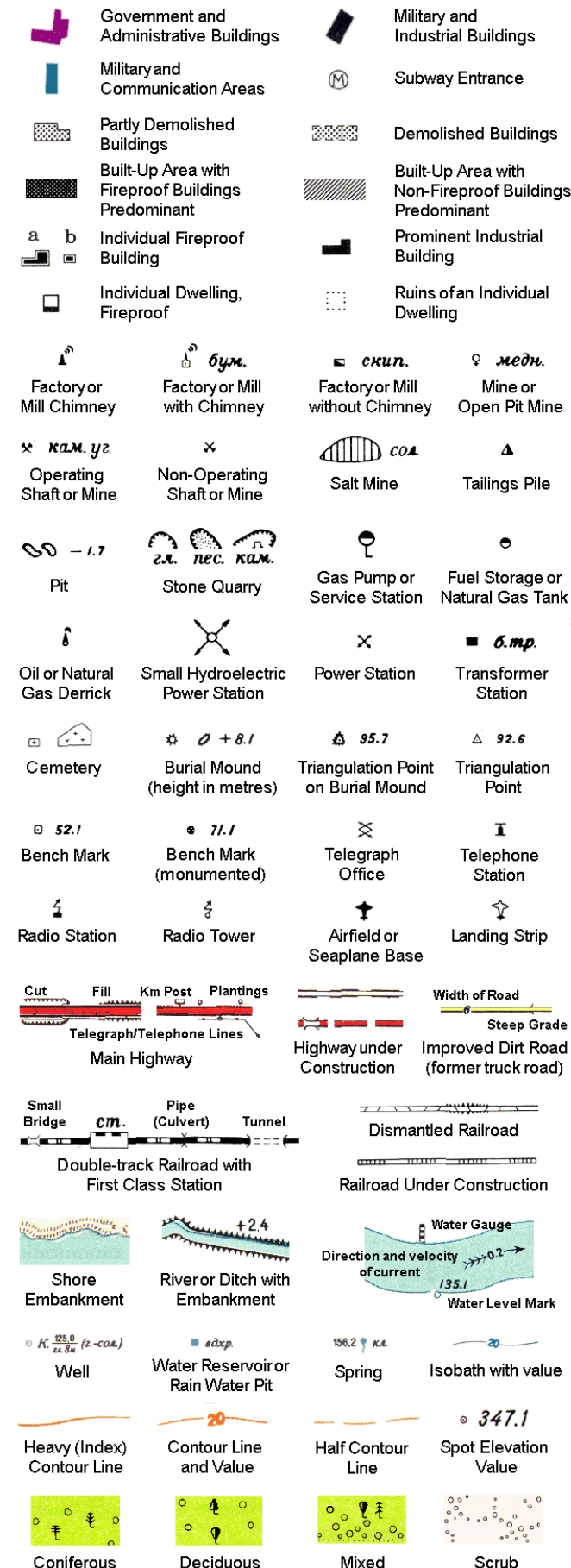
**180/12** Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

### Russian Alphabet (For reference and phonetic interpretation of map text)

<b>А а (A)</b>	<b>З з (Z)</b>	<b>П п (P)</b>	<b>Ч ч (CH)</b>
<b>Б б (B)</b>	<b>И и (I)</b>	<b>Р р (R)</b>	<b>Ш ш (SH)</b>
<b>В в (V)</b>	<b>Й й (Y)</b>	<b>С с (S)</b>	<b>Щ щ (SHCH)</b>
<b>Г г (G)</b>	<b>К к (K)</b>	<b>Т т (T)</b>	<b>Ъ (-)</b>
<b>Д д (D)</b>	<b>Л л (L)</b>	<b>У у (U)</b>	<b>Ы (Y)</b>
<b>Е е (E)</b>	<b>М м (M)</b>	<b>Ф ф (F)</b>	<b>Ь (')</b>
<b>Ё ё (YO)</b>	<b>Н н (N)</b>	<b>Х х (KH)</b>	<b>Э э (E)</b>
<b>Ж ж (ZH)</b>	<b>О о (O)</b>	<b>Ц ц (TS)</b>	<b>Ю ю (YU or IU)</b>
			<b>Я я (YA or IA)</b>

## 1:25,000 mapping

a. Not drawn to scale b. Drawn to scale



## Key to Numbers on Mapping

### ST57SE\_Bristol

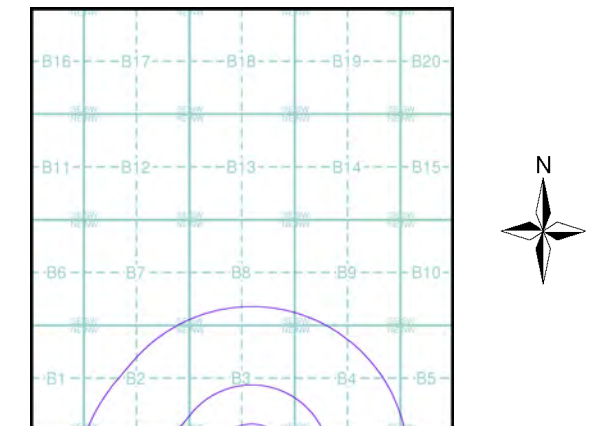
No.	Description
91	Depot (Railway) And Railway Station

# AECOM

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1884	3
Gloucestershire	1:10,560	1887	4
Gloucestershire	1:10,560	1904 - 1905	5
Somerset	1:10,560	1904 - 1905	6
Gloucestershire	1:10,560	1920 - 1921	7
Somerset	1:10,560	1921	8
Somerset	1:10,560	1930	9
Somerset	1:10,560	1932 - 1933	10
Gloucestershire	1:10,560	1938	11
Somerset	1:10,560	1938	12
Somerset	1:10,560	1938	13
Gloucestershire	1:10,560	1938	14
Gloucestershire	1:10,560	1946	15
Ordnance Survey Plan	1:10,000	1955	16
Bristol	1:10,000	1972	17
Ordnance Survey Plan	1:10,000	1976	18
Ordnance Survey Plan	1:10,000	1991	19
10K Raster Mapping	1:10,000	1999	20
10K Raster Mapping	1:10,000	2006	21
VectorMap Local	1:10,000	2019	22

## Russian Map - Slice B



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU

**Landmark**  
INFORMATION GROUP

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





## Somerset

Published 1884

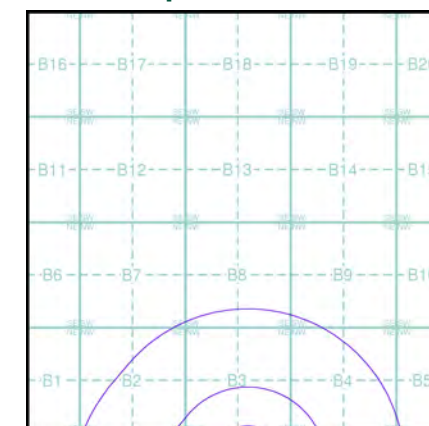
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

006NW 1884 1:10,560	006NE 1884 1:10,560
006SW 1884 1:10,560	006SE 1884 1:10,560

### Historical Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Gloucestershire

Published 1887

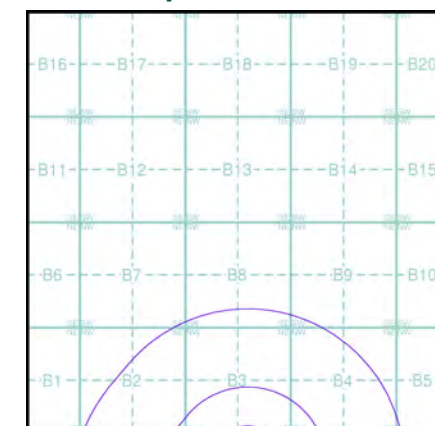
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

071SE 1887 1:10,560	
075NE 1887 1:10,560	076NW 1887 1:10,560

### Historical Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Gloucestershire

Published 1904 - 1905

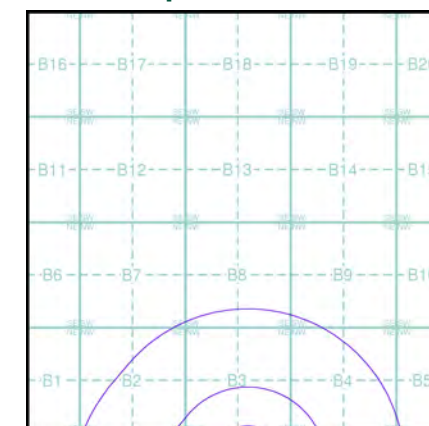
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

071SE 1904 1:10,560	072SW 1904 1:10,560
075NE 1905 1:10,560	076NW 1904 1:10,560

### Historical Map - Slice B



### Order Details

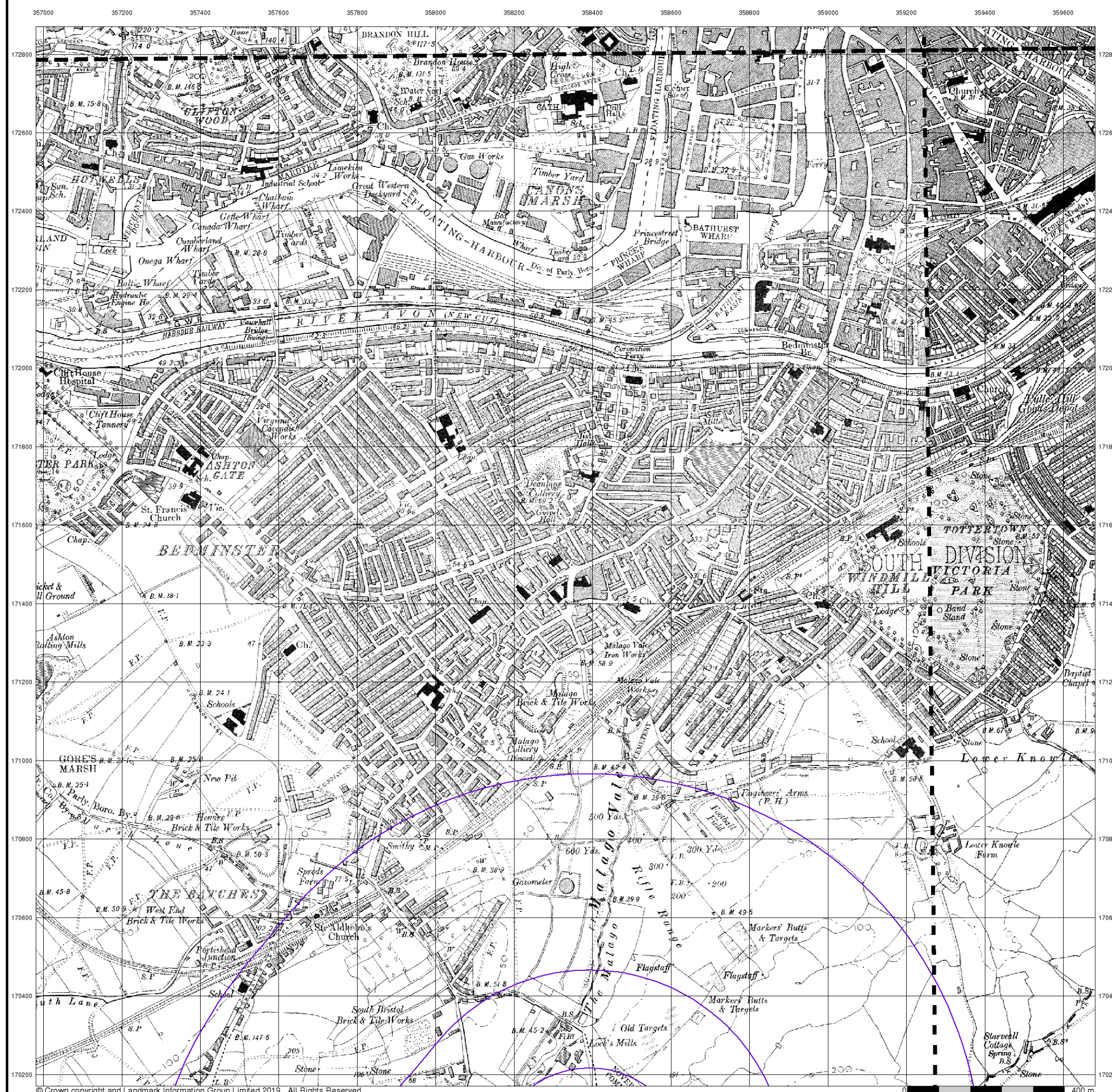
Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







## Somerset

Published 1904 - 1905

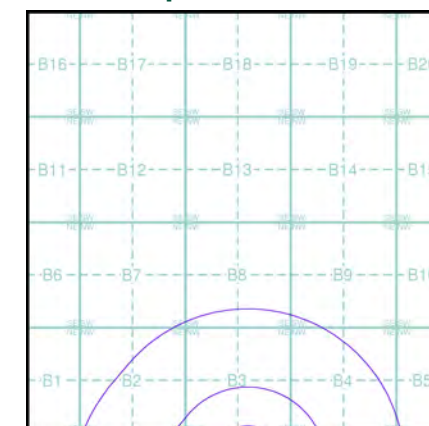
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

006NW 1905 1:10,560	006NE 1905 1:10,560
006SW 1904 1:10,560	006SE 1904 1:10,560

### Historical Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Gloucestershire

Published 1920 - 1921

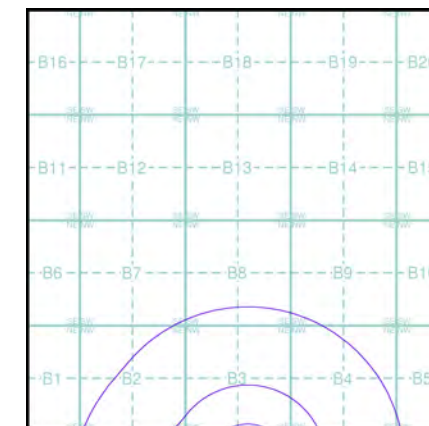
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

071SE	072SW
1921	1921
1:10,560	1:10,560
07500	076NW
1921	1920
1:10,560	1:10,560

### Historical Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Somerset

Published 1921

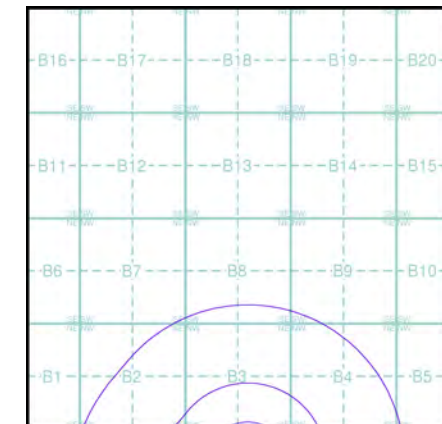
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

006NW 1921 1:10,560	006NE 1921 1:10,560
006SW 1921 1:10,560	006SE 1921 1:10,560

## Historical Map - Slice B



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





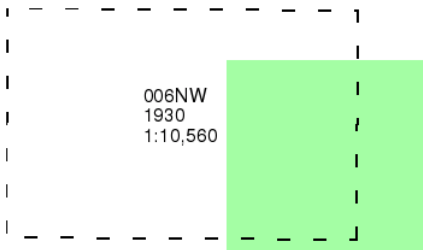
## Somerset

Published 1930

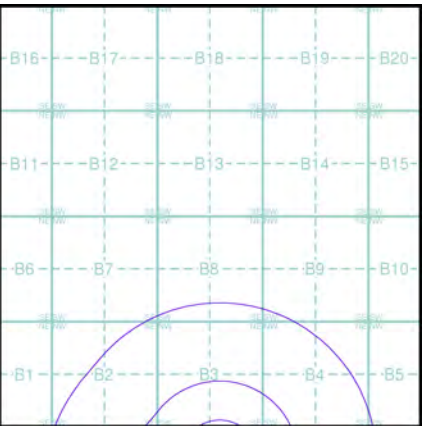
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



## Historical Map - Slice B



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





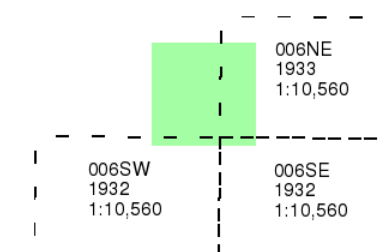
## Somerset

Published 1932 - 1933

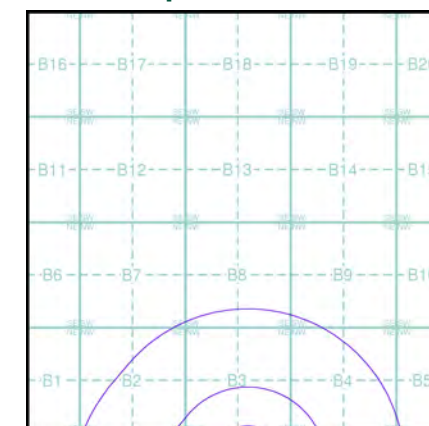
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



## Historical Map - Slice B



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Gloucestershire

Published 1938

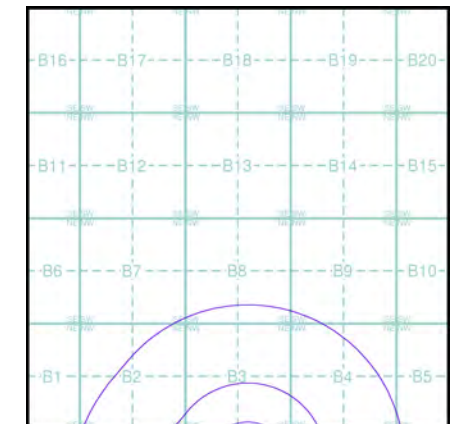
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

071SE	072SW
1938	1938
1:10,560	1:10,560
07500	076NW
1938	1938
1:10,560	1:10,560

### Historical Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Somerset

Published 1938

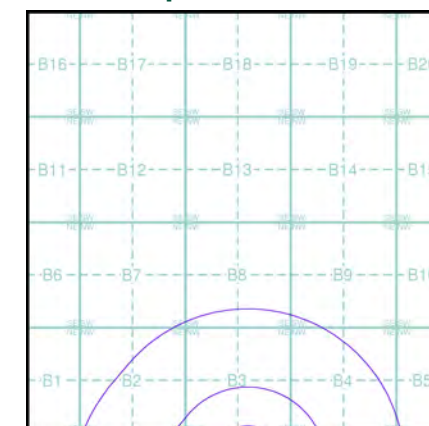
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

006NW 1938 1:10,560	006NE 1938 1:10,560
006SW 1938 1:10,560	006SE 1938 1:10,560

### Historical Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Somerset

Published 1938

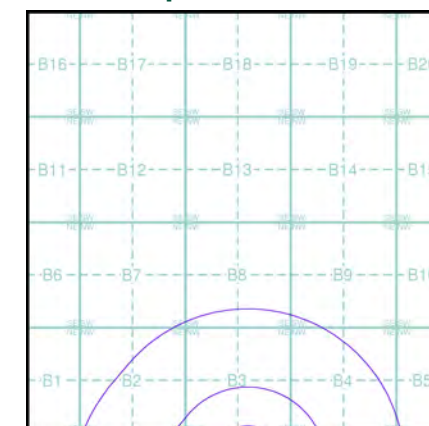
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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

006NW 1938 1:10,560	006NE 1938 1:10,560
	006SE 1938 1:10,560

### Historical Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

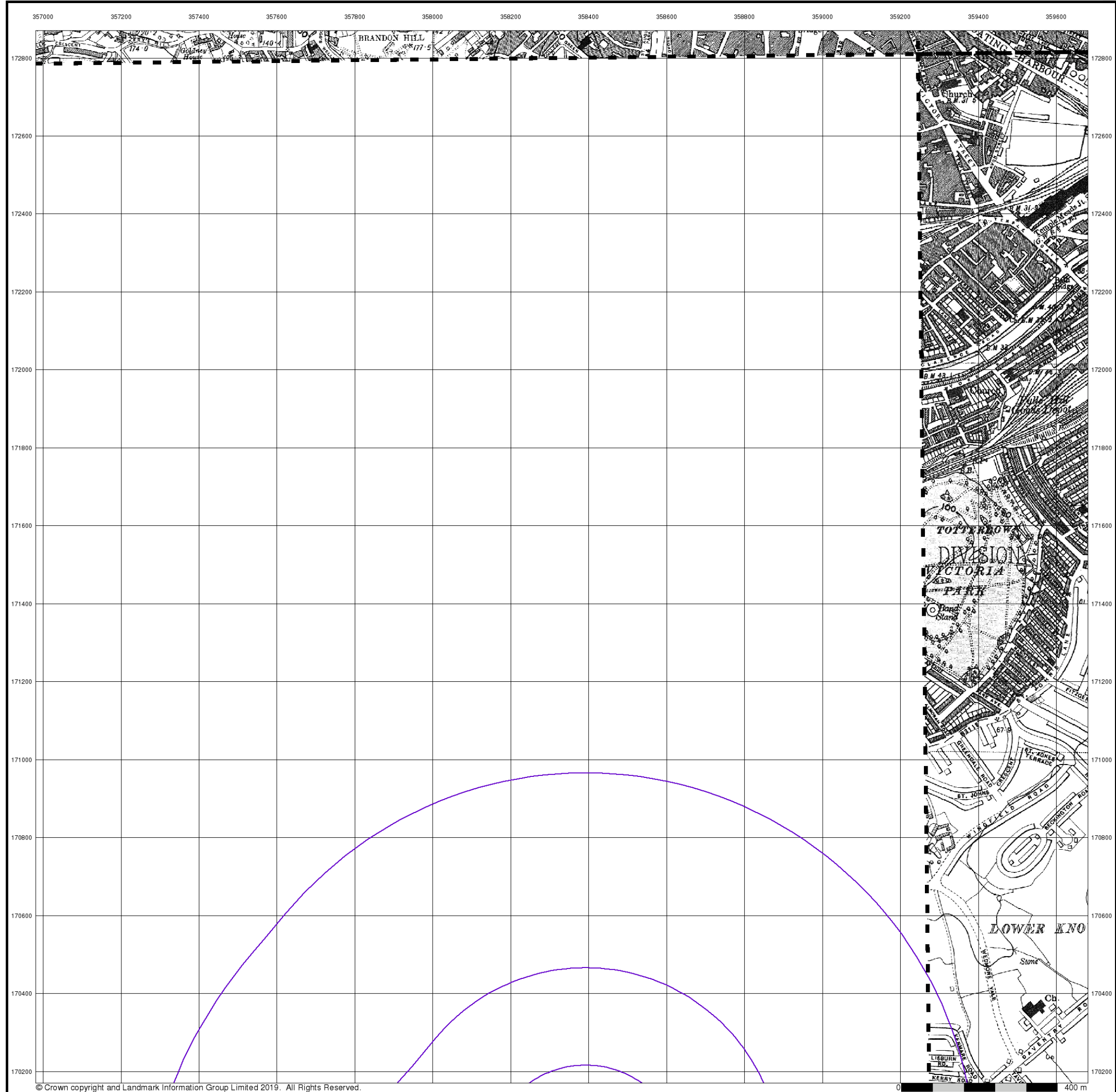
### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





Gloucestershire

Published 1938

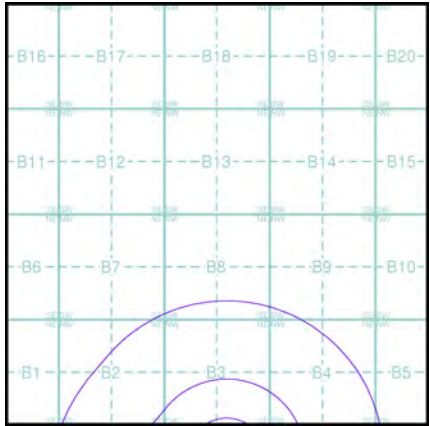
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

071SE 1938 1:10,560	072SW 1938 1:10,560
	076NW 1938 1:10,560

Historical Map - Slice B



Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

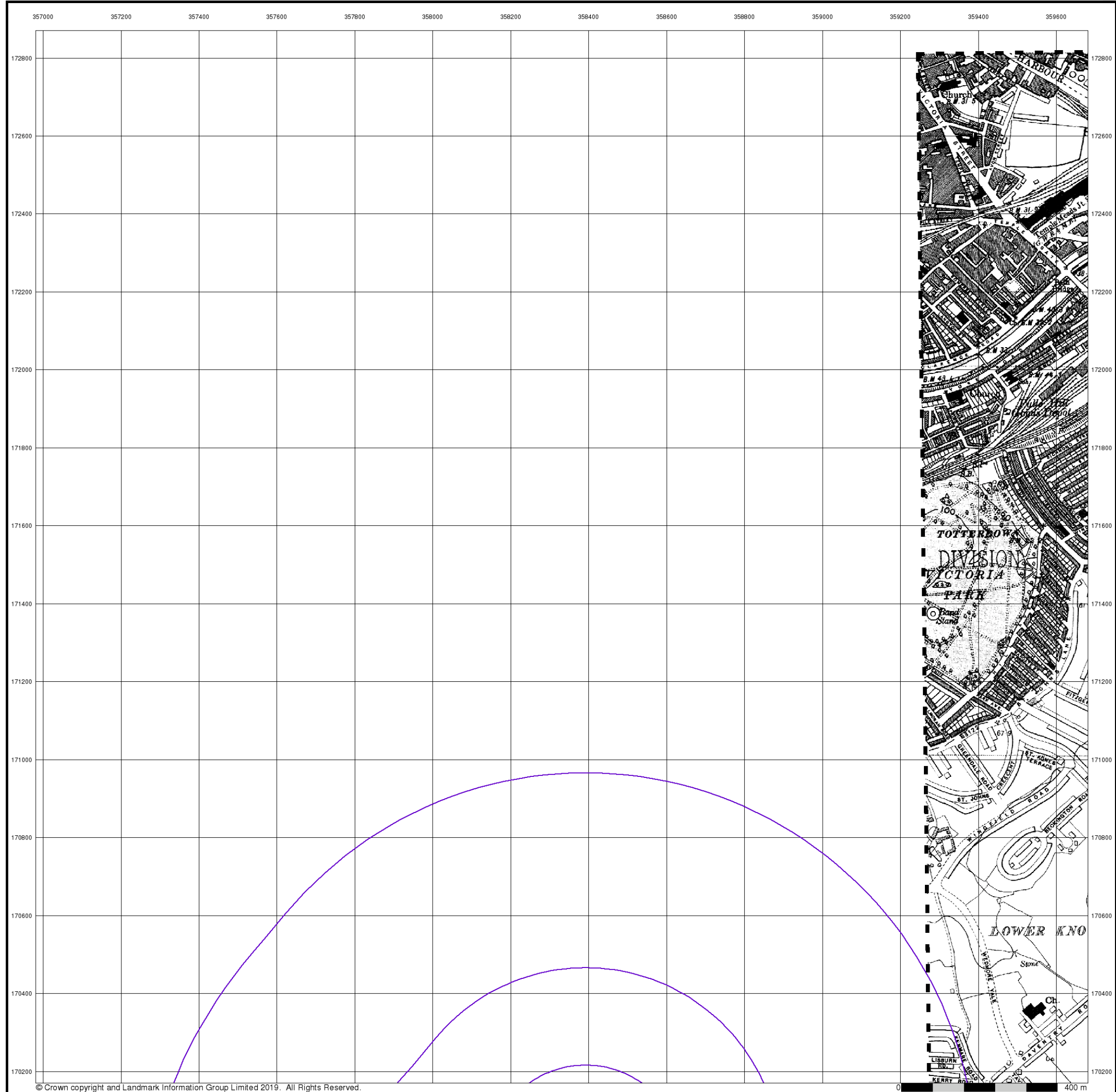
Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





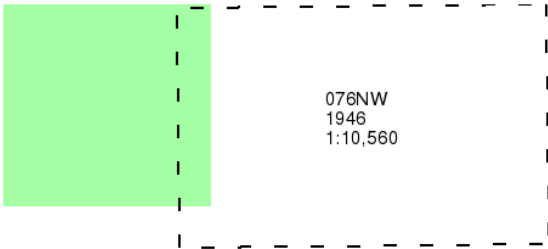
Gloucestershire

Published 1946

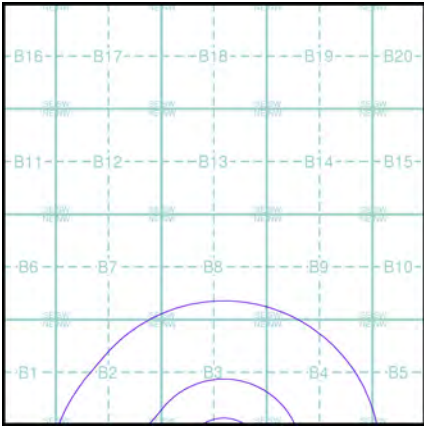
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice B



Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





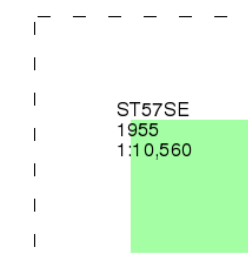
## Ordnance Survey Plan

Published 1955

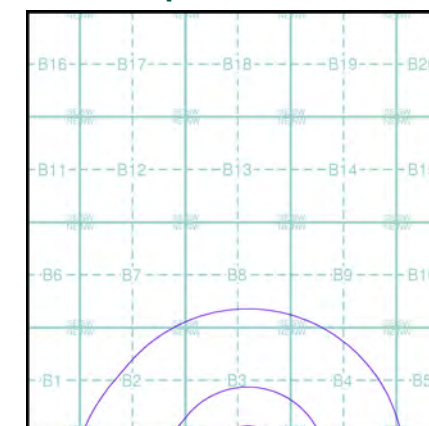
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



## Historical Map - Slice B



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





## Bristol

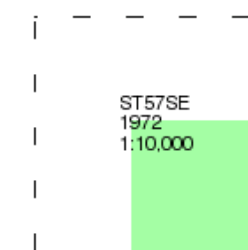
Published 1972

Source map scale - 1:10,000

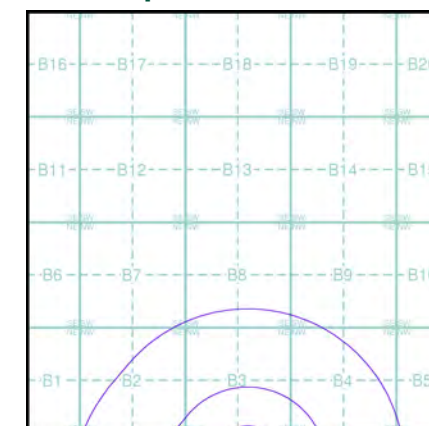
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

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



## Russian Map - Slice B



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





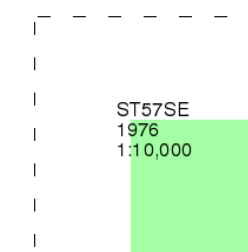
## Ordnance Survey Plan

Published 1976

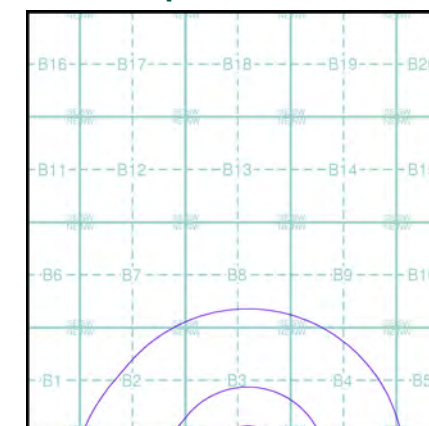
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



### Historical Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







© Crown copyright and Landmark Information Group Limited 2019. All Rights Reserved.



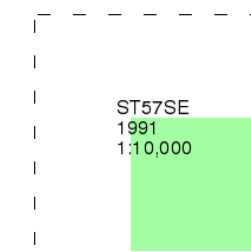
## Ordnance Survey Plan

Published 1991

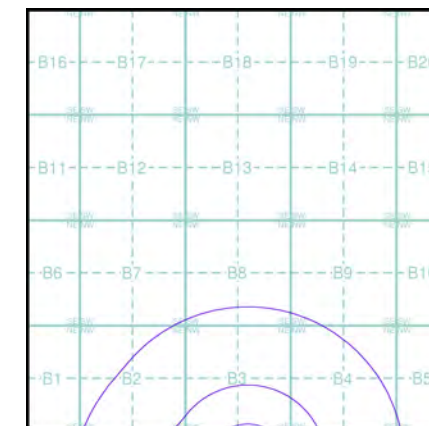
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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



## Historical Map - Slice B



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

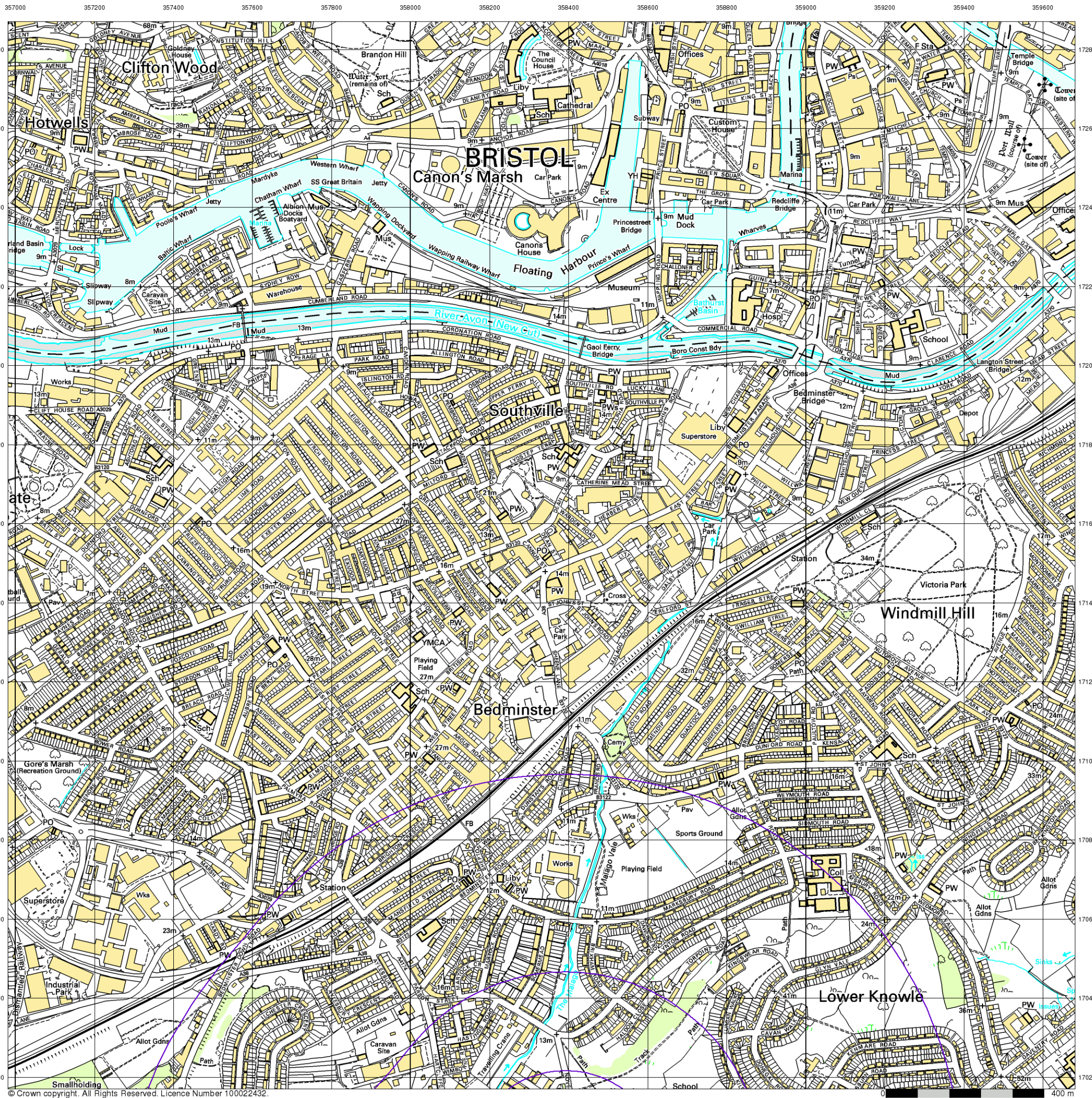
## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





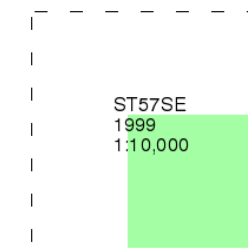
## 10k Raster Mapping

Published 1999

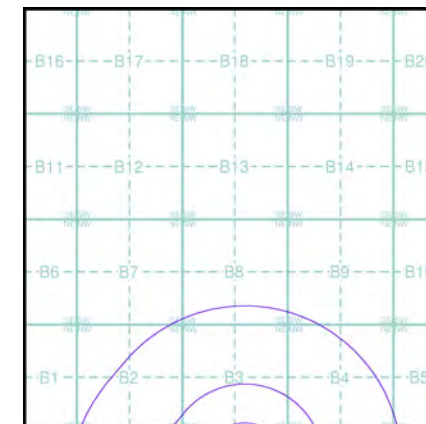
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

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



## Historical Map - Slice B



## Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

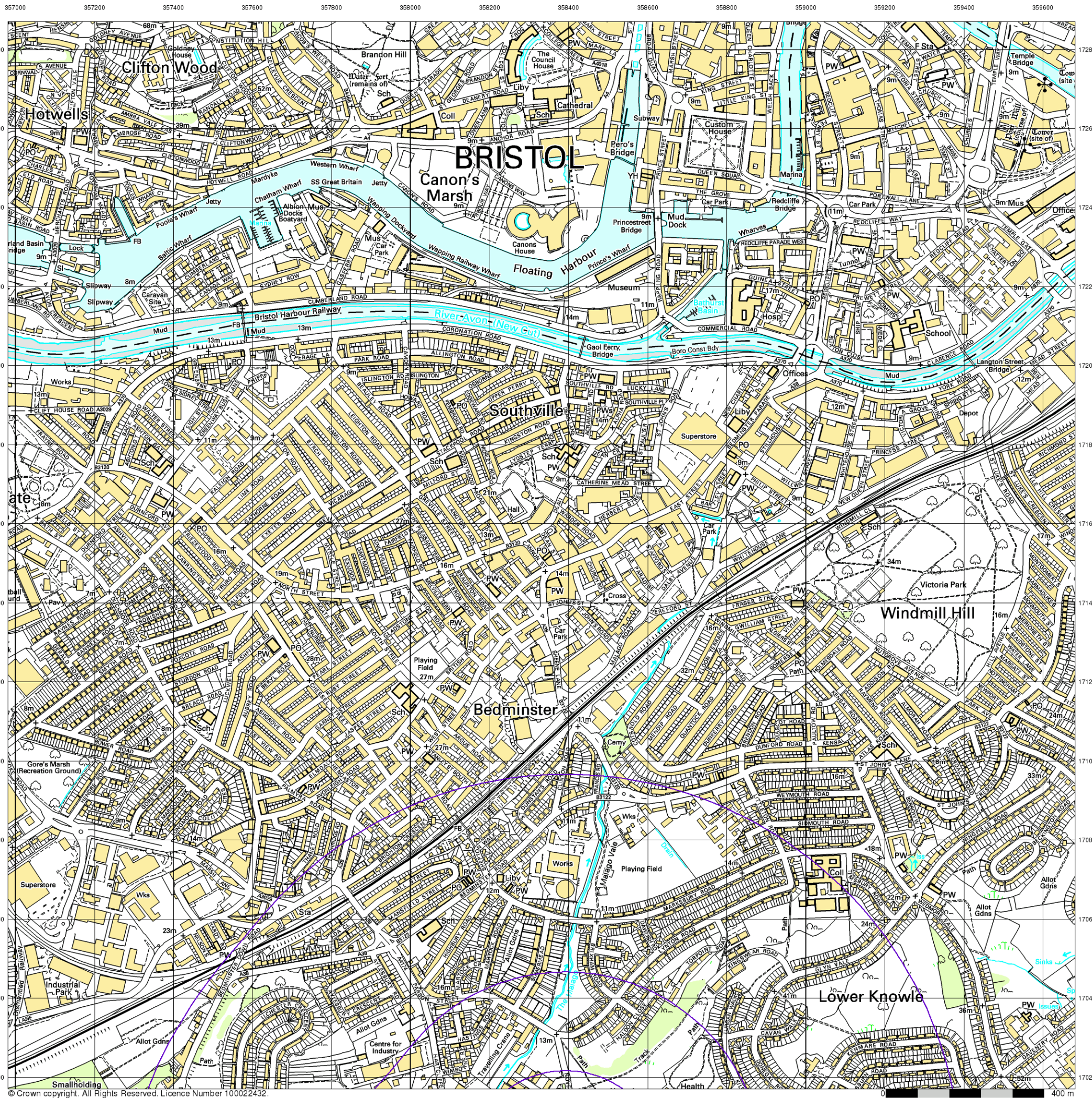
## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





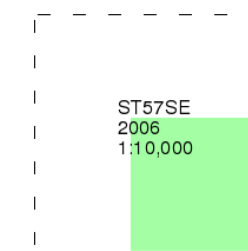
## 10k Raster Mapping

Published 2006

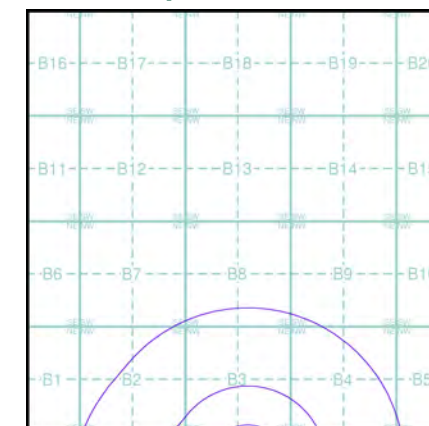
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

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



### Historical Map - Slice B



### Order Details

Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





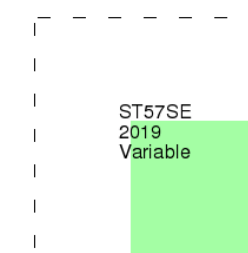
## VectorMap Local

Published 2019

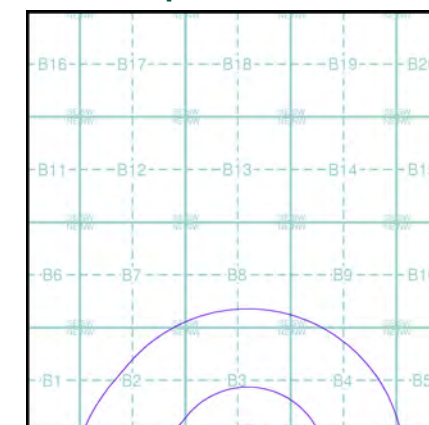
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

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



## Historical Map - Slice B



## Order Details

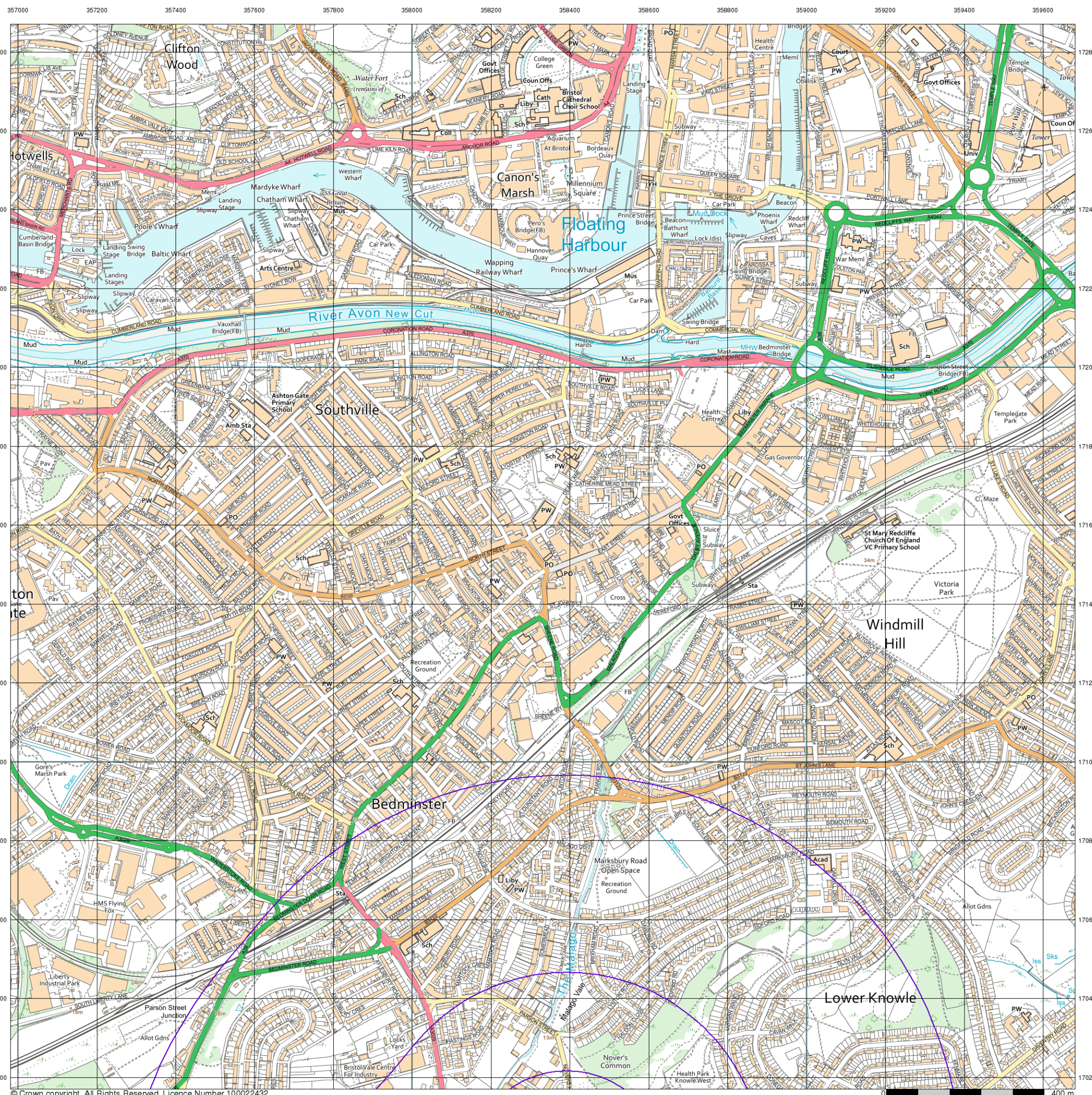
Order Number: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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

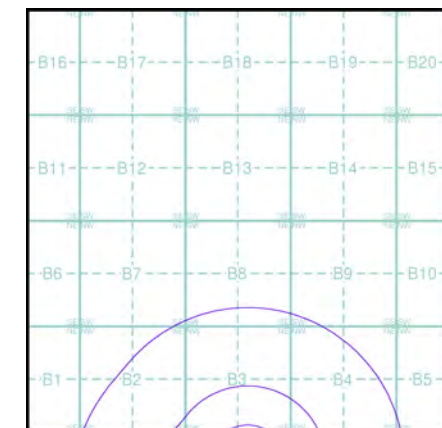






- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution 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)
  - 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: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

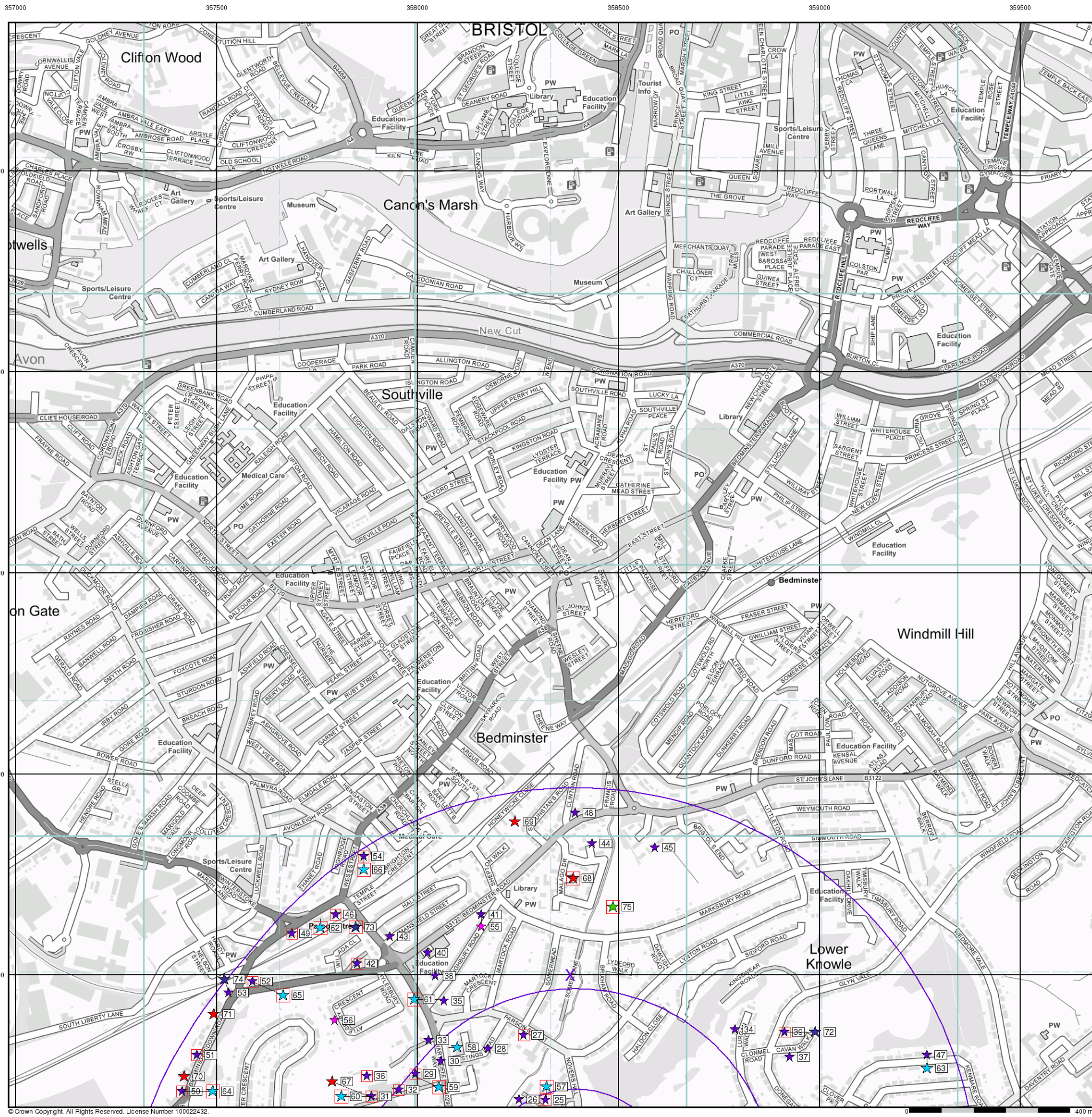
39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







## Industrial Land Use Map

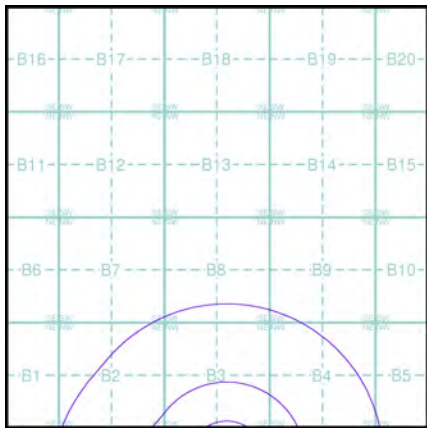
### General

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

### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





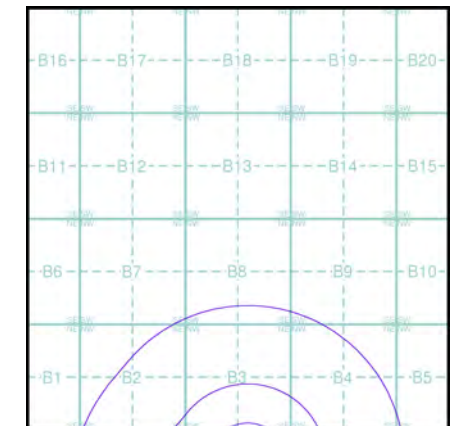
### General

- 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

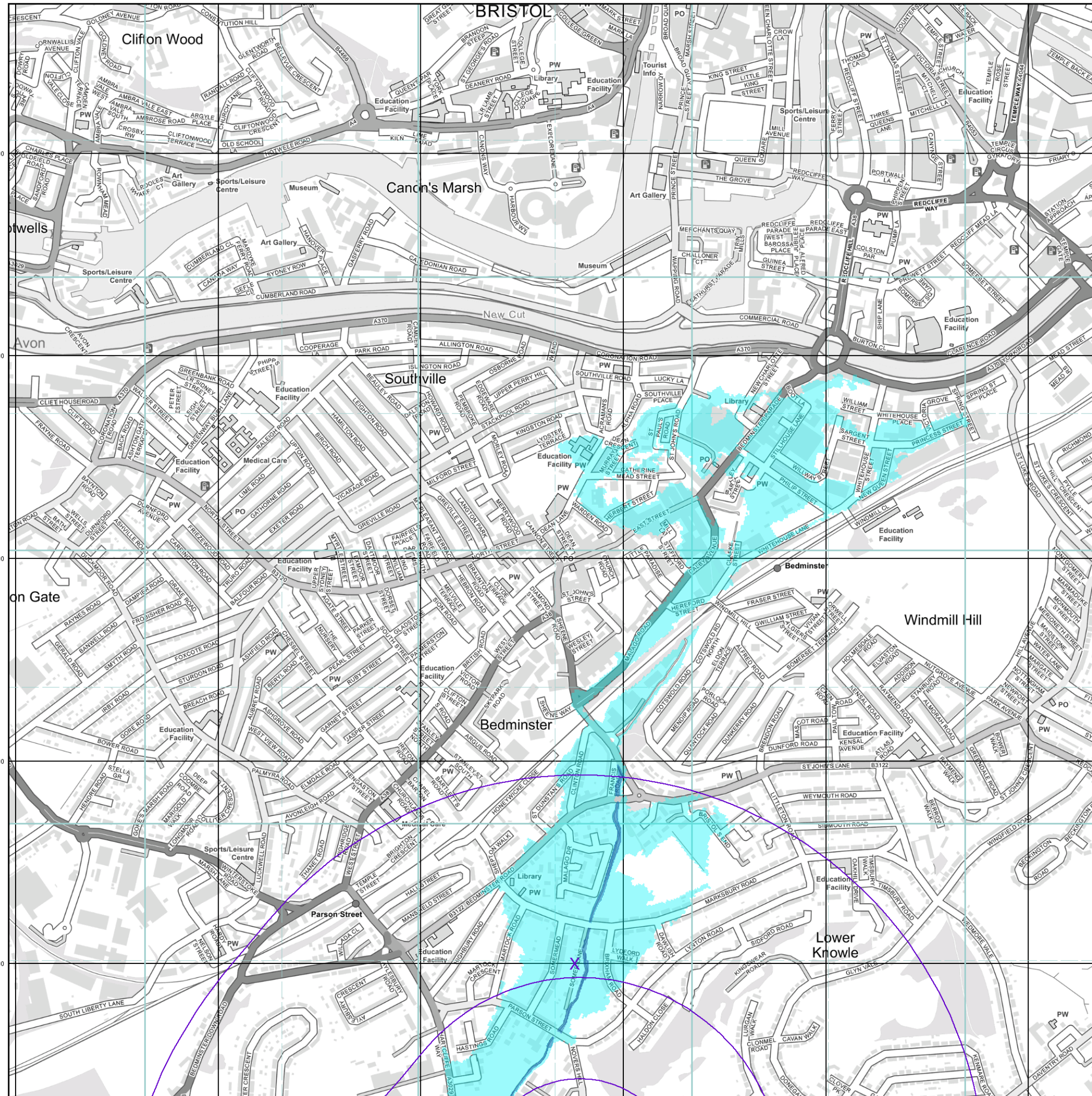
Order Number: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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







### General

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

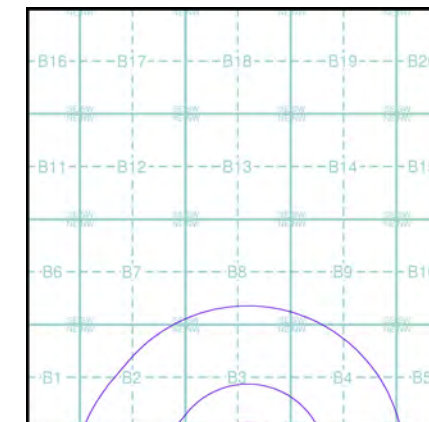
### Agency and Hydrological (Boreholes)

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

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

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

### Borehole Map - Slice B



### Order Details

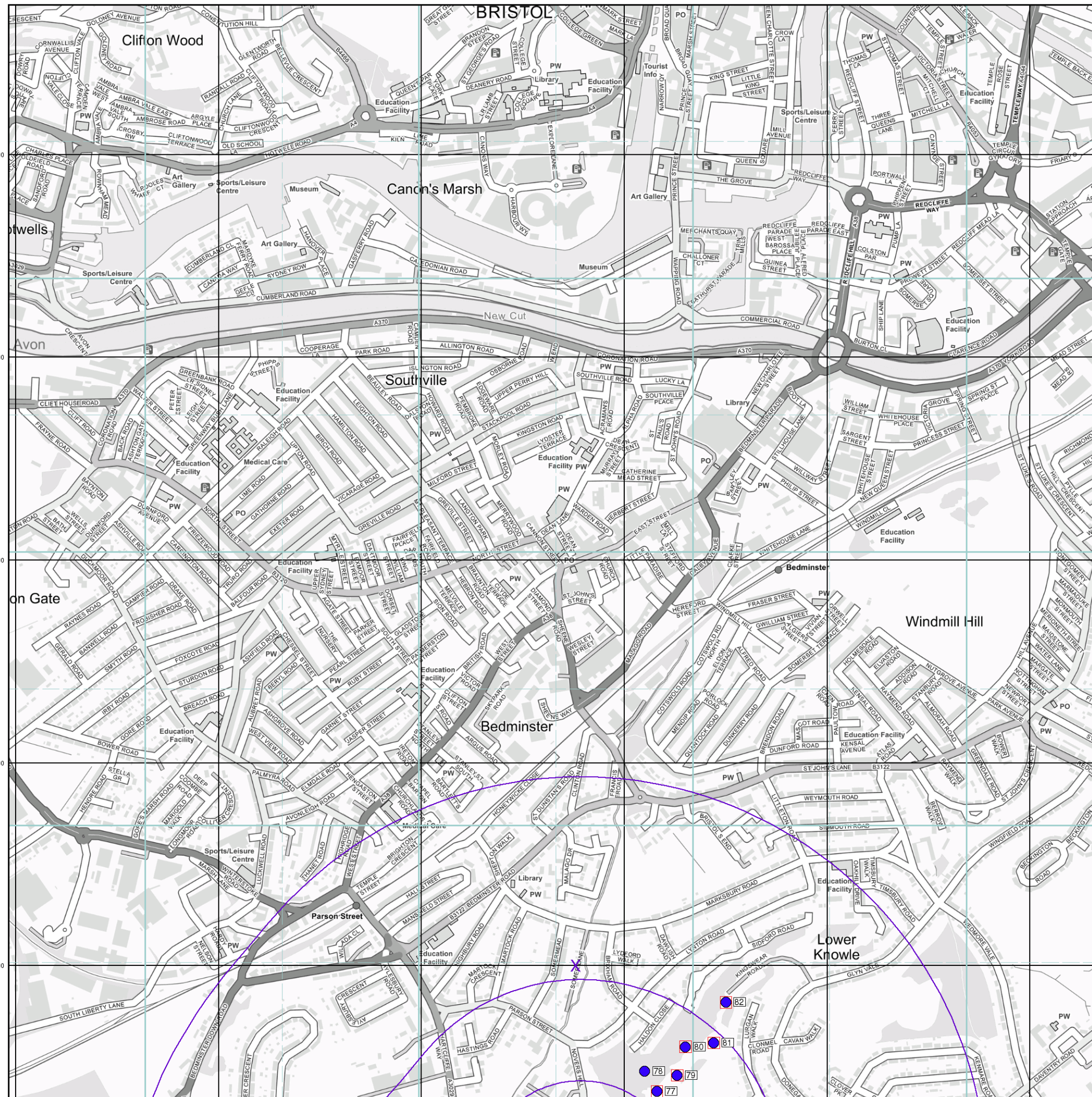
Order Number: 213470193\_1\_1  
 Customer Ref: 60601667\_Novers Hill  
 National Grid Reference: 358380, 170500  
 Slice: B  
 Site Area (Ha): 10.65  
 Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





357000 357500 358000 358500 359000 359500



### General

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

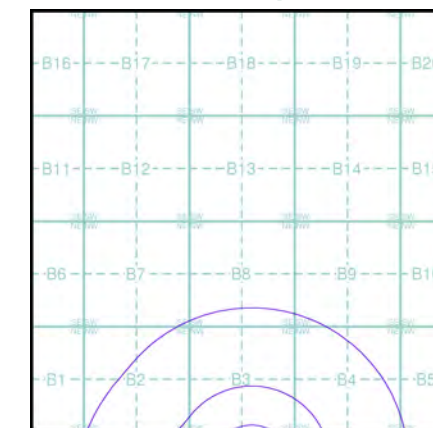
### OS Water Network Data

- |              |                         |
|--------------|-------------------------|
| 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: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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

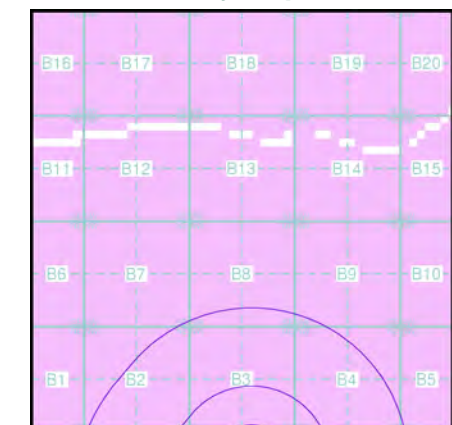
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

### 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: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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





357000 357500 358000 358500 359000 359500

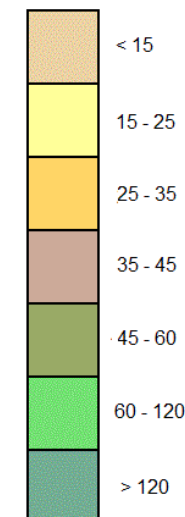


## General

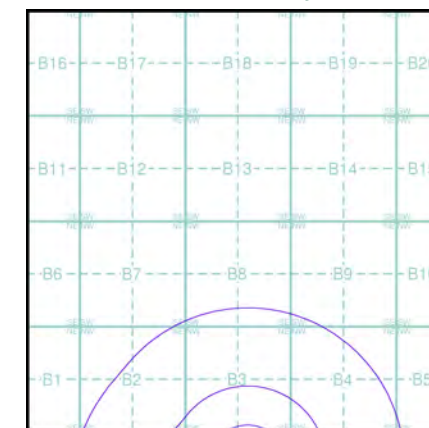
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



## Estimated Soil Chemistry Arsenic - Slice B



## Order Details

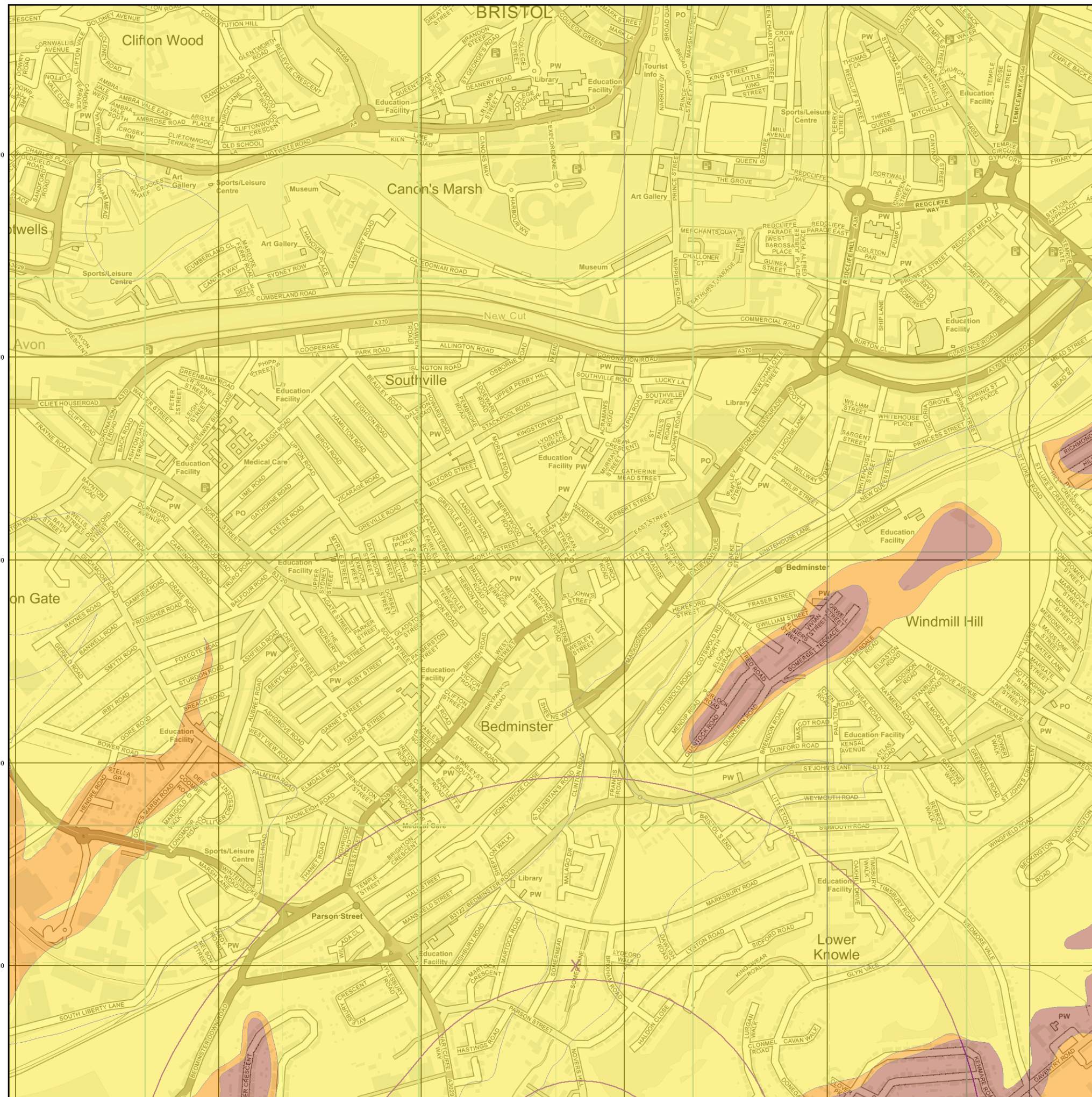
Order Details: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU

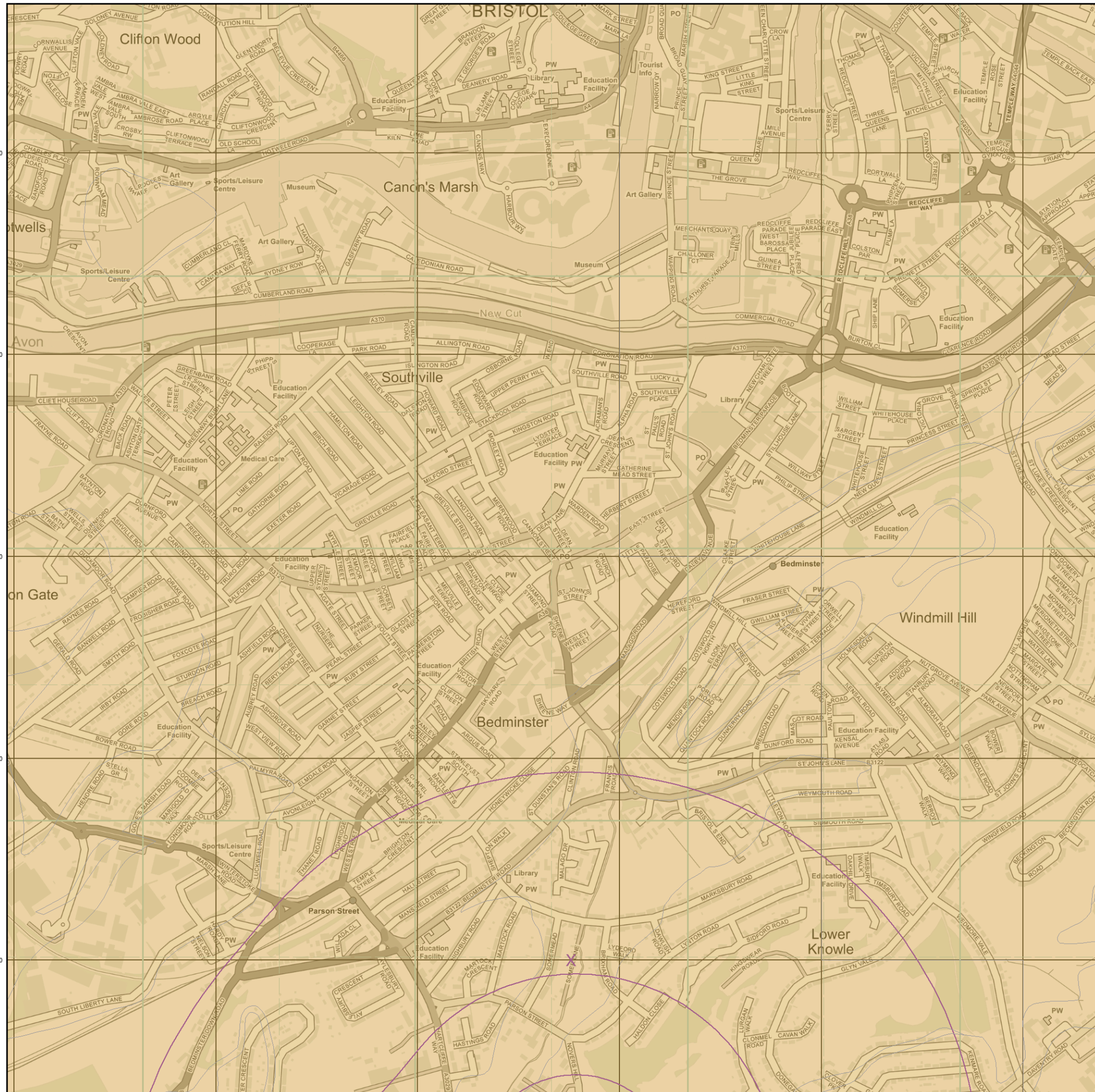


Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk





357000 357500 358000 358500 359000 359500



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

B1

B2

B3

B4

B5

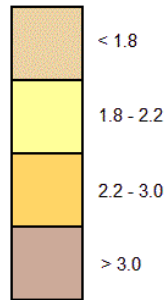
AECOM

### General

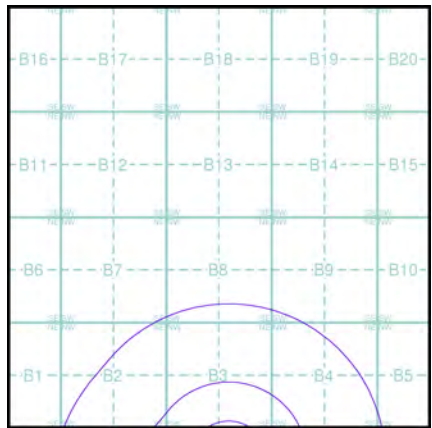
Specified Site Specified Buffer(s) Bearing Reference Point

### Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



### Estimated Soil Chemistry Cadmium - Slice B



### Order Details

Order Details: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU

Landmark  
INFORMATION GROUP

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



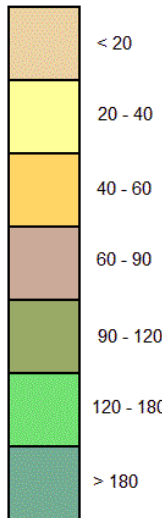


### General

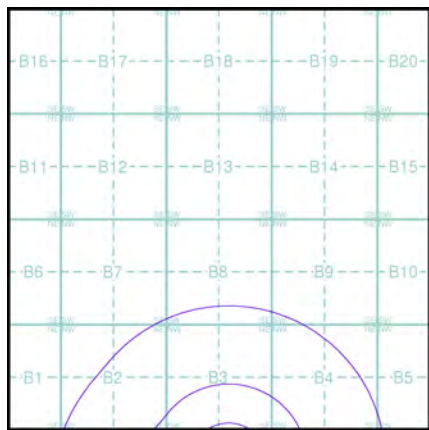
Specified Site Specified Buffer(s) Bearing Reference Point

### Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



### Estimated Soil Chemistry Chromium - Slice B



### Order Details

Order Details: 213470193\_1\_1  
Customer Ref: 60601667 Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

### Site Details

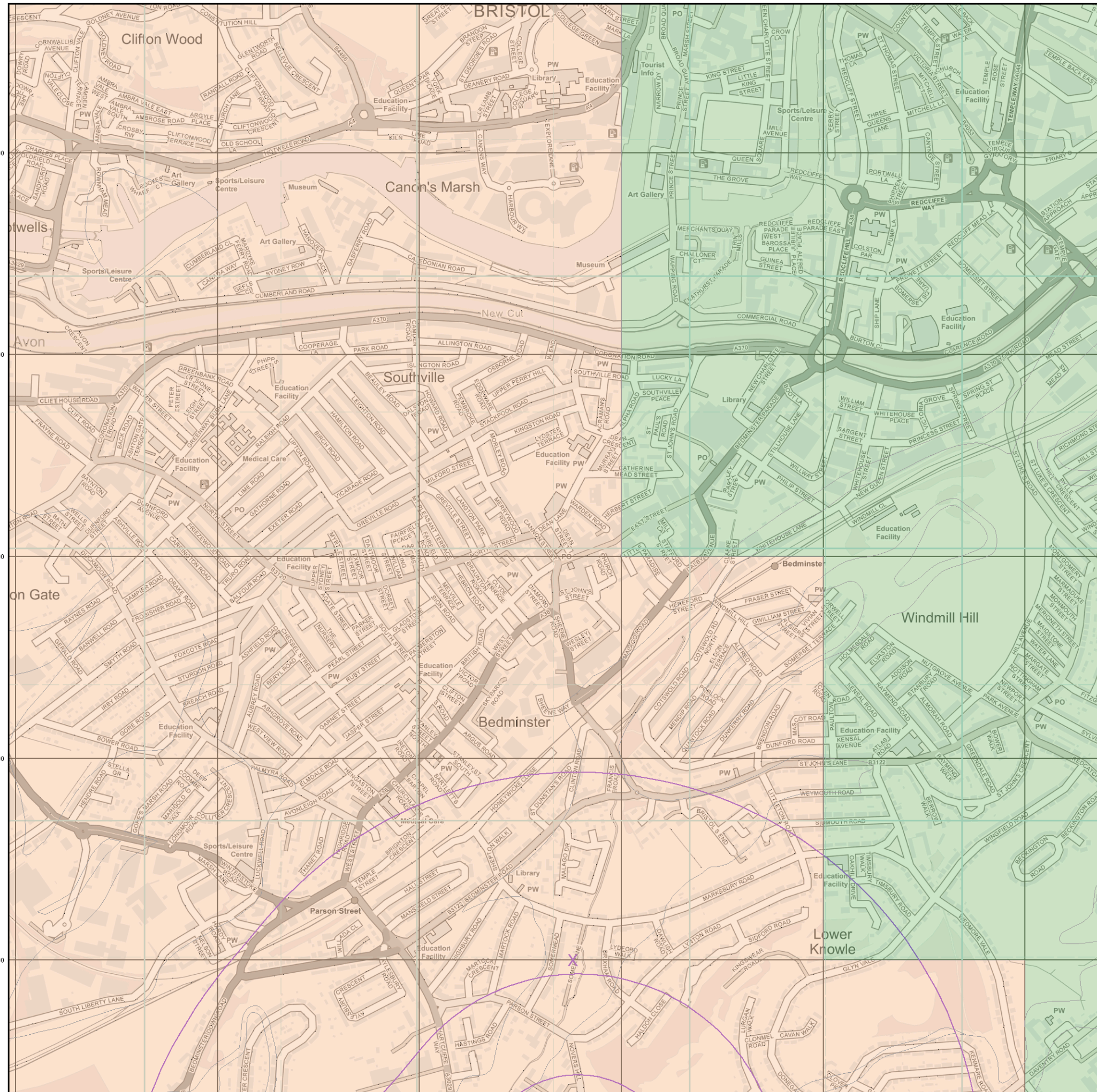
39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



357000 357500 358000 358500 359000 359500



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

B1

B2

B3

B4

B5

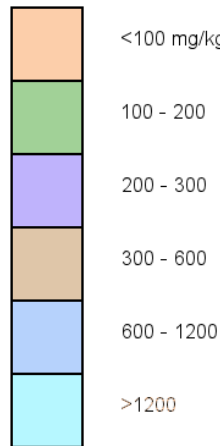


## General

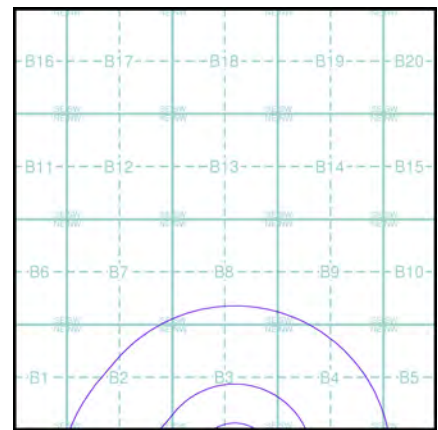
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



## Estimated Soil Chemistry Lead - Slice B



## Order Details

Order Details: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

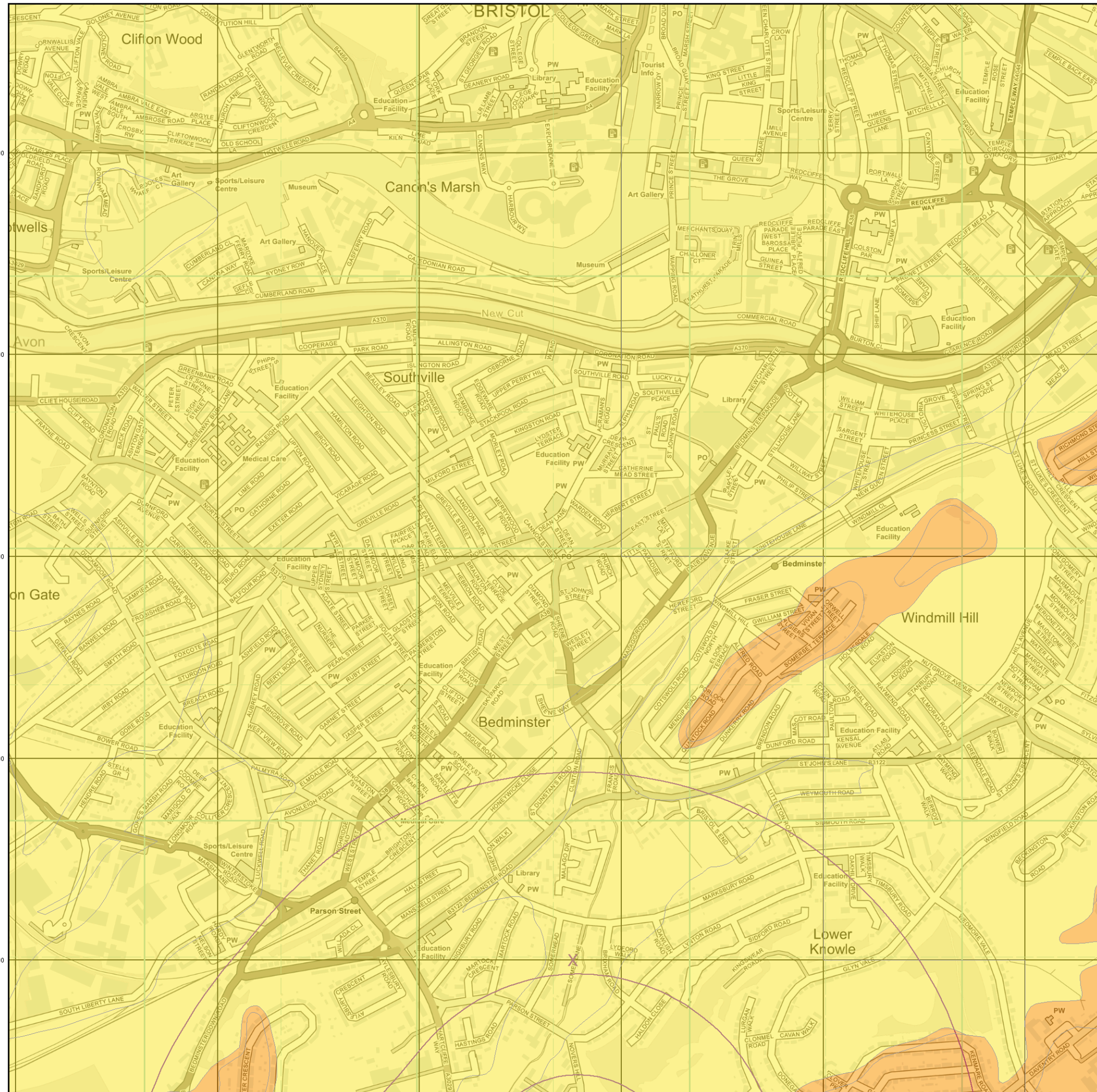
39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



357000 357500 358000 358500 359000 359500



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

B1

B2

B3

B4

B5

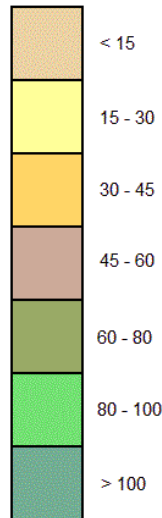


## General

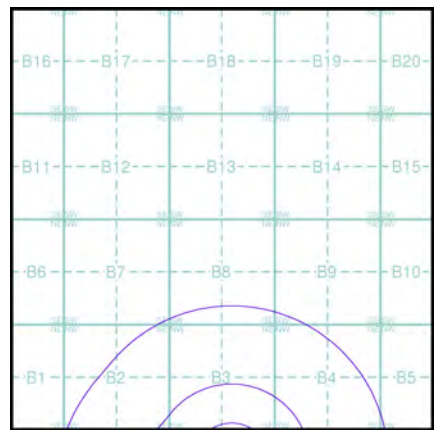
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



## Estimated Soil Chemistry Nickel - Slice B



## Order Details

Order Details: 213470193\_1\_1  
Customer Ref: 60601667\_Novers Hill  
National Grid Reference: 358380, 170500  
Slice: B  
Site Area (Ha): 10.65  
Search Buffer (m): 1000

## Site Details

39, Novers Hill, Bedminster, BRISTOL, BS3 5QU



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



## Appendix B Photolog



**Facility Name:**  
Novers Hill

**Site Location:**  
Novers Hill, Bedminster, Bristol, BS3 5QU

**Project No.**  
60601667

<b>Photo No.</b> <b>1</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>		
South		
<b>Description:</b>		
View of southern site boundary. Junction of Novers Lane and Hartcliffe Way		

<b>Photo No.</b> <b>2</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>		
North		
<b>Description:</b>		
View of grazing land in the southern section of the site		



**Facility Name:**  
Novers Hill

**Site Location:**  
Novers Hill, Bedminster, Bristol, BS3 5QU

**Project No.**  
60601667

<b>Photo No.</b> <b>3</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>  North east		
<b>Description:</b>  View of eastern boundary with residential properties located on Farnaby Close		

<b>Photo No.</b> <b>4</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>  North west		
<b>Description:</b>  View of open grazing land		



**Facility Name:**  
Novers Hill

**Site Location:**  
Novers Hill, Bedminster, Bristol, BS3 5QU

**Project No.**  
60601667

<b>Photo No.</b> <b>5</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>		
North west		
<b>Description:</b>		
View of grazing land, land slopes down towards Pigeonhouse Stream		

<b>Photo No.</b> <b>6</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>		
North East		
<b>Description:</b>		
View of building footprint of former school buildings located off Novers Lane		



**Facility Name:**  
Novers Hill

**Site Location:**  
Novers Hill, Bedminster, Bristol, BS3 5QU

**Project No.**  
60601667

<b>Photo No.</b> <b>7</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>  East		
<b>Description:</b>  View of hardstanding within the grounds of the former school located off Novers Lane		

<b>Photo No.</b> <b>8</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>  North West		
<b>Description:</b>  View of hardstanding within the grounds of the former school located off Novers Lane		



**Facility Name:**  
Novers Hill

**Site Location:**  
Novers Hill, Bedminster, Bristol, BS3 5QU

**Project No.**  
60601667

<b>Photo No.</b> <b>9</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>  East		
<b>Description:</b>  View of stables with new residential development (Bridge Views) located along the eastern boundary of the site		

<b>Photo No.</b> <b>10</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>  West		
<b>Description:</b>  View of stable yard located in the central part of the site		



**Facility Name:**  
Novers Hill

**Site Location:**  
Novers Hill, Bedminster, Bristol, BS3 5QU

**Project No.**  
60601667

<b>Photo No.</b> <b>11</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>		
South west		
<b>Description:</b>		
View of overgrown grazing area located in the central part of the site.		


<b>Photo No.</b> <b>12</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>		
West		
<b>Description:</b>		
View of grazing areas		



**Facility Name:**  
Novers Hill

**Site Location:**  
Novers Hill, Bedminster, Bristol, BS3 5QU

**Project No.**  
60601667

<b>Photo No.</b> <b>13</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>		
South west		
<b>Description:</b>		
View of stable area		

<b>Photo No.</b> <b>14</b>	<b>Date:</b> 20/08/19	
<b>Direction Photo Taken:</b>		
West		
<b>Description:</b>		
View of storage within stable area		



**Facility Name:**  
Novers Hill

**Site Location:**  
Novers Hill, Bedminster, Bristol, BS3 5QU

**Project No.**  
60601667

<b>Photo No.</b> <b>15</b>	<b>Date:</b> 20/08/19
<b>Direction Photo Taken:</b>  West	
<b>Description:</b>  View of grazing area (northern part of the site) located to the north of the stables	

A photograph showing a view of a grazing area (northern part of the site) located to the north of the stables. The area is covered in green grass and some tall, reddish-brown weeds. In the background, there are trees and a residential area with houses. The sky is blue with some clouds.

<b>Photo No.</b> <b>16</b>	<b>Date:</b> 20/08/19
<b>Direction Photo Taken:</b>  North East	
<b>Description:</b>  View of residential and commercial properties (Smart Access Scaffolding and Bristol Body Care) located off Novers Hill immediately to the north of the site boundary	

A photograph taken from a paved area, looking down a narrow road or driveway. On the right side, there is a two-story house with a red-tiled roof and a mix of grey stone and white plaster walls. A wooden fence runs along the front of the property, with a 'NO PARKING' sign attached to it. In the background, a residential area with many houses is visible on a hillside under a blue sky with scattered white clouds. A yellow van is parked further down the road on the left.



**Facility Name:**  
Novers Hill

**Site Location:**  
Novers Hill, Bedminster, Bristol, BS3 5QU

**Project No.**  
60601667

<b>Photo No.</b> <b>17</b>	<b>Date:</b> 20/08/19
<b>Direction Photo Taken:</b>  South West	
<b>Description:</b>  View of Novers Hill Trading Estate located to the north of the site	

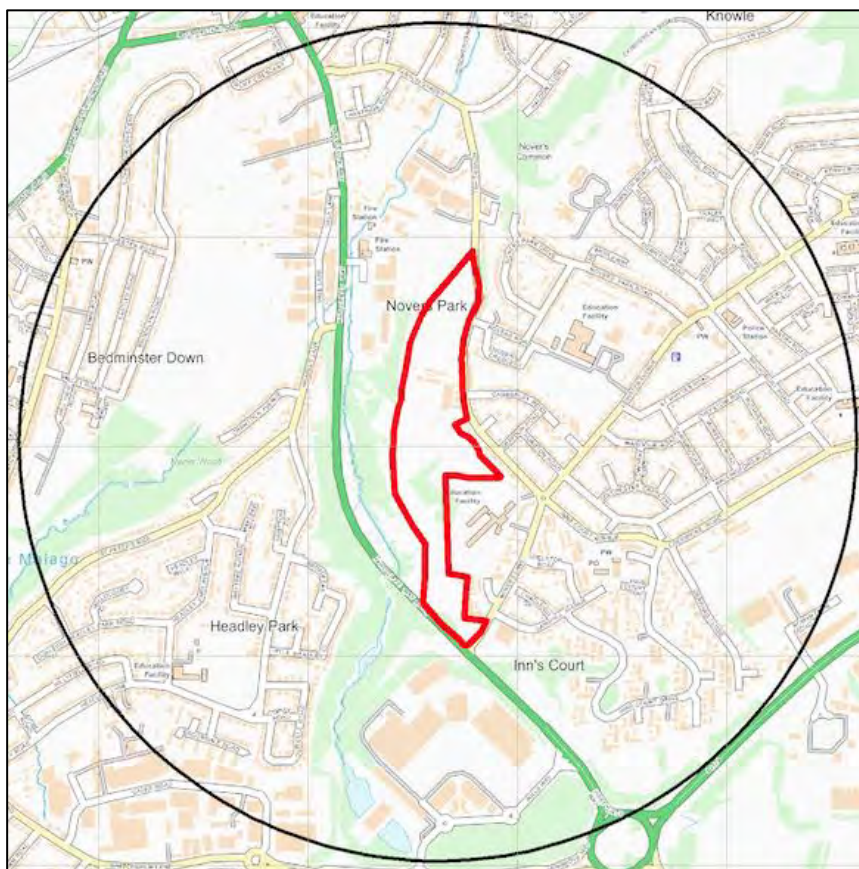


## Appendix C UXO Threat & Risk Assessment



# Detailed Unexploded Ordnance (UXO) Threat & Risk Assessment

Meeting the requirements of CIRIA C681 'Unexploded Ordnance (UXO)  
A guide for the Construction Industry' Risk Management Framework



<b>6 ALPHA PROJECT NUMBER</b>	P7530	<b>ORIGINATOR</b>	L. Gregory
<b>LANDMARK ORDER NUMBER</b>	213550942_1	<b>REVIEWED BY</b>	B. Wilkinson (9 <sup>th</sup> August 2019)
<b>CLIENT REFERENCE</b>	60601667_Novers Hill	<b>RELEASED BY</b>	R. Griffiths (14 <sup>th</sup> August 2019)
<b>SITE</b>	Novers Hill, Bristol, BS3 5QU		
<b>RATING</b>	<b>HIGH</b> - This Site requires further action to reduce risk to ALARP during intrusive activities.		

# Contents

---

Detailed Unexploded Ordnance (UXO) Threat & Risk Assessment .....	1
Contents .....	1
Acronyms and Abbreviations .....	2
EXECUTIVE SUMMARY .....	3
ASSESSMENT METHODOLOGY .....	5
STAGE ONE – SITE LOCATION AND DESCRIPTION .....	6
Proposed Works .....	6
Ground Conditions .....	6
STAGE TWO – REVIEW OF HISTORICAL DATASETS .....	8
STAGE THREE – DATA ANALYSIS .....	12
STAGE FOUR – RISK ASSESSMENT .....	13
Threat Items .....	13
Bomb Penetration Depth .....	13
UXO Risk Calculation Table .....	14
STAGE FIVE – RECOMMENDED RISK MITIGATION MEASURES .....	15
Report Figures .....	16

# FIGURES

---

- Figure One - Site Location
- Figure Two - Site Boundary
- Figure Three - Aerial Photography (2018)
- Figure Four A - WWII Luftwaffe Bombing Targets
- Figure Four B – WWII Luftwaffe Aerial Photography
- Figure Five - Extent of Whitchurch Airfield
- Figure Six - WWII Consolidated Bomb Strikes
- Figure Seven - WWII High Explosive Bomb Density



## Acronyms and Abbreviations

AA	Anti-Aircraft	NEQ	Net Explosive Quantity
AAA	Anti-Aircraft Ammunition	NFF	National Filling Factory
ALARP	As Low As Reasonably Practicable	NGR	National Grid Reference
AOD	Above Ordnance Datum	OD	Ordnance Datum
ARP	Air Raid Precaution	OS	Ordnance Survey
AXO	Abandoned Explosive Ordnance	PM	Parachute Mine
BD	Bomb Disposal	PoW	Prisoner of War
BDO	Bomb Disposal Officer	RADAR	Radio Detection And Ranging
bgl	Below Ground Level	RAF	Royal Air Force
BGS	British Geological Survey	RN	Royal Navy
BH	Borehole	RNAS	Royal Naval Air Service
BPD	Bomb Penetration Depth	ROF	Royal Ordnance Factory
CDP	Cast Driven Piles	SAA	Small Arms Ammunition
CFA	Continuous Flight Auger	TA	Territorial Army
CIRIA	Construction Industry Research and Information Association	TNT	Trinitrotoluene
CPT	Cone Penetration Testing	UK	United Kingdom
CS	County Series	UN	United Nations
EO	Explosive Ordnance	USAAF	United States Army Air Force
EOC	Explosive Ordnance Clearance	UXB	Unexploded Bomb
EOD	Explosive Ordnance Disposal	UXO	Unexploded Ordnance
GI	Ground Investigation	V Weapons	<i>Vergeltungswaffe</i> – Vengeance Weapons
GIS	Geographic Information Systems	WD	War Department
GL	Ground Level	WWI	World War One
GP	General Purpose	WWII	World War Two
GPS	Global Positioning Systems		
HAA	Heavy Anti-Aircraft		
HE	High Explosive		
HO	Home Office		
HSE	Health and Safety Executive		
IB	Incendiary Bomb		
kg	Kilograms		
km	Kilometres		
LAA	Light Anti-Aircraft		
LCC	London County Council		
LE	Low Explosive		
LSA	Land Service Ammunition		
m	Metres		
MoD	Ministry of Defence		
mm	Millimetres		

## EXECUTIVE SUMMARY

### Study Site

The Client has defined the Study Site as “Novers Hill, Bristol, BS3 5QU”. The Site is located at NGR 358310, 169510.

### Risk Level

**HIGH**

### Potential Threat Sources

The most likely source of UXO contamination is from *German* aerially delivered ordnance, which ranges from small IBs through to large HE bombs (the latter forms the principal threat).

### Risk Pathway

Given the types of UXO that might be present on-site, all types of aggressive intrusive engineering activities may generate a significant risk pathway.

### Key Findings

During WWII, the Study Site was situated within *Bristol County Borough*, which recorded 63 HE bomb strikes per 100 hectares, a very high level of bombing.

*Luftwaffe* aerial reconnaissance photography associated with the Site identified a radio direction finding station (located 795m to the east) and an airfield (located 820m to the east-south-east) as primary bombing targets.

ARP records associated with the Site did not note any HE bomb strikes within it. However, five were recorded within 305m; 60m to the west, 225m to the west, 240m to the east, 280m to the north-west and 315m to the west.

Official bomb damage mapping did not record any bomb damage within 1,000m of the Site. Nonetheless, given that the Study Site was undeveloped during WWII, mapping would not ordinarily be expected to display any bomb damage within the Site boundary. In addition, supplementary research did not identify any evidence of potential bomb damage within 1,000m of the Site.

Pre-WWII mapping (1938) associated with the Site shows that it was located within a largely rural area during WWII. The Site itself predominantly consisted of undeveloped ground, though several small unnamed structures were located within the central sector of the Site. As a result, it is highly likely that any UXB entry holes within the Site would have gone unnoticed following any raids.

Further small structures were developed on-site during the late 1940's and 1950s and significant construction work occurred during the 1960s with the building of *Nover's Lane Infants School*. Further development work was undertaken on-site with the demolition of the school and construction of residential properties between 2000-2019. Nonetheless, the vast majority of the Site has remained undeveloped since WWII. Consequently, it is considered likely that any UXO within the structural foundations of post-war buildings would have been discovered and removed, however, the potential for deep buried UXO to be present within remaining areas is assessed to be extant. Given that the vicinity of the Site was subjected to bombing, the following risk mitigation measures are recommended as a minimum, in order to reduce risks ALARP, during intrusive works in all previously undisturbed ground i.e. that which has not previously been excavated, probed, drilled or otherwise intrusively disturbed since it had potentially become contaminated with UXO.



## EXECUTIVE SUMMARY (...continued)

### Recommended Risk Mitigation

#### All Groundworks in All Areas:

**1. Operational UXO Emergency Response Plan;** appropriate Site Management documentation should be held on-site to guide and plan for the actions which should be undertaken in the event of a suspected or confirmed UXO discovery (this plan can be supplied by *6 Alpha*);

**2. UXO Safety & Awareness Briefings;** the briefings are essential when there is a possibility of an-UXO / UXB encounter and are a vital part of the general safety requirement. All personnel working on the Site should receive a briefing on the identification of an UXO / UXB, what actions they should take to keep people and equipment away from such a hazard and to alert Site management. Information concerning the nature of the UXO / UXB threat should be held in the Site office and displayed for general information on notice boards, both for reference and as a reminder for ground workers. The Safety & Awareness briefing is an essential part of the *Health & Safety Plan* for the Site and helps to evidence conformity with the principles laid down in the *CDM* regulations 2015 (this briefing can be delivered directly, or in some cases remotely, by *6 Alpha*).

#### Trial Pits, Excavations and Trenching into Previously Undisturbed Ground:

**3. Non-intrusive UXO Survey and/or EOD Banksman Support;** Where 'open' intrusive works into previously undisturbed ground are proposed and where the extent is considered to be within the capabilities of non-intrusive UXO survey equipment and implementation of this is assessed as likely to prove effective, a non-intrusive geophysical UXO survey should be trialed and, if it proves successful, should be employed to survey site-wide, or in specific areas where 'open' intrusive works are to be implemented to identify for signs of sub-surface anomalies which may model as the target UXO in advance of said works. If the survey proves partially or wholly ineffective, an EOD Engineer should be present in the UXO Banksman role to monitor ongoing 'open' intrusive works to identify any suspicious items that may be UXB or UXO related (this service can be provided by *6 Alpha*).

#### Window Sampling and Boreholing (*add/delete as appropriate*) into Previously Undisturbed Ground:

**4. Intrusive UXO Survey;** Where 'blind' intrusive works into previously undisturbed ground are proposed, an intrusive UXO survey (employing down-hole magnetometer or MagCone techniques) is strongly recommended. Such a survey should extend to the *assessed average bomb penetration depth* or to the maximum depth of the works, whichever is encountered first, or until geology is encountered through which it is assessed a UXB would not penetrate, to identify for signs of sub-surface anomalies which may model as the target UXO in advance of said works. (this service can be provided by *6 Alpha*).

For further information, please contact Envirocheck:

Website: <http://www.envirocheck.co.uk>

Telephone: +44 (0)844 844 9952

Email: [customerservice@envirocheck.co.uk](mailto:customerservice@envirocheck.co.uk)

## ASSESSMENT METHODOLOGY

### Approach

6 Alpha Associates is an independent, specialist risk management consultancy practice, which has assessed the risk of encountering UXO (as well as buried bulk high explosives) at this Site, by employing a process advocated for this purpose by CIRIA. The CIRIA guide for managing UXO risks in the construction industry (C681) not only represents best practice but has also been endorsed by the HSE. Any risk mitigation solution is recommended *only* because it delivers the Client a risk reduced to ALARP at best value.

UXO hazards can be identified through the investigation of local and national archives associated with the Site, MoD archives, local historical sources, historical mapping as well as contemporaneous aerial photography (if it is available). Hazards will have only been recorded if there is specific information that could reasonably place them within the boundaries of the Site. The amalgamation of information is then assessed to enable the researcher to provide relevant and accurate risk mitigation practices.

The assessment of UXO risk is a measure of *probability of encounter* and *consequence of encounter*; the former being a function of the identified hazard and proposed development methodology; the latter being a function of the type of hazard and the proximity of personnel (and/or other 'sensitive receptors', such as equipment) to the hazard, at the moment of encounter.

If UXO risks are identified, the methods of mitigation we have recommended are considered reasonably and sufficiently robust to reduce them to ALARP. We advocate the adoption of the legal ALARP principle because it is a key factor in efficiently and effectively ameliorating UXO risks. It also provides a ready means for assessing the Client's tolerability of UXO risk. In essence, the principle states that if the cost of reducing a risk significantly outweighs the benefit, then the risk may be considered tolerable. This does not mean that there is never a requirement for UXO risk mitigation, but that any mitigation must demonstrate that it is beneficial. Any additional mitigation that delivers diminishing benefits and that consume disproportionate time, money and effort are considered *de minimis* and thus unnecessary. Because of this principle, UXB and UXO risks will rarely be reduced to zero (nor need they be).

### Important Notes

Key source material is referenced within this document, whilst secondary/anecdotal information may be available upon request.

Although this report is up to date and accurate at the time of writing, our databases are continually being populated as and when additional information becomes available. Nonetheless, 6 Alpha have exercised all reasonable care, skill and due diligence in providing this service and producing this report.

The assessment levels are based upon our professional opinion and have been supported by our interpretation of historical records and third party data sources. Wherever possible, 6 Alpha has sought to corroborate and to verify the accuracy of all data we have employed, but we are not accountable for any inherent errors that may be contained in third party data sets (e.g. *National Archive* or other library sources), and over which 6 Alpha cannot exercise control.



## STAGE ONE – SITE LOCATION AND DESCRIPTION

### Study Site

The Client has defined the Study Site as “Novers Hill, Bristol, BS3 5QU”. The Site is located at NGR 358310, 169510. The Site location and Site boundary are presented at *Figures 1* and *2* respectively.

### Location Description

The Study Site is situated within the *City of Bristol* and covers an area of 10.65 hectares (ha).

Furthermore, the Site is bounded by:

- North: Undeveloped ground and *Novers Hill*;
- East: *Novers Hill*, residential properties and *Greenfield E-Act Academy*;
- South: *Novers Lane* and *Hartcliffe Way*;
- West: Undeveloped ground and *Hartcliffe Way*.

### Aerial Photography (2018) (*Figure 3*)

Current aerial photography corroborates the information above and shows that the Site is situated within a developed residential area. The Study Site itself consists predominantly of undeveloped ground. Nonetheless, there are areas of residential development, hardstanding and small unidentifiable structures in the central and northern sector of the Site.

### Proposed Works

The Client has described the following:

- “Ground Investigations:
  - Shallow Trial Pit up to 1m below ground level
  - Medium Trial Pit between 1m and 5m below ground level
  - Deep Trial Pit greater than 5m below ground level
  - Window Sampling up to 1m below ground level
  - Shallow Trenching up to 2m below ground level
  - Shallow Bulk Excavation up to 2m below ground level
- Borehole Depth: Up to 12m.
- Intrusive Work: Boreholes and trial pitting
- Excavation Depth: 4m”.

### Ground Conditions

It is important to establish the specific ground conditions in order to determine the maximum *German* UXB penetration depth as well as the potential for other types of munitions to be buried.

If the Site investigations and/or construction methodologies change, and/or if a specific methodology is to be employed, and/or if the scope of work is focused upon a specific part of the Site, then *6 Alpha* are to be informed so that the prospective UXO risks and the associated risk mitigation methodology might be re-assessed. Certain ground conditions may also constrain certain types of UXO risk mitigative works e.g. magnetometer survey is adversely affected in mineralised and made ground.

It is important to establish the provenance of made ground, where this is recorded as being part of the site ground make-up, in order to accurately determine the ground levels at the time when the site may have become potentially contaminated with UXO and so as to accurately determine the average / maximum bomb penetration depths and make appropriate recommendations aimed at reducing the risk to ALARP.

## STAGE ONE – SITE LOCATION AND DESCRIPTION (...continued)

### Ground Conditions

BGS borehole log “ST56NE6 – Main Drainage Works” (located 5m to the east of the Site), recorded the following strata:

Depth bgl (m)	Strata	Description
0.00m to 0.30m	Fill	Topsoil
0.30m to 1.30m	Clay	Pale brown silty sandy Clay with cobbles of gravel of pale grey med. strong limestone.
1.30m to 1.85m	Limestone	Weathered to pale grey brown, strong porcelaneous Limestone with very thin shaly mudstone.
1.85m to 2.78m	Mudstone	Weathered to fragmented, pale brown very weak Mudstone with LST cobble.
2.78m to 5.23m	Mudstone and Limestone	Mudstone with nodular Limestone.
5.23m to 7.80m	Mudstone	Becoming very thin horizontally bedded occasionally jointed, dark grey silty Mudstone.
7.80m to 25.47	Mudstone	Very thin bedded, very close jointed greenish grey very weak sandy calcareous Mudstone.



## STAGE TWO – REVIEW OF HISTORICAL DATASETS

### Sources of Information Consulted

The following primary information sources have been used in order to establish the background UXO threat:

1. *6 Alpha's Azimuth Database*;
2. *Home Office WWII Bomb Census Maps*;
3. *WWII and post-WWII aerial photography*;
4. *Official Abandoned Bomb Register*;
5. *Official Bomb Damage maps*;
6. *Information gathered from the National Archives at Kew*;
7. *Historic UXO information provided by 33 Engineer Regiment (Explosive Ordnance Disposal) at Carver Barracks, Wimbish.*

### Potential Sources of UXO Contamination

In general, there are several activities that might contaminate a site with UXO but the three most common ways are: legacy munitions from military training/exercises; deliberate or accidental dumping (AXO) and ordnance resulting from war fighting activities (also known as the Explosive Remnants of War (ERW)).

During WWII, the *Luftwaffe* undertook bombing campaigns all over the *UK*. The most common type of UXO discovered today is the aerielly delivered high explosive (HE) bomb, which are comparatively thick-skinned and dropped from enemy aircraft. If the bomb did not detonate when it was dropped, the force of impact enabled the UXO to penetrate the ground, often leaving behind it a UXB entry hole. These entry holes were not always apparent and some went unreported, leaving the bomb buried and unrecorded. More rarely, additional forms of *German* UXO are occasionally discovered including *inter alia* V1 and V2 rockets, Incendiary Bombs (IBs), and Anti-personnel (AP) bomblets.

Although the *Luftwaffe* had designated primary bombing targets across the *UK*, their high-altitude night bombing was not accurate. As a result, thousands of buildings were damaged and civilian fatalities were common. Bombs were also jettisoned over opportunistic targets and residential areas were sometimes struck.

As the threat of invasion lingered over *Britain* during WWII, defensive actions were undertaken. The *British* and *Allied Forces* requisitioned large areas of land for military training and bomb storage (including HE bombs, naval shells, artillery and tank projectiles, explosives, LSA and SAA). Thousands of tonnes of these munitions were used for the *Allied Forces* weapon testing and military training alone. It has been estimated that at least 20 per cent of the *UK's* land has been used for military training at some point.

*The best practice guide for dealing with your UXO risks on land* (CIRIA publication C681) suggests that approximately 10 per cent of all munitions deployed failed to function as designed. ERW are therefore, still commonly encountered, especially whist undertaking construction and civil engineering groundwork.

Furthermore, in exceptional circumstances, UXO is discovered unexpectedly and without apparent rational explanation. There are several ways this might occur:

- When *Luftwaffe* aircraft wished to swiftly escape e.g. from an aerial attack, they would jettison some or all of their bombs and flee. This is commonly referred to as *tip and run* and it has resulted in bombs being found in unexpected locations;
- Transportation of aggregate containing munitions to an area that was previously free of UXO, usually related to construction activities employing material dredged from a contaminated offshore borrow site;
- Poor precision during targeting (due to high altitude night bombing and/or poor visibility) resulted in bombs landing off target, but within the surrounding area.
- *British* decoy sites were also constructed to deliberately cause incorrect targeting. For obvious reasons, such sites were often built in remote and uninhabited areas.

## Site History

From an analysis of the CS and OS historical mapping associated with the Site, the following Site history can be deduced:

Year	On-site
1886 CS Map	The Study Site was located within a rural area and did not consist of any structures.
1916 CS Map	Changes were not recorded at the Study Site.
1938 CS Map	Multiple small structures were developed in the central and northern sectors of the Site.
1948-1955 OS Map	A larger unnamed structure was constructed in the central sector of the Site along the eastern boundary.
1970-1971 OS Map	" <i>Novers Lane Infants School</i> " was constructed in the central sector of the Site, along the eastern boundary. Multiple smaller structures were also developed in the northern sector.
1992 OS Map	Changes were not recorded at the Study Site.
1999 OS Map	Additional structures were developed in the central sector, associated with " <i>Hilltop Farm</i> ".
2006 OS Map	Changes were not recorded at the Study Site.
2019 OS Map	The school that had previously been located on-site was demolished and residential structures were developed in replacement. Additional small structures were also developed in the northern sector.

## WWII Bombing of *Bristol*

Located in the west of *England*, the City of *Bristol* sustained 77 separate bombing raids in which a total of 919 tonnes of bombs were dropped between the 2<sup>nd</sup> November 1940 and the 15<sup>th</sup> May 1941. The first *German* bombs landed *Bristol* specifically in the old city. On this attack 5,000 incendiary and 10,000 high explosive bombs were dropped. In the following months the *Luftwaffe* bombs killed 1,299 of the city's inhabitants, with an additional 1,303 seriously injured.

The most intense period of bombing, between 24<sup>th</sup> November 1940 and 11<sup>th</sup> April 1941, has become known as the '*Bristol Blitz*'. At the end of the relentless bomb strikes in *Bristol*, many areas of the city had been completely devastated; commercial, residential and industrial. Additionally, major cultural landmarks, such as *St. James' Presbyterian Church of England*, four of *Bristol's* ancient churches and *Brunel's Temple Meads Station*, were also subjected to varying degrees of bomb damage throughout WWII. 21<sup>st</sup> Century estimates now suggest that a total of 81,830 houses were destroyed in *Bristol* during WWII, with a further 3,000 later demolished as a result of the bombing.



## WWII Luftwaffe Bombing Targets (Figure 4A and 4B)

Prior to WWII, the *Luftwaffe* conducted numerous aerial photographic reconnaissance missions over *Britain*, recording key military, industrial and commercial facilities for attack, in the event of war. In addition, logistics infrastructure and public services, such as railways, canals, power stations, reservoirs, water and gas works were also considered viable bombing targets.

*Luftwaffe* aerial reconnaissance photography associated with the Site identified a radio direction finding station (located 795m to the east) and an *Airfield* (located 820m to the east-south-east) as primary bombing targets.

## Extent of *Whitchurch Airfield* (Figure 5)

There is no evidence to suggest that the Site has been used previously for military activity. Nonetheless, *Whitchurch Airfield* (located 725m to the east) was operational during WWII. The airfield was primarily used as a base by the BOAC who were responsible for maintaining commercial flights throughout the British Empire and neutral countries during WWII, delivering international mail and transporting RAF supplies. In addition, the airfield was also used during the initial and latter stages of WWII by military aircraft – both for training purposes and as an operational base. Supplementary research also indicates that *Whitchurch Airfield* was subjected to IB strikes during a raid on the 24th November 1940.

Nevertheless, it is highly unlikely that a UXO contamination threat is posed at the Site as a result of the operational use or bombing of the airfield during WWII.

## WWII HE Bomb Strikes (Figure 6)

During WWII, ARP wardens compiled detailed logs of bomb strikes across their respective districts. However, ARP records associated with the Site did not note any HE bomb strikes within it. Nonetheless, five were recorded within 305 of the Site; 60m to the west, 225m to the west, 240m to the east, 280m to the north-west and 305m to the north-west. In addition, nine UXBs were also recorded within 915m of the Site, the closest of these being located 415m to the north-west. Furthermore, whilst IBs may have fallen within the Study Site, they fell in such large numbers that accurate record keeping was either non-existent or perfunctory. Despite this, supplementary research suggests that IBs impacted upon *Whitchurch Airfield* (725m to the east) during WWII.

In addition to IBs and HE bomb strikes, during the latter part of the war when aerial bombing had significantly declined, the main threat came from V type weapons. V1 and V2 rockets were thin-skinned, unmanned and inaccurate weapons. Despite this, there is no evidence to suggest that the Site (or its immediate vicinity) was subjected to rockets strikes during WWII.

The potential penetration depth of an UXB was dependent on a number of factors including but not restricted to those prior to striking the ground e.g. velocity and orientation of the UXB which in turn will be influenced on factors such as the release altitude from the aircraft and encounters with infrastructure during its fall; those encountered at the point of impact i.e. was the impact on concrete, grass, water etc and finally, the below ground level conditions which were encountered such as infrastructure e.g. services, basements, foundations, and geology e.g. made ground, clay, sand, etc. Further, as the UXB penetrated the ground, it's velocity naturally slowed where, it either came to an abrupt stop e.g. against foundations or would continue for 10's of feet along a route of least resistance which often resulted in a curving of the trajectory back towards the surface. This is known as the "J Curve" effect and often resulted in a considerable horizontal off-set from the point of entry. This is often the reason why UXBs have been discovered against or under the foundations of buildings, which were present during WWII, or many meters from the point of impact.

## WWII Bomb Damage

Official bomb damage mapping associated with the Site did not record any damage within 1,000m of it. However, given that the Site was predominately undeveloped during WWII, bomb damage mapping would not ordinarily display any evidence of bomb damage on-site. Nonetheless, an analysis of post-war mapping and further research of historical records did not identify any potential bomb damage on-site or in close proximity to it.

### Abandoned Bombs

An examination of the official abandoned bomb records did not identify any abandoned bombs located within 1,000m of the Site.

### Records of WWII UXB Disposal Tasks

An examination of the civil defence records listing UXBs dealt with in the *Bristol County Borough* from 1940-45 did not record any tasks within 1,000m of the Site.

### Records of Post-WWII UXB Disposal Tasks

An examination of the post-WWII BDO tasks associated with the area has not identified any BDO operations within 1,000m.

### WWII Site Use

The CS mapping prior to WWII (1938), shows that the Study Site was located within a rural area. The Site itself consisted largely of undeveloped ground, though several small unnamed structures were located within the central sector. As a result, it is highly likely that any UXB entry holes within the majority of the Site would have gone unnoticed.

### Sources of UXO Contamination

The most likely source of UXO contamination is from *German* aerially delivered ordnance, which ranges from small IBs through to large HE bombs (the latter forms the principal threat). Additional residual contamination may be present from *British* AAA projectiles (which were used to defend the UK against *German* bombing raids).



## STAGE THREE – DATA ANALYSIS

Variable	Result	Comment
Was the area considered to be a primary bombing target?	✓	A radio direct finding station (795m to the east) and an <i>Airfield</i> (820m to the east) were identified as primary bombing targets.
Was the Site or the immediate area bombed during WWII?	✓	Five HE bomb strikes were identified within 305m, the closest being 60m to the west.
Did the Site or the immediate area experience bomb damage?	✗	Official bomb damage mapping did not identify any areas of bomb damage within 1,000m.
Was the ground undeveloped during WWII?	✓	The Site was located within a predominantly rural area and consisted largely of undeveloped ground.
Would the footfall have been high in the area?	✗	Given that the Site was mostly undeveloped, and located within a rural area, it is likely that footfall would have been relatively low.
Would a UXB entry hole have been observed during WWII?	✗	Given that the Site was largely absent of significant structures, it is likely that any UXB entry holes may have gone unnoticed.
Have military personnel ever occupied the Site?	✗	There is no evidence to suggest that military personnel have previously occupied the Site.
Would munitions have been manufactured, stored and/or fired from the Site?	✗	There is no evidence to suggest munitions were located or fired from this Site.
Would previous intrusive works have removed the potential for UXO to be present?	✗	The Site has been subjected to redevelopment in some areas; therefore, it is likely that any UXO within the structural foundations of post-war buildings would have been discovered and removed. However, any UXO present in the majority of the Site would likely have gone undiscovered.
Are proposed intrusive works likely to extend into previously undisturbed ground?	✓	Large areas of the Site have remained undeveloped since WWII and therefore the majority of proposed works will extend into previously undisturbed ground.
Is there potential for an unplanned encounter with UXO to occur during proposed intrusive works?	✓	Given that bomb strikes were recorded in close proximity, combined with the limited post-war redevelopment of the Site, it is considered possible for an unplanned encounter with UXO to occur.
Does the probability of UXO vary across the Site?	✓	The probability of discovering UXO within the structural foundations of post-war buildings is considered to be remote, however, the probability of UXO discovery within all previously undisturbed areas of the Site is extant.

## STAGE FOUR – RISK ASSESSMENT

### Threat Items

The most probable UXO threat items are *German* HE bombs, whilst IBs and *British* AAA projectiles pose a residual threat. The consequences of initiating *German* HE bombs are more severe than initiating IBs or AAA projectiles, and thus they pose the greatest prospective risk to intrusive works.

### Bomb Penetration Depth

Considering the ground conditions (highlighted in Stage 1), the average BPD for a 250kg *German* HE bomb is assessed to be approximately 7m bgl, with the maximum BPD considered to be approximately 16m bgl. Although it is possible that the *Luftwaffe* deployed larger bombs in the area, their deployment was infrequent, and to use such larger (or the largest) bombs for BPD calculations are not justifiable on either technical or risk management grounds.

WWII *German* bombs have a greater penetration depth when compared to IBs and AAA projectiles, which are unlikely to be encountered at depths greater than 1m bgl. However, due to the “J Curve” and the potential for structures to impede the penetration into the ground, HE bombs have been discovered at much shallower depths than the average.

### Risk Pathway

Given the types of UXO that might be present on-site, all types of aggressive intrusive engineering activities (i.e. investigative groundworks, excavations and trenching) may generate a significant risk pathway. Whilst not all UXO encountered aggressively will initiate upon contact, such a discovery could lead to serious impact on the project especially in terms of critical injury to personnel, damage to equipment and project delay.

### Prospective Consequences

Consequences of UXO initiation include:

1. Fatally injure personnel;
2. Severe damage to plant and equipment;
3. Deliver blast and fragmentation damage to nearby buildings;
4. Rupture and damage underground utilities/services.

Consequences of UXO discovery include:

1. Delay to the project and blight;
2. Disruption to local community/infrastructure;
3. The expenditure of additional risk mitigation resources and EOD clearance;
4. Incurring additional time and cost.

## UXO RISK CALCULATION

### Site Activities

Although there is some variation in the probability of encountering and initiating items of UXO when conducting different types of intrusive activities, a number of investigative and construction methodologies have been described for analysis at this Site. The consequences of initiating UXO vary greatly, depending upon, *inter alia* the mass of HE in the UXO and how aggressively it might be encountered. For this reason, *6 Alpha* has conducted separate risk rating calculations for each investigative and construction methodology that might be employed.

### Risk Rating Calculation

*6 Alpha's* Semi-Quantitative Risk Assessment assesses and rates the risks posed by the most probable threat items when conducting a number of different activities on the Site. Risk Rating is determined by calculating the probability of encountering UXO and the consequences of initiating it.



### UXO Risk Calculation Table – All Areas

Activity	Threat Item	Probability (SH+EM=P)	Consequence (D+PSR=C)	Risk Rating (PXC=RR)
<b>Trial Pits</b> (between 1m - >5m bgl)	HE Bombs	2+2=4	3+3=6	4x6=24
	AAA Projectiles	0+2=2	3+1=4	2x4=8
	IBs	1+2=3	3+1=4	3x4=12
<b>Window Sampling</b> (up to 1m bgl)	HE Bombs	2+3=5	3+2=5	5x5=25
	AAA Projectiles	0+3=3	3+1=4	3x4=12
	IBs	1+3=4	3+1=4	4x4=16
<b>Boreholes</b> (up to 12m bgl)	HE Bombs	2+3=5	3+2=5	5x5=25
	AAA Projectiles	0+3=3	3+1=4	3x4=12
	IBs	1+3=4	3+1=4	4x4=16
<b>Excavations</b> (up to 2m bgl)	HE Bombs	2+2=4	3+3=6	4x6=24
	AAA Projectiles	0+2=2	3+1=4	2x4=8
	IBs	1+2=3	3+1=4	3x4=12
<b>Trenching</b> (up to 2m bgl)	HE Bombs	2+2=4	3+3=6	4x6=24
	AAA Projectiles	0+2=2	3+1=4	2x4=8
	IBs	1+2=3	3+1=4	3x4=12

Abbreviations – Site History (SH), Engineering Methodology (EM), Probability (P), Depth (D), Consequence (C), Proximity to Sensitive Receptors (PSR) and Risk Rating (RR).

## STAGE FIVE – RECOMMENDED RISK MITIGATION MEASURES

### Do the ground conditions support a geophysical UXO survey?

**Non-Intrusive Methods of Mitigation** – Magnetometer results may be affected by ferro-magnetic contamination due to previous construction activities and made ground within the Site.

**Intrusive Methods of Mitigation** – Intrusive magnetometry may be effective on this Site, prior to boreholing especially. However, any ferrous metal/red brick contamination in made ground/old foundations may affect the detection capability of the UXB survey equipment, as it passes through the contaminated layer especially. Nonetheless, beyond the contaminated strata such a survey should prove effective.

### Mitigation Measures to Reduce Risk to 'ALARP'

Activity	Risk Mitigation Measures	Final Risk Rating
All Activities in All Areas	<p><b>1. Operational UXO Emergency Response Plan;</b> appropriate Site Management documentation should be held on-site to guide and plan for the actions which should be undertaken in the event of a suspected or real UXO discovery (this plan can be supplied by 6 Alpha);</p> <p><b>2. UXO Safety &amp; Awareness Briefings;</b> the briefings are essential when there is a possibility of explosive ordnance encounter and are a vital part of the general safety requirement. All personnel working on the Site should receive a briefing on the identification of a UXB, what actions they should take to keep people and equipment away from such a hazard and to alert Site management. Information concerning the nature of the UXB threat should be held in the Site office and displayed for general information on notice boards, both for reference and as a reminder for ground workers. The safety awareness briefing is an essential part of the <i>Health &amp; Safety Plan</i> for the Site and helps to evidence conformity with the principles laid down in the <i>CDM regulations 2015</i> (this brief can be delivered directly, or in some cases remotely, by 6 Alpha).</p>	ALARP
Trial Pits, Excavations and Trenching into Previously Undisturbed Ground	<p><b>3. Non-intrusive UXO Survey and/or EOD Banksman Support;</b> Where 'open' intrusive works into previously undisturbed ground are proposed and where the extent is considered to be within the capabilities of non-intrusive UXO survey equipment and implementation of this is assessed as likely to prove effective, a non-intrusive geophysical UXO survey should be trialed and, if it proves successful, should be employed to survey site-wide, or in specific areas where 'open' intrusive works are to be implemented to identify for signs of sub-surface anomalies which may model as the target UXO in advance of said works. If the survey proves partially or wholly ineffective, an EOD Engineer should be present in the UXO Banksman role to monitor ongoing 'open' intrusive works to identify any suspicious items that may be UXB or UXO related (this service can be provided by 6 Alpha).</p>	
Window Sampling and Boreholing into Previously Undisturbed Ground	<p><b>4. Intrusive UXO Survey;</b> Where 'blind' intrusive works into previously undisturbed ground are proposed, an intrusive UXO survey (employing down-hole magnetometer or MagCone techniques) is strongly recommended. Such a survey should extend to the <i>assessed average bomb penetration depth</i> or to the maximum depth of the works, whichever is encountered first, or until geology is encountered through which it is assessed a UXB would not penetrate, to identify for signs of sub-surface anomalies which may model as the target UXO in advance of said works. (this service can be provided by 6 Alpha).</p>	

This assessment has been conducted based on the information provided by the Client, should the proposed works change then 6 Alpha should be re-engaged to refine this risk assessment



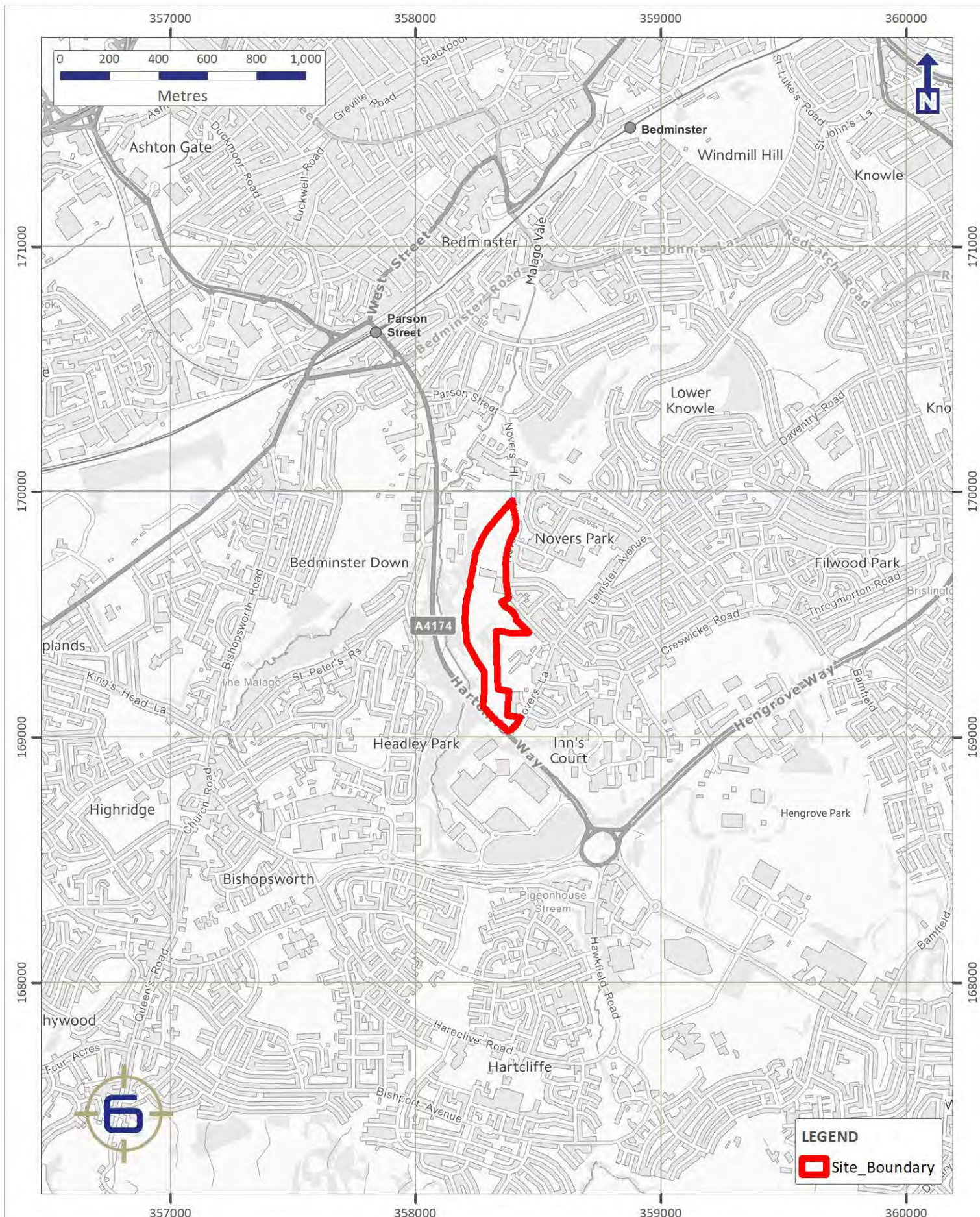
## Report Figures

---

## Figure One - Site Location

---



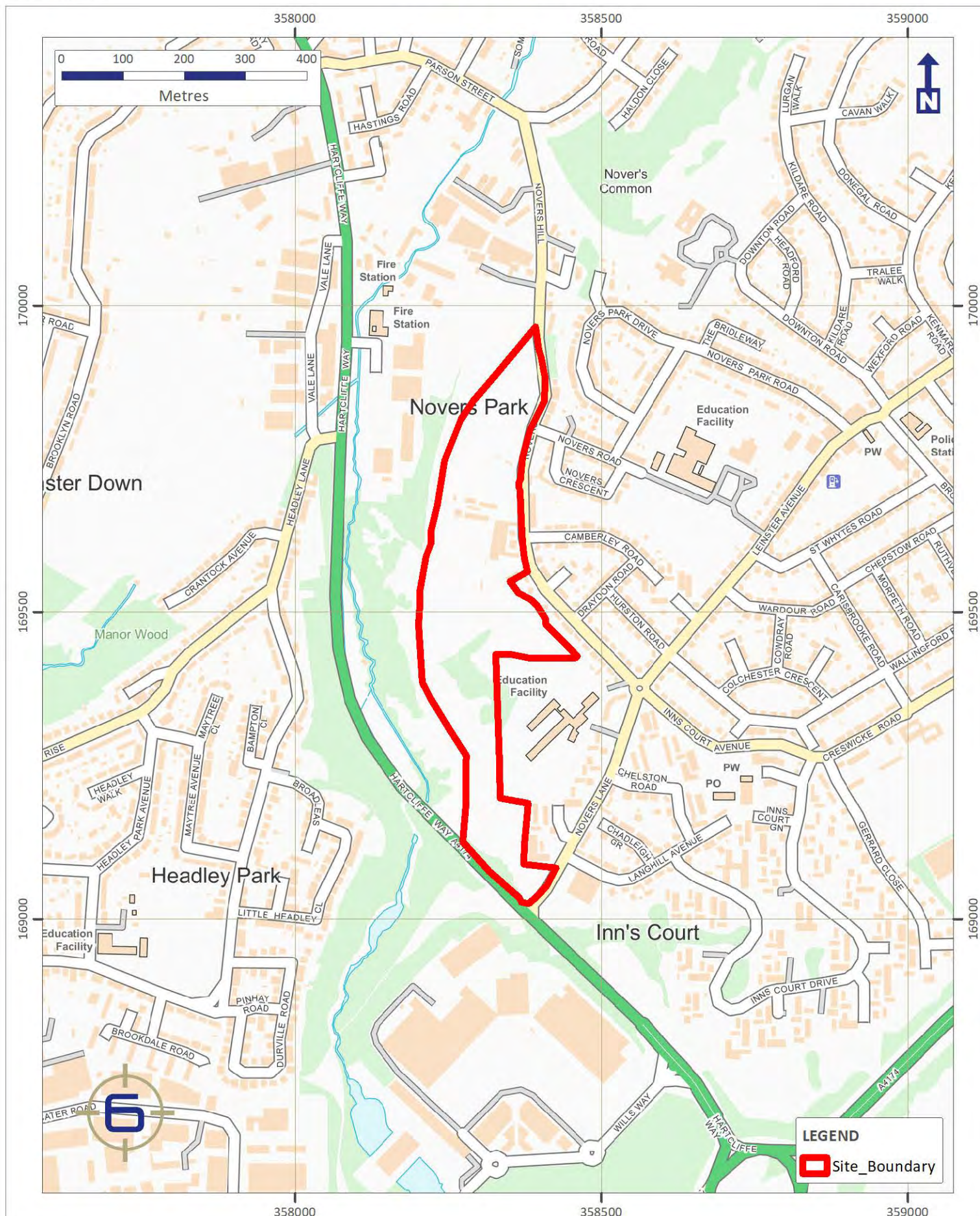




## Figure Two - Site Boundary

---





## Figure Three - Aerial Photography (2018)

---





PROJECT NO. P7530	FIGURE 3	DRAWN CC	CHECKED SB	DATE 06 August 2019	Map data: Google	Produced by and Copyright to 6 Alpha Associates Ltd. Users noting any errors please notify 6 Alpha.	 <p>6 alpha ASSOCIATES</p>
----------------------	-------------	-------------	---------------	------------------------	------------------	---	---



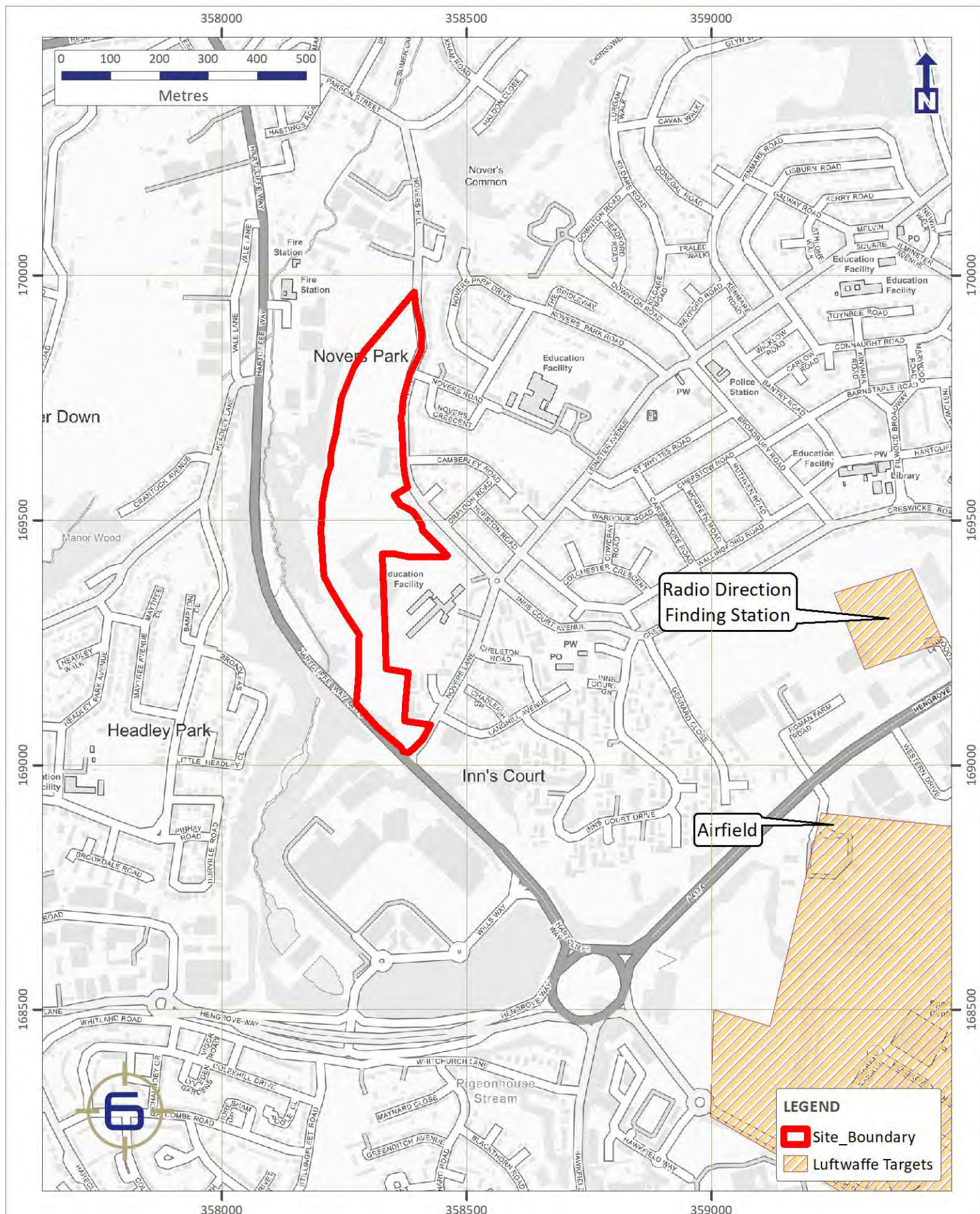
## Figure Four A - WWII Luftwaffe Bombing Targets

---



# NOVERS HILL, BRISTOL, BS3 5QU

## WWII Luftwaffe Bombing Targets




## Figure Four B – WWII Luftwaffe Aerial Photography

---





PROJECT NO. <b>P7530</b>	FIGURE <b>4B</b>	DRAWN <b>CC</b>	CHECKED <b>SB</b>	DATE <b>06 August 2019</b>	Map data: NARA	Produced by and Copyright to 6 Alpha Associates Ltd. Users noting any errors please notify 6 Alpha.	 <b>6</b> <b>alpha</b> ASSOCIATES
-----------------------------	---------------------	--------------------	----------------------	-------------------------------	----------------	---	---



## Figure Five - Extent of Whitchurch Airfield

---



# NOVERS HILL, BRISTOL, BS3 5QU

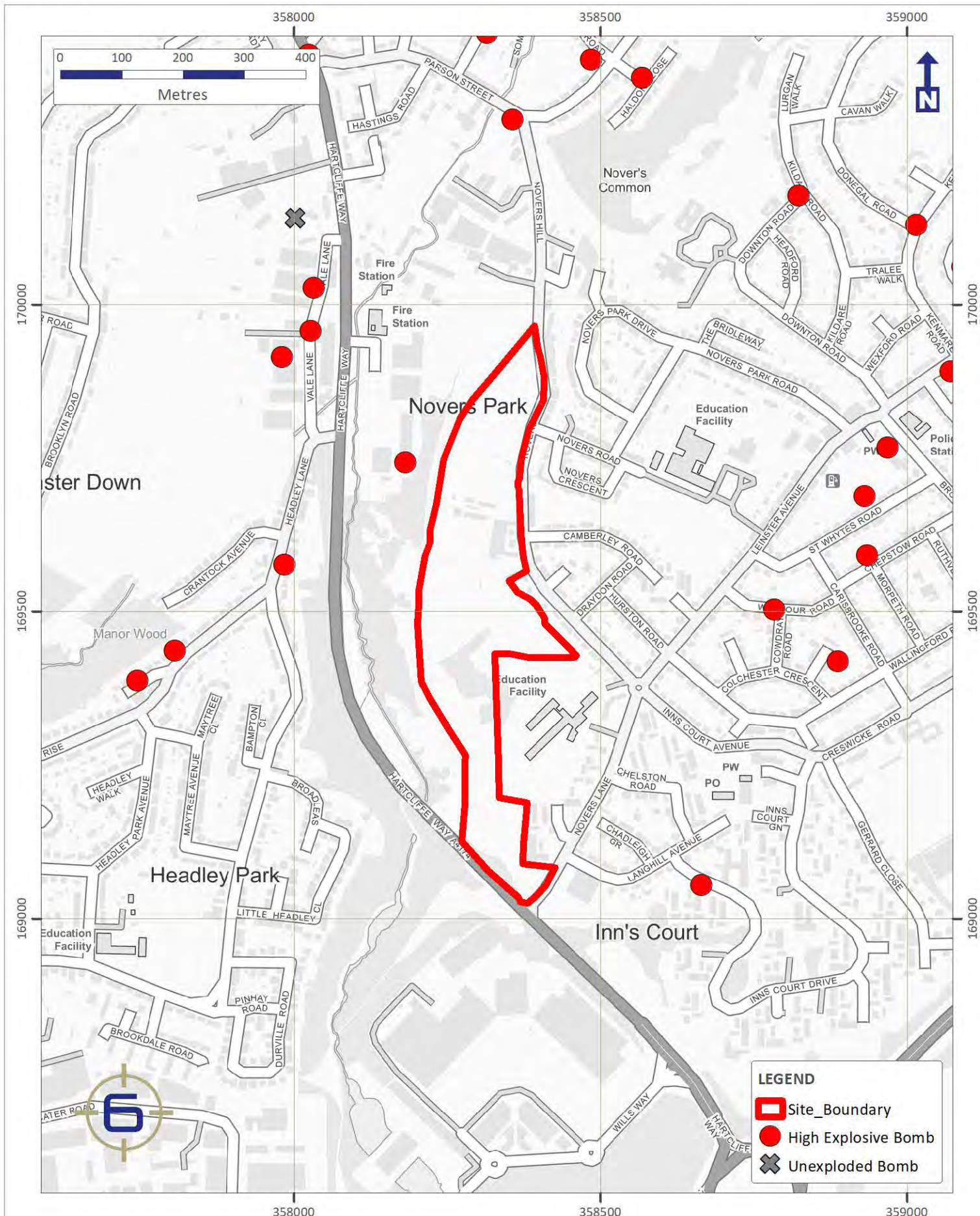
## Extent of Whitchurch Airfield




## Figure Six - WWII Consolidated Bomb Strikes

---



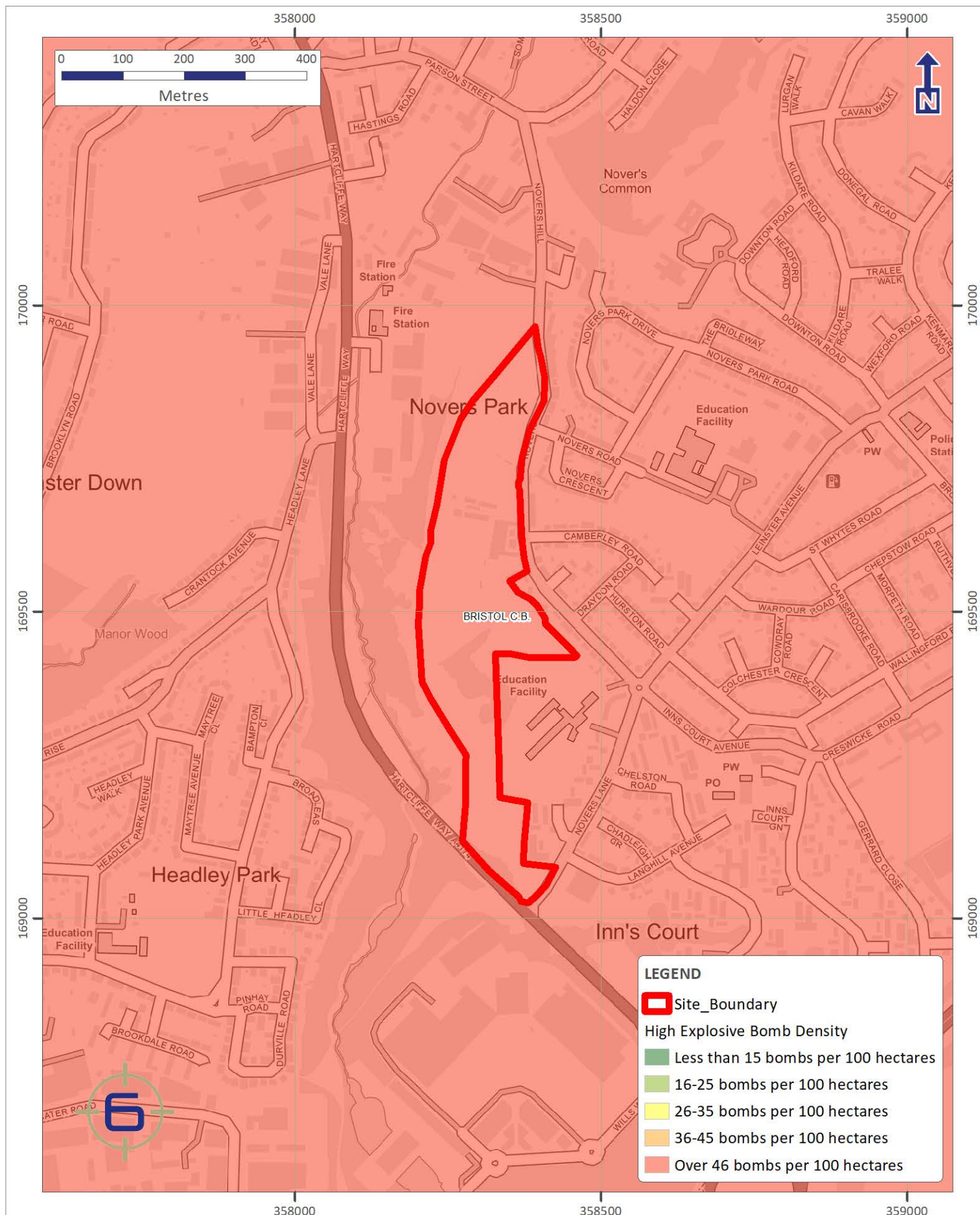


PROJECT NO. <b>P7530</b>	FIGURE <b>6</b>	DRAWN <b>CC</b>	CHECKED <b>SB</b>	DATE <b>06 August 2019</b>	Contains Ordnance Survey data © Crown copyright and database right 2017	Produced by and Copyright to 6 Alpha Associates Ltd. Users noting any errors please notify 6 Alpha.	
-----------------------------	--------------------	--------------------	----------------------	-------------------------------	--	--	---

## Figure Seven - WWII High Explosive Bomb Density

---





PROJECT NO. <b>P7530</b>	FIGURE <b>7</b>	DRAWN <b>CC</b>	CHECKED <b>SB</b>	DATE <b>06 August 2019</b>	Contains Ordnance Survey data © Crown copyright and database right 2017	Produced by and Copyright to 6 Alpha Associates Ltd. Users noting any errors please notify 6 Alpha.	
-----------------------------	--------------------	--------------------	----------------------	-------------------------------	--	--	---

## Appendix D BGS Borehole Logs





## BOREHOLE LOG

1:264

British Geological Survey

British Geological Survey

British Geological Survey

CLIENT THE CITY ENGINEER, BRISTOL

SITE CONTRACT 78, MAIN DRAINAGE WORKS

BOREHOLE No. AR 1

DATE 29.5.73

GROUND LEVEL 44.70 m.

SCALE

1:100

Geology	progress and water level	description	SPT/ RPT	core/ sample	depth	level
Colman Beds Lower Lias White Lias Lower Lias Cuthbert Marble Cuthbert Beds Westbury Beds Tea Green Marl Keuper Marl	30.5.73	TOPSOIL Pale brown silty sandy CLAY with cobble gravel of pale grey mod. strong limestone. Weathered to pale grey brown, strong parallel-bedded LIMESTONE with very thin shaly mudstone, parting at 1.53 m. 12+13 weathered to fragmented, pale brown very weak MUDSTONE with 1st cobble		Drilling	0-30	44.4
					1.32	43.10
					1.85	42.85
					2.78	41.34
					4.33	40.37
					5.00	39.70
					5.23	39.47
					7.25	37.45
					7.80	36.90
					8.50	36.20
	31.5.73	Becoming very thin horizontally bedded occasionally jointed, dark grey silty MUDSTONE below 7.25 m.			11.55	33.15
		Very thin bedded, very close jointed greenish grey very weak sandy calcareous MUDSTONE from 7.8-8.6 m. Dip of bedding 0-20°, angle of joints about 70°			13.78	30.92
					15.00	29.40
					15.60	28.84
					16.20	28.50
					16.77	27.93
					17.00	27.40
					17.93	26.87
					19.76	26.04
					19.86	24.74
	lost water 15.86 m. → pm Dry J. 6.73 am Dry				20.65	24.05
					21.25	23.43
		continued				
undisturbed sample, open-drive or prepared from drill core laboratory test on disturbed sample standard pen. test				water sample rock pen. test, R-penetration for 50 blows		
CEL JOB No.				FIGURE		
1791				1		

1:100

geology	progress and water level	description	SPT/ RPT	core/ sample	depth	level	
Keuper Marl	1.6.73	continued					
	on compl. 23.20	<p>With open vertical joint from 24.52 to 25.0m. (20mm wide) partly veemented with calcite and with very thin open joints partly infilled with calcite below 25.0m. (5mm wide)</p> <p>END OF BOREHOLE</p>		<p>water-flooding diamond core drilling</p>	<p>20-65</p> <p>23-00</p> <p>24-10</p> <p>25-47</p>	<p>24-05</p> <p>21-70</p> <p>20-60</p> <p>19-23</p>	



Sampling		Properties		Strata		580 699		
Depth	Type	Strength kN m <sup>2</sup>	w %	SPT N	Description	Depth	Level	Legend
					MADE GROUND: Topsoil, Quarry waste, lumps of red brown clay. (Drillers Description).	0.1	16.75	
						1.5	15.25	
					MADE GROUND: Refuse, ashes, tins, bottles, plastic bags. (Drillers Description).			
						4.0	12.75	
					MADE GROUND: Lorry Tyres. (Drillers Description).	4.5	12.25	
					MADE GROUND: Refuse, mixed with building rubbish, bricks, ashes.			
						7.5	9.25	
					MADE GROUND: Rubber tyres, and building rubbish. (Drillers Description).	8.0	8.75	
					MADE GROUND: Tyres and red brown marl. (Drillers Description).	8.8	7.95	
					MADE GROUND: Refuse, ashes, tins, bottles and tyres. (Drillers Description).			
					Continued from 10.0m.			

Piling					Ground Water				
From	To	Size	Fluid	Struck	Behaviour	Sealed	Date	Hole	Cased
0.1	13.5	200 mm	-	3.4	Past inflow. Mono pump used for 30 mins. No decrease in level.		10.11.76	7.5	
							11.11.76	7.5	3.1
							12.11.76	8.8	3.1

Very difficult progress from 7.5 - 8.8m. (7.5 hours).  
Borehole sunk by Somerset County Council, for County of Avon and core logged by Exploration Associates (Warwick).

Rehole Record	Project	Contract
	County of Avon Bristol Transfer Station.	S1642
Exploration associates		Borehole 6 Sheet 1 of 3

Sampling		Properties			Strata		580 699				
Depth	Type	Strength kN/m <sup>2</sup>	w %	SPT N	Description	Depth	Level	Legend			
					Continued from 10.0m.						
					MADE GROUND: Refuse, ashes, tins, bottles and tyres. (Drillers Description).						
					Red brown hard to very hard MARL with some green pockets. (Drillers Description).	13.8	2.89				
					Very hard red brown marl some 'tea' green spots, almost mudstone. (Drillers Description).	14.1	2.65				
					Very hard red brown marl with green pockets. (Drillers Description).	15.8	0.90				
					Probably MARL - washed out when casing drilled.	16.8	-0.10				
Drill Run	Fluid Return	Core Recovery	F.I	R.Q.D	Moderately weathered very thickly bedded reddish brown fine grained calcareous moderately weak fine sandy SILTSTONE with sub-vertical joints 30° - 60° attitude.	17.2	-0.45				
17.2		100%	0%	58%							
18.6					Moderately weathered thickly bedded grey green medium grained calcareous moderately strong SANDSTONE.	18.6	-1.85				
		93%	15%	39%	Highly weathered, very thickly bedded reddish brown fine grained calcareous very weak fine sandy SILTSTONE with very thin bands of grey green SANDSTONE.	18.9	-2.15				
					Continued from 20.0m.						
<b>Drilling</b>					<b>Ground Water</b>						
Type	From	To	Size	Fluid	Struck	Behaviour	Sealed	Date	Hole	Cased	Water
Shell and Auger.	G.L	15.0	200mm					15.11.76	15.8	15.0	3.4
Rotary Core	G.L	16.5	150mm					16.11.76	15.8	15.0	3.4
	G.L	23.1	50mm	Water				16.11.76	16.8	16.5	16.0
<b>Remarks</b>											
<b>Borehole Record</b>					<b>Project</b>			<b>Contract</b>			
exploration associates					County of Avon Bristol Transfer Station.			S1642			
								<b>Borehole</b> 6			
								Sheet 2 of 3			



ST 56 NE/10

580 699

Sampling		Properties			Strata						
Drill Run	Fluid Return	Core Recovery	FI	RQD	Description	Depth	Level	Legend			
20.1		93%	8	54%	Continued from 20.0m. Highly weathered becoming moderately weathered very thickly bedded reddish brown fine grained becoming medium grained calcareous weak becoming moderately weak silty SANDSTONE with abundant gypsum crystals and very thin bands of grey green SANDSTONE.	20.1	-3.35				
						20.8	-4.05				
21.6		97%	14	35%	Moderately weathered, very thickly bedded reddish brown medium grained moderately weak to moderately strong SANDSTONE with sub-vertical joints 30° - 60° attitude.						
23.1					End of Borehole.	23.1	-6.35				
Remarks											
Drilling					Ground Water						
Type	From	To	Size	Fluid	Struck	Behaviour	Sealed	Date	Hole	Cased	Water
								17.11.76	16.85	16.5	3.2
								17.11.76	31.6	20.20	G.L.
								18.11.76	21.6	20.20	3.4
Borehole Record					Project				Contract		
exploration associates					County of Avon Bristol Transfer Station.				S1642		
					Borehole				6		
					Sheet				3 of 3		



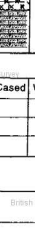

ST 56 NE/10  
580 699

Sampling		Properties		Strata							
Drill Run	Fluid Return	Core Recovery	FI	RQD	Description	Depth	Level	Legend			
G.L.		Rot. 0. H.			<p>MADE GROUND: General tip waste (Drillers description - Rotary Open Hole to 16.2m).</p>	G.L.	18.20				
5.0											
<b>Drilling</b>					<b>Ground Water</b>						
Type	From	To	Size	Fluid	Struck	Behaviour	Sealed	Date	Hole	Cased	Water
Rotary O.H.	G.L.	16.2	105m	Air	4.2			8.3.77	-	-	-
Rotary Core	16.2	22.1	105m	Air				9.3.77	16.2	16.1	3.8
								9.3.77	22.1	16.1	*3.5
<b>Remarks</b> *Following removal of casing.											
<b>Borehole Record</b>					<b>Project</b>			<b>Contract</b>			
exploration associates					Bristol Transfer Station			S1642			
								<b>Borehole</b>			
								Sheet 1 of 3			



ST 56 NE/10

580 699

Sampling		Properties			Strata				
Drill Run	Fluid Return	Core Recovery	FI	RQD	Description	Depth	Level	Legend	
		Rot.O.R.			Cont. from 10s.				
					MADE GROUND: General tip waste (Drillers description - Rotary Open Hole to 16.2s).				
16.2						16.1	2.10		
16.5	-	0%	-	-					
					Moderately weathered thickly bedded red-brown weak to moderately strong calcareous sandy SILVSTONE with horizontal and oblique joints (up to 30°) and occasional vertical joints.				
	-	100%	6	70%	Stratum contains very thin layers and small inclusions of grey-green sandstone.				
19.5					Moderately weathered thickly bedded grey-green medium grained moderately strong calcareous SANDSTONE.	19.5	-1.30		
					Cont. from 10s.				

## Drilling

## Ground Water

Type	From	To	Size	Fluid	Struck	Behaviour	Sealed	Date	Hole	Cased	Water

## Remarks

## Borehole Record

## Project

Contract 51642

## exploration associates

Bristol Transfer Station

Borehole 7  
Sheet 2 of 3

ST 56 NE/10

580 699

Sampling		Properties			Strata																																																						
Drill Run	Fluid Return	Core Recovery	FI	ROD	Description	Depth	Level	Legend																																																			
22.1		95%	7	50%	Cont. from 10.0m Moderately weathered thickly bedded grey-green medium grained moderately strong calcareous SANDSTONE.	20.7	-2.50																																																				
					Moderately weathered thickly bedded red-brown fine grained weak to moderately strong calcareous SANDSTONE with inclusions and thin layers of grey and grey-brown sandstone. Slightly clayey and very weak 20.8 - 21.0m.	22.1	-3.90																																																				
		End of Borehole.																																																									
					<div>Drilling</div> <table border="1"> <thead> <tr> <th>Type</th> <th>From</th> <th>To</th> <th>Size</th> <th>Fluid</th> <th>Struck</th> <th>Behaviour</th> <th>Sealed</th> <th>Date</th> <th>Hole</th> <th>Cased</th> <th>Water</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>							Type	From	To	Size	Fluid	Struck	Behaviour	Sealed	Date	Hole	Cased	Water																																				
Type	From	To	Size	Fluid	Struck	Behaviour	Sealed	Date	Hole	Cased	Water																																																
Remarks																																																											
Borehole Record					Project				Contract																																																		
exploration associates					Bristol Transfer Station				S1642																																																		
									Borehole 7 Sheet 3 of 3																																																		



# RECORD OF BOREHOLE No: 0

Location : BRISTOL RING ROAD  
 Contract No. : F69/606  
 Type of Boring : Shell & Auger  
 Date (started) : 2.3.70

Borehole Dia : 6"  
 Casing : 6" to 9'0"  
 Ground Level : 131.1'00

(Sheet 1 of 3)

Depth of Casing	Water Level	SAMPLES			STRATA		DESCRIPTION OF STRATA
		Depth	Type	No.	Legend	Thickness	
		0'0"				0'0"	TOPSOIL
		1'6"	u	1			
		3'0"	u	2		6'0"	Stiff grey/brown silty CLAY with limestone fragments
		6'6"	u	3		6'6"	
		9'0"	u	4		2'6"	Stiff grey/brown silty shaley CLAY (sandy from 7'0" to 7'6")
		12'0"	u	5		4'0"	Very stiff grey/blue silty shaley CLAY laminated with limestone bands
		15'0" (N=70/1'0")	u	6		13'0"	
15'30"	9'0"	DRY				6'0"	Hard grey/brown clayey weathered LIMESTONE (Broken)
						15'0"	
							Borehole continued to 40'0" by rotary coring. For details see sheets 2 & 3.

REMARKS:

Borehole damp from 7'0" to 7'6"

Borehole Dia : 6" to 19' 0" HE to 41' 0"  
Casing : 6" to 9' 0"  
Ground Level : 131.1 OD

Date (started) : 2/3/70

Ground Level : 131.1 OD

(Sheet 2 of 3)

SHEET 201-1												
Depth of Casing	Water Level	Core Size	Core Rec'y	Solid Core			Frac. Index	R.Q.D.	STRATA			DESCRIPTION OF STRATA
				Total	Max	Min			Legend	Depth	Thickness	
		6'	%					%				TOP 19'0" CARRIED OUT BY SHELL & AUGER. FOR DETAILS SEE SHEET 1.

**Notes:** "Total" Core recovered is shown diagrammatically for each "Run". "Solid" Core means broken or unbroken core with complete cross section intact. "Total" Core includes fragments. "Fracture Index" is the number of breaks per foot in the solid core. "Max" & "Min" Core lengths are given in inches and refer to the solid core. "Rock Quality Designation" (R.Q.D.) is the sum of the lengths of pieces of solid core more than 4 inches long as per cent of total "Run".

SCALE 1" = 5'

Foundation Engineering Ltd.



**RECORD OF BOREHOLE No: 0**

 Location : **BRISTOL RING ROAD**

 Contract No. : **F69/606**

 Type of Boring : **Rotary Core**


 Date (started) : **2/3/70**

 Borehole Dia : **6" to 19'0" HE to 41'0"**

 Casing : **6" to 9'0"**

 Ground Level : **131.1' OD**

(Sheet 3 of 3)

Depth of Casing	Water Level	Core Size	Core Rec'y	Solid Core			Frac Index	R.Q.D.	STRATA			DESCRIPTION OF STRATA
				Total	Max	Min			Legend	Depth	Thickness	
19'00	19'0	7'0	HE	1				%		41'0		Red/brown homogeneous MARL
									Borehole Complete			

**Notes:** "Total" Core recovered is shown diagrammatically for each "Run". "Solid" Core means broken or unbroken core with complete cross section intact. "Total" Core includes fragments. "Fracture Index" is the number of breaks per foot in the solid core. "Max" & "Min" Core lengths are given in inches and refer to the solid core. "Rock Quality Designation" (R.Q.D.) is the sum of the lengths of pieces of solid core more than 4 inches long as per cent of total "Run".

SCALE 1" = 5'

Foundation Engineering Ltd.

## Appendix E CON29M Coal Mining Report





The Coal  
Authority

# CON29M

## coal mining report

NOVERS HILL, BRISTOL, BRISTOL, BS3 5QU



### Known or potential coal mining risks

Past underground coal mining	Page 3
Future underground coal mining	Page 3



### Further action

No further reports from the Coal Authority are required. Further information on any next steps can be found in our Professional opinion.

For more information on our reports please visit  
[www.groundstability.com](http://www.groundstability.com)



### Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. It is unlikely that these features will impact on the stability of the enquiry boundary.

Your reference: **215950599\_1**  
Our reference: **51002162638001**  
Date: **27 August 2019**

Client name:  
**LANDMARK INFORMATION  
GROUP LIMITED**

If you require any further assistance please  
contact our experts on:  
**0345 762 6848**  
[groundstability@coal.gov.uk](mailto:groundstability@coal.gov.uk)



The Law  
Society

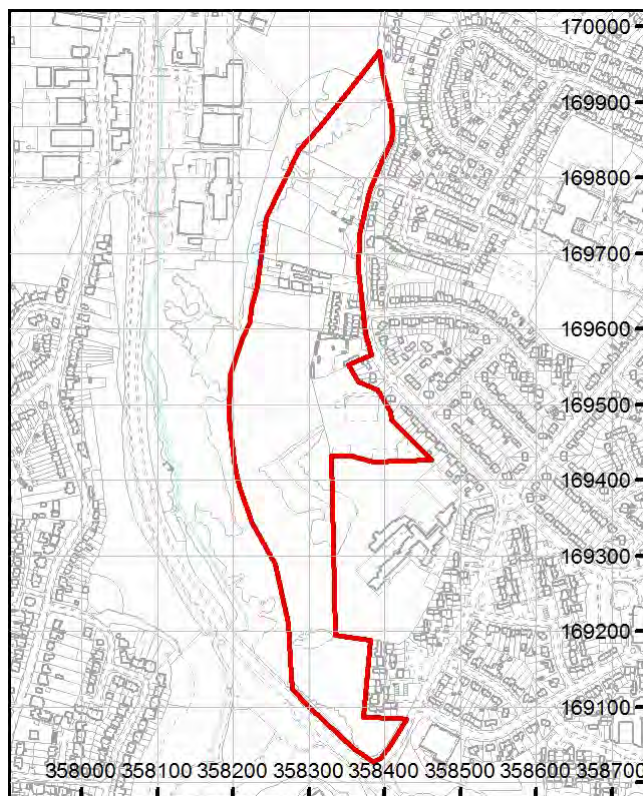
# Enquiry boundary

## Key

Approximate position of enquiry boundary shown



We can confirm that the location is  
**on the coalfield**



Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2018. All rights reserved.  
Ordnance Survey Licence number: 100020315.

This report is prepared in accordance with the latest Law Society's Guidance Notes 2018, the User Guide 2018 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.



## Accessibility

If you would like this information in an alternative format, please contact our communications team on 0345 762 6848 or email [communications@coal.gov.uk](mailto:communications@coal.gov.uk).



# Detailed findings

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL.

The Coal Authority owns the copyright in this report and the information used to produce this report is protected by our database rights. All rights are reserved and unauthorised use is prohibited. If we provide a report for you, this does not mean that copyright and any other rights will pass to you. However, you can use the report for your own purposes.

## 1 Past underground coal mining

The property is in a surface area that could be affected by underground mining in 2 seams of coal at 560m to 900m depth, and last worked in 1911.

Any movement in the ground due to coal mining activity associated with these workings should have stopped by now.

## 2 Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

## 3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

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

## 4 Mine entries

There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.

## 5 Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

## 6 Past opencast coal mining

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

## 7 Present opencast coal mining

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

## 8 Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

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

## 9 Coal mining subsidence

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

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

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



## 10 Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

## 11 Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

## 12 Withdrawal of support

The property is not in an area where a notice to withdraw support has been given.

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

## 13 Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

## 14 Payments to owners of former copyhold land

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

# Statutory cover



## Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.

[www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form](http://www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form)



## Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call **01623 646 333**. Further information can be found on our website: [www.gov.uk/coalauthority](http://www.gov.uk/coalauthority).



# Glossary



## Key terms

**adit** - horizontal or sloped entrance to a mine

**coal mining subsidence** - ground movement caused by the removal of coal by underground mining

**Coal Mining Subsidence Act 1991** - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

**coal mining subsidence damage** - damage to land, buildings or structures caused by the removal of coal by underground mining

**coal seams** - bed of coal of varying thickness

**future opencast coal mining** - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

**future underground coal mining** - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

**mine entries** - collective name for shafts and adits

**payments to owners of former copyhold land** - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

**shaft** - vertical entry into a mine

**site investigation** - investigations of coal mining risks carried out with the Coal Authority's permission

**stop notice** - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

**subsidence claim** - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

**withdrawal of support** - a historic notice informing landowners that the coal beneath their property was going to be worked

**working facilities orders** - a court order which gave permission, restricted or prevented coal mine workings

