

A4 Bristol to East Keynsham Arterial Corridor Study

Prepared for

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Acronyms and Abbreviations

B&NES	Bath and North East Somerset
EA	Environment Agency
GI	Ground investigation
GWML	Great Western Main Line
JSP	Joint Spatial Plan
LA	Local Authority
MM	Mott MacDonald
NPPF	National Planning Policy Framework
OAR	Options Appraisal Report
PSSR	Preliminary Sources Study Report
SDL	Strategic Development Location
WA&P	Ward Ashcroft and Parkman
WECA	West England Combined Authorities
WoE	West of England

Introduction

1.1 Scheme title

The Scheme title is 'A4 Bristol to East Keynsham Corridor Study'. This Preliminary Sources Study Report (PSSR) has been produced by CH2M Hill in general accordance with guidelines in Highways Agency (now Highways England) standard HD22/08, Managing Geotechnical Risk.

1.2 Scheme proposal and current studies

As part of the Joint Spatial Plan (JSP), the West of England (WoE) authorities have developed a strategic vision and framework to inform the delivery of new homes and areas of employment in the sub-region. The Plan recognises that transport infrastructure is critical to the successful delivery of growth over the next 20 years to unlock development sites and address the additional demand for travel.

The JSP proposes a Strategic Development Location (SDL) north of Keynsham for housing growth and identifies an indicative number of up to 1,100 dwellings. A new road with a crossing of the Great Western mainline railway is identified as being needed to access this site. In line with the requirements of the National Planning Policy Framework (NPPF), the JSP seeks to maximise the sustainability of the Strategic Development Locations, including maximising the use of active travel and public transport.

The majority of the North Keynsham Strategic Development Location (SDL) is north of the Great Western Main Line. A new transport link will be required to provide access to the SDL.

The provision of new or improved crossings over the railway will be critical to ensuring adequate connectivity to support new development. The scheme would also help facilitate improved connections around the north of the town, connecting the A4 near the Broadmead roundabout to the A4175 via Avon Mill Lane.

The SDL is located in the Broadmead area, between the A4 and the River Avon, with the majority of the site to the north of the railway near to the Avon Valley Wildlife Park. Access to this area from the rest of Keynsham is currently poor, with similar challenges of severance caused by the railway. Access is provided from the A4175, north of the railway, via Avon Mill Lane, but this would require provision of an east-west access road to connect from Avon Mill Lane to the Broad Mead area. The SDL will also require access to the A4 to connect with Keynsham and the wider transport networks, but these connections are currently highly constrained.

This PSSR should be read with reference to the CH2M A4 Bristol to East Keynsham Arterial Corridor Study – Option Assessment Report (OAR).

1.3 Location and extent of study area

Keynsham is located south west of England, just east of Bristol. The study area is to the north east of Keynsham. The link road scheme will include an improved crossing over or under the Great Western Main Line (GWML) railway, with the route enabling traffic to divert around Keynsham town centre, whilst providing access to the proposed strategic development at North Keynsham.

There are currently two existing crossings of the railway between Broad Mead and the A4. The first is a road bridge under the railway at Broadmead Lane and the second is a narrow road bridge over the railway at Pixash Lane. Both crossings – at Broadmead Lane and Pixash Lane – could provide walking and cycling connections to Keynsham but are not suitable for the traffic that would be generated at the SDL. The Broadmead bridge is narrow and has a low headroom under the railway. Pixash Lane is a narrow bridge over the railway (and is Grade II listed), with narrow and steep approaches from each side. There

is a third crossing at Unity Road that connects to a small Industrial Estate to the north of the railway with similar characteristics to the Broadmead Lane crossing, but this does not directly link to the A4; rather it connects back to Broadmead Lane.

The A4 Bristol to East Keynsham Arterial Corridor is one of a 'package' of WECA transport schemes. It comprises the following components: Avon Mill Lane to A4 Link Road: A new road alignment through the 'Broadmead Peninsula' to the north of the Great Western Main- Line (GWML) connecting Keynsham Road (A4175) at its western end with the A4 Bath Road at its eastern end; and Keynsham Railway Station Improvements. This report discusses the former component.

1.4 Site description

There are six section options currently being considered for the scheme. All routes are shown on figures in Appendix I of the OAR.

Options A, B and C all connect Keynsham Road with Broadmead lane via the following routes (see Variant A, B & C General Arrangement Figure):

- Option A follows the route of Avon Mill Lane from Keynsham Road, to the roundabout north of the railway line and then along the private road to the recycling works. The proposed route continues north east (north of the sewage works and joins a proposed new roundabout on Broadmead Lane.
- Option B connects to Keynsham Road just north of Riverside Lodge. It crosses the River Avon and continues south east to join Broadmead Lane, just north of the Sewage Works.
- Options C connects with Keynsham Road in South Gloucestershire, with a proposed new roundabout. It continues southwards, crossing the River Avon and joins Broadmead Lane, just north of the Sewage Works.

Options 1, 2 and 3 continue from one of the above options (A, B or C) and continue southwards along Broadmead lane. These routes are shown on figures in Appendix B of the OAR:

- Option 1 (see Option 1 General Arrangement Figure) would then pass beneath the railway line using a replacement structure at the location of the existing underbridge at Broadmead Lane. This would then use the existing route of Broadmead Lane to join the A4 at Broadmead Roundabout.
- Option 2 (see Option 2 General Arrangement Figure) would continue east, with the widening of an existing lane towards Pixash Lane. A new roundabout would be created, with a new bridge over the railway immediately to the east of the existing Grade II bridge, then tying back into the existing alignment of Pixash Lane to the south. This would require the introduction of traffic signals at the junction of Pixash Lane and the A4.
- Option 3 (see Option 3 General Arrangement Figure 1 and 2) would continue further to the east, on a new road alignment, with a new bridge crossing over the railway east of Pixash Lane, and then joining the A4 between Keynsham and Saltford. It has been assumed that the new route would join the A4 with a new roundabout between Pixash Lane and Glenavon Farm.

1.5 Previous investigations

1.5.1 Mott MacDonald Ltd

Mott MacDonald Ltd was commissioned by Bath and North East Somerset Council (B&NES) to undertake a series of studies and produced two reports:

1. Mott Macdonald: Broadmead Lane, Keynsham – Phase 1 and Phase 2 Contamination Risk Assessment and Remediation Options, February 2009 (Ref 1)

2. Matt Macdonald: Geotechnical Report, Former Landfill Site, Broadmead Lane, Keynsham, February 2009 (Ref 2)

The purpose of the investigations was for B&NES to be able to offer the land to potential developers in the waste industry.

The northern portion of the site was historically used as a landfill, predominantly for domestic waste in the 1960s and 1970s. The triangular, southern section has been used for light industrial purposes since the 1950s. This section is immediately adjacent (west) to Keynsham sewage works.

The Ground Investigation (GI) included the following:

- 12 boreholes to a maximum of 14.5 mbgl were installed with groundwater and gas monitoring wells.
- 18 trial pits to maximum depths of between 2.5 and 4.8 mbgl.

Groundwater and gas monitoring was carried out at weekly intervals, for four week following completion of site works. The stand pipes were generally installed in the Made Ground, although a few extended slightly deeper than the base of the Made Ground.

This square shaped, northern portion of the site was historically used as a landfill, predominantly for domestic waste in the 1960s and 1970s. The triangular, southern section has been used for light industrial purposes since the 1950s. This section is immediately adjacent (west) to the sewage works.

1.5.2 Ward, Ashcroft and Parkman Consulting Engineers, March 1986.

The MM report also details information from a GI undertaken by Ward Ashcroft & Parkman (WA&P) consulting engineers in January 1986 (Ref 3). The report “Land at Broadmead, Keynsham – Report on Ground Investigation for Wansdyke District Council Volume 1 – Factual Report”, was appended to the MM Geotechnical Report. The purpose of the investigation was to obtain information on:

- “Cross sectional profiles
- Physical and chemical properties of the fill and underlying subsoil”

The GI included 12 trial pits and soil samples were taken and laboratory testing was conducted.

The study area of these three reports is relevant to Routes A and B as these options cross the boundary of the investigations. The findings of the reports are discussed in the subsequent sections of this PSSR.

1.5.3 British Geological Survey Records

The BGS Geology of Britain viewer includes historical exploratory hole records relating to various schemes near to the site. Exploratory hole records considered relevant to this scheme are those within approximately 50m of the proposed road alignment. The exploratory hole details are listed in Table 1.1 below and the logs are included in Appendix B.

Table 1.1 Historical exploratory hole records (taken from BGS Geology of Britain viewer)

BGS exploratory hole reference	Hole type	Hole depth (m)	Date	Scheme	Location
ST66NE22	Borehole	10.89	06/08/1968	Keynsham Bridge	West of A4175, between Junction of Avon Mill Lane (Route A) and River Avon
ST66NE160	Shell and auger	1.12-	26/08-	Keynsham	Sewage Works
ST66NE161		4.57	10/09/1960	Sewage Works	
ST66NE162					

Table 1.1 Historical exploratory hole records (taken from BGS Geology of Britain viewer)

BGS exploratory hole reference	Hole type	Hole depth (m)	Date	Scheme	Location
ST66NE163					
ST66NE164					
ST66NE165					
ST66NE166					
ST66NE167					
ST66NE47	Shell and auger to 3.1 m and then Rotary (air flush)	15	21/01-22/03/1972	Saltford Bypass	North of Broadmead Roundabout (on Bath Road)
ST66NE52	Shell and auger	6	28-29/01/1972	Saltford Bypass Prelim B103	Near junction of Pixash Lane and Worlds End Lane
ST66NE56	Shell and auger	9	04-05/02/1972	Saltford Bypass Prelim B112	South of railway, on Route 3
ST66NE55	Shell and auger to 9 m and then Rotary (air flush)	15	01/02-10/04/1972	Saltford Bypass Prelim B111	South of railway, approximately 50 m from Route 3
ST66NE29	Rotary Diamond and Shell and auger	9.14	07-15/05/1970	Saltford Bypass Prelim B2	South of Route 3 roundabout on Bath Road.

Sources of Information

The following sources of information have been consulted in the preparation of this report:

- British Geological Survey (BGS) 1:50 000, 265 Bath. Solid and drift. 2004.
- BGS online resources (BGS, 2017).
- Multi-Agency Geographic Information for the Countryside (MAGIC) website (DEFRA, 2017).
- The Coal Authority Interactive Map Viewer (The Coal Authority, 2017);
- Environment Agency What's in Your Backyard website (Environment Agency, 2017)
- Scheme specific Envirocheck report (Landmark Information Group, 2017), included in Appendix A.
- Geotechnical Report – Former Landfill Site, Broadmead Lane Keynsham (Mott MacDonald Limited, 2009).
- Broadmead Lane Keynsham – Phase 1 and Phase 2 Contamination Risk Assessment and Remediation Options.
- County of Avon Act 1982 - section 33, Protection of the Hot Springs in Bath.

Site Description

3.1 Geology

3.1.1 Superficial geology

The BGS geological map (sheet 264) and the geological map within the Envirocheck report (Appendix A) show an area of Made Ground underlying Route A and part of Route B (Broadmead Road end). This is described as “refuse or slag heap” on the 1968 historical map (1:10,560 scale) within the Envirocheck report (Appendix A). This is likely associated with the Broadmead Landfill and the Keynsham Paper Mill landfill. The historical maps also show that there has been significant development south of the weir and Made Ground is expected to be present in this area. There is a small area of Infilled Ground underlying Route C which is expected to be associated with an old gravel pit as shown on the 1887 historical map in the Envirocheck report (Appendix A). Another area of potentially infilled land is shown beneath the roundabout and road to Avon Valley Farm, associated with Route 3, also expected to be a gravel pit, as shown on the 1961 historical map.

The Alluvium – Clay, Silt Sand and Gravel, within the study area is limited to the route of the major surface water bodies of the River Chew and the River Avon. The BGS Lexicon of Named Rock Units describes the Alluvium as “normally soft to firm consolidated, compressible silt clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.”

“There are two River Terrace Deposit (RTD) – Sand and Gravel formations either side of the River Avon, RTD 2 to the north (affecting Route C only) and RTD 1 to the south (underlying Broadmead Lane and therefore affecting all Routes). These are described by the BGS Lexicon of Named Rock Units as “sand and gravel, locally with lenses of silt, clay or peat.” There is another pocket of RTD 2 along Pixash Lane to Avon Valley Farm, however this does not extend south of the railway track.

There is a small superficial deposit of Head comprising clay and silt. This underlies Route 1 only.

3.1.2 Solid geology

A review of the BGS 1:50 000 scale geological map sheet 265, the BGS 1:50 000 scale mapping included in the Envirocheck report (Appendix A) and the BGS Geology of Britain viewer indicates that the solid geology underlying the study area comprises three types of bedrock. The junction of route A to the A4175 is underlain by the Saltford Shale Member – Mudstone which is part of the Blue Lias Formation. This is described by the BGS Lexicon of Named Rock Units as “mostly grey, fissile or block, fossiliferous calcareous mudstones; a few limestones”. This bedrock is present along route A extending to the sewage works (where a new road will need to be constructed).

Further east the underlying geology comprises strata of the Blue Lias Formation – Limestone and Mudstone, Interbedded. This is described by the BGS Lexicon of Named Rock Units as “thinly interbedded limestone (laminated, nodular, or massive and persistent) and calcareous mudstone or siltstone (locally laminated). Individual limestones are typically 0.10-0.30m thick. In some areas, intervening mudstone units with relatively few limestone beds.”

Further east again, underlying Routes 1, 2 and 3, is the Charmouth Mudstone Formation – Mudstone. This is described by the BGS Lexicon of Named Rock Units as “dark grey laminated shales and dark, pale and bluish grey mudstones; locally concretionary and tabular limestone beds; abundant argillaceous limestone, phosphatic or ironstone (sideritic mudstone) nodules in some areas; organic-rich paper shales at some levels; finely sandy beds in lower part in some areas.”

3.1.3 Geology Structure

There is no indication of any faults on the geological maps or the borehole logs.

3.2 Mining and quarrying

The Coal Authority Interactive Map Viewer does not record the area of interest as being within an area of past or potential future coal mining.

3.3 Hydrology

The nearest major surface water feature is the River Avon, which proposed Routes B and C cross. Route A crosses the River Chew which drains into the River Avon. The 2017 OS map, included within the Envirocheck report (Appendix A), shows a drain running parallel to the east of Broadmead Lane (flowing from south to north, towards the River Avon) and crosses the railway line. A further drain is shown flowing east to west along the southern side of the railway track and then south to north along the east side of Pixash Lane to the River Avon.

The Flood Risk maps, included within the Envirocheck report (Appendix A), show that the channel and floodplains of the River Avon are at high risk of flooding. The EA's Flood probability map shows that the roundabout on Broadmead Lane is with Flood Zone 3.

3.4 Hydrogeology

The area covered by the County of Avon Act 1982 - section 33 Protection of the Hot Springs in Bath, does coincide with the study area.

The Envirocheck report (Appendix A), does not record any Source Protection Zones within the study area's boundary, however there is a Source Protection Zone in Somerdale, approximately 585 metres from the junction of the A4175 and the start of route A. The Surrounding Outer Zone 2 is approximately 345 metres from the same position. There is an abstraction well (borehole) recorded within the Envirocheck report (Appendix A). The following water abstractions were listed within the Envirocheck report (Appendix A) and are relevant to Route A:

- Licence Number: 17/53/001/S/453, Source: Surface, Abstraction: Hotels, Public Houses and Conference centres: Make-Up or Top Up Water and Lake & Pond Throughflow; and
- Licence Number: 175301S453, Source: River, Abstraction: Amenity.

Table 3.1 and 3.2 details the aquifer designation data for the bedrock and superfcials respectively. This information is contained within the Envirocheck report (Appendix A).

Table 3.1 Bedrock Aquifer Designations

Bedrock	Aquifer Designation	EA Definition
Saltford Shale Member	Secondary B	Predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering.
The Blue Lias Formation	Secondary A	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.

Table 3.1 Bedrock Aquifer Designations

Bedrock	Aquifer Designation	EA Definition
The Charmouth Mudstone Formation	Secondary Undifferentiated	Has been assigned in cases where it has not been possible to attribute either category A or B to a rock type.

Table 3.2 Superficial Deposit Aquifer Designations

Superficial Deposit	Aquifer Designation
Alluvium	Secondary A
River Terrace Deposits 1	Secondary A
River Terrace Deposits 2	Secondary A
Head	Secondary Undifferentiated

3.5 Historical development

Table 3.3 contains a summary of the historical development of the study area, based on mapping contained within the scheme's Envirocheck report (Appendix A). All maps viewed are 1: 10,560 scale.

Table 3.3 Summary of the historical development of the site

Date	Description of historical development within the study area	Route specific comments
1884	The majority of the study area is greenfield with the Great Western Railway and Bath Road running eastwards through the centre of the study area. Broadmead Lane runs from Bath Road to north of railway track joining with an unnamed road running parallel to the north side of the railway track to Stidham Farm (now Avon Valley Farm). Pixash Lane is shown in its current configuration. A Brass works is shown, between the River Avon Weir and railway track with associated roads in same configuration as present day. Keynsham Bridge and south of Keynsham Road (extending from Station Road) are shown but the northern part of the map appears to be missing.	Brass works in vicinity of Route A.
1887	The entire of Keynsham Road is present. A Gravel pit to the north, east of Keynsham Road is shown. A Reservoir is located south of River Avon and is associated with an unknown works. Quarry limekilns east of Keynsham Road and west of the River Avon are shown.	Gravel pit is likely associated with the Infilled Ground underlying Route C. Reservoir lies immediately east of Route C. Limekilns interact with Routes B and C.
1904	The unknown works mentioned above is labelled as a "Chemical and Soap Works".	
1932	Avon Paper Mill is shown east of the Brass Works.	Adjacent to Route A
1938	There appears to be more buildings associated with the Paper Mill. The Sewage Works is labelled on the map but no buildings are shown.	
1961	Buildings associated with Sewage Works are now shown. Broadmead Lane extends north to the "Works" south of the River Avon. Brass works now labelled "Works".	

Table 3.3 Summary of the historical development of the site

Date	Description of historical development within the study area	Route specific comments
1968	Numerous depots, a works and mill are present south of the railway track and north of the A4. Bath Road roundabout and Keynsham Bypass are present. A refuse or slag heap shown in the same location as Broadmead Landfill. The Sewage Works has more tanks shown.	The refuse or slag heap interacts with Routes A and B
1982	Lake or Pond shown to the north of the "Mill". Likely to be the lagoon associated with the Keynsham Paper Mill.	
1999	Google Maps shows that the "Works" west of the Paper Mill is no longer present. The study area is the same as present day.	

3.6 Potential Contamination

The following existing on-site features could present a contamination risk to Scheme route(s):

- The Sewage Works located to the west of Broadmead Road is immediately adjacent to Route A and Routes 1, 2 and 3.
- The "Works" to the east of the Sewage Works
- The embankments either side of the railway are of unknown origin and therefore the fill could be contaminated and effect Routes 1, 2 and 3.
- There are numerous industrialised sites across the study area, in particular to the south of the railway line and west of the sewage works, these are likely to be associated with potentially contaminated Made Ground.

The MM (refs 1 and 2) and WA&P (ref 3) reports were focused on the landfill area to the west of Broadmead Lane and north of the sewage works. The 1986 WA&P report described the Made Ground as follows:

"deeper materials comprised black /dark brown composed mixed refuse and those near the surface were less decomposed, more recently deposited material. In other pits only the more decomposed material was present. The wastes were extremely heterogenous, containing numerous fragments of glass, plastic, wood, metals, cans, concrete, bricks, rubber, clothing, etc. Some materials were of ash/cinder type and some wastes may have been incinerated prior to tipping. Lenses of clay and fill were found at varying depths in some of the trial pits."

From the MM 2008 Contamination Risk Assessment report (ref 1), the following results were drawn from the laboratory analysis:

- Metal concentrations ranged widely across the site. The alluvium below the fill does not appear to be impacted, based on the results of the chemical testing and in general the topsoil and capping material was not contaminated. The maximum concentrations obtained are summarised in Table 3.4 below.

Table 3.4 Maximum metal concentrations obtained during the 1986 WA&P GI

Metal	Concentration (ppm)
Lead	1230
Cadmium	41
Zinc	600

Table 3.4 Maximum metal concentrations obtained during the 1986 WA&P GI

Metal	Concentration (ppm)
Copper	8900
Nickel	750

- The soil pH value ranged from 5.0 to 8.2. The levels of sulphate ranged from 0.13% and 3.20%. The organic content was inconsistent, reflecting the variable nature of materials present. The highest organic content encountered was 84.68% and the lowest 4.78%.
- Asbestos screen testing undertaken on all samples did not reveal the presence of asbestos in the soils. However the report does not report the presence of potential asbestos in buildings on the south of the site and former use of the north of the site as a landfill. Therefore the risk of encountering asbestos cannot be ruled out.
- Elevated levels of sulphate were identified within soils and groundwaters.
- Waste classification tests classify the majority of soils across the northern sections of the site [the landfill] as hazardous, while the southern section of the site is classed as non-hazardous, although based in limited testing.

3.6.1 Envirocheck information

The Envirocheck report (Appendix A) listed a discharge consent allowing “Trade Effluent Discharge-Site Drainage onto land/into watercourse”. This is recorded as a New Consent and due to its location may affect Route 1 only. In July 1997, a guilty verdict was given for a prosecution relating to authorised processes for “Illegally dumping waste on four sites in the south-west and failing to obtain registration as a carrier of waste” (EA News Release quoted within Envirocheck report).

According to the Envirocheck report (Appendix A), on May 10th 1999 an unknown pollutant was released into the Mid Avon Catchment (affecting Route A). This was classed as a “category 3 – minor incident” and the property type was “transport, storage, communications: road”.

The Envirocheck report (Appendix A) and Environment Agency’s “What’s in my backyard” (WIMBY) website lists the following landfill sites within the vicinity of the Route identified in brackets:

- Stidham Lane, located immediately north of the railway track. First waste received: 1st Sept 1972. Commercial Waste: from premises used wholly or mainly for trade, business, sport, recreation or entertainment. Excludes household and industrial waste” (Routes 1, 2 and 3).
- Keynsham Paper Mill Paper Sludge Treatment Lagoon & Landfill Site, located north of the railway track and west of the sewage works. Licence ref. L/WK/T/46, superseded by L/WK/T/46A. Dated: 16th Jan 1979, superseded in 24th April 1996. Site category: Landfill – with lagoon. Current authorised waste: demolition/construction waste associated with papermill; inert excavated waste/subsoil for cover; paper/pulp/cellulose fibre sludges/slurries/solids; semi-dewatered sludge from lagoon. Historic authorised waste: calcium carbonate, cellulose wastes (natural/synthetic); construction and demolition wastes; excavated ad demolition wastes; excavated natural materials; industrial non-hazardous inert, non-putrescent/non-notifiable/non-toxic waste; pulp/fibre from papermaking; titanium compounds; titanium dioxide/clay mixtures (Routes A and possibly B).
- Henley’s (Bristol) Ltd, first received waste 30th Mach 1969 (Route C only).
- Broadmead, same landfill as discussed in Previous Investigations section (Routes A and B).

The Envirocheck report (Appendix A) and EA's WIMBY website lists the following licensed waste management facilities (all received a "Very Good" compliance rating score in 2012), within the vicinity of the Route identified in brackets:

- Keynsham Sewage Treatment Works, located on Broadmead lane (Routes A, B and C):
 - Permit no. 101275. Licence issued in 8th April 2010. Site category: sewage sludge treatment.
 - Permit no. 011777. Records on WIMBY from 2002 to 2012. No notifiable releases to water or land.
- Pixash Lane C A Site, located south of the railway track and east of Pixash Lane. Permit no. 271197. Licence issued in 13th August 1993 and last modified in 28th April 2010. Site category: household waste amenity site (Route 2 only).
- Keynsham Car Breakers, located just off the A4175. Permit no. 27172. Licence issued in 17th August 1994. Site category: scrapyards/end of life vehicle. Authorised waste: cars/light commercial vehicles/components. Prohibited: liable to cause environment hazard, liquids/solids not integral to vehicles, waste not otherwise specified (N.O.S) (Route B only).
- Keynsham Paper Mill Paper Sludge Treatment Lagoon and Landfill Site, located north of the railway track and west of the sewage works. Permit no. 27250. Licence issued in 16th January 1979. Site category: industrial waste landfills (Routes A and possibly B).

3.7 Environmental designations

The sensitive land use mapping contained within the Envirocheck report (Appendix A) shows that the site falls within the B&NES Council Area of Adopted Green Belt.

3.8 Ground stability

According to the Envirocheck report (Appendix A), the study area has the following potential hazards:

- Potential for Collapsible Ground Stability Hazards: very low
- Potential for Compressible Ground Stability: no hazard
- Potential for Dissolution Stability Hazards: very low
- Potential for Landslide Ground Stability Hazards: low
- Potential for Running Sand Ground Stability Hazards: very low
- Potential for Shrinking or Swelling Clay Ground Stability Hazards: low

The study area is an intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level. Basic radon protective measures are necessary in the construction of new dwellings or extensions.

Ground Conditions

4.1 Geology

A review of published geological mapping and historical exploratory hole records for the study area suggest that the following ground conditions could be anticipated;

- Made Ground;
- Alluvium;
- River Terrace Deposits;
- Head;
- Saltford Shale Member;
- Blue Lias Formation; and
- Charmouth Mudstone Formation.

The 1986 WA&P (ref 3) report summarised the underlying geology of the study area (Broadmead Landfill) as follows:

- *“The site was generally overlain by between 3 m and 4 m of loosely compacted domestic waste and fill material. The fill was found to be as thin as 1.85 m and as deep as 4.5 m in two of the trial pits and was of variable nature, containing mixed domestic and building waste at varying stages of compaction. There was no evidence of large voided items such as car body shells or domestic appliances. Newspapers recovered from the trial pits indicated that tipping ceased in around 1974.*
- *Peaty topsoil covered the majority of the site and a silty clay “capping layer” appeared to have been placed over the waste in some locations.*
- *The fill was underlain by in-situ alluvium of variable nature and strength which generally comprised a firm silty clay or clayey silt. The alluvium thickness ranged between 0.5 m and 2.3 m with an average of 1.3 m. It was underlain by moderately strong limestone of the Lower Lias, which penetrated up to 1.4 m. In two trial pits, a thin layer of Lias Clay was present in between the alluvium and limestone.”*

The anticipated stratigraphic sequence for the six sections is summarised in Table 4.1.

Table 4.1 Anticipated stratigraphy

Stratum (location on Route)	Typical depth to top of stratum (m bgl)	Typical depth to bottom of stratum (m bgl)	General description	Evidence
<i>Variant A</i>				
Made Ground	0.00	1.8-4.5	Fill: firm sandy clay (possibly a capping later), containing domestic refuse: brick, unbroken glass, tins and metal objects.	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.
Alluvium (from A4175 to sewage works)	1.8-4.5	2.3-6.2	Clay, silt, sand and gravel. Firm to stiff silty, sandy, gravelly CLAY with	BGS 1:50 000, Solid and Drift

Table 4.1 Anticipated stratigraphy

Stratum (location on Route)	Typical depth to top of stratum (m bgl)	Typical depth to bottom of stratum (m bgl)	General description	Evidence
			cobbles of sandstone and limestone	Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs. BGS historical borehole (ST66NE22)
River Terrace Deposits 1 (north of sewage works)	1.8-4.5	No data	Sand and gravel.	BGS 1:50 000, Solid and Drift Geology map, 2004.
Saltford Shale Member (overlying the Alluvium)	6.2-8.0	Proven to 10.89 (ST66NE22)	Soft grey brown coming blue grey very closely fissured MUDSTONE with occasional bands of medium hard SILTSTONE	BGS 1:50 000, Solid and Drift Geology map, 2004. BGS historical borehole
Blue Lias Formation (overlying the RTD)	4.0-5.5	Proven to 14.5 (BH02)	Slightly weathered, moderately strong limestone	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.
<i>Variant B</i>				
Infilled Ground (between A4175 and River Avon)	0	No data	Artificial Deposit	BGS 1:50 000, Solid and Drift Geology map, 2004.
Made Ground (historic landfill)	0	1.8-4.5	Fill: firm sandy clay (possibly a capping later), containing domestic refuse: brick, unbroken glass, tins and metal objects.	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.
Alluvium (from River Avon to 200m east)	1.8-4.5	2.3-6.2	Clay, silt, sand and gravel. Firm to stiff silty, sandy, gravelly CLAY with cobbles of sandstone and limestone	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.

Table 4.1 Anticipated stratigraphy

Stratum (location on Route)	Typical depth to top of stratum (m bgl)	Typical depth to bottom of stratum (m bgl)	General description	Evidence
				BGS historical borehole (ST66NE22)
River Terrace Deposits 1 (west of the above to Broadmead Lane)	1.8-4.5	No data	Sand and gravel.	BGS 1:50 000, Solid and Drift Geology map, 2004.
Saltford Shale Member (overlying the Alluvium)	Proven from 6.2 to 8.0	Proven to 10.89 (ST66NE22)	Soft grey brown coming blue grey very closely fissured MUDSTONE with occasional bands of medium hard SILTSTONE	BGS 1:50 000, Solid and Drift Geology map, 2004. BGS historical borehole
Blue Lias Formation (overlying the RTD)	Proven from 4.0 to 5.5	Proven to 14.5 (BH02)	Slightly weathered, moderately strong limestone	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.
<i>Variant C</i>				
Infilled Ground (outlier near A4175)	0	No data	Artificial Deposit	BGS 1:50 000, Solid and Drift Geology map, 2004.
Made Ground (historic landfill)	0	Proven from 1.8 to 4.5	Fill: firm sandy clay (possibly a capping later), containing domestic refuse: brick, unbroken glass, tins and metal objects.	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.
Alluvium (from River Avon to 200m south east)	No data	No data	Clay, silt, sand and gravel.	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs. BGS historical borehole (ST66NE22)
River Terrace Deposits 1 and 2 (North of River	Proven from 1.8 to 4.5	Unknown	Sand and gravel.	BGS 1:50 000, Solid and Drift

Table 4.1 Anticipated stratigraphy

Stratum (location on Route)	Typical depth to top of stratum (m bgl)	Typical depth to bottom of stratum (m bgl)	General description	Evidence
Avon and south of the above)				Geology map, 2004.
Saltford Shale Member (overlying the Alluvium)	6.2-8.0	Proven to 10.89 (ST66NE22)	Soft grey brown coming blue grey very closely fissured MUDSTONE with occasional bands of medium hard SILTSTONE	BGS 1:50 000, Solid and Drift Geology map, 2004. BGS historical borehole
Blue Lias Formation (overlying the RTD)	4.0-5.5	Proven to 14.5 (BH02)	Slightly weathered, moderately strong limestone	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.
<i>Option 1</i>				
River Terrance Deposits 1 (along Broadmead Road)	0	No data	Artificial Deposit	BGS 1:50 000, Solid and Drift Geology map, 2004.
Head (south of the railway track)	0	1.7 + (ST66NE47)	Clay and Silt. Firm fissured mottled grey brown silty CLAY with sandstone fragments (possibly Alluvium)	BGS 1:50 000, Solid and Drift Geology map, 2004. BGS historical borehole
Blue Lias Formation (along Broadmead Road)	Proven from 4.0 to 5.5	Proven to 14.5 (BH02)	Slightly weathered, moderately strong LIMESTONE.	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.
Charmouth Mudstone Formation	Proven from 0.97 to 8.-0	Proven to 9.0m (with Blue Lias beneath)	Soft to firm calcareous MUDSTONE with bands of limestone.	BGS 1:50 000, Solid and Drift Geology map, 2004. BGS historical boreholes
<i>Option 2</i>				
River Terrance Deposits 1 (along Broadmead Road)	0	No data	Artificial Deposit	BGS 1:50 000, Solid and Drift

Table 4.1 Anticipated stratigraphy

Stratum (location on Route)	Typical depth to top of stratum (m bgl)	Typical depth to bottom of stratum (m bgl)	General description	Evidence
				Geology map, 2004.
Blue Lias Formation (along Broadmead Road)	Proven from 4.0 to 5.5	Proven to 14.5 (BH02)	Slightly weathered, moderately strong LIMESTONE.	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.
Charmouth Mudstone Formation	Proven from 0.97 to 8.-0	Proven to 9.0m (with Blue Lias beneath)	Soft to firm calcareous MUDSTONE with bands of limestone.	BGS 1:50 000, Solid and Drift Geology map, 2004. BGS historical boreholes
<i>Option 3</i>				
River Terrace Deposits 1 and 2 (along Broadmead Road and along Pixash Road)	0	No data	Artificial Deposit	BGS 1:50 000, Solid and Drift Geology map, 2004.
Blue Lias Formation (along Broadmead Road)	4.0-5.5	Proven to 14.5 (BH02)	Slightly weathered, moderately strong LIMESTONE.	BGS 1:50 000, Solid and Drift Geology map, 2004. Data from the 1986 WA&P and 2008 MM GIs.
Charmouth Mudstone Formation	Proven from 0.97 to 8.-0	Proven to 9.0m (with Blue Lias beneath)	Soft to firm calcareous MUDSTONE with bands of limestone.	BGS 1:50 000, Solid and Drift Geology map, 2004. BGS historical boreholes

4.2 Groundwater

During the 1986 WA&P GI (ref 3), within the historical landfill, significant water inflow was observed in each trial pit, generally at the base of the fill material.

The water level results from the 2008 MM GI (within the historical landfill) are summarised in Table 4.2. The standpipes were generally installed within the Made Ground although some extended slightly deeper than the base of the made Ground. Table 4.3 records the water strikes encountered in the trial pits of the same GI.

Table 4.2 Groundwater levels from boreholes of the 2008 MM GI

	During boring				Standpipe monitoring					
Borehole Number	Water Strike (m bgl)	Casing	Rose to (m bgl)	Time to rise (min)	Depth to base (m bgl)	Depth to Groundwater (m bgl)				
						26/09/08	15/10/08	24/10/08	04/11/08	28/11/08
BH01	Groundwater not encountered				3.00	-	2.95	2.63	2.50	2.63
BH02R	4.80	4.80	4.40	20	4.50	-	3.50	3.58	3.15	3.99
BH03R	2.50	2.50	2.40	20	1.50	-	1.25	0.72	1.28	0.98
BH04	3.50	3.30	3.40	20	3.50	3.40	-	3.20	Damp	3.15
BH05	5.50	5.50	5.25	20	5.00	-	3.90	3.67	3.70	3.46
BH06	2.50	2.50	2.30	15	1.50	-	Dry	1.00	1.04	0.98
BH07R	2.50	1.70	2.45	20	2.50	-	1.50	1.47	1.33	1.43
BH08	1.50	1.50	1.45	20	2.00	-	1.03	0.97	0.93	1.03
BH09	2.30	2.30	1.80	20	2.40	-	1.50	1.12	0.94	1.12
BH10	Groundwater not encountered				2.60	-	1.53	1.20	1.36	1.48
BH11	0.80	Nil	0.80	20	2.40	-	0.60	0.53	0.37	0.64
BH12R	Not recorded				2.00	-	0.90	0.57	0.37	0.5

Table 4.3 Groundwater levels from trial pits of the 2008 MM GI

Trial Pit Number	Date	Trial Pit Depth (m bgl)	Water Strike (m bgl)	Comments
TP03	24/09/2008	4.50	3.95	Rapid inflow
TP04	24/09/2008	4.20	4.05	Slight seepage. Damp.
TP05	24/09/2008	4.00	3.00	Slight seepage. Damp.
TP08	24/09/2008	4.70	3.90	Moderate seepage.
TP09	26/09/2008	4.60	3.85	Slow seepage.
TP10	25/09/2008	4.40	3.95	Slight seepage.
TP11	23/09/2008	3.90	1.75	Slight seepage.
TP14	25/09/2008	4.30	3.90	Slight seepage.
TP15	24/09/2008	3.20	2.70	Slight seepage.
TP16	24/09/2008	4.20	2.70	Slow inflow.
TP17	02/10/2008	3.50	2.95	Slight seepage. Damp.
TP18	26/09/2008	4.30	3.90	Moderate inflow.
TP19	26/09/2008	4.30	3.90	Moderate inflow.
TP21	02/10/2008	2.50	2.25	Slight seepage.
TP22	26/09/2008	4.80	-	Damp.
TP23	26/09/2008	2.80	-	Dry.
TP26	02/10/2008	2.90	-	Dry.
TP27	26/09/2008	3.00	-	Dry

From the historical BGS logs, borehole ST66NE47 located north of Broadmead Roundabout (on Bath Road), reported “fairly heavy” water seepage at 12.5 m. Groundwater was measured at 1.63 m in ST66NE52 located near junction of Pixash Lane and Worlds End Lane. The resting water level was 3.2 m in ST66NE56 located south of the railway track, on Route 3. The water level in ST66NE55 (south of railway, approximately 50 m from Route 3) was recorded as 0.5 m.

4.3 Ground gas

During the 1986 WA&P GI, “significant concentrations of flammable gases, associated with a strong odour” were recorded in two trial pits. However, the report also noted that gas monitoring and sampling in an open pit is not the most reliable method of ascertaining precise concentrations of contaminative gases, such as methane.

During the 2008 MM GI, three gas monitoring rounds were conducted. The Contamination Risk Assessment report (ref 2) concluded the following:

“Excessive methane and carbon dioxide concentrations have been recorded across both the north and the south of the site. However gas flow rates were consistently low, suggested the production of ground

gas across the site is only occurring on a small scale. One location in particular displays highly elevated levels and needs further investigation”.

4.4 Geotechnical properties

Following in-situ testing and laboratory and geochemical testing of soil samples during the 2008 MM GI, the following conclusions were summarised in the Geotechnical Report (Ref 1) that are relevant to this PSSR:

- “Ground improvement techniques should be used at the northern portion of the site [the landfill] under all areas to be built upon or used as roads or parking areas. However the implications of disturbing the material needs to be carefully considered.
- Piling may be required for certain structures.
- If the ground can be sufficiently improved then shallow foundations might be possible for many of the low-rise structures at the northern portion of the site [the landfill].
- Site levels should be maintained to avoid making the flood risk worse.
- Rock of the Lower Lias often have the potential to generate significant quantities of sulphide and sulphate and therefore the specification of mixes for concrete foundations should be carefully considered to ensure the concrete is not susceptible to degradation. The Made Ground and soils may also contain elevated levels of sulphate.
- A New capping layer may need to be placed above the landfill material.
- It may be necessary to install gas protection measures.
- Cut off walls may be required to control contaminated groundwater flowing from site.”

Comparison of project options and risks

The options proposed for this scheme are detailed in Section 1.4.

5.1 Summary of risks

The risks presented below are based on the information obtained through the compilation of this report.

5.1.1 Aggressive ground conditions

The Blue Lias is a sulphide and sulphate bearing stratum. As a result, it is likely that any concrete placed as part of the design will be vulnerable to attack from sulphate bearing soils. Therefore, is recommended that additional testing is carried out to determine location specific values for detailed design. This is relevant for Routes A, B and C.

5.1.2 Soft ground/settlement

Whilst the Envirocheck report does not record any ground stability data as greater than “low” hazard potential there is insufficient information available across the Routes and further ground investigation should be undertaken and appropriate laboratory testing carried out to enable an assessment of the risks.

Structures and section of the proposed scheme which are underlain by Made Ground, particularly routes which cross the Broadmead Lane landfill, will be vulnerable to total and differential settlement, given the variable nature of the underlying deposits. Monitoring will be required and it is anticipated that some form of ground engineering will be required to mitigate the risk associated with settlement. Such measures are likely to comprise the removal of compressible materials, or undertaking a period of surcharge ground treatment. Consideration may be given to piling structures which are anticipated to undergo ground movements in excess of normally tolerable limits.

Similar considerations would apply to sections of the scheme which are underlain by alluvial deposits.

5.1.3 Potential contamination

There has not been sufficient ground investigation across the study area and in particular along an individual route option. The MM 2008 GI identified elevated levels of lead in several locations within its study area (Broadmead Landfill), along with widespread elevated levels of sulphate and isolated elevated levels of TPH in two locations. Iron levels were also elevated but it is anticipated this is partially from a natural source with some additional levels originating from the former landfill.

The MM 2008 Contamination Risk Assessment (Ref 1) concluded the following:

“The Broadmead Lane site has housed two potentially contaminative historic and current land uses, including a former landfill on the north of the site and present industrial estate on the south. Contaminants in soils identified across the site include lead, sulphate and isolated TPH and VOCs. All soils displayed elevated levels of iron, although this is believed to have a predominantly natural source. Leachate results did not reveal any significant levels of contaminants suggesting that the contaminants within the soils are not particularly mobile. Any future hardstanding or building across the site would prevent a contamination pathway being present between site materials (potential source of contamination) and future site users (potential receptors of contamination).

Overall the Broadmead Lane site has been given a high-risk rating for contamination with the principal risks concerning groundwater and the River Avon.

In any ground investigation, there remains a risk that pockets or 'hot-spots' of contamination may not be identified, because investigations are necessarily based on sampling at localised points. Certain indicators or evidence of hazardous substances or conditions may have been outside the portion of the subsurface investigated or monitored and thus may not have been identified or their full significance appreciated. It is also possible that environmental monitoring has not identified certain conditions because of the relatively short monitoring period. Accordingly, is it possible that the ground investigation and monitoring failed to indicate the presence or significance of hazardous substances or conditions. It would therefore be prudent to allow for potentially 5-10% of all material encountered to require pre-treatment and off-site disposal due to contamination."

5.1.4 Groundwater

The groundwater is reported to be within a minor aquifer and the River Avon, a significant water body is immediately adjacent across many parts of the study area and therefore any intrusive construction works (Routes A and B) presents a risk of contamination of these sensitive receptors

Given the close proximity of the adjacent River Avon and the distribution of groundwater depths across the site indicating that groundwater flow is towards the river, study area can be considered to be relatively sensitive to contamination. Groundwater testing results indicated that a range of contaminants is present in groundwaters beneath the site in relatively low concentrations. Slight differences in the water quality between the north and south of the site suggest some have the potential to be generated by a former landfill on the northern section of the site. The ground investigation did not identify a lining layer underneath the landfill and this creates a risk for landfill leachate to enter groundwater.

5.1.5 Buried and overhead services

Buried services may exist across the study area, particularly to the south of the railway track where there are more residential and commercial properties. Therefore, a thorough utility search should be undertaken and the results reviewed. Utilities, including overhead services, should be included on all design drawings, including proposed exploratory hole location plans. Hand dug inspection pits should be excavated at proposed locations, to confirm the absence of buried services.

5.1.6 Man-made structures

It is possible that there are historical structures across the study area that are not shown on maps or aerial photographs. The historical maps show embankments either side of the railway track but it is not clear how far these extend and therefore may interact with the Route A, B and C options. To mitigate this risk a site walkover survey prior to any ground investigation is required, to identify man-made structures which may pose a constraint to the ground investigating or to the wider scheme.

5.1.7 Unexploded ordnance (UXO)

A preliminary UXO risk assessment in line with CIRIA C681 'Unexploded Ordnance (UXO) – A guide for the Construction Industry' Risk Management Framework, has not been undertaken and will be required before intrusive investigation or construction works commence. Based on the outcome of this, it may be suitable to commission a more detailed 'Explosive Ordnance Threat Assessment' which will also include mitigation measures such as:

- Explosive Ordnance Safety and Awareness Briefings to all personnel conducting intrusive works.
- The Provision of Unexploded Ordnance Site Safety Instructions.
- Non-intrusive Magnetometer Survey and target investigation ahead of any intrusive works.

5.1 Geotechnical and geoenvironmental risk register

A qualitative approach has been used to develop the geotechnical risk register for the site. Using this system, the degree of risk is the expected impact of damage, loss or harm for a given hazard under particular circumstances, and is the product of the likelihood and consequence of that hazard materialising. The scales of likelihood and consequence are shown in Table 5.1 and 5.2 and the degrees of risk are summarised in Table 5.3.

Table 5.1 Scales of Likelihood	
Likelihood	Scale
Improbable	1
Remote	2
Occasional	3
Probable	4
Frequent	5

Table 5.2 Scales of Consequence	
Likelihood	Scale
Insignificant	1
Marginal	2
Serious	3
Critical	4
Catastrophic	5

Table 5.3 Degrees of risk		
Degree of Risk	Risk Level	Recommended Response
1 to 5	Low risk	Broadly acceptable if all reasonably practicable control measures are in place
6 to 8	Medium risk	Tolerable only if further mitigation is not reasonably practical and there is need to continue activity with identified controls
9 to 15	High risk	Apply further mitigation measures and/or alter method of work to reduce risk further
16 to 25	Very high risk	Unacceptable. Re-examine activities to provide lower risk

Table 5.4 summarises the potential hazards that may be associated with the strata beneath the study area and the corresponding risk for each.

Table 5.4 Geotechnical Risk Register

Geological Unit	Potential Hazard	Potential Impact	Likelihood	Consequence	Risk (without mitigation)
Made Ground	Variable foundation conditions	Differential settlement of foundation	4	4	16
	Poor foundation conditions	Global stability / bearing failure of earthworks/structures	4	4	16
	Contamination	Adverse effects on workers and environment	3	3	9
	Sulphate bearing material	Attack on buried concrete	3	3	9
Alluvium	Compressible strata	Total or differential settlement of earthworks/structures	5	4	20
	Risk of flooding	Detrimental effect on construction	4	3	12
	Variable foundation conditions	Differential settlement of foundation	3	4	12
	Weak/ loose strata	Global stability / bearing failure of earthworks/structures	5	4	20
River Terrace Deposits	High water table	Unstable excavations / uplift of structures	5	4	20
	Former workings	Settlement / Made Ground	2	4	8
	Gravel and cobbles	Obstructions to excavations / piling	3	3	9
Head	Compressible strata	Total or differential settlement of structures	3	4	12
	Gravel and cobbles	Obstructions to excavations/piling	2	3	6
	Variable foundation conditions	Differential settlement of foundation	5	4	20
	Weak/ loose strata	Global stability / bearing failure of defences	4	4	16
	Ground heave	Damage to structures and foundations	3	5	15
Saltford Shale Member	Poor foundation conditions	Global stability/bearing failure of defences Failure of earthworks/structures	2	4	8
Blue Lias Formation	Variable foundation conditions	Differential settlement of foundations, variable construction techniques required.	3	4	12
Charmouth Mudstone Formation	Competent, shallow bedrock	Obstructions to excavations/piling	3	2	6

Sulphate bearing material	Attack on buried concrete	5	3	15
Slightly elevated natural radon emissions	Radon build up in poorly ventilated spaces	2	5	10
Instability leading to mass movement	Failure of earthworks/structures	2	5	10
High density strata	Difficulties in piling and excavating	3	3	6
Instability leading to mass movement	Failure of earthworks/structures	2	5	10

The geotechnical issues that are most likely to need consideration as part of the design process are summarised in Table 5.5.

Table 5.5 Summary of geoenvironmental and geotechnical constraints specific to the Scheme options.

Option	Potential ground-related issues	Primary control(s)
A	Contamination from current and historical land use. In particular: <ul style="list-style-type: none"> • Brass Works • Keynsham Paper Mill and associated Sludge Treatment Lagoon & Landfill Site • Keynsham Sewage Treatment Works 	Whilst Route A does not cross the boundary of the former three sites (listed in key constraints), the potential for migration of contamination through leaching and groundwater means that these sites may still present a risk. Temporary works may also be required adjacent to the route and these may interact with these sites. Therefore further GI would be required in these areas to investigate the presence of contamination.
	Broadmead Landfill	
	Made Ground and Alluvial deposits are at risk of settlement	Consideration needs to be given to implementation of ground engineering or foundation engineering measures to mitigate the risk of damage.
	Aggressive ground conditions caused by the Blue Lias Formation and associated superficial deposits	Additional testing is carried out to determine location specific values for detailed design. Consideration during the design and specification of buried concrete.
B	Historical contamination from Broadmead Landfill.	Route B crosses the footprint of Broadmead Landfill. Whilst GI has been undertaken in this area, further sampling should be undertaken to inform the assessment.
	Made Ground and Alluvial deposits are at risk of settlement	Consideration needs to be given to implementation of ground engineering or foundation engineering measures to mitigate the risk of damage.
	Aggressive ground conditions caused by the Blue Lias Formation and associated superficial deposits	Additional testing is carried out to determine location specific values for detailed design. Consideration during the design and specification of buried concrete.
C	Made Ground and Alluvial deposits are at risk of settlement	Consideration needs to be given to implementation of ground engineering or foundation engineering measures to mitigate the risk of damage.
	Aggressive ground conditions caused by the Blue Lias Formation and associated superficial deposits	Additional testing is carried out to determine location specific values for detailed design. Consideration during the design and specification of buried concrete.
1	Historical contamination from Stidham Lane Landfill.	Whilst Route 1 does not cross the boundary of Stidham Lane Landfill, the potential for migration of contamination through leaching and groundwater means that these sites still present a risk. Temporary works may also be required adjacent to the route and these may interact with these sites. Therefore further GI would be required in these areas to investigate the presence of contamination.
2	None	N/A
3	None	N/A

References

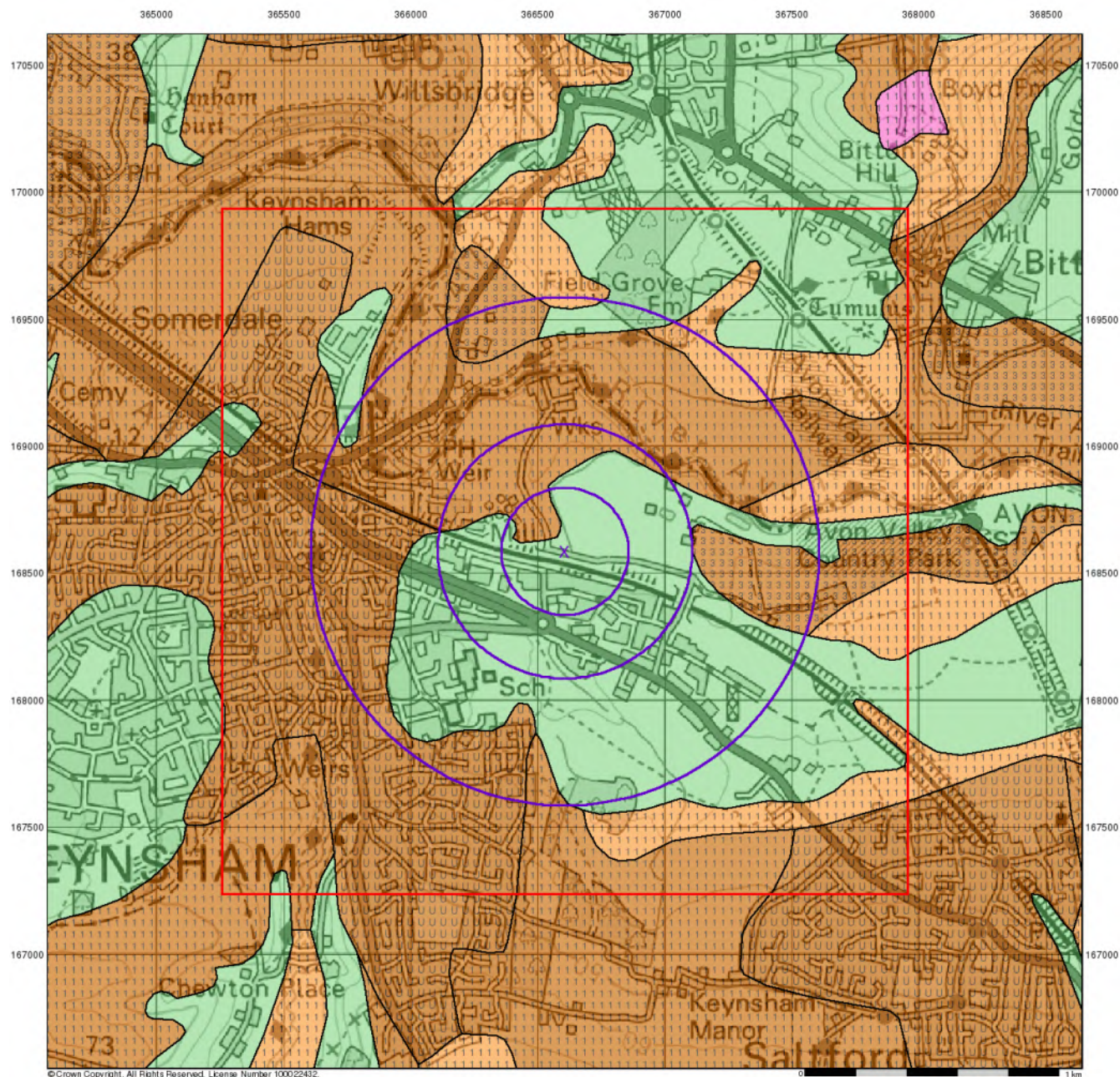
1. Mott MacDonald, February 2009. Broadmead Lane, Keynsham, Phase 1 and Phase 2 Contamination Risk Assessment and Remediation Options. Report Number: 244656/07/B
2. Mott MacDonald, February 2009. Geotechnical Report, Former Landfill Site, Broadmead Lane, Keynsham. Report Number: 244656/06/B
3. Ward, Ashcroft and Parkman Consulting Engineers, March 1986. Land at Broadmead, Keynsham, Report of Ground Investigation for Wansdyke Council, Volume 1 – Factual Report. Report Number: JH/3732

Appendix A

Envirocheck

Appendix B

BGS Borehole Logs



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Groundwater Vulnerability

General

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

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Minor Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

Water or Sea

Drift Deposit

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

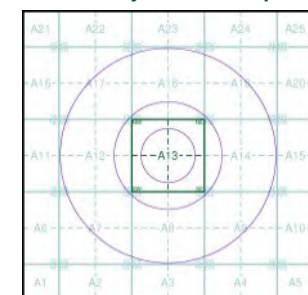
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Site Sensitivity Context Map - Slice A

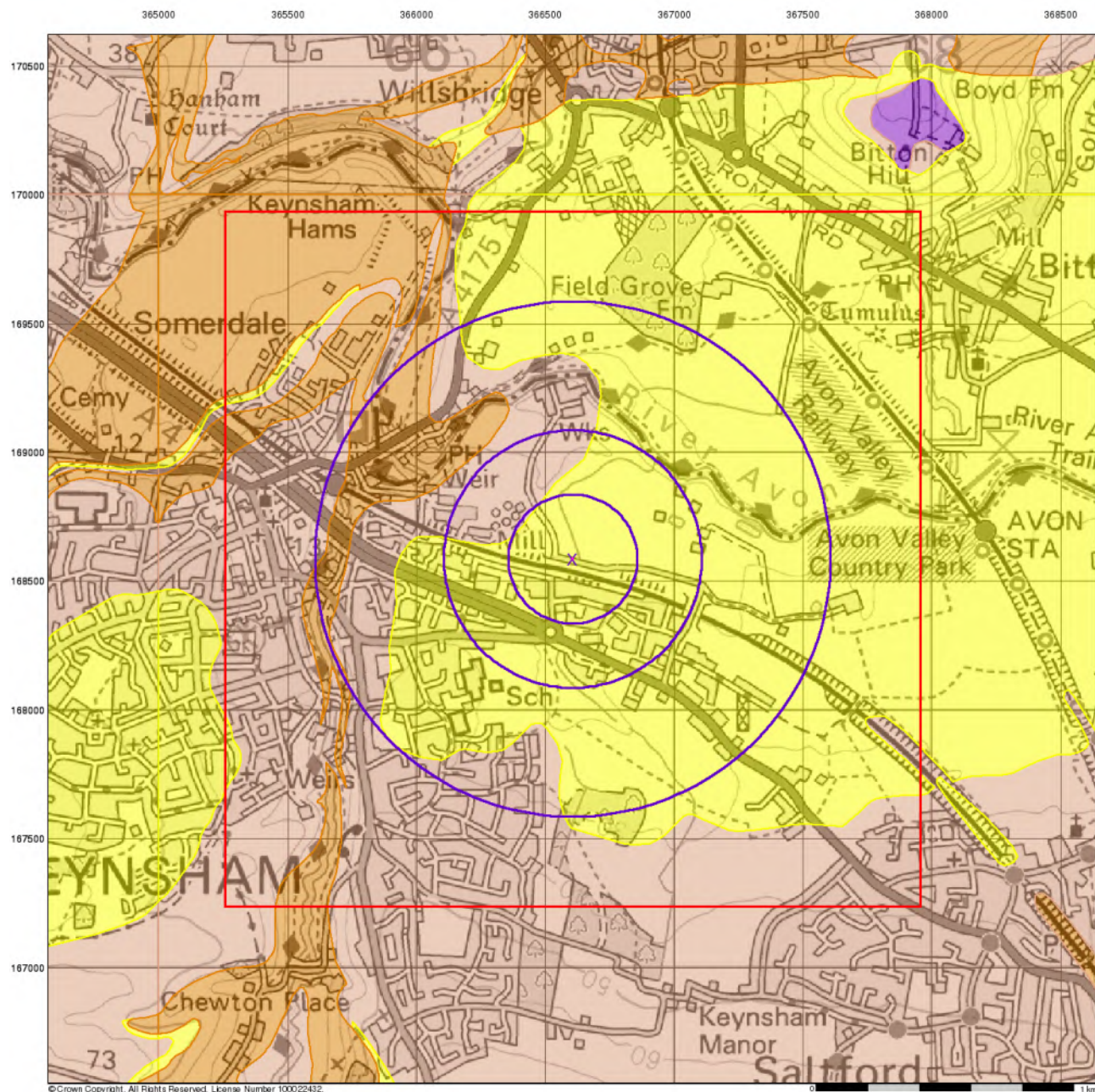


Order Details

Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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Bedrock Aquifer Designation

General

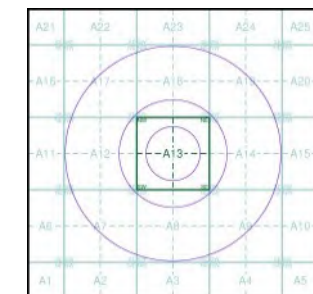
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

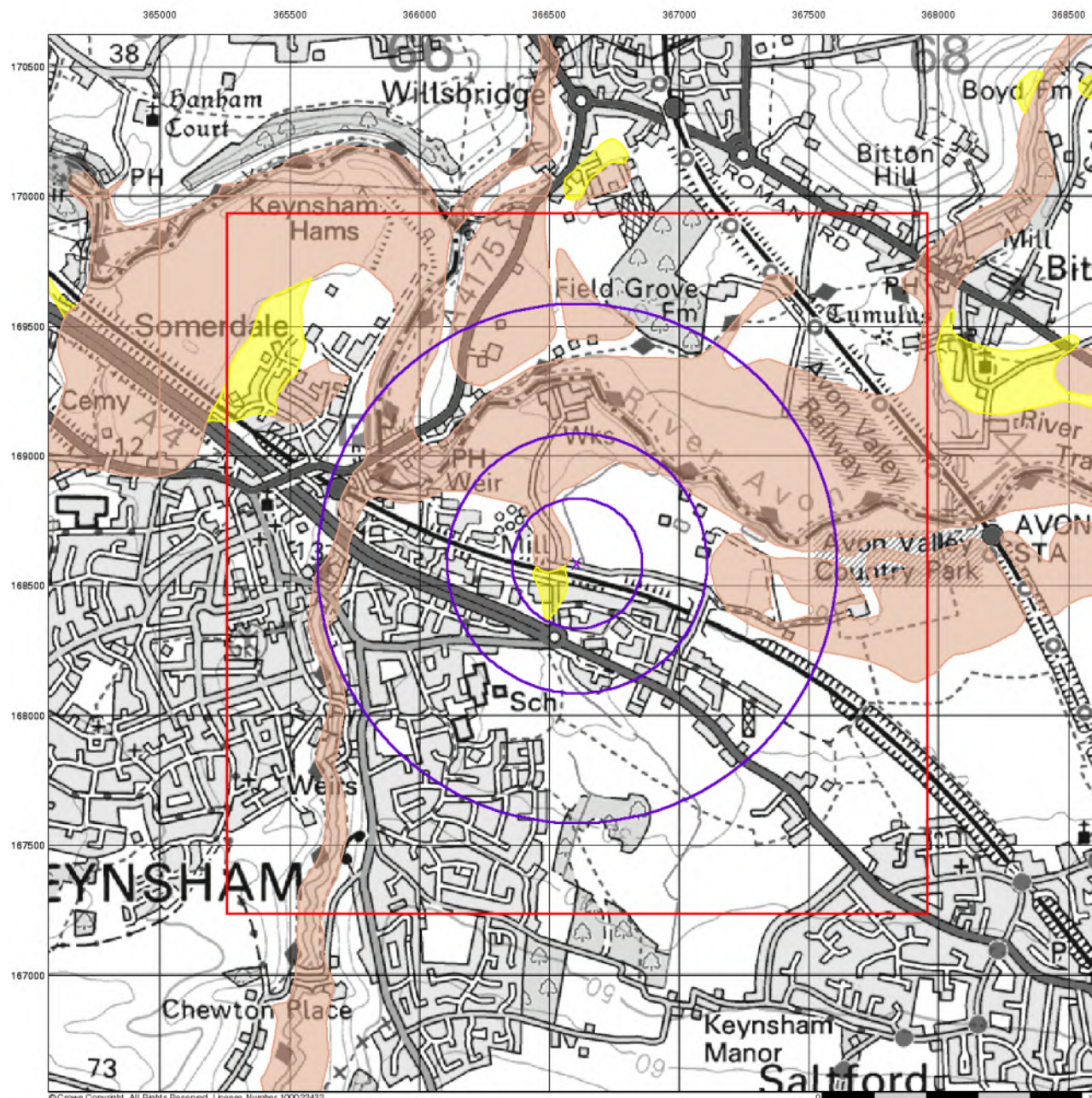


Order Details

Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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Superficial Aquifer Designation

General

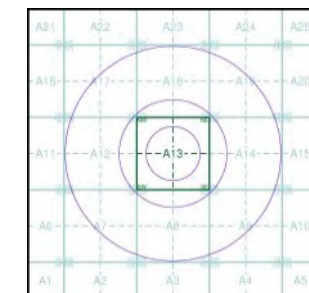
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

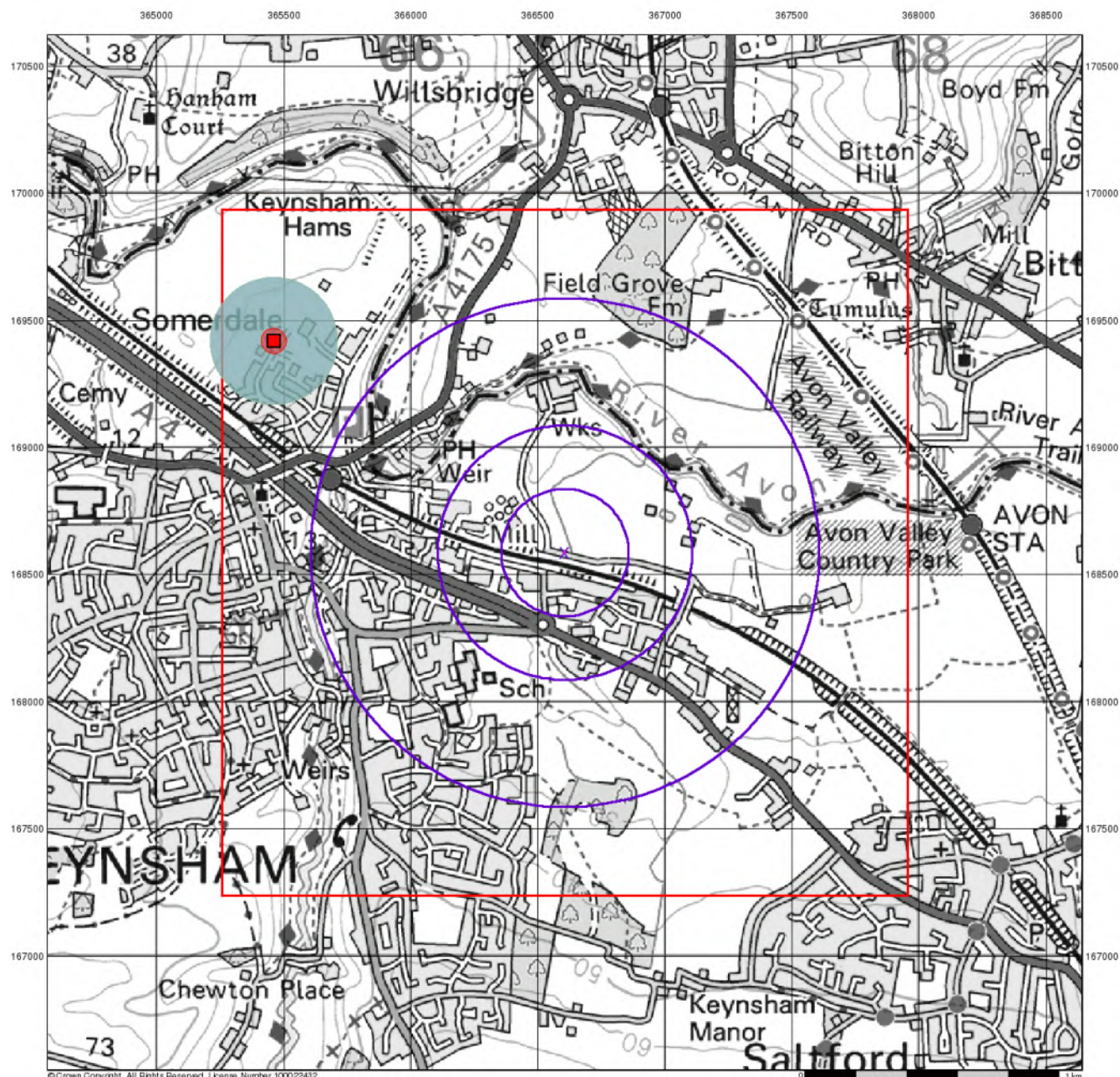
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 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset

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Tel: 0844 844 9952
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Source Protection Zones

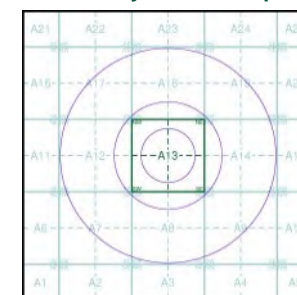
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A

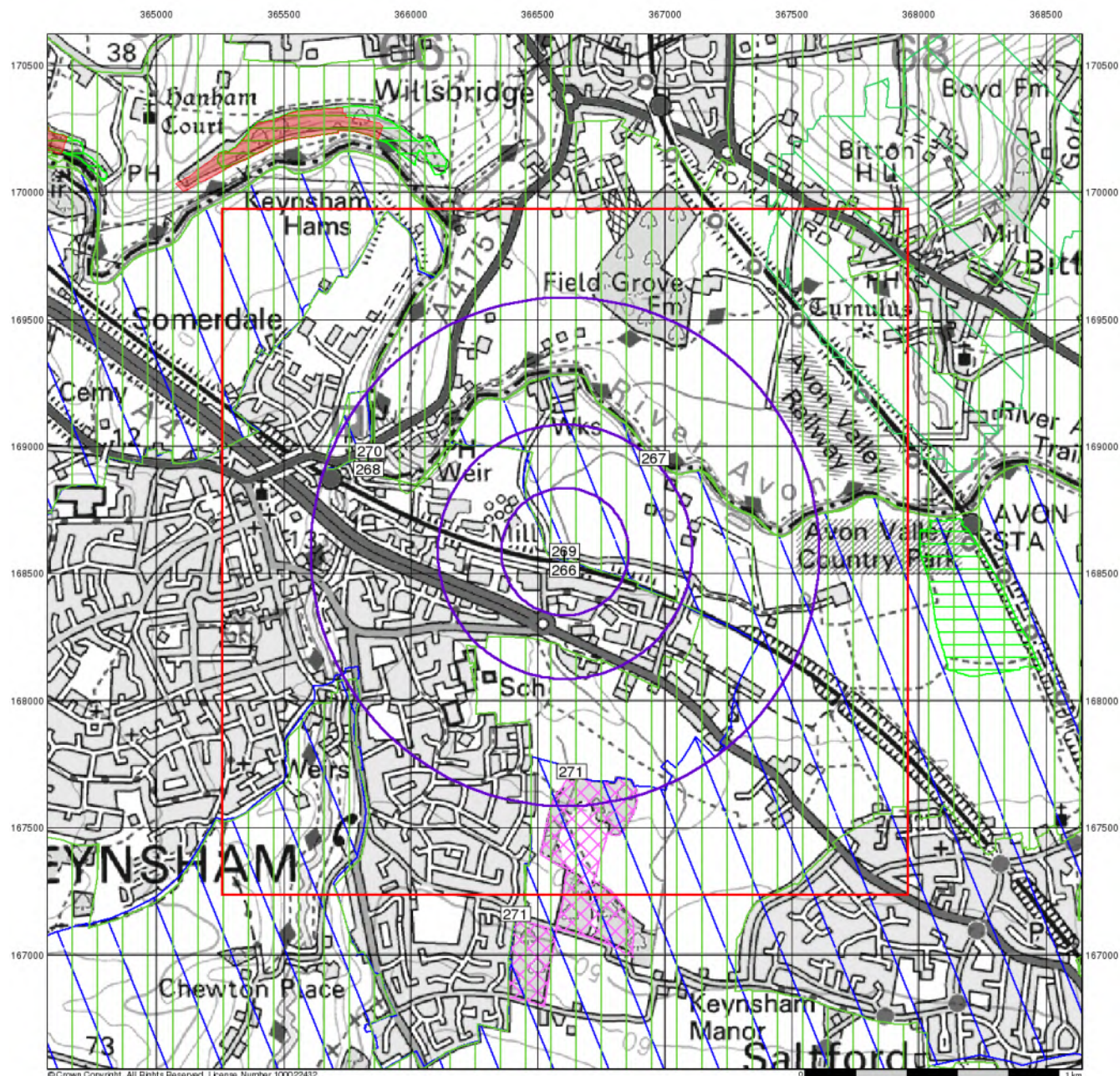


Order Details

Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

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Sensitive Land Uses

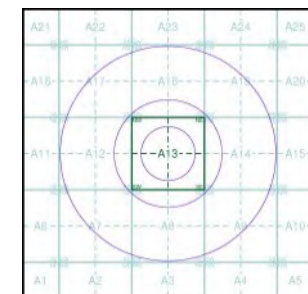
General

- 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

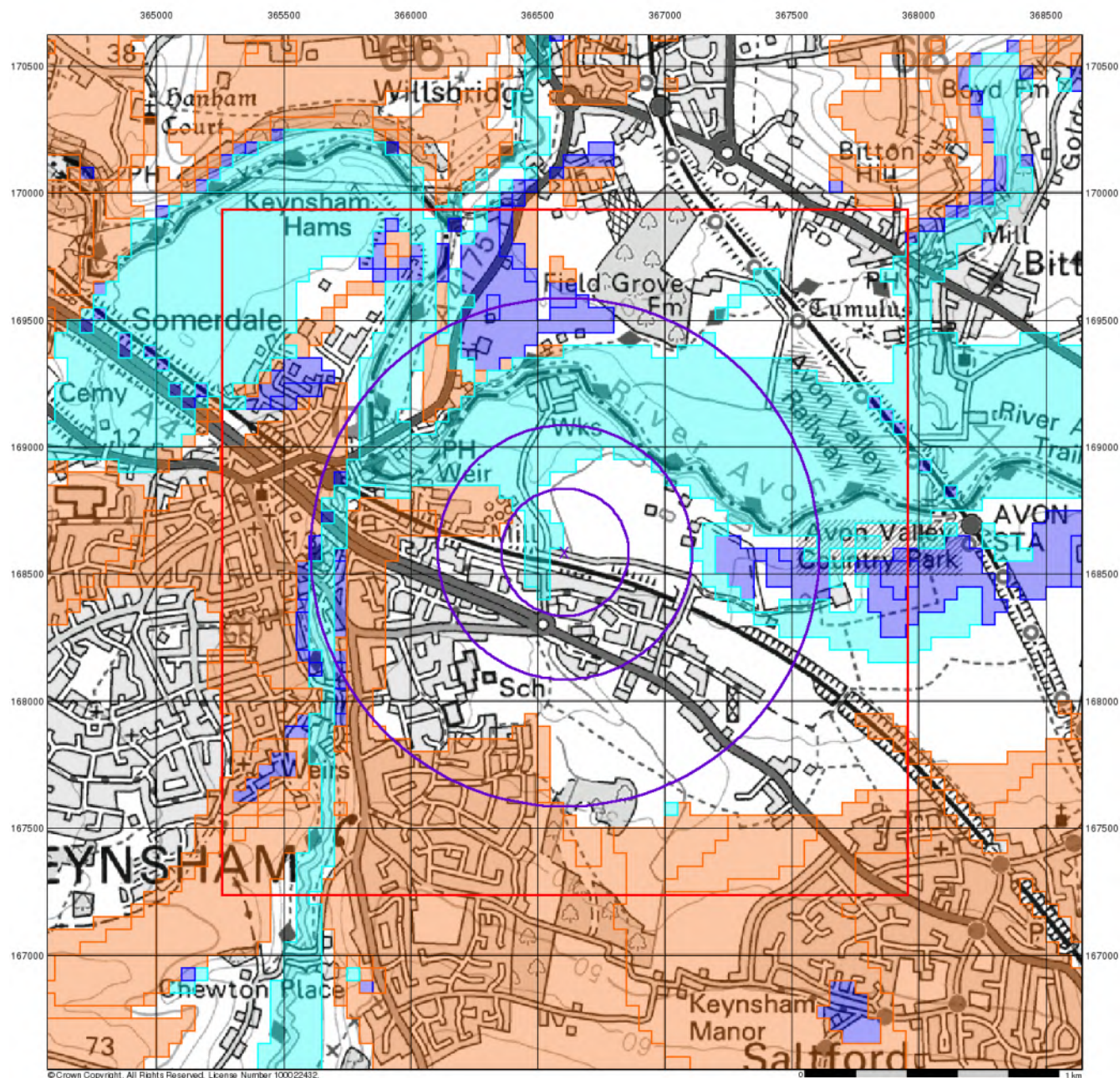


Order Details

Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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BGS Flood GFS Data

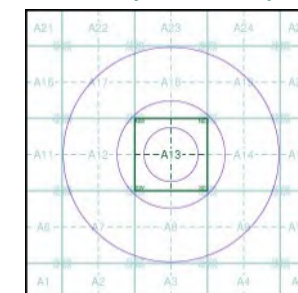
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

149353330_1_1

Customer Reference:

A4 Bristol to East Keynsham

National Grid Reference:

366610, 168590

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Site at

Keynsham

Bath and North East Somerset

Client Details:

Miss T Lewis

Halcrow Group Ltd

1 The Square

Temple Quay

Bristol

Avon

BS1 6DG

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	41
Hazardous Substances	-
Geological	49
Industrial Land Use	56
Sensitive Land Use	76
Data Currency	77
Data Suppliers	82
Useful Contacts	83

Introduction

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

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		10		36
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 12			1	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 12		Yes		
Pollution Incidents to Controlled Waters	pg 13		1		2
Prosecutions Relating to Authorised Processes	pg 13				2
Registered Radioactive Substances					
River Quality	pg 13			1	2
River Quality Biology Sampling Points	pg 14				1
River Quality Chemistry Sampling Points	pg 15				2
Substantiated Pollution Incident Register	pg 16			1	
Water Abstractions	pg 17				15 (*31)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 28	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 28	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 28		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 28		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 29		10	11	82

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 41		1	1	1
Historical Landfill Sites	pg 41		1		7
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 43			1	
Licensed Waste Management Facilities (Locations)	pg 43		1	2	5
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 45			1	3
Potentially Infilled Land (Non-Water)	pg 45				7
Potentially Infilled Land (Water)					
Registered Landfill Sites	pg 46				4
Registered Waste Transfer Sites	pg 47				2
Registered Waste Treatment or Disposal Sites	pg 48				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 49	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 49	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 53				5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			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 54	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 54		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 55	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 55		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 55	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 55	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 55	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 56		9	57	60
Fuel Station Entries	pg 67				3
Points of Interest - Commercial Services	pg 67		7	23	20
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 71		1	9	7
Points of Interest - Public Infrastructure	pg 73		2	3	16
Points of Interest - Recreational and Environmental	pg 75				9
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 76	1			2
Areas of Unadopted Green Belt	pg 76	1			1
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 76				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	15	1	366600 168600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	236	1	366400 168700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	494	1	367100 168587
1	Discharge Consents Operator: Co-Op Retail Services Ltd Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Leo'S Retail Store, Keynsham, Bristol Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 011612 Permit Version: 1 Effective Date: 24th October 1990 Issued Date: Not Supplied Revocation Date: 1st October 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch Tributary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	123	2	366510 168510
1	Discharge Consents Operator: Crs Properties Ltd Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Leo'S, Ollis Site, Broadmead Lane, Keynsham, Bristol, Bs18 1st Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 100178 Permit Version: 1 Effective Date: 24th March 1997 Issued Date: 24th March 1997 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Onto Land/Into Watercourse Environment: Receiving Water: Un-Named Ditch Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	127	2	366510 168505
2	Discharge Consents Operator: Mr L Harvey Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Polysulphin Works, Broadmead Lane, Keynsham, Bristol, Bs31 1st Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 021489 Permit Version: 1 Effective Date: 14th March 1969 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Bristol Avon Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	138	2	366500 168500
2	Discharge Consents Operator: Co-Op Retail Services Ltd Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Leo'S Retail Store, Keynsham, Bristol Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 011612 Permit Version: 1 Effective Date: 24th October 1990 Issued Date: Not Supplied Revocation Date: 1st October 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch Tributary Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	161	2	366460 168520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Crs Properties Ltd Property Type: SHOP INCL GARDEN CENTRE/RETAIL TRADE(NOT MOTOR VEHICLE) Location: Leo'S, Ollis Site, Broadmead Lane, Keynsham,Bristol, Bs18 1st Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 100178 Permit Version: 1 Effective Date: 24th March 1997 Issued Date: 24th March 1997 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Onto Land/Into Watercourse Environment: Receiving Water: Un-Named Ditch Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	163	2	366460 168515
3	Discharge Consents Operator: Kelda Water Services (Estates) Limited Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Tavr Centre, Ashmead Road, Keynsham, Bristol, Bs31 1sx Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 013310 Permit Version: 1 Effective Date: 25th March 1996 Issued Date: 3rd April 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A13SW (S)	188	2	366590 168400
3	Discharge Consents Operator: Tavr Centre Property Type: Not Given Location: Tavr Centre, Ashmead Road, Keynsham, BRISTOL Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 11529 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 26th July 1990 Revocation Date: Not Supplied Discharge Type: Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Licence Status: Lapsed, Revoked Or Cancelled Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SW (S)	188	2	366590 168400
3	Discharge Consents Operator: Tavr Centre Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Tavr Centre, Ashmead Road, Keynsham, Bristol, Bs31 1sx Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 011529 Permit Version: 1 Effective Date: 26th July 1990 Issued Date: Not Supplied Revocation Date: 25th March 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Un Named Stream Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6) Positional Accuracy: Located by supplier to within 100m	A13SW (S)	188	2	366595 168400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Brey Utilities Property Type: Undefined Or Other Location: Tavr Centre, Ashmead Road, Keynsham, Bristol Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 013310 Permit Version: 1 Effective Date: 25th March 1996 Issued Date: 3rd April 1996 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 100m	A13SW (S)	193	2	366590 168395
3	Discharge Consents Operator: Tavra (West Wesssex) Property Type: Any Mod Establishment Location: Tavr Centre , Ashmead Road , Keynsham , BRISTOL Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 013310/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 25th March 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Crude Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Licence Status: Lapsed, Revoked Or Cancelled Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SW (S)	193	2	366595 168395
4	Discharge Consents Operator: Bath & North East Somerset Council Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Pixash Lane Civic Amenity Site, Pixash Lane, Keynsham, Avon Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 012311 Permit Version: 1 Effective Date: 4th January 1994 Issued Date: 10th January 1994 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Railway Brook/River Avon Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	548	2	367100 168350
4	Discharge Consents Operator: Avon County Council Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Pixash Lane Civic Amenity Site, Pixash Lane, Keynsham, Avon Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 021705 Permit Version: 1 Effective Date: 27th September 1967 Issued Date: 27th September 1967 Revocation Date: 4th January 1994 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Railway Brook/River Avon Status: Revoked: Appeal period (Water Act 1989, Schedule 12, 6 & 8) Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	572	2	367100 168300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Wessex Water Services Ltd Property Type: Not Given Location: Keynsham Sewage Treatment Works, Keynsham, BRISTOL Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 11777 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 14th July 1992 Revocation Date: Not Supplied Discharge Type: Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Bristol Avon, Licence Status: Lapsed, Revoked Or Cancelled Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	567	2	366145 168915
5	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham, Sewage Treatment Works Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 011777 Permit Version: 2 Effective Date: 13th December 2000 Issued Date: 28th July 1992 Revocation Date: 31st December 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Bristol Avon(S) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	574	2	366140 168920
5	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham, Sewage Treatment Works Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 011777 Permit Version: 2 Effective Date: 13th December 2000 Issued Date: 28th July 1992 Revocation Date: 31st December 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Bristol Avon(S) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	574	2	366140 168920
5	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham, Sewage Treatment Works Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 011777 Permit Version: 2 Effective Date: 13th December 2000 Issued Date: 28th July 1992 Revocation Date: 31st December 2004 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Bristol Avon(S) Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	574	2	366140 168920

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham, Sewage Treatment Works Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 011777 Permit Version: 1 Effective Date: 14th July 1992 Issued Date: 28th July 1992 Revocation Date: 12th December 2000 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Bristol Avon Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	574	2	366140 168920
5	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham, Sewage Treatment Works Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 011777 Permit Version: 1 Effective Date: 14th July 1992 Issued Date: 28th July 1992 Revocation Date: 12th December 2000 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Bristol Avon Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	574	2	366140 168920
5	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham, Sewage Treatment Works Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 011777 Permit Version: 1 Effective Date: 14th July 1992 Issued Date: 28th July 1992 Revocation Date: 12th December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Bristol Avon Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	574	2	366140 168920
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 6 Effective Date: 1st January 2017 Issued Date: 30th December 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 6 Effective Date: 1st January 2017 Issued Date: 30th December 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 5 Effective Date: 1st May 2014 Issued Date: 1st May 2014 Revocation Date: 31st December 2016 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 5 Effective Date: 1st May 2014 Issued Date: 1st May 2014 Revocation Date: 31st December 2016 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 4 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 30th April 2014 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 4 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 30th April 2014 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 3 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 3 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 1 Effective Date: 1st January 2005 Issued Date: 13th December 2003 Revocation Date: 6th April 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 1 Effective Date: 1st January 2005 Issued Date: 13th December 2003 Revocation Date: 6th April 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 2 Effective Date: 7th April 2005 Issued Date: 13th December 2003 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910
5	Discharge Consents Operator: Wessex Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham Waste Water Treatment Wrks, Broadmead Lane, Keynsham, Bristol, Bs31 1nh Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102362 Permit Version: 2 Effective Date: 7th April 2005 Issued Date: 13th December 2003 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon(S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	601	2	366100 168910
6	Discharge Consents Operator: St Regis Paper Co Ltd Property Type: Pulp, Paper & Board Location: Drg Paper & Board, Keynsham Mills, Keynsham, Bristol, Bs31 2ug Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 010441 Permit Version: 1 Effective Date: 31st August 1990 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Avon Status: Revised Consent, by Notice (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	576	2	366200 168995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: St Regis Paper Co Ltd Property Type: MAKING OF PAPER+PAPER PRODUCTS Location: Drg Paper & Board, Keynsham Mills, Keynsham, Bristol, Bs31 2ug Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 010441 Permit Version: 2 Effective Date: 19th January 1998 Issued Date: Not Supplied Revocation Date: 30th May 2001 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Avon Status: Revised Consent, by Notice (Section 37(1)) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	625	2	366040 168850
7	Discharge Consents Operator: St Regis Paper Co Ltd Property Type: MAKING OF PAPER+PAPER PRODUCTS Location: Drg Paper & Board, Keynsham Mills, Keynsham, Bristol, Bs31 2ug Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 010441 Permit Version: 3 Effective Date: 31st May 2001 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Avon Status: Revised Consent, by Notice (Section 37(1)) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	625	2	366040 168850
7	Discharge Consents Operator: St Regis Paper Co Ltd Property Type: MAKING OF PAPER+PAPER PRODUCTS Location: Drg Paper & Board, Keynsham Mills, Keynsham, Bristol, Bs31 2ug Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 010441 Permit Version: 1 Effective Date: 31st August 1990 Issued Date: Not Supplied Revocation Date: 18th January 1998 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Avon Status: Revised Consent, by Notice (Section 37(1)) Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	625	2	366040 168850
8	Discharge Consents Operator: Cavalcade Properties Ltd Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Broadmead Lane Industrial Estate, Keynsham, Somerset, Bs18 1st Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 100714 Permit Version: 1 Effective Date: 22nd October 1998 Issued Date: 18th December 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	666	2	366550 169250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: British Waterways Marinas Limited Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Portavon Marina, Keynsham Road, Keynsham, Bristol, Bs31 2dd Authority: Environment Agency, South West Region Catchment Area: Not Supplied Reference: Eprtb3435aw Permit Version: 1 Effective Date: 12th April 2013 Issued Date: 12th April 2013 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Avon Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	748	2	365972 168983
9	Discharge Consents Operator: Young & Co Brewery Plc Property Type: HOLIDAY ACCOM/CAMP SITE/CARAVAN SITE/HOTEL/HOSTEL Location: Lock Keeper Public House, Keynsham Road, Keynsham, Bristol, Bs31 2dd Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102119 Permit Version: 1 Effective Date: 17th February 2003 Issued Date: 17th February 2003 Revocation Date: Not Supplied Discharge Type: Sewage And Trade Combined - Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	772	2	365920 168940
9	Discharge Consents Operator: Mr A Formosa Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Boat House Lock Keeper Inn, Keynsham Road, Keynsham, Bristol, Bs18 2dd Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 010505 Permit Version: 1 Effective Date: 1st January 1989 Issued Date: Not Supplied Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Avon, River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	774	2	365940 168980
10	Discharge Consents Operator: Wessex Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Abbey Park Pumping Station, Keynsham, Bristol, Avon Authority: Environment Agency, South West Region Catchment Area: Chew Reference: 013094 Permit Version: 1 Effective Date: 30th September 1996 Issued Date: 23rd October 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Chew Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (W)	896	2	365730 168770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Wessex Water Services Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Abbey Park Pumping Station, Keynsham, Bristol, Avon Authority: Environment Agency, South West Region Catchment Area: Chew Reference: 021707 Permit Version: 1 Effective Date: 17th May 1993 Issued Date: 17th May 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Chew Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m	A12NW (W)	919	2	365710 168790
11	Discharge Consents Operator: Wessex Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Keynsham High Level Ps, Memorial Park, Keynsham, Bristol, Bs31 1lp Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102126 Permit Version: 1 Effective Date: 31st December 2003 Issued Date: 31st July 2003 Revocation Date: 30th March 2017 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Chew (S) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (W)	897	2	365710 168590
11	Discharge Consents Operator: Wessex Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Keynsham High Level Ps, Memorial Park, Keynsham, Bristol, Bs31 1lp Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102126 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: Receiving Water: River Chew Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SW (W)	902	2	365705 168585
11	Discharge Consents Operator: Wessex Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Keynsham High Level Ps, Memorial Park, Keynsham, Bristol, Bs31 1lp Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 102126 Permit Version: 2 Effective Date: 31st March 2017 Issued Date: 15th March 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Chew Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SW (W)	902	2	365705 168585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: Wessex Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Keynsham, Sewage Treatment Works Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Middle Reach Reference: 010618 Permit Version: 1 Effective Date: 31st October 1989 Issued Date: Not Supplied Revocation Date: 30th December 2003 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Chew Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A12SW (W)	911	2	365700 168500
12	Discharge Consents Operator: Wessex Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Keynsham Low Level Ps, Memorial Park, Keynsham, Bristol, Bs31 1lp Authority: Environment Agency, South West Region Catchment Area: Tidal Bristol Avon Reference: 102124 Permit Version: 1 Effective Date: 31st December 2003 Issued Date: 31st July 2003 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Chew Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SW (W)	928	2	365680 168530
13	Local Authority Pollution Prevention and Controls Name: Geco Lift Trucks Ltd Location: Unit 1 Unity Court, Broadmead Lane, KEYNSHAM, BS31 1ST Authority: Bath and North East Somerset Council, Environmental Health Department Permit Reference: EPA 85 Dated: 1st October 2000 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	297	3	366370 168407
14	Local Authority Pollution Prevention and Controls Name: Elf Oil Uk Ltd Location: Grove Service Station, 230-234 Bath Road, Bristol, Avon, BS31 1TN Authority: Bath and North East Somerset Council, Environmental Health Department Permit Reference: 058 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	787	3	367100 167975
15	Local Authority Pollution Prevention and Controls Name: Chandag Service Station Location: 20 Bath Road, Keynsham, BRISTOL, BS31 1NN Authority: Bath and North East Somerset Council, Environmental Health Department Permit Reference: 076 Dated: 13th January 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	796	3	365893 168234
16	Local Authority Pollution Prevention and Controls Name: Somerfield Service Station Location: Bath Road, Keynsham, BRISTOL, BS31 1TN Authority: Bath and North East Somerset Council, Environmental Health Department Permit Reference: 072 Dated: 13th January 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	874	3	367175 167924
	Nearest Surface Water Feature	A13NE (E)	37	-	366640 168600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Pollution Incidents to Controlled Waters Property Type: Transport, Storage, Communications: Road Location: Keynsham, BRISTOL, North East Somerset Authority: Environment Agency, South West Region Pollutant: Other Pollutant Note: Not Supplied Incident Date: 10th May 1999 Incident Reference: 41182 Catchment Area: Mid Avon Catchment Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A13SW (SW)	141	2	366500 168495
18	Pollution Incidents to Controlled Waters Property Type: Boats (Freshwater) Location: Conf With Boyd-Conf With Chew, KEYNSHAM Authority: Environment Agency, South West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 4th August 1996 Incident Reference: 17189 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Pollution Risk: Water Quality Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	998	2	365800 168000
18	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Storm Overflow Location: Conf With Boyd-Conf With Chew, KEYNSHAM Authority: Environment Agency, South West Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 24th September 1996 Incident Reference: 18110 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Pollution Risk: Integrated Pollution Control Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	1000	2	365800 167995
19	Prosecutions Relating to Authorised Processes Location: Land At Avon Valley Country Park, Pixash Lane, Keynsham Prosecution Text: Depositing controlled waste on land without a WML Prosecution Act: Epa90 S33(1)(A) Hearing Date: 7th June 2004 Verdict: Guilty Fine: 400 Costs: 870 Positional Accuracy: Manually positioned within the geographical locality	A14NW (E)	547	2	367141 168699
20	Prosecutions Relating to Authorised Processes Location: Brassmill, Avon Mill Lane, KEYNSHAM, Avon, BS18 Prosecution Text: EA News Release 21/07/1997 (Case 1 of 4), Illegally dumping waste on four sites in the south-west and failing to obtain registration as a carrier of waste. Given a six month prison sentence. Prosecution Act: EPA90 Hearing Date: 21st July 1997 Verdict: Guilty Fine: 0 Costs: 0 Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	784	2	365856 168813
	River Quality Name: Avon GQA Grade: River Quality B Reach: Conf With Boyd-Conf With Chew Estimated Distance (km): 2.7 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A14NW (NE)	455	2	366947 168888
	River Quality Name: Avon GQA Grade: River Quality B Reach: Conf With Chew-Conf With Siston Bk Estimated Distance (km): .8 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A12NW (W)	734	2	365897 168776

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Chew GQA Grade: River Quality B Reach: Chewton Keynsham-Conf With Avon Estimated Distance (km): 5.4 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A12NW (W)	734	2	365897 168776
21	River Quality Biology Sampling Points Name: Chew Reach: Confluence With Chew To Confluence With Siston Brook Estimated Distance: 0.80 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 1995 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2003 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2004 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2005 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2006 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2007 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2008 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2009 GQA Grade: River Quality Biology GQA Grade A - Very Good	A12NW (W)	865	2	365800 168900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	River Quality Chemistry Sampling Points Name: Avon Reach: Confluence With Boyd To Confluence With Chew Estimated Distance: 2.70 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied	A17SE (NW)	606	2	366163 169000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	River Quality Chemistry Sampling Points Name: Avon Reach: Confluence With Chew To Confluence With Siston Bk Estimated Distance: 0.80 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied	A17SE (NW)	606	2	366163 169000
23	Substantiated Pollution Incident Register Authority: Environment Agency - South West Region, Wessex Area Incident Date: 30th October 2002 Incident Reference: 117669 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: General Biodegradable Materials And Wastes: Food And Drink Pollutant: Inert : Construction / Demolition Material Pollutant: Specific Waste Materials: Metal Wastes	A13SE (SE)	345	2	366892 168395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Water Abstractions Operator: Mr J F D Douglas Licence Number: 17/53/001/S/408 Permit Version: 101 Location: River Avon Authority: Environment Agency, South West Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: To St670689; River Avon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	504	2	367000 168900
25	Water Abstractions Operator: SAPPI(UK) LTD Licence Number: 175301S067 Permit Version: Not Supplied Location: Sappi(Uk) Ltd, Keynsham Mill, Keynsham, BRISTOL, Somerset Authority: Environment Agency, South West Region Abstraction: Paper Making Abstraction Type: Not Supplied Source: River Daily Rate (m3): 21000 Yearly Rate (m3): 6969000 Details: Expired: 06-Jul-1994; Cooling; River Avon Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	573	2	366205 168995
25	Water Abstractions Operator: Sappi(Uk) Ltd Licence Number: 175301S067 Permit Version: Not Supplied Location: Sappi(Uk) Ltd, Keynsham Mill, Keynsham, BRISTOL, Somerset Authority: Environment Agency, South West Region Abstraction: Paper Making Abstraction Type: Not Supplied Source: River Daily Rate (m3): 21000 Yearly Rate (m3): 6969000 Details: Expired: 06-Jul-1994; Process; River Avon Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	576	2	366205 169000
25	Water Abstractions Operator: Sappi(Uk) Ltd Licence Number: 175301S067 Permit Version: Not Supplied Location: Sappi(Uk) Ltd, Keynsham Mill, Keynsham, BRISTOL Authority: Environment Agency, South West Region Abstraction: Paper Making Abstraction Type: Not Supplied Source: River Daily Rate (m3): 1800 Yearly Rate (m3): 600000 Details: Expired: 06-Jul-94 Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	584	2	366200 169005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Water Abstractions Operator: St Regis Paper Company Ltd Licence Number: 17/53/001/S/451 Permit Version: 101 Location: River Avon At Keynsham Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	601	2	366170 169000
25	Water Abstractions Operator: St Regis Paper Company Ltd Licence Number: 17/53/001/S/451 Permit Version: 101 Location: River Avon At Keynsham Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	601	2	366170 169000
25	Water Abstractions Operator: St Regis Paper Company Ltd Licence Number: 17/53/001/S/451 Permit Version: 100 Location: River Avon At Keynsham Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Avon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 15th April 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	601	2	366170 169000
25	Water Abstractions Operator: St Regis Paper Company Ltd Licence Number: 17/53/001/S/451 Permit Version: 100 Location: River Avon At Keynsham Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 15th April 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	601	2	366170 169000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Water Abstractions Operator: Whitbread Plc Licence Number: 17/53/001/S/453 Permit Version: 100 Location: River Avon At Keynsham Authority: Environment Agency, South West Region Abstraction: Hotels, Public Houses and Conference centres: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 432 Yearly Rate (m3): 2800 Details: River Avon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	669	2	365980 168820
26	Water Abstractions Operator: Whitbread Plc Licence Number: 17/53/001/S/453 Permit Version: 100 Location: River Avon At Keynsham Authority: Environment Agency, South West Region Abstraction: Hotels, Public Houses and Conference centres: Lake & Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Avon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	669	2	365980 168820
27	Water Abstractions Operator: Whitbread Plc Licence Number: 175301S453 Permit Version: Not Supplied Location: River Avon, Monson Avenue, CHELTENHAM, Gloucestershire, GL50 4EL Authority: Environment Agency, South West Region Abstraction: Amenity Abstraction Type: Not Supplied Source: River Daily Rate (m3): 432 Yearly Rate (m3): 2800 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NW (W)	732	2	365905 168795
28	Water Abstractions Operator: Cadbury Trebor Bassett Ltd Licence Number: 17/53/001/G/046 Permit Version: 101 Location: Cadbury Ranney Collector Authority: Environment Agency, South West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Somerdale, Bristol Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	985	2	365870 169240

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Water Abstractions Operator: Cadbury Trebor Bassett Ltd Licence Number: 17/53/001/G/046 Permit Version: 101 Location: Cadbury Ranney Collector Authority: Environment Agency, South West Region Abstraction: Food And Drink: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Somerdale, Bristol Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	985	2	365870 169240
28	Water Abstractions Operator: Cadbury Trebor Bassett Ltd Licence Number: 17/53/001/G/046 Permit Version: 101 Location: Cadbury Ranney Collector Authority: Environment Agency, South West Region Abstraction: Food & Drink: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Somerdale, Bristol Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	985	2	365870 169240
29	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Ranney Collector Authority: Environment Agency, South West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	997	2	365905 169295
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Ranney Collector Authority: Environment Agency, South West Region Abstraction: Food & Drink: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1001	2	365900 169295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Ranney Collector Authority: Environment Agency, South West Region Abstraction: Food And Drink: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	1004	2	365900 169300
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Ranney Collector Authority: Environment Agency, South West Region Abstraction: Food And Drink: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1004	2	365900 169300
	Water Abstractions Operator: Cadbury Trebor Bassett Ltd Licence Number: 17/53/001/S/046 Permit Version: 101 Location: Cadbury River Avon Intake Authority: Environment Agency, South West Region Abstraction: Food And Drink: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Somerdale, Keynsham Authorised Start: 31 March Authorised End: 01 April Permit Start Date: 26th January 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	1068	2	365860 169350
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/S/046 Permit Version: 100 Location: River Avon Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Avon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1070	2	365805 169295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/S/046 Permit Version: 100 Location: River Avon Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	1074	2	365800 169295
	Water Abstractions Operator: Bath & North East Somerset Council Licence Number: 17/53/014/S/076 Permit Version: 101 Location: River Chew Authority: Environment Agency, South West Region Abstraction: Municipal Grounds: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (W)	1078	2	365600 168200
	Water Abstractions Operator: Wansdyke Council Licence Number: 17/53/014/S/076 Permit Version: 100 Location: River Chew Authority: Environment Agency, South West Region Abstraction: Municipal Grounds: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Chew Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 27th September 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (W)	1080	2	365600 168195
	Water Abstractions Operator: J F P Douglas Licence Number: 17/53/001/G/172 Permit Version: 100 Location: Keysham Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15SW (E)	1110	2	367700 168400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole Authority: Environment Agency, South West Region Abstraction: Food And Drink: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1366	2	365505 169395
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole Authority: Environment Agency, South West Region Abstraction: Food And Drink: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1370	2	365500 169395
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole No 2 (Somerdale) Authority: Environment Agency, South West Region Abstraction: Food & Drink: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1373	2	365500 169400
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole No 2 (Somerdale) Authority: Environment Agency, South West Region Abstraction: Food And Drink: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1373	2	365500 169400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole No 2 (Somerdale) Authority: Environment Agency, South West Region Abstraction: Food And Drink: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1373	2	365500 169400
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole No 2 (Somerdale) Authority: Environment Agency, South West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1373	2	365500 169400
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole Authority: Environment Agency, South West Region Abstraction: Food & Drink: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1373	2	365500 169400
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole Authority: Environment Agency, South West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Well/B.Hole Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1373	2	365500 169400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: F & J Collett & Cartwright Licence Number: 17/53/014/G/023 Permit Version: 100 Location: Keynsham Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7SW (SW)	1410	2	365600 167600
	Water Abstractions Operator: Aquaterra Leisure Services Limited Licence Number: 17/53/001/G/046 Permit Version: 103 Location: Borehole At Keynsham Authority: Environment Agency, South West Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 12th July 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1418	2	365456 169415
	Water Abstractions Operator: Mondelez Uk Confectionery Production Limited Licence Number: 17/53/001/G/046 Permit Version: 102 Location: Borehole At Keynsham Authority: Environment Agency, South West Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 25th May 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1418	2	365456 169415
	Water Abstractions Operator: Cadbury Trebor Bassett Ltd Licence Number: 17/53/001/G/046 Permit Version: 101 Location: Cadbury Groundwater Authority: Environment Agency, South West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Somerdale, Bristol Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1418	2	365460 169420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cadbury Trebor Bassett Ltd Licence Number: 17/53/001/G/046 Permit Version: 101 Location: Cadbury Groundwater Authority: Environment Agency, South West Region Abstraction: Food And Drink: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Somerdale, Bristol Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1418	2	365460 169420
	Water Abstractions Operator: Cadbury Trebor Bassett Ltd Licence Number: 17/53/001/G/046 Permit Version: 101 Location: Cadbury Groundwater Authority: Environment Agency, South West Region Abstraction: Food & Drink: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Somerdale, Bristol Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1418	2	365460 169420
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole No 3 (Somerdale) Authority: Environment Agency, South West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1428	2	365505 169495
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole No 3 (Somerdale) Authority: Environment Agency, South West Region Abstraction: Food And Drink: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1431	2	365505 169500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole No 3 (Somerdale) Authority: Environment Agency, South West Region Abstraction: Food & Drink: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NW)	1432	2	365500 169495
	Water Abstractions Operator: Cadbury Limited Licence Number: 17/53/001/G/046 Permit Version: 100 Location: Borehole No 3 (Somerdale) Authority: Environment Agency, South West Region Abstraction: Food And Drink: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Avon & 2Xboreholes Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NE (NW)	1435	2	365500 169500
	Water Abstractions Operator: Avon Farm Licence Number: 17/53/001/S/353 Permit Version: 101 Location: Reach Of River Avon To The North Of Avon Farm Authority: Environment Agency, South West Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st September 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1451	2	368050 168720
	Water Abstractions Operator: J & S Holroyd Licence Number: 17/53/001/G/117 Permit Version: 100 Location: Saltford Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1798	2	368400 168700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Magna Interior Systems Ltd Licence Number: 17/53/003/G/045 Permit Version: 100 Location: Borehole, Bitton Authority: Environment Agency, South West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 5th January 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1981	2	368140 169840
	Water Abstractions Operator: Marley B M F Ltd Licence Number: 175303G045 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, South West Region Abstraction: Industrial Cooling (Miscellaneous) Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 709 Yearly Rate (m3): 185000 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SE (NE)	1990	2	368100 169900
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 37 Southern Cotswolds Scale: 1:100,000	A13NE (NE)	0	2	366606 168587
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NE)	0	1	366606 168587
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	11	2	366596 168589
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	79	2	366590 168510
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	80	2	366585 168510
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	121	2	366575 168703
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 324.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13NE (E)	38	4	366641 168600
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SE (SE)	74	4	366660 168536
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SE (SE)	75	4	366659 168534
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SE (SE)	98	4	366648 168499
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SW (SW)	142	4	366486 168513
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SE (S)	173	4	366608 168414
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SW (S)	184	4	366595 168404
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SW (W)	216	4	366400 168524
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13NW (N)	243	4	366535 168818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 445.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13NW (N)	248	4	366577 168833
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A13SW (S)	324	4	366595 168264
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	367	4	366570 168222
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	419	4	366569 168170
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A8NW (S)	419	4	366569 168170
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A8NW (S)	431	4	366576 168158
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A8NW (S)	461	4	366589 168127
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	473	4	366591 168115
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	478	4	366598 168110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	478	4	366598 168110
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A18SE (NE)	491	4	366933 168953
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18SE (NE)	491	4	366933 168953
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NE (S)	501	4	366632 168087
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 222.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18SE (NE)	506	4	366943 168963
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NE (S)	510	4	366633 168078
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 349.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SW (E)	510	4	367115 168563
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A14NW (NE)	519	4	367011 168910
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SW (SE)	540	4	367091 168350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SW (SE)	540	4	367092 168351
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SW (E)	540	4	367119 168421
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SW (E)	540	4	367124 168433
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SW (SE)	540	4	367092 168351
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SW (E)	544	4	367124 168421
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 162.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A18SE (NE)	545	4	366835 169080
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18SE (NE)	548	4	366861 169071
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17SE (NW)	553	4	366225 168986
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SW (SE)	554	4	367114 168366

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18SE (NE)	554	4	366846 169086
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14NW (E)	557	4	367151 168700
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18SE (NE)	561	4	366834 169099
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 260.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18SE (NE)	561	4	366834 169099
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18SW (N)	572	4	366481 169144
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12NE (NW)	586	4	366066 168812
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	590	4	366550 168000
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14NW (E)	594	4	367170 168771
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A17SE (NW)	596	4	366188 169011

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 121.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A18SE (N)	598	4	366720 169173
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A18SE (N)	598	4	366720 169173
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14NW (E)	598	4	367173 168775
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 247.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NE (S)	604	4	366735 167997
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 125.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18SE (N)	605	4	366734 169178
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A17SE (NW)	613	4	366109 168943
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	620	4	366554 167970
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18SW (N)	621	4	366380 169164
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 323.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A12NE (NW)	622	4	366072 168905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 2	A12NE (NW)	622	4	366072 168905
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	622	4	366553 167967
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 285.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A17SE (NW)	624	4	366158 169021
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A18SW (N)	624	4	366379 169168
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A18SW (N)	624	4	366379 169168
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14NW (E)	628	4	367196 168801
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A12NE (NW)	637	4	366030 168858
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18SW (N)	645	4	366372 169188
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 605.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SW (SE)	651	4	367193 168306

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 790.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A14NW (E)	654	4	367218 168816
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A18SW (N)	656	4	366447 169223
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A18SW (N)	657	4	366444 169222
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 169.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A12NE (NW)	662	4	366000 168852
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18SW (N)	666	4	366434 169230
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	673	4	366516 167920
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8NW (S)	673	4	366516 167920
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 2	A18NW (N)	681	4	366596 169267
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18NW (N)	695	4	366548 169279

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18NE (N)	697	4	366669 169281
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A18NW (N)	698	4	366570 169283
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 193.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SW (S)	732	4	366577 167856
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 413.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A19SW (NE)	757	4	367017 169222
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A19SW (NE)	757	4	367017 169222
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 172.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A19SW (NE)	761	4	367019 169225
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (SE)	809	4	366918 167842
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 290.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (SE)	809	4	366918 167842
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A9NW (SE)	814	4	367171 168001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	818	4	366904 167825
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 471.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chew Catchment Name: Avon Bristol Primacy: 1	A17SW (NW)	820	4	365882 168971
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A17SW (NW)	820	4	365882 168971
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	893	4	366660 167696
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 345.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	893	4	366660 167696
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chew Catchment Name: Avon Bristol Primacy: 1	A12SW (W)	902	4	365705 168575
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chew Catchment Name: Avon Bristol Primacy: 2	A12NW (W)	912	4	365695 168608
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A19NW (NE)	913	4	367008 169406
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A19NW (NE)	920	4	367044 169396

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A19NW (NE)	921	4	367046 169395
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A19NW (NE)	924	4	367059 169392
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 817.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Avon Catchment Name: Avon Bristol Primacy: 1	A17SW (NW)	927	4	365843 169113
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A12SW (W)	944	4	365662 168564
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 2	A12SW (W)	951	4	365657 168538
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chew Catchment Name: Avon Bristol Primacy: 1	A12SW (W)	952	4	365656 168532
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 536.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A19SE (NE)	973	4	367415 169127
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12SW (W)	975	4	365639 168467
128	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	979	4	366885 167648

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	981	4	366886 167647
130	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	981	4	366886 167647
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Chew Catchment Name: Avon Bristol Primacy: 1	A12SW (W)	982	4	365634 168450
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A8SE (S)	983	4	366885 167645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	BGS Recorded Landfill Sites Site Name: Pareed no 335 Location: Stidham Lane, Keynsham, BRISTOL, Avon Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Derived	A13SE (SE)	101	-	366674 168513
134	BGS Recorded Landfill Sites Site Name: Broadmead Location: Unity Rd, Keynsham, BRISTOL, Avon Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Derived	A13NW (NW)	352	-	366344 168821
135	BGS Recorded Landfill Sites Site Name: Henly's (Bristol) Ltd Location: Broadmead, KEYNSHAM, Avon Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Manually positioned within the geographical locality Boundary Accuracy: Not Applicable	A18SW (N)	598	-	366401 169148
136	Historical Landfill Sites Licence Holder: Not Supplied Location: Off Broadmead Lane Name: Stidham Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD32437 First Input Date: 1st September 1972 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1797 Other Ref: Not Supplied	A13SE (SE)	93	2	366667 168517
137	Historical Landfill Sites Licence Holder: Messrs Taylor Brothers Limited Location: Keynsham, Bristol, Avon Name: Broadmeads Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09211 First Input Date: 31st December 1920 Last Input Date: 23rd August 1987 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0100/0003 BGS Ref: Not Supplied Other Ref: L/WK/T/3	A18SW (N)	600	2	366523 169180
138	Historical Landfill Sites Licence Holder: Messrs Taylor Brothers Limited Location: Keynsham, Bristol, Avon Name: Broadmeads Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09062 First Input Date: 31st December 1920 Last Input Date: 23rd August 1987 Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0100/0003 BGS Ref: Not Supplied Other Ref: L/WK/T/3	A18SE (N)	610	2	366638 169195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	Historical Landfill Sites Licence Holder: Messrs Taylor Brothers Limited Location: Broadmead Lane, Keynsham, Bristol Name: Broadmeads Lane Industrial Estate Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09204 First Input Date: 31st December 1920 Last Input Date: 23rd August 1987 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0100/0003 BGS Ref: Not Supplied Other Ref: L/WK/T/3	A18SW (N)	653	2	366592 169240
140	Historical Landfill Sites Licence Holder: Not Supplied Location: Broadmead, Keynsham, Avon Name: Henlys (Bristol) Limited Operator Location: Bristol Boundary Accuracy: As Supplied Provider Reference: EAHLD32216 First Input Date: 30th March 1969 Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1798 Other Ref: Not Supplied	A17SE (NW)	692	2	366232 169169
141	Historical Landfill Sites Licence Holder: Wimpey Construction Limited Location: Keynsham, Bristol Name: Old Quarry Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09127 First Input Date: 26th January 1982 Last Input Date: 18th May 1982 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0100/0118 BGS Ref: Not Supplied Other Ref: L/KW/T/118	A17SE (NW)	727	2	366254 169223
142	Historical Landfill Sites Licence Holder: R H Clapp Location: Keynsham Road, south of Bristol, Avon Name: Old Tramway Adjoining Keynsham Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09081 First Input Date: 31st December 1976 Last Input Date: 19th December 1978 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0100/0035 BGS Ref: Not Supplied Other Ref: L/KW/T/35	A18NW (N)	817	2	366574 169402
143	Historical Landfill Sites Licence Holder: Cadbury Limited Location: Somerdale, Keynsham, Bristol, Avon Name: Somerdale Landfill Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09152 First Input Date: 1st March 1984 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 27240 Regis Ref: EM1/L/CAD149 WRC Ref: 0100/0149 BGS Ref: Not Supplied Other Ref: L/WK/T/149	A17SW (NW)	993	2	365751 169091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
144	Licensed Waste Management Facilities (Landfill Boundaries) Name: Keynsham Paper Mill Paper Sludge Treatment Lagoon & Landfill Site Licence Number: 27250 Location: Keynsham Paper Mill, Land / Premises At, Keynsham, Bristol, Avon, BS18 1LB Licence Holder: St Regis Paper Ltd Authority: Environment Agency - South West Region, Wessex Area Site Category: Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Issued Issued: 16th January 1979 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A12NE (NW)	433	2	366229 168799
145	Licensed Waste Management Facilities (Locations) Licence Number: 101275 Location: Land/premises At, Unity Road, Keynsham, Bristol, Avon, BS31 1NH Operator Name: Wessex Water Services Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Sewage sludge treatment Licence Status: Issued Issued: 8th April 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	A13NW (NW)	238	2	366451 168766
146	Licensed Waste Management Facilities (Locations) Licence Number: 26080 Location: Unit 23 Wansdyke Workshops Industrial Estate, Unity Road, Keynsham, Bristol, Avon, BS31 1NH Operator Name: Britannia Catalysts Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Revoked Issued: 22nd June 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: 7th September 2010 Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	368	2	366256 168699
147	Licensed Waste Management Facilities (Locations) Licence Number: 26157 Location: Unit 4, Ashmead Road, Keynsham, Bristol, Avon, BS31 1SX Operator Name: Bath And North East Somerset Council Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Special Waste Transfer Stations Licence Status: Transferred Issued: 25th January 2005 Last Modified: 4th March 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	383	2	366937 168394
148	Licensed Waste Management Facilities (Locations) Licence Number: 27250 Location: Land / Premises At, Keynsham, Bristol, Avon, BS18 1LB Operator Name: St Regis Paper Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Industrial Waste Landfills Licence Status: Issued Issued: 16th January 1979 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	A12NE (W)	519	2	366100 168700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Licensed Waste Management Facilities (Locations) Licence Number: 27197 Location: Land/premises At, Pixash Lane, Keynsham, Bristol, Avon, BS31 1TP Operator Name: Bath And North East Somerset Council Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Household Waste Amenity Sites Licence Status: Modified Issued: 13th August 1993 Last Modified: 28th April 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	572	2	367100 168300
150	Licensed Waste Management Facilities (Locations) Licence Number: 100490 Location: Broadmead, Keynsham, Bristol, Avon, BS31 1ST Operator Name: Batemans Skip Hire Limited Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 17th October 2008 Last Modified: 4th September 2014 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	592	2	366472 169163
151	Licensed Waste Management Facilities (Locations) Licence Number: 26123 Location: 12 Broadmead Lane, Keynsham, Bristol, Avon, BS31 1ST Operator Name: Cole Lee Michael Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: End of Life Vehicles Licence Status: Issued Issued: 28th June 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	A18SW (N)	644	2	366600 169230
152	Licensed Waste Management Facilities (Locations) Licence Number: 27172 Location: Land/premises At, Bitton Road, Keynsham, Bristol, Avon, BS31 2DE Operator Name: Russell S D Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: End of Life Vehicles Licence Status: Surrendered Issued: 17th August 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 21st November 2014 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	721	2	366100 169100
	Local Authority Landfill Coverage Name: Bath and North East Somerset Unitary Council - Has supplied landfill data		0	5	366606 168587
	Local Authority Landfill Coverage Name: South Gloucestershire Unitary Council - Has supplied landfill data		509	6	366962 168949

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: Not Supplied Authority: Bath and North East Somerset Council, Planning Services Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NW (NW)	359	5	366340 168827
154	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: Not Supplied Authority: Bath and North East Somerset Council, Planning Services Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A17SE (NW)	697	5	366245 169183
155	Local Authority Recorded Landfill Sites Location: Stidham Farm, Keynsham Reference: Not Supplied Authority: Bath and North East Somerset Council, Planning Services Department Last Reported Status: Unknown Types of Waste: Household Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A14SE (E)	747	5	367352 168584
156	Local Authority Recorded Landfill Sites Location: Kellings Quarry, Wellsway, Keynsham Reference: 64573/4 Authority: Bath and North East Somerset Council, Planning Services Department Last Reported Status: Unknown Types of Waste: Clay, Soil, Builders Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A7NW (SW)	812	5	365901 168184
157	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A17SE (NW)	686	-	366236 169164
158	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1905	A12SW (W)	712	-	365922 168393
159	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1961	A14SE (E)	760	-	367361 168502
160	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1905	A14SE (E)	840	-	367444 168528
161	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A7NW (SW)	841	-	365892 168144
162	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A7NW (SW)	867	-	365841 168181
163	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1887	A18NW (N)	952	-	366418 169519

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	Registered Landfill Sites Licence Holder: St Regis Paper Co Ltd Licence Reference: L/WK/T/ 46A Site Location: Keynsham Paper Mill, Keynsham, Bristol, Avon Licence Easting: 366200 Licence Northing: 168900 Operator Location: 16 Great Peter Street, LONDON, Greater London, SW1P 2BX Authority: Environment Agency - South West Region, North Wessex Area Site Category: Landfill - with lagoon Max Input Rate: Undefined Waste Source: Only waste produced on site Restrictions: Status: Operational as far as is knownOperational Dated: 24th April 1996 Preceded By: L/WK/T/ 46 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Demol/Con'N Waste Assoc.With Papermill Inert Excav.Waste/Subsoil For Cover Paper/Pulp/Cellulose Fibre Sludges Paper/Pulp/Cellulose Fibre Slurries Paper/Pulp/Cellulose Fibre Solids Semi-Dewatered Sludge From Lagoon	A12NE (NW)	513	2	366200 168900
164	Registered Landfill Sites Licence Holder: Sappi (UK) Ltd Licence Reference: L/WK/T/ 46 Site Location: Keynsham Paper Mill, Keynsham, Bristol, Avon Licence Easting: 366200 Licence Northing: 168900 Operator Location: As Site Address Authority: Environment Agency - South West Region, North Wessex Area Site Category: Landfill - with lagoon Max Input Rate: Undefined Waste Source: Only waste produced on site Restrictions: Status: Record supersededSuperseded Dated: 16th January 1979 Preceded By: Not Given Licence: Superseded By: L/WK/T/ 46A Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Calcium Carbonate Cellulose Wastes (Natural/Synth.) Construction And Demolition Wastes Excavated Natural Materials \$ Ind. Non-Haz. Inert, Non-Putresc. Ind. Non-Haz. Non-Notifiable Ind. Non-Haz. Non-Toxic Waste Pulp/Fibre From Papermaking Titanium Compounds Titanium Dioxide/Clay Mixtures	A12NE (NW)	513	2	366200 168900
165	Registered Landfill Sites Licence Holder: Taylor Brothers Ltd Licence Reference: L/WK/T/ 3 Site Location: Broadmead Lane, Keynsham, BRISTOL, Avon, BS18 1ST Licence Easting: 366500 Licence Northing: 169200 Operator Location: As Site Address Authority: Environment Agency - South West Region, North Wessex Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Only waste produced on site Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 23rd May 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Ash Construction And Demolition Wastes	A18SW (N)	623	2	366500 169200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	Registered Landfill Sites Licence Holder: Wimpey Construction Uk Ltd Licence Reference: L/KW/T/118 Site Location: Old Quarry Adj. Sydmead Bungalow, Keynsham, Bristol, Avon Licence Easting: 366240 Licence Northing: 169240 Operator Location: 515-17 Stockwood Road, Brislington, BRISTOL, Avon, BS4 5LT Authority: Environment Agency - South West Region, North Wessex Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 26th January 1982 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Constr'N/Demol. Inert/Non-Haz/Non-Tox Excavated Natural Materials \$ Prohibited Waste: Liquid Wastes	A17SE (NW)	749	2	366240 169240
167	Registered Waste Transfer Sites Licence Holder: Bristol The City Council Of Licence Reference: L/WK/P/276 Site Location: Pixash Lane, Keynsham, BRISTOL, Avon, BS18 1TX Operator Location: Brunel House, St Georges Road, BRISTOL, Avon, BS1 5UY Authority: Environment Agency - South West Region, North Wessex Area Site Category: Civic Amenity Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 13th August 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: Household Waste Prohibited Waste: Waste N.O.S.	A14SW (SE)	572	2	367100 168300
167	Registered Waste Transfer Sites Licence Holder: Avon C.C. Licence Reference: S/WK/P/ 25A Site Location: Pixash Lane, Keynsham, BRISTOL, Avon, BS18 1TX Operator Location: PO Box 87, Avon House North, BRISTOL, Avon, BS99 7SG Authority: Environment Agency - South West Region, North Wessex Area Site Category: Civic Amenity Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st October 1984 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Civic Amenity/Refuse Amenity Waste Prohibited Waste: Special Wastes Environment Agency Controlled Wastes must give specific authorisation for this waste to be acceptedWaste requires prior approval	A14SW (SE)	572	2	367100 168300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	Registered Waste Treatment or Disposal Sites Licence Holder: S D Russell Licence Reference: L/KW/P/310 Site Location: Keynsham Car Breakers, Bitton Road, Keynsham, BRISTOL, Avon, BS15 2DE Operator Location: Hill View, Upper Bristol Road, Clutton, BRISTOL, Avon, BS18 4RJ 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: 17th August 1994 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Cars/Light Com'L Vehicles/Components Prohibited Waste: Liable To Cause Environmental Hazards Liquids/Sludges Not Integral To Veh'S Waste N.O.S.	A17SE (NW)	721	2	366100 169100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Lias Group	A13NE (NE)	0	1	366606 168587
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NE (NE)	0	1	366606 168587
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	34	1	366578 168604
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 1.8 - 2.2 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (W)	48	1	366560 168575
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SE (S)	87	1	366606 168500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 120 - 180 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (SW)	95	1	366569 168500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (W)	107	1	366500 168587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (W)	112	1	366500 168553
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (SW)	138	1	366500 168500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (W)	156	1	366451 168572
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (SW)	174	1	366456 168500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NW (NW)	263	1	366500 168827
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NW (E)	394	1	367000 168587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (N)	414	1	366606 169000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	418	1	366662 169000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	514	1	367119 168567
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (S)	587	1	366606 168000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	694	1	366108 169069
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	715	1	366215 169184

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A14SE (E)	742	1	367344 168510
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A17NE (NW)	772	1	366247 169270
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NW (N)	785	1	366334 169323
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A18NE (N)	789	1	366617 169375
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A19SW (NE)	834	1	367170 169200
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 30 - 45 mg/kg Concentration:	A7NE (SW)	844	1	366000 168000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	863	1	366621 169449
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NE (N)	914	1	366606 169500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NW (N)	915	1	366564 169500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18NW (N)	917	1	366526 169500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19NW (NE)	995	1	367000 169500
169	BGS Recorded Mineral Sites Site Name: Sydenham Mead Location: Bitton, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 61459 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Rugby Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	737	1	366242 169227

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	BGS Recorded Mineral Sites Site Name: Dragonshill Location: Keynsham, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 9165 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Rugby Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12SW (W)	753	1	365880 168390
171	BGS Recorded Mineral Sites Site Name: Stidham Farm Gravel Pit Location: Keynsham, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67501 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Charmouth Mudstone Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SE (E)	830	1	367407 168369
172	BGS Recorded Mineral Sites Site Name: Wellsway Location: Keynsham, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 8143 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Jurassic Geology: Rugby Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	875	1	365835 168175
173	BGS Recorded Mineral Sites Site Name: Stidham Farm Gravel Pit Location: Keynsham, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67498 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits, 2 Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SE (E)	898	1	367501 168513
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	366606 168587
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	366606 168587
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	366606 168587
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	182	1	366481 168718

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	366606 168587
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	46	1	366595 168543
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	127	1	366713 168518
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	366606 168587
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	1	1	366605 168587
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	366606 168587
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	182	1	366481 168718
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	366606 168587
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	366606 168587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	Contemporary Trade Directory Entries Name: Jewson Location: Broadmead Lane, Keynsham, Bristol, BS31 1SA Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (S)	98	-	366578 168493
175	Contemporary Trade Directory Entries Name: Paperline Sales Ltd Location: Unit 6, Ashmead Park, Ashmead Road, Keynsham, Bristol, Avon, BS31 1SU Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	152	-	366681 168455
175	Contemporary Trade Directory Entries Name: M G M Location: Unit 6/9, Ashmead Park, Ashmead Road, Keynsham, Bristol, Avon, BS31 1SU Classification: Recycling Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	152	-	366681 168455
175	Contemporary Trade Directory Entries Name: Hygiene Warehouse Location: Unit 6, Ashmead Park, Ashmead Road, Keynsham, Bristol, BS31 1SU Classification: Hygiene & Cleansing Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	157	-	366689 168454
175	Contemporary Trade Directory Entries Name: M G M Recycling Services Location: Unit 9, Ashmead Park, Ashmead Road, Keynsham, Bristol, BS31 1SU Classification: Recycling Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	175	-	366718 168453
175	Contemporary Trade Directory Entries Name: Crown Security Shredding Location: Unit 4a Ashmead Park, Ashmead Road, Keynsham, Bristol, Avon, BS31 1SU Classification: Shredding Equipment & Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	197	-	366689 168409
175	Contemporary Trade Directory Entries Name: Loadsimpler Location: Unit 7-9, Ashmead Park, Ashmead Road, Keynsham, Bristol, BS31 1SU Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	200	-	366696 168409
176	Contemporary Trade Directory Entries Name: C N C Fluids Location: Broadmead La, Keynsham, Bristol, Avon, BS31 1ST Classification: Lubricating Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (S)	216	-	366534 168384
177	Contemporary Trade Directory Entries Name: I C Fleet Services Ltd Location: Unit 7, Unity Court, Unity Road, Keynsham, Bristol, BS31 1FU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	250	-	366379 168483
177	Contemporary Trade Directory Entries Name: Aqua-Kleen Location: Unit 6, Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Wheelie Bin Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	265	-	366372 168463
177	Contemporary Trade Directory Entries Name: Cs1 Motor Engineers Location: Unit 5, Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	272	-	366370 168453
177	Contemporary Trade Directory Entries Name: Keysham Auto Engineers Location: Unit 5, Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	272	-	366370 168453

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
178	Contemporary Trade Directory Entries Name: J P K Trade Supplies Ltd Location: Unit 1, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Polythene & Plastic Sheeting Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	252	-	366707 168356
178	Contemporary Trade Directory Entries Name: Compak South Ltd Location: Unit 2, Ashmead Road, Keynsham, BS31 1SX Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	267	-	366701 168338
178	Contemporary Trade Directory Entries Name: Glenavon Timber Treatment Location: Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Timber Preservation Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	268	-	366667 168326
178	Contemporary Trade Directory Entries Name: Garlen Fabrications Location: Ashmead Rd, Keynsham, Bristol, BS31 1SX Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (S)	268	-	366666 168326
179	Contemporary Trade Directory Entries Name: J H S Racing Ltd Location: Unit 3, Unity Court, Unity Road, Keynsham, Bristol, BS31 1FU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	286	-	366366 168433
179	Contemporary Trade Directory Entries Name: Geco Plant Services Ltd Location: Unit 1, Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	297	-	366370 168408
179	Contemporary Trade Directory Entries Name: Keynsham Service Centre Location: Unit 2, Unity Court, Broadmead Lane, Keynsham, BRISTOL, BS31 1ST Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	300	-	366362 168412
180	Contemporary Trade Directory Entries Name: Torrent Trackside Location: Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Railway Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A13SE (SE)	306	-	366826 168374
180	Contemporary Trade Directory Entries Name: Clive Farrow Printers Ltd Location: Caxton Works, Ashmead Rd, Keynsham, Bristol, BS31 1SX Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	306	-	366795 168346
180	Contemporary Trade Directory Entries Name: Blaze Woodburners Location: Unit 15, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Fireplaces & Mantelpieces Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	314	-	366861 168404
180	Contemporary Trade Directory Entries Name: Keymac Packaging Systems Ltd Location: Unit 15, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	314	-	366861 168404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
180	Contemporary Trade Directory Entries Name: Queensway Pipework Services Location: Unit 13, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Gas - Industrial & Medical Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	325	-	366854 168377
181	Contemporary Trade Directory Entries Name: Rhogar Print Finishers Location: Unit 17, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Print Finishers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	309	-	366866 168420
182	Contemporary Trade Directory Entries Name: Avon Plant Ltd Location: Unit 22, Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Classification: Plant & Machinery Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	326	-	366293 168675
182	Contemporary Trade Directory Entries Name: Phil Collins Fine Furniture Location: Unit 3-4, Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Classification: Cabinet Makers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	348	-	366267 168663
182	Contemporary Trade Directory Entries Name: Fab Weld Keynsham Location: Unit 7-8, Wansdyke Workshops, Unity Road, Keynsham, BRISTOL, BS31 1NH Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	349	-	366271 168685
182	Contemporary Trade Directory Entries Name: Sam Raine Furniture Location: Unit 2, Wansdyke Workshops/, Bristol, Avon, BS31 1ND Classification: Cabinet Makers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NE (W)	371	-	366243 168662
182	Contemporary Trade Directory Entries Name: Advanced Vehicle Services Location: Unit 16-17, Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	377	-	366258 168729
183	Contemporary Trade Directory Entries Name: Crescent Garage Location: Unit 12-13, Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	327	-	366283 168636
184	Contemporary Trade Directory Entries Name: Perfecta Ltd Location: Ashmead Business Park, Ashmead Road, Keynsham, Bristol, Avon, BS31 1SX Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	332	-	366778 168304
185	Contemporary Trade Directory Entries Name: Paul'S Auto'S Location: Unit 10b, Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	336	-	366485 168900
185	Contemporary Trade Directory Entries Name: The Bottle Co Location: Broadmead La, Keynsham, Bristol, Avon, BS31 1ST Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (NW)	374	-	366462 168931

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	Contemporary Trade Directory Entries Name: R E Olds & Co Location: Unit 9, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	347	-	366887 168384
186	Contemporary Trade Directory Entries Name: Ambur Railings Location: Unit 11, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	356	-	366907 168397
186	Contemporary Trade Directory Entries Name: Harries Automation & Control Location: Unit 2, Ashmead Industrial Estate, Ashmead Road, Keynsham, Bristol, BS31 1TU Classification: Control Panels Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	371	-	366921 168391
186	Contemporary Trade Directory Entries Name: Bamford Electronics Ltd Location: Unit 3, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	372	-	366921 168391
186	Contemporary Trade Directory Entries Name: Compak Ltd Location: Unit 3, Ashmead Business Centre, Ashmead Rd, Keynsham, Bristol, Avon, BS31 1SX Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	372	-	366921 168390
186	Contemporary Trade Directory Entries Name: P J Location: Unit 4, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, Avon, BS31 1SX Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	379	-	366915 168367
186	Contemporary Trade Directory Entries Name: May Gurney Ltd Location: Unit 4, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, Avon, BS31 1SX Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	379	-	366915 168367
186	Contemporary Trade Directory Entries Name: Durr Technik (UK) Ltd Location: Unit 5, Ashmead Business Centre, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	382	-	366913 168361
186	Contemporary Trade Directory Entries Name: Tkc Sales Ltd Location: Ashmead Ind Est, Ashmead Rd, Keynsham, Bristol, BS31 1TZ Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	382	-	366913 168360
186	Contemporary Trade Directory Entries Name: Ashmead Electrical & Wholesalers Ltd Location: Unit 5, Ashmead Business Centre, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	382	-	366913 168361

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
186	Contemporary Trade Directory Entries Name: Lifting Logic Location: Unit 5, Ashmead Business Centre, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	383	-	366913 168359
186	Contemporary Trade Directory Entries Name: Perfecta Ltd Location: Unit 5, Ashmead Business Centre, Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	383	-	366913 168359
186	Contemporary Trade Directory Entries Name: Jpk Ltd Location: Unit 1, Ashmead Business Park, Ashmead Road, Keynsham, Bristol, Avon, BS31 1SX Classification: Polythene & Plastic Sheeting Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	385	-	366938 168394
186	Contemporary Trade Directory Entries Name: Stir Location: Unit 5, Ashmead Industrial Estate, Ashmead Road, Keynsham, Bristol, BS31 1TU Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	413	-	366963 168380
186	Contemporary Trade Directory Entries Name: Bremskerl Location: Unit 4b, Ashmead Industrial Estate, Ashmead Road, Keynsham, Bristol, BS31 1TU Classification: Brake & Clutch Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	421	-	366958 168357
187	Contemporary Trade Directory Entries Name: I J McGill Transport Location: Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (W)	349	-	366276 168475
188	Contemporary Trade Directory Entries Name: Unity Engineering Services Location: Unit 18, Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Classification: Machine Shops Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (NW)	389	-	366257 168758
188	Contemporary Trade Directory Entries Name: T J P Classic Services Location: Unit 14 Wansdyke Workshops, Unity Rd, Keynsham, Bristol, BS31 1NH Classification: Classic Car Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	397	-	366250 168760
189	Contemporary Trade Directory Entries Name: Sparrow Crane Hire Ltd Location: Ashmead Road, Keynsham, BRISTOL, BS31 1SX Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	398	-	366889 168307
189	Contemporary Trade Directory Entries Name: Sparrow Training Solutions Location: Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Crane Hire, Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	398	-	366889 168307
189	Contemporary Trade Directory Entries Name: Sparrow Crane Hire Location: Ashmead Road, Keynsham, BRISTOL, BS31 1SX Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	398	-	366889 168307

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	Contemporary Trade Directory Entries Name: Dairy Crest Location: Ashmead Road, Keynsham, Bristol, BS31 1SX Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	427	-	366854 168239
190	Contemporary Trade Directory Entries Name: A B Fluid Power Ltd Location: Unit 6/7, Pixash Business Centre, Pixash Lane, Keynsham, Bristol, BS31 1TP Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	440	-	366895 168256
190	Contemporary Trade Directory Entries Name: Sarik Vacform Location: Unit 8/9, Pixash Business Centre, Pixash Lane, Keynsham, Bristol, Avon, BS31 1TP Classification: Plastics - Vacuum Forming Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (SE)	450	-	366894 168242
190	Contemporary Trade Directory Entries Name: Ridgemill Business Systems Ltd Location: Unit 8-11, Pixash Business Centre, Pixash Lane, Keynsham, BRISTOL, BS31 1TP Classification: Copying & Duplicating Machines & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	450	-	366894 168242
191	Contemporary Trade Directory Entries Name: Bristol Bottle Co Location: Unit 1/2, Ashmead Industrial Estate, Ashmead Road, Keynsham, Bristol, Avon, BS31 1TZ Classification: Bottle Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	437	-	366945 168312
192	Contemporary Trade Directory Entries Name: Salix Cleaning & Domestic Services Ltd Location: Pixash La, Keynsham, Bristol, Avon, BS31 1TP Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	492	-	366948 168234
192	Contemporary Trade Directory Entries Name: Cold Room & Cabinet Fabric Services Location: Avon Valley Business Park, Pixash La, Keynsham, Bristol, Avon, BS31 1TP Classification: Refrigerators & Freezers - Servicing & Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	492	-	366948 168234
192	Contemporary Trade Directory Entries Name: Bristol & Bath Car Services Location: Unit 2 Pixash Lane, Keynsham, Bristol, Avon, BS31 1TP Classification: Brake & Clutch Service Centres Status: Active Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	498	-	366955 168232
192	Contemporary Trade Directory Entries Name: The Bottle Company South Ltd Location: Unit 1, Pixash Business Centre, Pixash Lane, Keynsham, Bristol, BS31 1TP Classification: Packaging Materials Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	512	-	366967 168224
193	Contemporary Trade Directory Entries Name: The Chemical Solution Co Location: Bath Rd, Keynsham, Bristol, Avon, BS31 1SP Classification: Chemicals - Distributors & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SE (SW)	493	-	366232 168266
194	Contemporary Trade Directory Entries Name: Huggett Automation & Control Location: Unit 4, Pixash Works, Pixash Lane, Keynsham, Bristol, BS31 1TR Classification: Control Panels Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	495	-	367021 168317

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	Contemporary Trade Directory Entries Name: Beaufort Bespoke Kitchens Location: Unit 1, Pixash Works, Pixash Lane, Keynsham, Bristol, BS31 1TR Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	495	-	367021 168317
194	Contemporary Trade Directory Entries Name: Fourth Dimension Location: Unit 4, Pixash Works, Pixash Lane, Keynsham, Bristol, BS31 1TR Classification: Wood Products, Except Furniture - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	504	-	367032 168319
195	Contemporary Trade Directory Entries Name: Rema M & E Services Ltd Location: Wessex House, Pixash Lane, Keynsham, Bristol, BS31 1TX Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	561	-	366969 168160
195	Contemporary Trade Directory Entries Name: Rocktron Location: Wessex House, Pixash Lane, Keynsham, Bristol, BS31 1TP Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	561	-	366969 168160
196	Contemporary Trade Directory Entries Name: Robbin Engineering Ltd Location: Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Tungsten Tool Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	574	-	366611 169160
197	Contemporary Trade Directory Entries Name: Legacy Windows Location: Unit 9 Broadmead Lane Industrial Estate, Keynsham, Bristol, Avon, BS31 1ST Classification: Aluminium Fabricators Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	576	-	366545 169159
197	Contemporary Trade Directory Entries Name: F J S Autos Location: Unit 12b, Broadmead Lane, Keynsham, Bristol, Avon, BS31 1ST Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	576	-	366545 169159
197	Contemporary Trade Directory Entries Name: Avon Location: Broadmead Lane Ind Est, Broadmead La, Keynsham, Bristol, Avon, BS31 1ST Classification: Lubricant Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	576	-	366545 169159
197	Contemporary Trade Directory Entries Name: R C Auto Repairs Location: Unit 10c, Broadmead Lane Ind Est, Broadmead Lane, Keynsham, Bristol, Avon, BS31 1ST Classification: Refrigeration Equipment - Commercial Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	576	-	366545 169159
197	Contemporary Trade Directory Entries Name: Furniture By Ian Fisher Location: Unit 12b Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, Avon, BS31 1ST Classification: Homefurnishings - Manufacturers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	613	-	366512 169192
197	Contemporary Trade Directory Entries Name: Mega-Branch Haulage Location: Unit 7, Broadmead Lane Ind Est, Keynsham, Bristol, Avon, BS31 1ST Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	615	-	366530 169196

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	Contemporary Trade Directory Entries Name: The Garage Location: Unit 4 & 5, Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, BS31 1ST Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	622	-	366527 169203
198	Contemporary Trade Directory Entries Name: D S Smith Recycling Location: Avon Mill Lane, Keynsham, Bristol, BS31 2UG Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	586	-	366045 168754
199	Contemporary Trade Directory Entries Name: Beemer Redeemer Location: Unit 9, Broadmead Lane Ind Est, Keynsham, Bristol, Avon, BS31 1ST Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (N)	618	-	366610 169204
199	Contemporary Trade Directory Entries Name: L M C Auto'S Garage Location: Unit 12, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	629	-	366590 169215
200	Contemporary Trade Directory Entries Name: Universal Control Systems Location: Unit 3 Broadmead Lane Indust Est, Broadmead La, Keynsham, Bristol, BS31 1ST Classification: Electrical Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	629	-	366524 169210
200	Contemporary Trade Directory Entries Name: R L L Projects Ltd Location: Unit 1, Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Boatbuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	642	-	366520 169222
200	Contemporary Trade Directory Entries Name: M & B Trucks Location: Unit 2, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	642	-	366520 169222
200	Contemporary Trade Directory Entries Name: R L L Boats Location: Unit 1, Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Boatbuilders & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	642	-	366520 169222
200	Contemporary Trade Directory Entries Name: Phoenix Boatyard Location: Unit 21, Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Boatbuilders & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	643	-	366564 169228
200	Contemporary Trade Directory Entries Name: Just Wood Location: Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, Avon, BS31 1ST Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	655	-	366519 169235
200	Contemporary Trade Directory Entries Name: Palletline Location: Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, Avon, BS31 1ST Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	655	-	366519 169235

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	Contemporary Trade Directory Entries Name: Sos Bodyworks Location: Unit 10D, Broadmead Lane Ind Est, Broadmead La, Keynsham, Bristol, Avon, BS31 1ST Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	630	-	366650 169215
201	Contemporary Trade Directory Entries Name: Keynsham Powder Coatings Location: Unit 11a, Broadmead Lane, Keynsham, Bristol, BS31 1ST Classification: Powder Coatings Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	662	-	366667 169246
202	Contemporary Trade Directory Entries Name: Micklegate Fluid Power Ltd Location: Avon Mill Lane, Keynsham, BRISTOL, BS31 2UG Classification: Hydraulic Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	642	-	365969 168660
202	Contemporary Trade Directory Entries Name: Great Western Recycling Ltd Location: Old Station Yard, Avon Mill Lane, Keynsham, Bristol, BS31 2UG Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	642	-	365969 168660
202	Contemporary Trade Directory Entries Name: Paul Brown Transport Services Ltd Location: Avon Mill Lane, Keynsham, Bristol, Avon, BS31 2UG Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	642	-	365969 168660
202	Contemporary Trade Directory Entries Name: South West Aggregates Location: Old Station Yard, Avon Mill Lane, Keynsham, Bristol, BS31 2UG Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	642	-	365969 168660
202	Contemporary Trade Directory Entries Name: Fluid Power Ltd Location: Avon Mill Lane, Keynsham, Bristol, BS31 2UG Classification: Hydraulic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	642	-	365969 168660
203	Contemporary Trade Directory Entries Name: A & D Services Location: 221, Bath Road, Keynsham, Bristol, BS31 1TN Classification: Garage Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	676	-	367035 168064
204	Contemporary Trade Directory Entries Name: Great Western Recycling Ltd Location: Avon Mill Lane, Keynsham, Bristol, Avon, BS31 2UG Classification: Recycling Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	692	-	365926 168714
205	Contemporary Trade Directory Entries Name: Keynsham Car Breakers Location: Bitton Road, Keynsham, Bristol, Avon, BS31 2DE Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	729	-	366039 169044
206	Contemporary Trade Directory Entries Name: New Cheltenham Car Sales Location: 230-234, Bath Road, Keynsham, Bristol, BS31 1TN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	744	-	367090 168022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	Contemporary Trade Directory Entries Name: Texaco Location: Bath Road, Keynsham, Bristol, BS31 1TN Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned within the geographical locality	A9NW (SE)	761	-	367105 168013
206	Contemporary Trade Directory Entries Name: Grove Service Station Location: Bath Road, Keynsham, Bristol, BS31 1TN Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A9NW (SE)	768	-	367106 168004
207	Contemporary Trade Directory Entries Name: Bath Road Garage Location: Bath Rd, Keynsham, Bristol, BS31 1TN Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SE (SW)	749	-	365937 168252
207	Contemporary Trade Directory Entries Name: Chandag Service Station Location: 20, Bath Road, Keynsham, Bristol, BS31 1NN Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	796	-	365893 168234
207	Contemporary Trade Directory Entries Name: Esso Location: 20, Bath Road, Keynsham, Bristol, BS31 1NN Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	807	-	365882 168232
207	Contemporary Trade Directory Entries Name: Tyre City Location: 16-18, Bath Road, Keynsham, Bristol, BS31 1NW Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	825	-	365864 168227
207	Contemporary Trade Directory Entries Name: Autospeed Tyre & Exhaust Centres Location: 16-18, Bath Road, Keynsham, Bristol, BS31 1NW Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	825	-	365865 168227
207	Contemporary Trade Directory Entries Name: Autospeed Tyres & Exhausts Location: 16-18, Bath Road, Keynsham, Bristol, BS31 1NW Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	825	-	365865 168227
208	Contemporary Trade Directory Entries Name: Portavon Service Centre Ltd Location: Bitton Road, Keynsham, BRISTOL, Avon, BS31 2DD Classification: Marine Engineering Equipment Manufacturers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	765	-	365944 168968
209	Contemporary Trade Directory Entries Name: Hanson Bath & Portland Stone Location: Avon Mill Lane, Keynsham, Bristol, BS31 2UG Classification: Quarries Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	769	-	365852 168739
209	Contemporary Trade Directory Entries Name: D S Smith Location: Avon Mill Lane, Keynsham, Bristol, Avon, BS31 2UG Classification: Recycling Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	770	-	365852 168739
209	Contemporary Trade Directory Entries Name: Micklegate Fluid Power Location: Avon Mill La, Keynsham, Bristol, Avon, BS31 2UG Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (W)	770	-	365852 168739

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	Contemporary Trade Directory Entries Name: Orchard Packaging Location: Orchard House, 20, Chandag Road, Keynsham, Bristol, BS31 1NR Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	775	-	365966 168150
211	Contemporary Trade Directory Entries Name: Johnsons Cleaning Machinery Location: Keynsham Rd, Keynsham, Bristol, Avon, BS31 2DD Classification: Vacuum Cleaners, Industrial & Commercial - Repairs & Servicing Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	779	-	365966 169030
212	Contemporary Trade Directory Entries Name: Severnside Security Location: Avon Mill La, Keynsham, Bristol, BS31 2UG Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	820	-	365810 168780
212	Contemporary Trade Directory Entries Name: King Logistics Ltd Location: Avon Mill La, Keynsham, Bristol, Avon, BS31 2UG Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	820	-	365808 168772
212	Contemporary Trade Directory Entries Name: Kk (Bristol) Ltd Location: Old Station Yard, Avon Mill La, Keynsham, Bristol, BS31 2UG Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	823	-	365798 168740
212	Contemporary Trade Directory Entries Name: Denise Presland Location: Old Station Yard, Avon Mill La, Keynsham, Bristol, Avon, BS31 2UG Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	828	-	365791 168730
212	Contemporary Trade Directory Entries Name: Ben'S Tiles & Reclamation Location: Avon Mill La, Keynsham, Bristol, Avon, BS31 2UG Classification: Reclamation Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	837	-	365780 168720
213	Contemporary Trade Directory Entries Name: Response Property Services Location: 4, Kennet Road, Keynsham, Bristol, BS31 1NZ Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	836	-	366060 167954
214	Contemporary Trade Directory Entries Name: K K (Bristol) Ltd Location: Resga House, Cherwell Rd, Keynsham, Bristol, Avon, BS31 1QT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	839	-	366311 167802
215	Contemporary Trade Directory Entries Name: Stringer Ltd Location: 10, Bath Road, Keynsham, Bristol, BS31 1NW Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	852	-	365838 168220
216	Contemporary Trade Directory Entries Name: Showhouse Joinery Location: 13, Wellsway, Keynsham, Bristol, BS31 1HS Classification: Kitchen Furniture Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	896	-	365818 168160
216	Contemporary Trade Directory Entries Name: Protel Communications Ltd Location: 9a, Wellsway, Keynsham, Bristol, BS31 1HS Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	905	-	365799 168178

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	Contemporary Trade Directory Entries Name: Protel Communications Ltd Location: 9a, Wellsway, Keynsham, Bristol, BS31 1HS Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	905	-	365799 168178
216	Contemporary Trade Directory Entries Name: Mace Systems Location: Wellsway House, 9, Wellsway, Keynsham, Bristol, BS31 1HS Classification: Computer Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	915	-	365790 168175
217	Contemporary Trade Directory Entries Name: Airtek Location: 268, Bath Road, Keynsham, Bristol, BS31 1TG Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	927	-	367171 167852
218	Fuel Station Entries Name: Bath Road Motor House Location: 230-234 Bath Road, Keynsham, BRISTOL, Somerset, BS31 1TN Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	744	-	367090 168022
219	Fuel Station Entries Name: Rss Chandag Location: 20, Bath Road, Keynsham, Bristol, BS31 1NN Brand: ESSO Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	806	-	365881 168235
220	Fuel Station Entries Name: Rss Keynsham Location: Bath Road, Keynsham, Bristol, BS31 1TN Brand: Esso Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A9NW (SE)	886	-	367186 167918
221	Points of Interest - Commercial Services Name: M G M Recycling Services Location: Unit 9 Ashmead Park, Ashmead Road, Keynsham, Bristol, BS31 1SU Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	152	8	366681 168455
221	Points of Interest - Commercial Services Name: Mgm Location: Unit 6/9 Ashmead Park, Ashmead Road, Keynsham, Bristol, BS31 1SU Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	152	8	366681 168455
221	Points of Interest - Commercial Services Name: M G M Recycling Services Location: Unit 9 Ashmead Park, Ashmead Road, Keynsham, Bristol, BS31 1SU Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	152	8	366681 168455
221	Points of Interest - Commercial Services Name: M G M Location: Unit 9 Ashmead Park, Ashmead Road, Keynsham, Bristol, BS31 1SU Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	152	8	366681 168455
222	Points of Interest - Commercial Services Name: I C Fleet Services Ltd Location: 7 Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	242	8	366388 168483

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
222	Points of Interest - Commercial Services Name: Carter Fleet Services Ltd Location: Unit 7 Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	250	8	366380 168483
222	Points of Interest - Commercial Services Name: Carter Fleet Services Ltd Location: Unit 7 Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	250	8	366380 168483
222	Points of Interest - Commercial Services Name: Keynsham Auto Engineers Location: Unit 5 Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	272	8	366370 168452
222	Points of Interest - Commercial Services Name: Keysham Auto Engineers Location: Unit 5 Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	272	8	366370 168452
222	Points of Interest - Commercial Services Name: J H S Racing Location: Unit 3 Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	284	8	366366 168436
222	Points of Interest - Commercial Services Name: Keynsham Service Centre Location: Unit 2 Unity Court, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	300	8	366362 168412
223	Points of Interest - Commercial Services Name: I J McGill Location: Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (W)	325	8	366293 168503
223	Points of Interest - Commercial Services Name: I J McGill Transport Ltd Location: Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (W)	349	8	366276 168475
223	Points of Interest - Commercial Services Name: I J McGill Transport Location: Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (W)	350	8	366275 168474
224	Points of Interest - Commercial Services Name: Crescent Garage Location: Unit 12/13 Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	327	8	366284 168637
224	Points of Interest - Commercial Services Name: Crescent Garage Location: Unit 12-13 Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	327	8	366283 168636
225	Points of Interest - Commercial Services Name: May Gurney Ltd Location: Ashmead Road, Keynsham, Bristol, BS31 1SX Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (S)	329	8	366678 168266

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	Points of Interest - Commercial Services Name: Paul's Auto's Location: Unit 10b Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (N)	336	8	366485 168900
227	Points of Interest - Commercial Services Name: Fab Weld Keynsham Location: Unit 7-8 Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13NW (W)	349	8	366271 168684
227	Points of Interest - Commercial Services Name: Unity Road Motorcycles Location: Unit 20-21 Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (W)	360	8	366273 168721
227	Points of Interest - Commercial Services Name: Advanced Vehicle Services Location: Unit 16-17 Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	376	8	366259 168730
227	Points of Interest - Commercial Services Name: Advanced Vehicle Services Location: Unit 16-17 Wansdyke Workshops, Unity Road, Keynsham, Bristol, BS31 1NH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	376	8	366259 168730
228	Points of Interest - Commercial Services Name: Power & Transmissions (Western) Ltd Location: Unit 8 Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	350	8	366885 168375
228	Points of Interest - Commercial Services Name: Power & Transmissions Western Ltd Location: Unit 8 Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	350	8	366885 168375
228	Points of Interest - Commercial Services Name: Compak South Ltd Location: 2 Ashmead Road, Keynsham, Bristol, BS31 1SX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (SE)	371	8	366921 168391
228	Points of Interest - Commercial Services Name: May Gurney Ltd Location: Unit 4 Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	379	8	366915 168367
228	Points of Interest - Commercial Services Name: May Gurney Ltd Location: Unit 4 Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	379	8	366915 168367
229	Points of Interest - Commercial Services Name: Gregory Distribution Ltd Location: Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NE (SE)	427	8	366854 168239

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
230	Points of Interest - Commercial Services Name: Tkc Sales Ltd Location: Unit 5 Ashmead Industrial Estate, Ashmead Road, Keynsham, Bristol, BS31 1TZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (SE)	437	8	366945 168312
231	Points of Interest - Commercial Services Name: D S Smith Location: Avon Mill Lane, Keynsham, Bristol, BS31 2UG Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NE (W)	496	8	366131 168729
232	Points of Interest - Commercial Services Name: L M C Autos Location: Unit 12, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	573	8	366612 169159
232	Points of Interest - Commercial Services Name: Pauls Autos Location: Unit 10b Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	624	8	366626 169210
233	Points of Interest - Commercial Services Name: D S Smith Recycling Location: Avon Mill Lane, Keynsham, Bristol, BS31 2UG Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NE (W)	586	8	366045 168754
233	Points of Interest - Commercial Services Name: D S Smith Location: Avon Mill Lane, Keynsham, Bristol, BS31 2UG Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NE (W)	586	8	366045 168754
234	Points of Interest - Commercial Services Name: Mega-Branch Haulage Location: Unit 7, Broadmead Lane Ind Est, Keynsham, Bristol, Avon, BS31 1ST Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	615	8	366530 169196
234	Points of Interest - Commercial Services Name: Mega Branch Haulage Location: Unit 7 Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	615	8	366530 169197
234	Points of Interest - Commercial Services Name: Harris On Ford Location: Unit 10 Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	619	8	366611 169205
234	Points of Interest - Commercial Services Name: The Garage Location: Unit 4 & 5 Broadmead Lane Industrial Estate, Broadmead Lane, Keynsham, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	622	8	366527 169203
234	Points of Interest - Commercial Services Name: L M C Auto's Garage Location: Unit 12, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	628	8	366590 169214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
234	Points of Interest - Commercial Services Name: F J S Autos Location: Unit 12, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	628	8	366590 169214
234	Points of Interest - Commercial Services Name: R C Auto Repairs Location: Unit 12, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	629	8	366590 169215
234	Points of Interest - Commercial Services Name: M & B Trucks Location: Unit 2, Broadmead Lane, Keynsham, Bristol, BS31 1ST Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	642	8	366520 169222
235	Points of Interest - Commercial Services Name: Paul Brown Transport Services Ltd Location: Avon Mill Lane, Keynsham, Bristol, BS31 2UG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (W)	642	8	365969 168660
236	Points of Interest - Commercial Services Name: Car Wash Location: Bath Road, Keynsham, Bristol, BS31 1TN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9NW (SE)	744	8	367090 168022
237	Points of Interest - Commercial Services Name: Great Western Recycling Ltd Location: Avon House, Avon Mill Lane, Keynsham, Bristol, BS31 2UG Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NW (W)	792	8	365845 168804
237	Points of Interest - Commercial Services Name: Denise Presland Location: Avon House, Avon Mill Lane, Keynsham, Bristol, BS31 2UG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NW (W)	792	8	365846 168804
238	Points of Interest - Commercial Services Name: Rss Chandag Location: 20, Bath Road, Keynsham, Bristol, BS31 1NN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NW (SW)	806	8	365881 168235
238	Points of Interest - Commercial Services Name: Car Wash Location: 20 Bath Road, Keynsham, Bristol, BS31 1NN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NW (SW)	806	8	365881 168235
238	Points of Interest - Commercial Services Name: Autospeed Tyres & Exhausts Location: 16-18 Bath Road, Keynsham, Bristol, BS31 1NW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	825	8	365865 168227
239	Points of Interest - Commercial Services Name: Rss Keynsham Location: Bath Road, Keynsham, Bristol, BS31 1TN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9NW (SE)	864	8	367189 167949
240	Points of Interest - Manufacturing and Production Name: Works Location: BS31 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (W)	173	8	366444 168647

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
241	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	327	8	366676 168268
241	Points of Interest - Manufacturing and Production Name: Works Location: BS31 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	329	8	366676 168266
242	Points of Interest - Manufacturing and Production Name: Wansdyke Workshops Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	359	8	366266 168701
242	Points of Interest - Manufacturing and Production Name: Wansdyke Workshops Location: BS31 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	373	8	366251 168700
243	Points of Interest - Manufacturing and Production Name: Ashmead Road Industrial Estate Location: BS31 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	375	8	366897 168351
244	Points of Interest - Manufacturing and Production Name: Tank Location: BS31 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SE (SE)	397	8	366818 168252
245	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	477	8	366154 168736
245	Points of Interest - Manufacturing and Production Name: Works Location: BS31 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	480	8	366150 168735
246	Points of Interest - Manufacturing and Production Name: Pixash Works Location: BS31 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	496	8	367035 168338
247	Points of Interest - Manufacturing and Production Name: Pixash Business Centre Location: BS31 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	515	8	366938 168193
247	Points of Interest - Manufacturing and Production Name: Rocktron International Ltd Location: Wessex House, Pixash Lane, Keynsham, Bristol, BS31 1TP Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to address or location	A9NW (SE)	561	8	366969 168160
248	Points of Interest - Manufacturing and Production Name: Broadmead Lane Industrial Estate Location: BS31 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	529	8	366637 169114

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	Points of Interest - Manufacturing and Production Name: Tanks Location: BS31 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	586	8	367082 168246
249	Points of Interest - Manufacturing and Production Name: Tank Location: BS31 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	610	8	367054 168173
250	Points of Interest - Manufacturing and Production Name: Tank Location: BS31 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A12NE (NW)	598	8	366064 168838
251	Points of Interest - Manufacturing and Production Name: Hanson Bath & Portland Stone Location: Avon Mill Lane, Keynsham, Bristol, BS31 2UG Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A12NW (W)	770	8	365852 168738
252	Points of Interest - Public Infrastructure Name: Mgm Location: Unit 6/9 Ashmead Park, Ashmead Road, Keynsham, Bristol, BS31 1SU Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A13SE (SE)	152	8	366681 168455
252	Points of Interest - Public Infrastructure Name: Mgm Location: Unit 9 Ashmead Park, Ashmead Road, Keynsham, Bristol, BS31 1SU Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A13SE (SE)	152	8	366681 168455
253	Points of Interest - Public Infrastructure Name: Sewage Works Location: BS31 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13NW (NW)	265	8	366389 168738
254	Points of Interest - Public Infrastructure Name: Ect Recycling Location: Unit 4 Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A13SE (SE)	379	8	366915 168367
254	Points of Interest - Public Infrastructure Name: Ect Recycling Location: Unit 4 Ashmead Business Park, Ashmead Road, Keynsham, Bristol, BS31 1SX Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A13SE (SE)	379	8	366915 168367
255	Points of Interest - Public Infrastructure Name: Public Recycling Facility Location: Pixash Lane, BS31 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A14SW (SE)	575	8	367098 168290
256	Points of Interest - Public Infrastructure Name: Sluice Location: BS31 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	657	8	366013 168869

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
256	Points of Interest - Public Infrastructure Name: Weir Location: BS31 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	676	8	365982 168844
257	Points of Interest - Public Infrastructure Name: Texaco Location: Bath Road, Keynsham, Bristol, BS31 1TN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NW (SE)	744	8	367090 168022
257	Points of Interest - Public Infrastructure Name: Somerfield Keynsham 3386-0 Location: Bath Road, Keynsham, Bristol, BS31 1TN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NW (SE)	744	8	367090 168022
258	Points of Interest - Public Infrastructure Name: Chandag Service Station Location: 20 Bath Road, Keynsham, Bristol, BS31 1NN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	796	8	365893 168234
258	Points of Interest - Public Infrastructure Name: Chandag Service Station Location: 20 Bath Road, Keynsham, Bristol, BS31 1NN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	807	8	365882 168232
258	Points of Interest - Public Infrastructure Name: Esso Location: 20 Bath Road, Keynsham, Bristol, BS31 1NN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	807	8	365882 168232
258	Points of Interest - Public Infrastructure Name: Chandag Service Station Location: 20 Bath Road, Keynsham, Bristol, BS31 1NN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	807	8	365882 168232
259	Points of Interest - Public Infrastructure Name: Rss Chandag Location: 20, Bath Road, Keynsham, Bristol, BS31 1NN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NW (SW)	806	8	365881 168235
259	Points of Interest - Public Infrastructure Name: Keynsham Police Station Location: Police Station, Bath Hill, Keynsham, Bristol, BS31 1HJ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A12SW (W)	817	8	365834 168324
260	Points of Interest - Public Infrastructure Name: Texaco Location: Bath Road, Keynsham, Bristol, BS31 1TN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NW (SE)	886	8	367186 167918
260	Points of Interest - Public Infrastructure Name: Texaco Location: Bath Road, Keynsham, Bristol, BS31 1TN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NW (SE)	886	8	367186 167918
261	Points of Interest - Public Infrastructure Name: Sluice Location: BS31 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	942	8	365665 168557

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
261	Points of Interest - Public Infrastructure Name: Weir Location: BS31 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	950	8	365659 168516
261	Points of Interest - Public Infrastructure Name: Sluice Location: BS31 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	953	8	365655 168532
262	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	505	8	367101 168687
262	Points of Interest - Recreational and Environmental Name: Play Area Location: Pixash Lane, BS31 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NW (E)	510	8	367105 168690
263	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	731	8	366530 167860
263	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	736	8	366492 167860
263	Points of Interest - Recreational and Environmental Name: Play Area Location: Teviot Road, BS31 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8SW (S)	741	8	366527 167850
264	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	868	8	367410 168260
264	Points of Interest - Recreational and Environmental Name: Play Area Location: Nr Pixash Lane, BS31 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SE (E)	870	8	367412 168259
265	Points of Interest - Recreational and Environmental Name: Play Area Location: Avon Mill Lane, BS31 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12SW (W)	943	8	365670 168481
265	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	948	8	365666 168472

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	Areas of Adopted Green Belt Authority: Bath and North East Somerset Council Plan Name: Bath And North East Somerset Council Status: Adopted Plan Date: 18th October 2007	A13NE (NE)	0	10	366606 168587
267	Areas of Adopted Green Belt Authority: South Gloucestershire Council Plan Name: South Gloucestershire Council Local Plan Status: Adopted Plan Date: 31st January 2006	A19SW (NE)	508	11	366957 168953
268	Areas of Adopted Green Belt Authority: Bath and North East Somerset Council Plan Name: Bath And North East Somerset Council Status: Adopted Plan Date: 18th October 2007	A17SW (NW)	864	10	365833 168970
269	Areas of Unadopted Green Belt Authority: Bath and North East Somerset Council Plan Name: Placemaking Plan Status: Submission Draft Plan Date: 12th April 2016	A13NE (NE)	0	10	366606 168587
270	Areas of Unadopted Green Belt Authority: Bath and North East Somerset Council Plan Name: Placemaking Plan Status: Submission Draft Plan Date: 12th April 2016	A17SW (NW)	862	10	365840 168980
271	Local Nature Reserves Name: Manor Road Community Woodland Multiple Area: Y Area (m2): 209306.84 Source: Natural England Designation Date: 1st February 2005	A8SE (S)	868	9	366633 167720

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

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	October 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2017	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2017	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	November 2017	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	November 2017	Quarterly
Flood Defences Environment Agency - Head Office	November 2017	Quarterly
OS Water Network Lines Ordnance Survey	October 2017	6 Weekly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

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

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

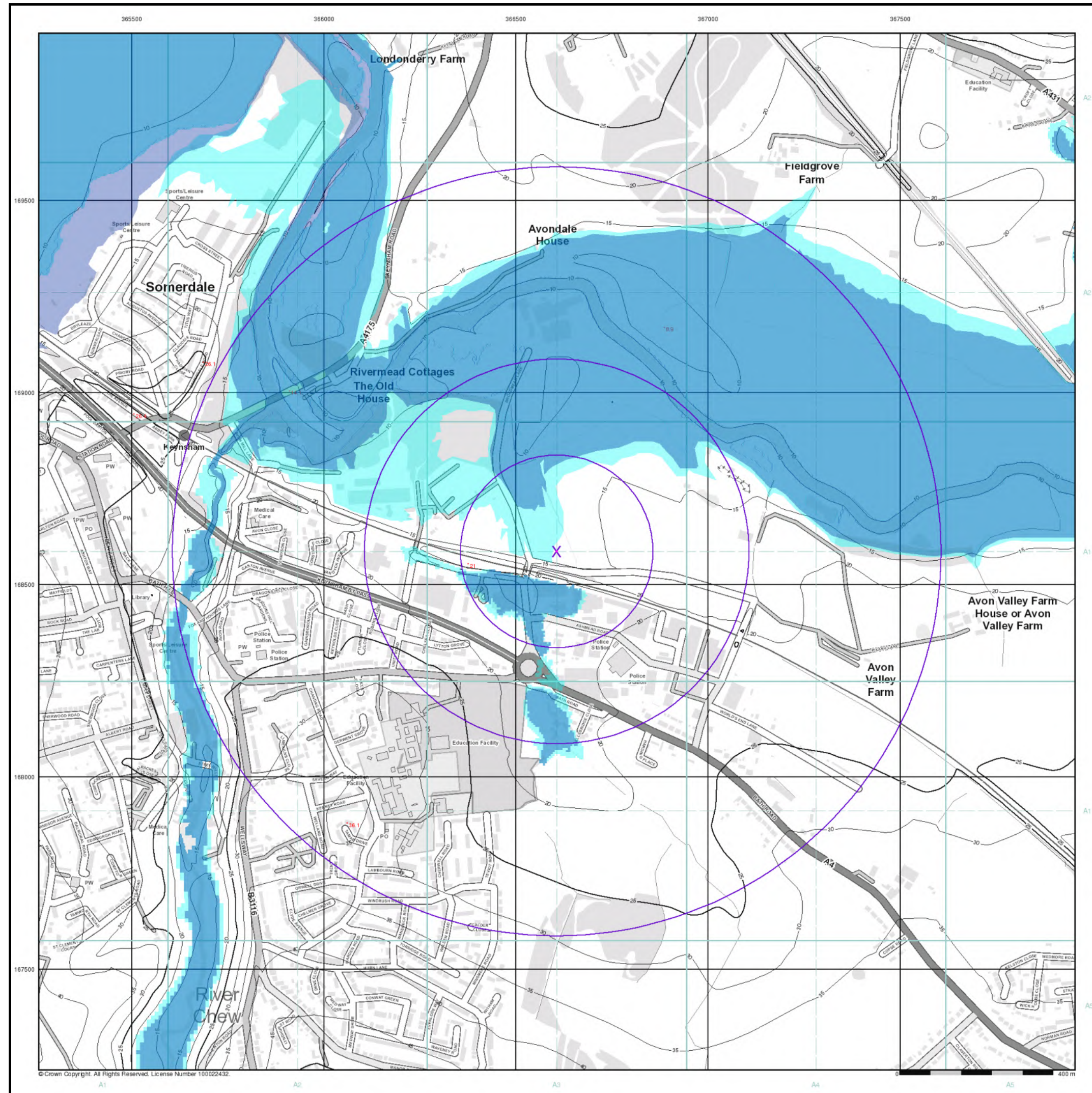
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2017	Bi-Annually
Areas of Adopted Green Belt Bath and North East Somerset Council Bristol City Council South Gloucestershire Council	November 2017 November 2017 November 2017	As notified As notified As notified
Areas of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

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Bath and North East Somerset Council - Environmental Health Department 9 -10 Bath Street, Bath, Avon, BA1 1SN	Telephone: 01225 477502 Fax: 01225 477489 Website: www.bathnes.gov.uk
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 023 8079 2000 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Bath and North East Somerset Council - Planning Services Department Trimbridge House, Trim Street, Bath, BA1 2DP	Website: www.bathnes.gov.uk
6	South Gloucestershire Council - Environmental Services Department Council Offices, Castle Street, Thornbury, Gloucestershire, BS35 1HF	Telephone: 01454 863485 Fax: 01454 863642 Website: www.southglos.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Bath and North East Somerset Council Guildhall, High Street, Bath, BA1 5AW	Telephone: 01225 477000 Fax: 01225 477489 Website: www.bathnes.gov.uk
11	South Gloucestershire Council Council Offices, Castle Street, Thornbury, Bristol, Gloucestershire, BS12 1HF	Telephone: 01454 868686 Fax: 01454 419754 Website: www.southglos.gov.uk
12	Bristol City Council The Council House, College Green, Bristol, Avon, BS1 5TR	Telephone: 0117 922 2000 Fax: 0117 922 3886 Website: www.bristol-city.gov.uk
13	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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EA/NRW Flood Data Map (1:10,000)

General

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

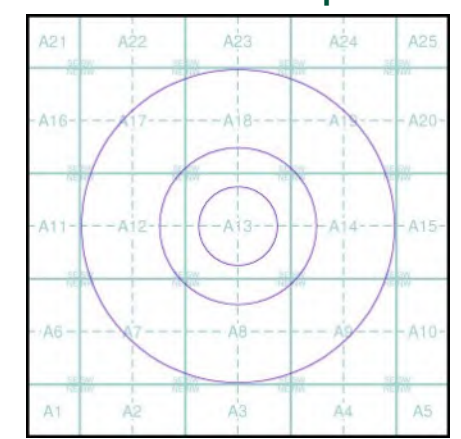
Flood Data

- 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

Contours (height in metres)

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

EA/NRW Flood Data Map - Slice A

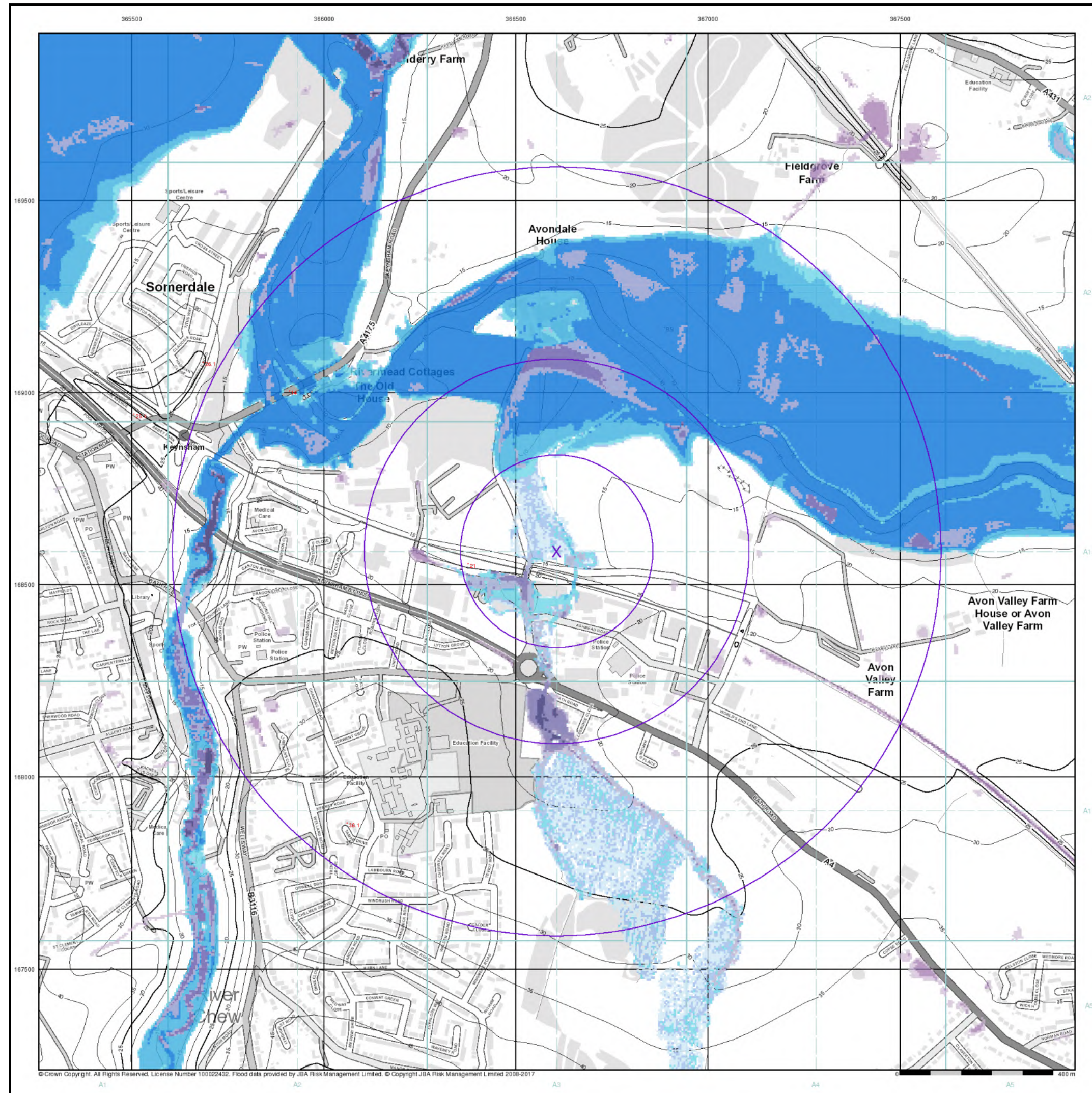


Order Details

Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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JBA 75 Year Return Flood Map (Undefended) (1:10,000)

General

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

Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

Contours (height in metres)

Standard Contour: 105, 100, 95
 Master Contour: 105, 100, 95
 Spot Height: 167.8

MLW: Mean Low Water
 MHW: Mean High Water

JBA 75 Year Return Flood Map (Undefended) - Slice A

Order Details

Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

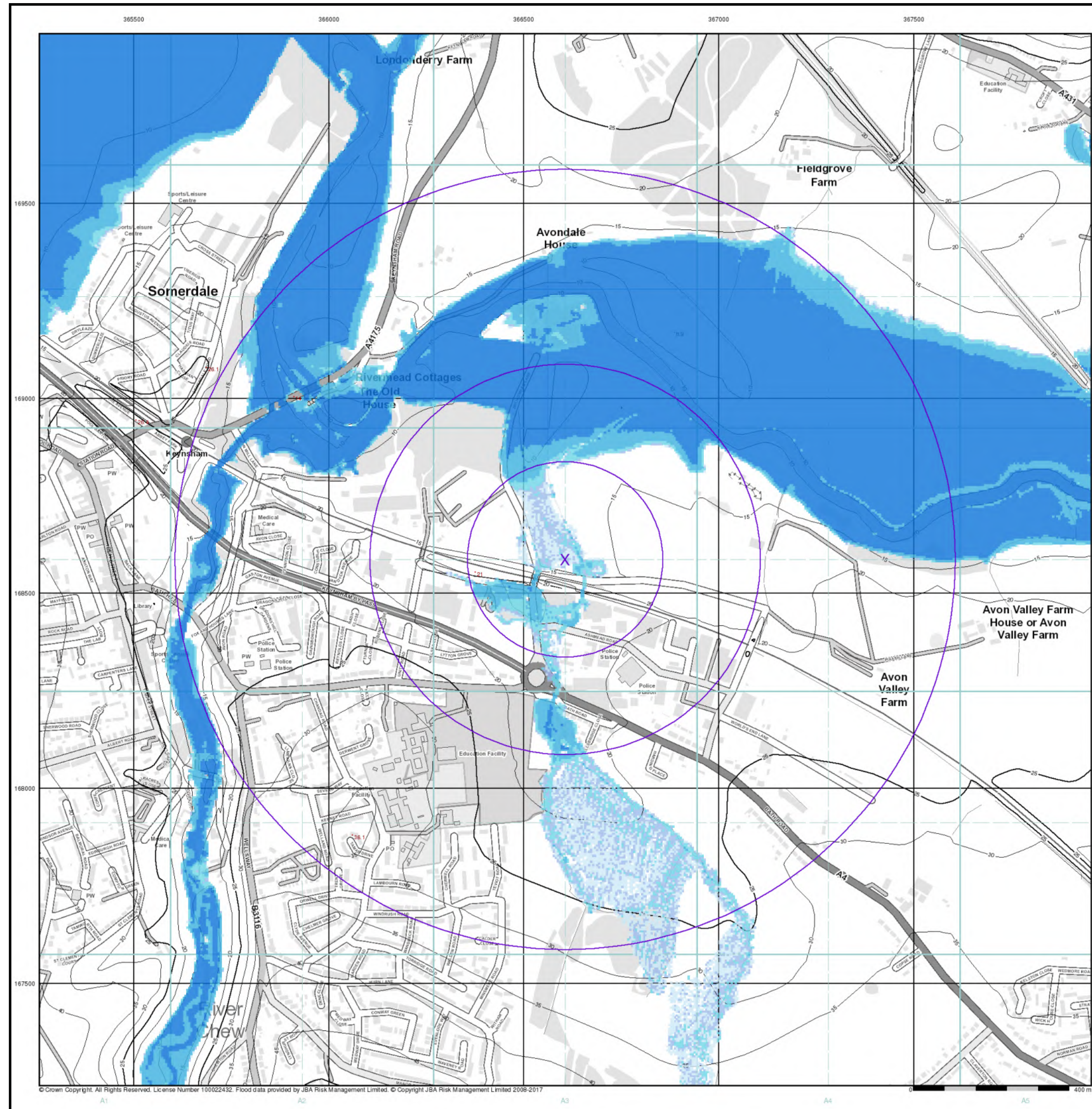
Site at, Keynsham, Bath and North East Somerset

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A Landmark Information Group Service v50.0 07-Dec-2017 Page 2 of 17



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JBA 100 Year Return Flood Map (Undefended) (1:10,000)

General

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

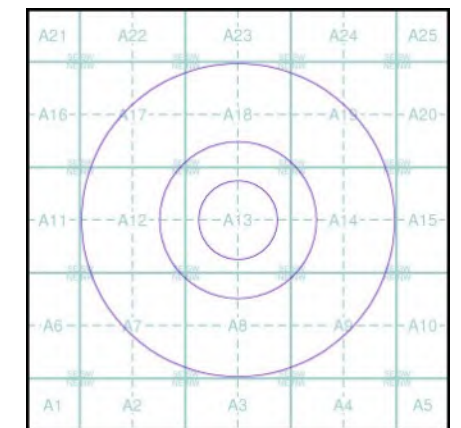
Modelled Flood Depth

Fluvial Depth	Coastal Depth
0.01m - 0.05m	0.01m - 0.05m
0.05m - 0.1m	0.05m - 0.1m
0.1m - 0.3m	0.1m - 0.3m
0.3m - 1m	0.3m - 1m
>1m	>1m

Contours (height in metres)

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

JBA 100 Year Return Flood Map (Undefended) - Slice A

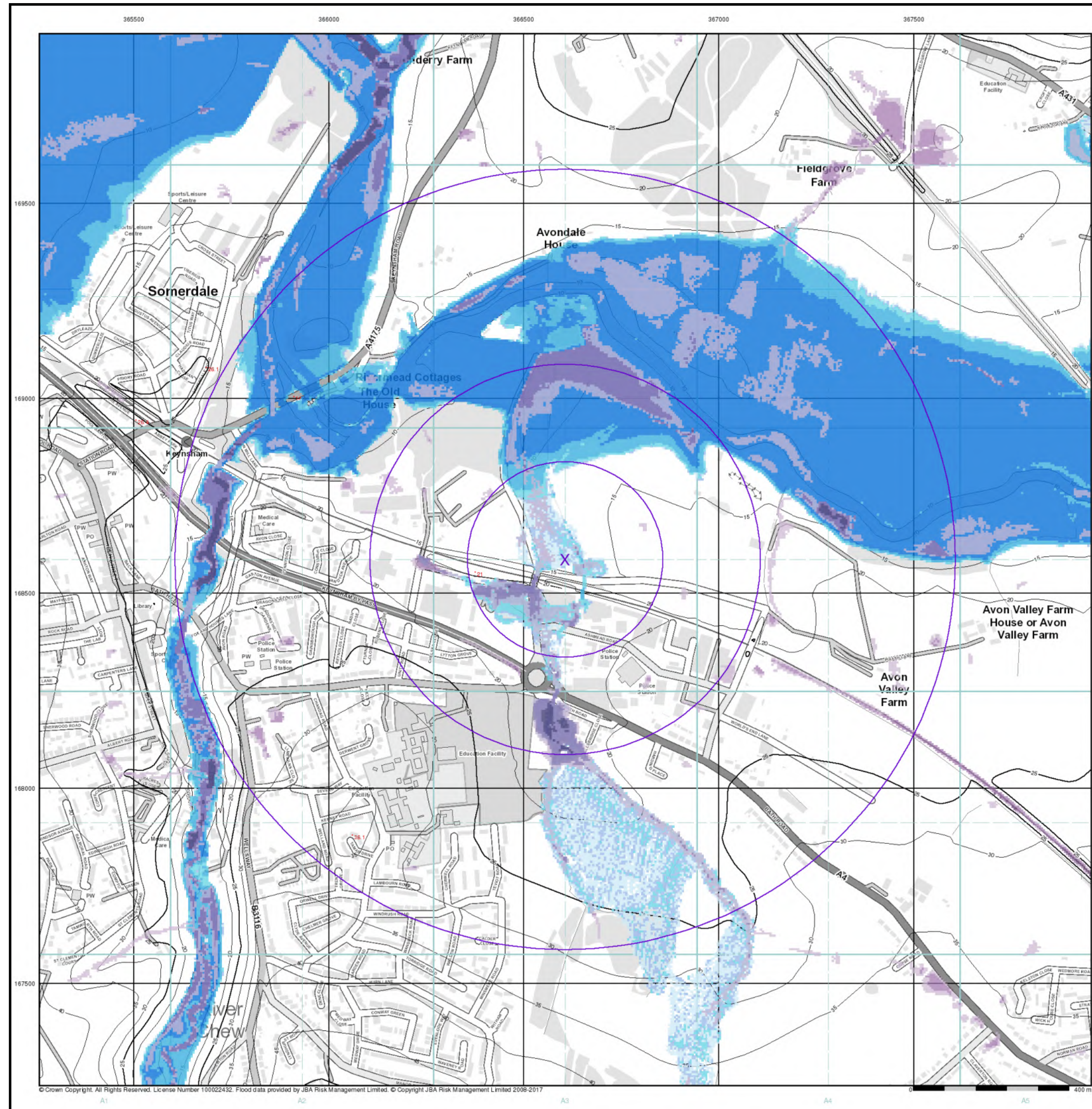


Order Details

Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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JBA 200 Year Return Flood Map (Un defended) (1:10,000)

General

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

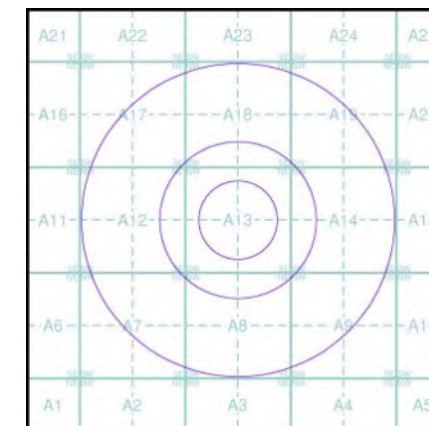
Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

Contours (height in metres)

- Standard Contour: 105, 100, 95
- Master Contour: 105, 100, 95
- Spot Height: 167.8
- MLW: Mean Low Water
- MHW: Mean High Water

JBA 200 Year Return Flood Map (Un defended) - Slice A



Order Details

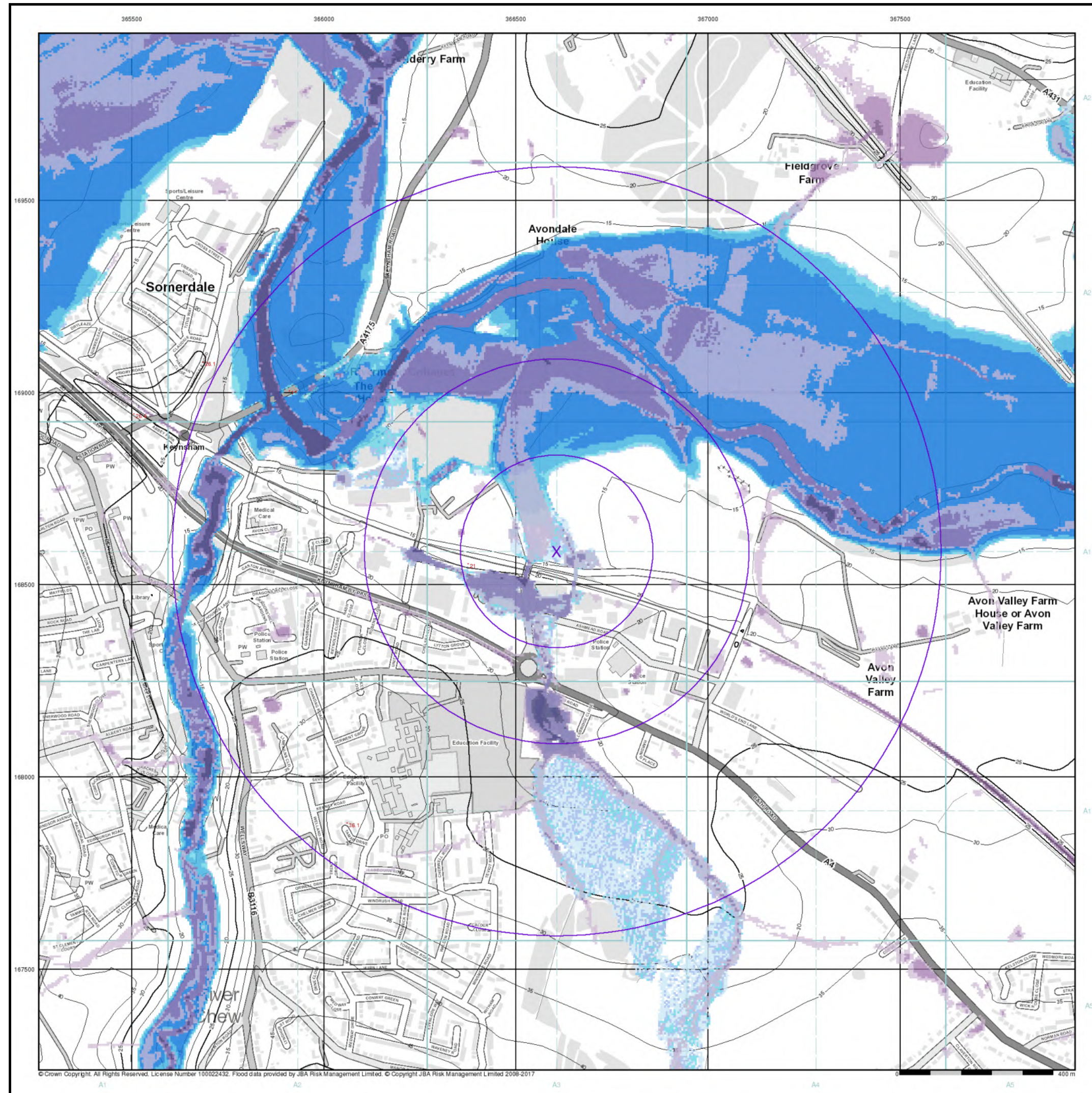
Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

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JBA 1000 Year Return Flood Map (Undefended) (1:10,000)

General

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

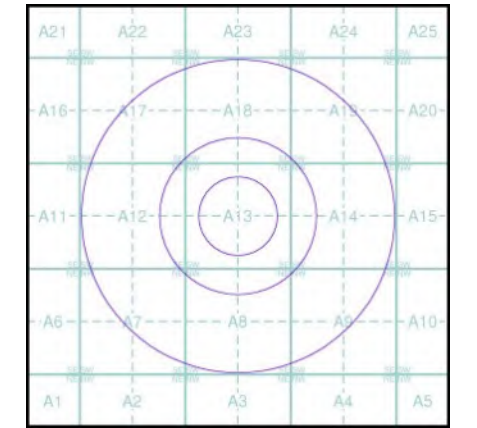
Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

Contours (height in metres)

- Standard Contour: 105, 100, 95
- Master Contour: 105, 100, 95
- Spot Height: 167.8
- MLW: Mean Low Water
- MHW: Mean High Water

JBA 1000 Year Return Flood Map (Undefended) - Slice A



Order Details

Order Number: 149353330_1_1

Customer Ref: A4 Bristol to East Keynsham

National Grid Reference: 366610, 168590

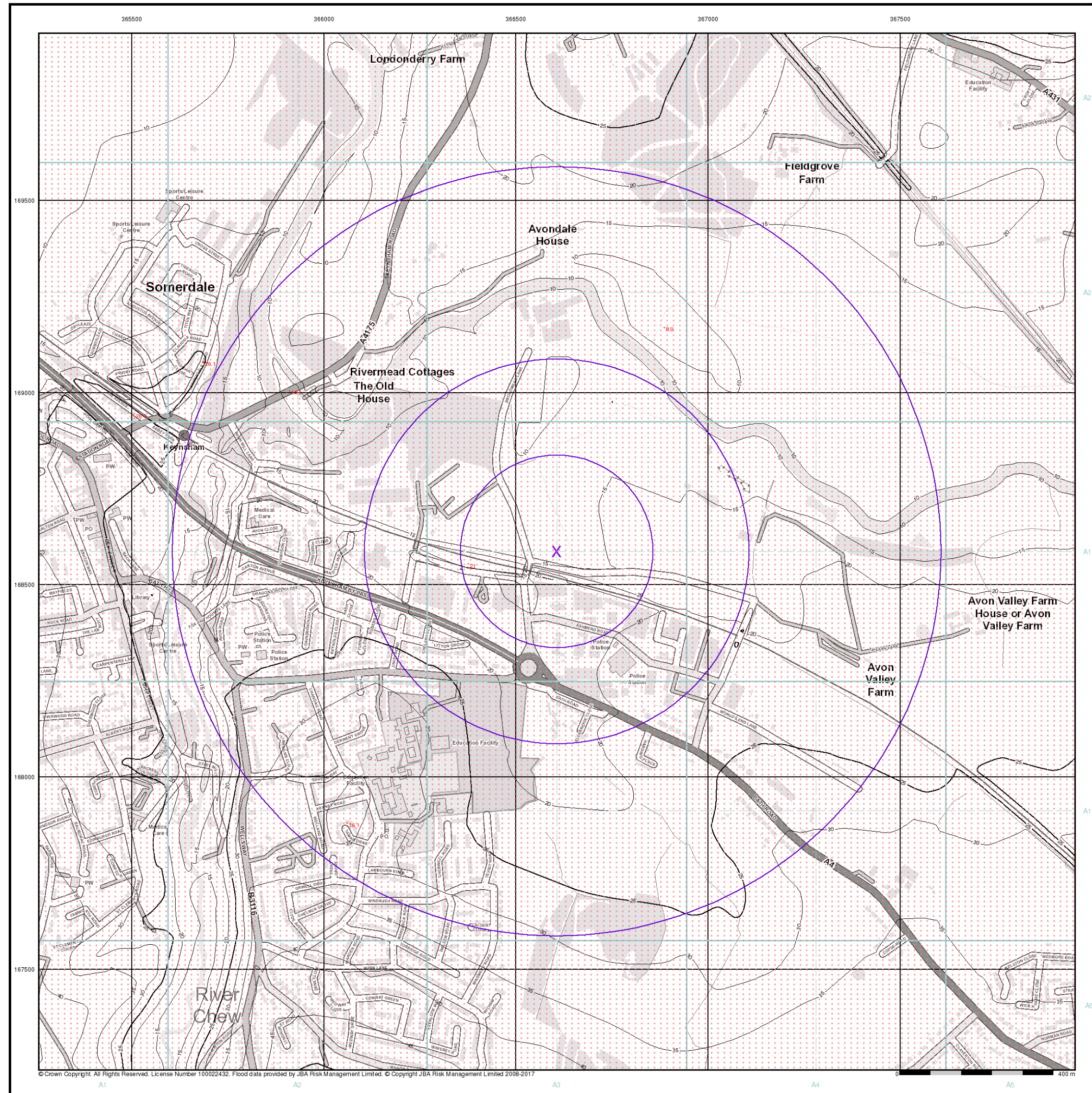
Slice: A

Site Area (Ha): 0.01

Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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JBA Canal Failure Map (1:10,000)

General

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

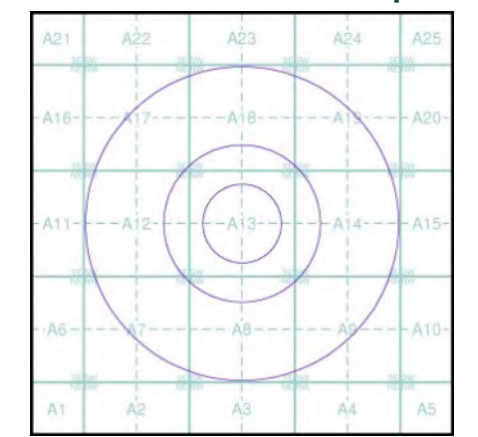
Flood Data

- Canal Failure
- Coverage

Contours (height in metres)

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

JBA Canal Failure Flood Map - Slice A

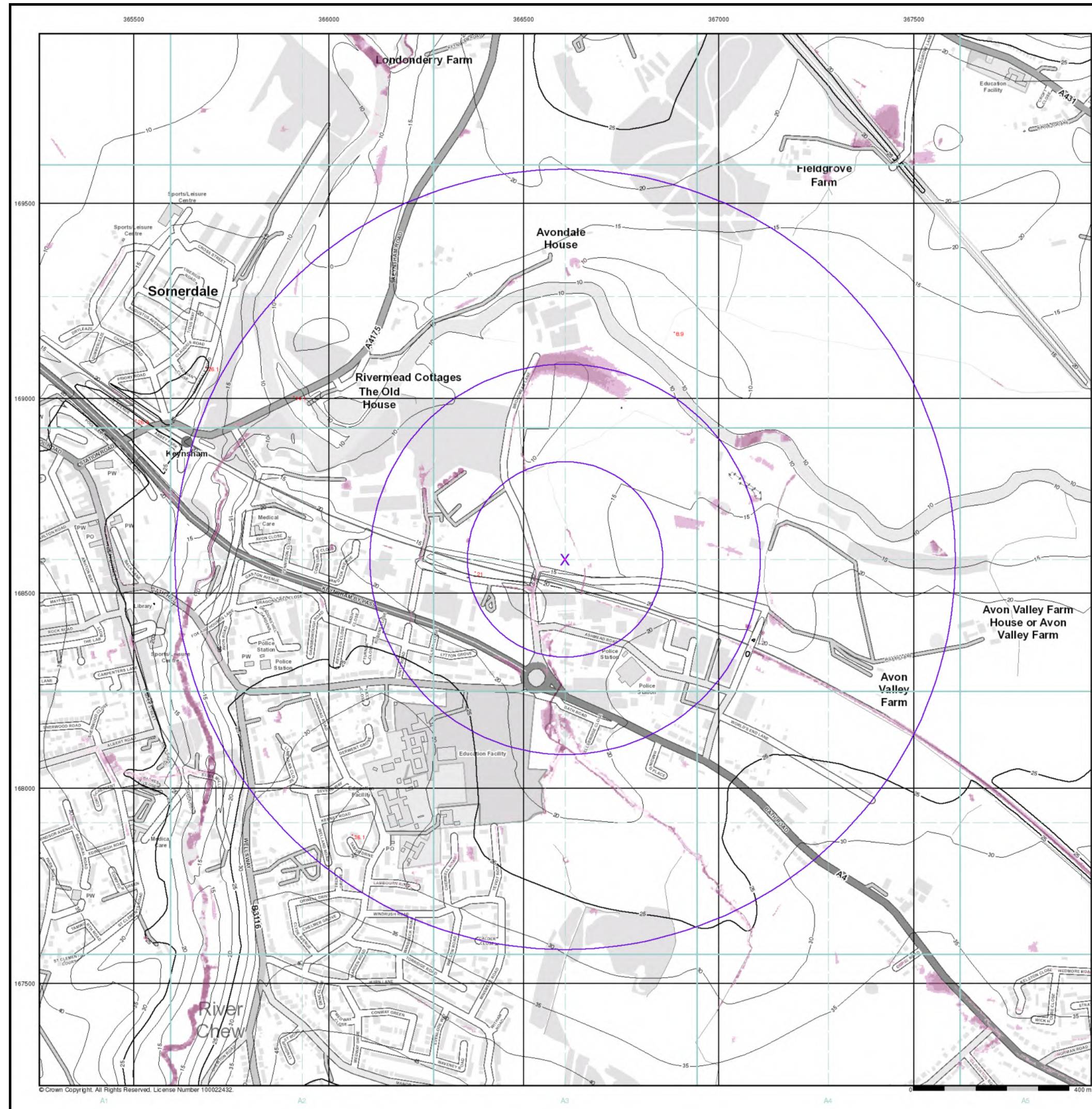


Order Details

- Order Number: 149353330_1_1
- Customer Ref: A4 Bristol to East Keynsham
- National Grid Reference: 366610, 168590
- Slice: A
- Site Area (Ha): 0.01
- Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



EANRW Surface Water 30 Year Return Depth Map (1:10,000)

General

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

Surface Water Depth

- 0 - 0.15m
- 0.15 - 0.30m
- 0.30 - 0.60m
- 0.60 - 0.90m
- 0.90 - 1.20m
- > 1.20m

Contours (height in metres)

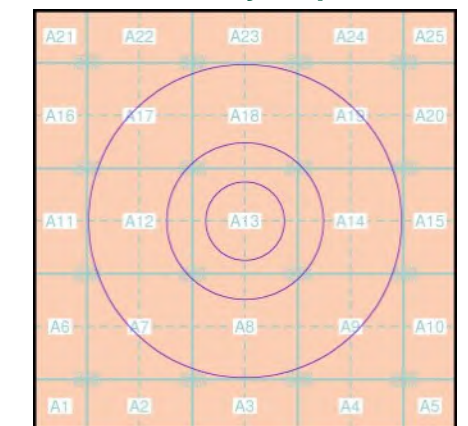
- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

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

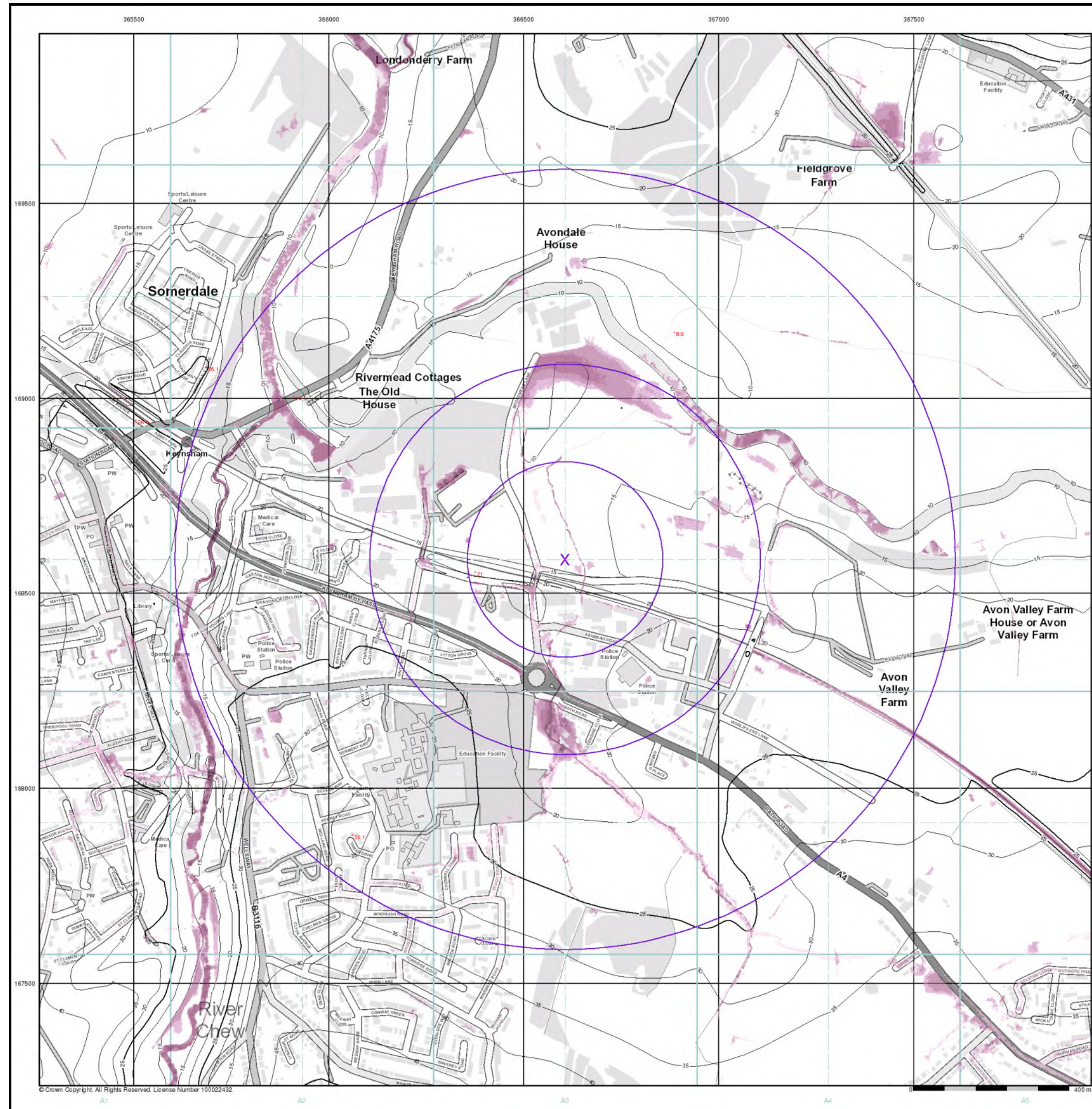


Order Details

- Order Number: 149353330_1_1
- Customer Ref: A4 Bristol to East Keynsham
- National Grid Reference: 366610, 168590
- Slice: A
- Site Area (Ha): 0.01
- Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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EANRW Surface Water 100 Year Return Depth Map

General

Specified Site Specified Buffer(s) X Bearing Reference Point

Surface Water Depth

0 - 0.15m
0.15 - 0.30m
0.30 - 0.60m
0.60 - 0.90m
0.90 - 1.20m
> 1.20m

Contours (height in metres)

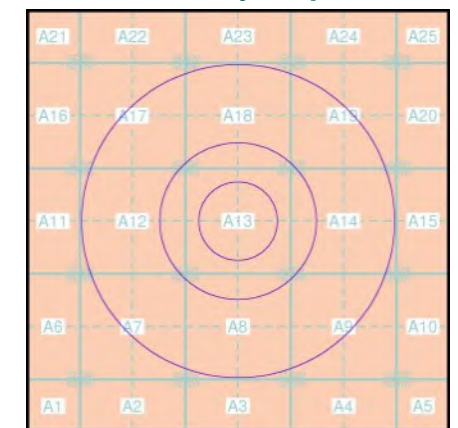
Standard Contour 105 100 95
Master Contour 100 95
Spot Height *167.8
MLW Mean Low Water
MHW Mean High Water

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

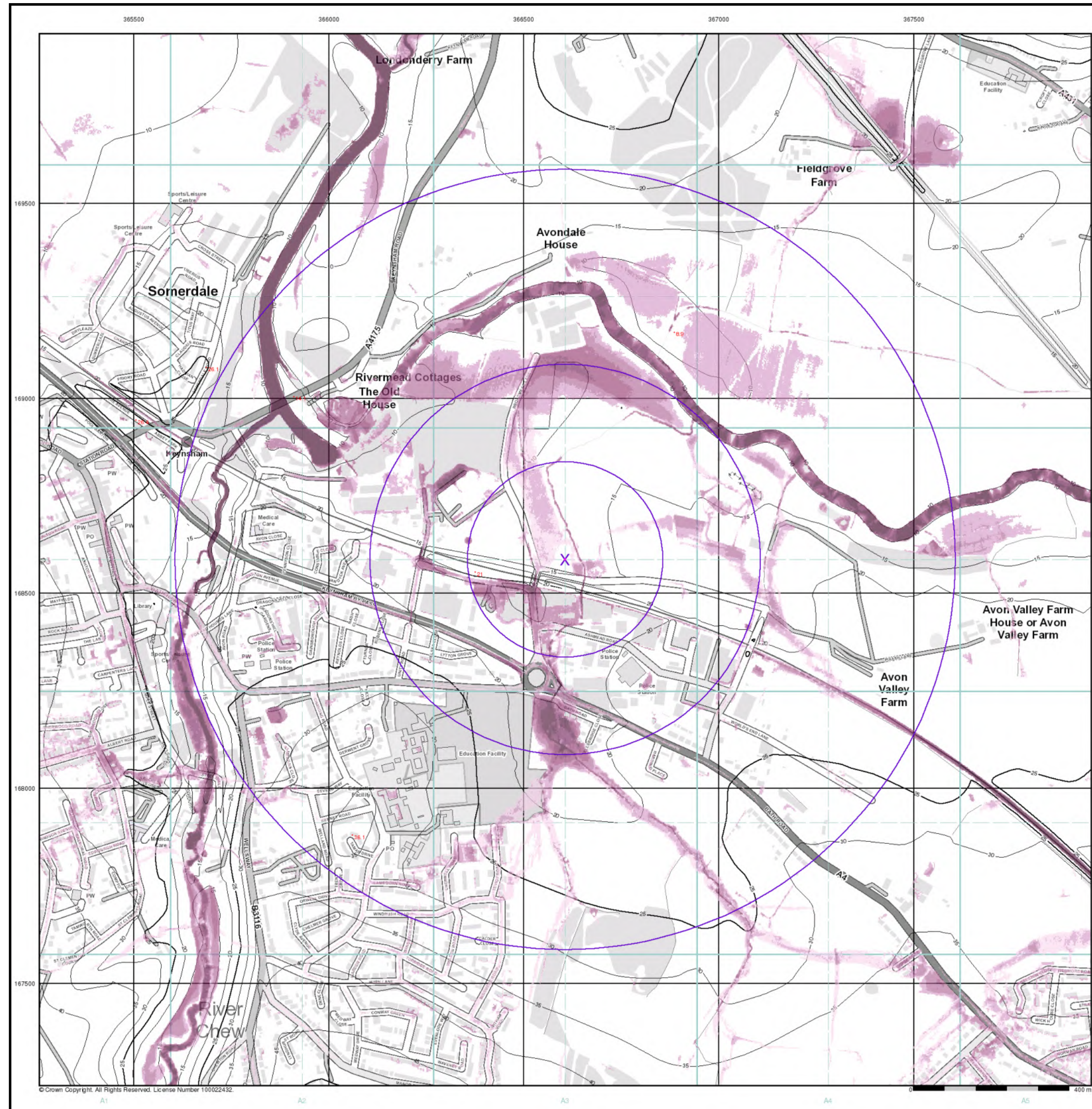


Order Details

Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

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EANRW Surface Water 1000 Year Return Depth Map (1:10,000)

General

Specified Site Specified Buffer(s) X Bearing Reference Point

Surface Water Depth

0 - 0.15m
0.15 - 0.30m
0.30 - 0.60m
0.60 - 0.90m
0.90 - 1.20m
> 1.20m

Contours (height in metres)

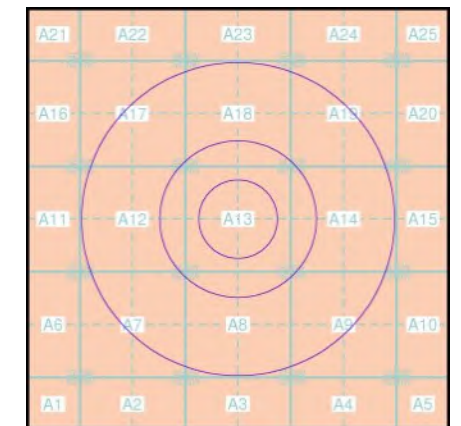
Standard Contour 105 100 95
Master Contour 100 95
Spot Height *167.8
MLW Mean Low Water
MHW Mean High Water

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

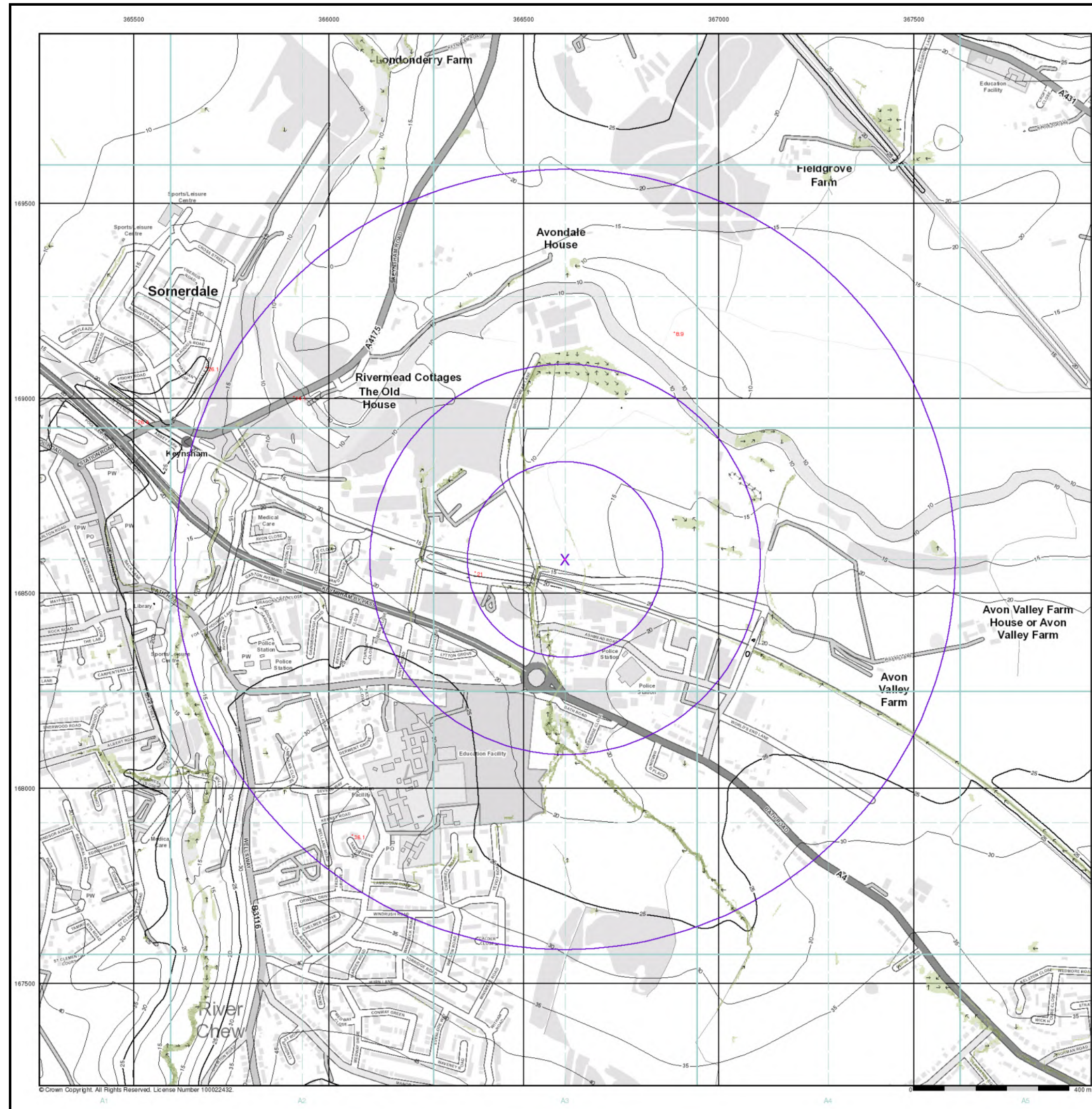
Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

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EANRW Surface Water 30 Year Return Velocity and Flow Direction Map (1:10,000)

General

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

Surface Water Velocity and Direction

- 0.00 - 0.25m/s
- 0.25 - 0.50m/s
- 0.50 - 1.00m/s
- 1.00 - 2.00m/s
- > 2.00m/s

Flow Direction at maximum velocity

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height

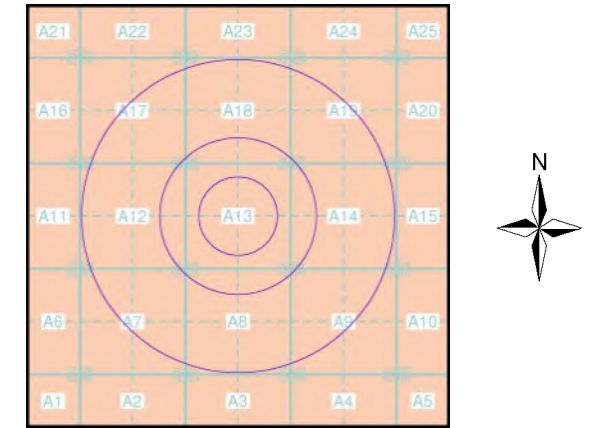
MLW Mean Low Water
MHW Mean High Water

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

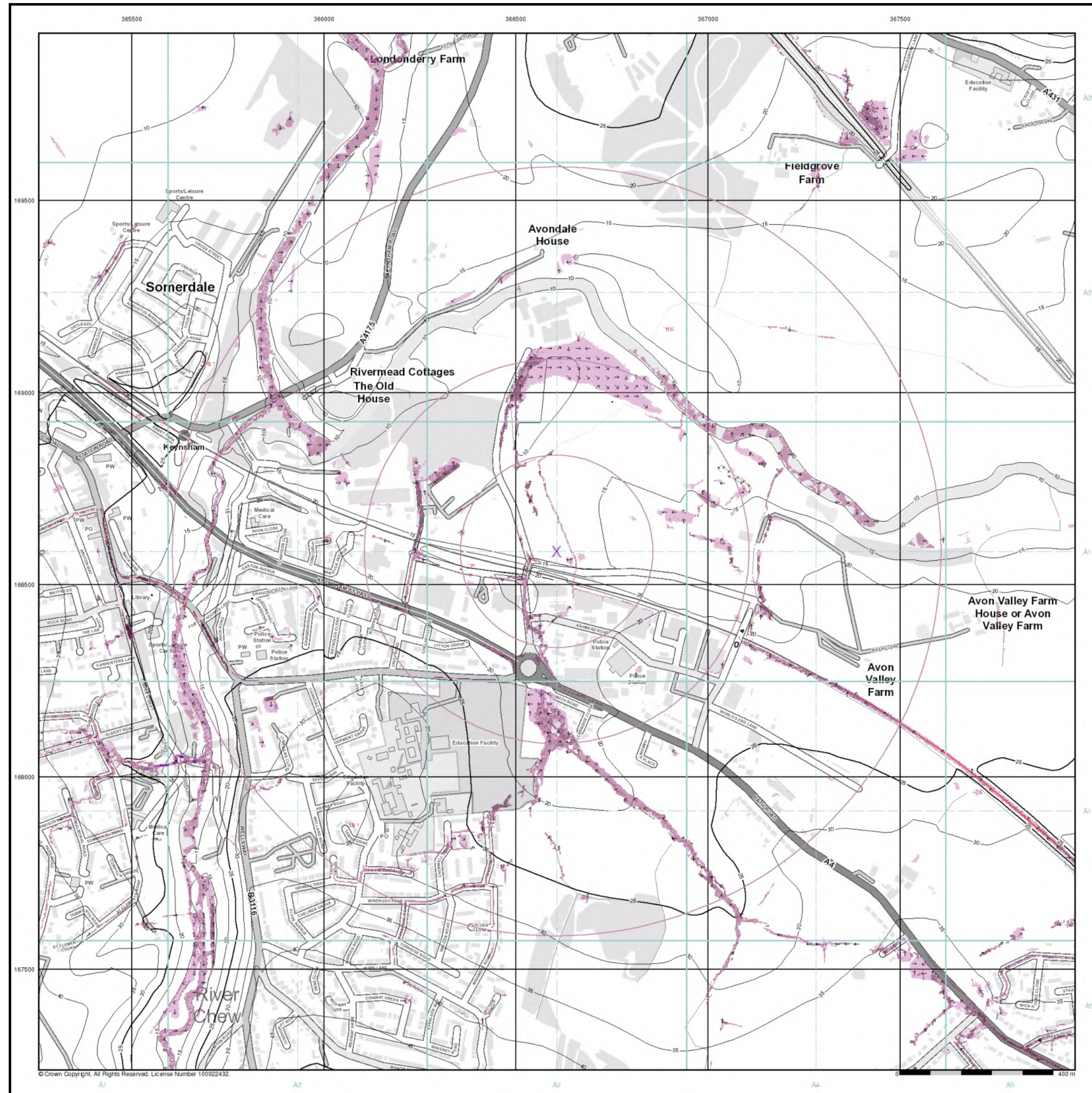


Order Details

Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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EANRW Surface Water 100 Year Return Velocity and Flow Direction Map (1:10,000)

General

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

Surface Water Velocity and Direction

- 0.00 - 0.25m/s
- 0.25 - 0.50m/s
- 0.50 - 1.00m/s
- 1.00 - 2.00m/s
- > 2.00m/s
- Flow Direction at maximum velocity

Contours (height in metres)

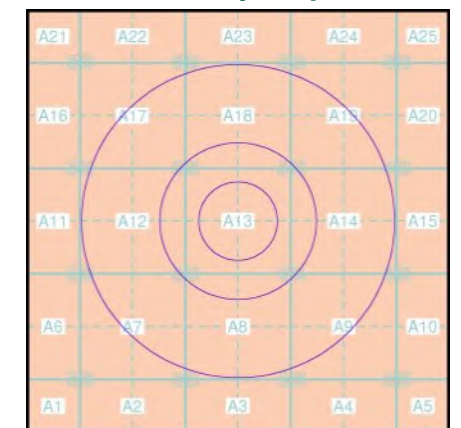
- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

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

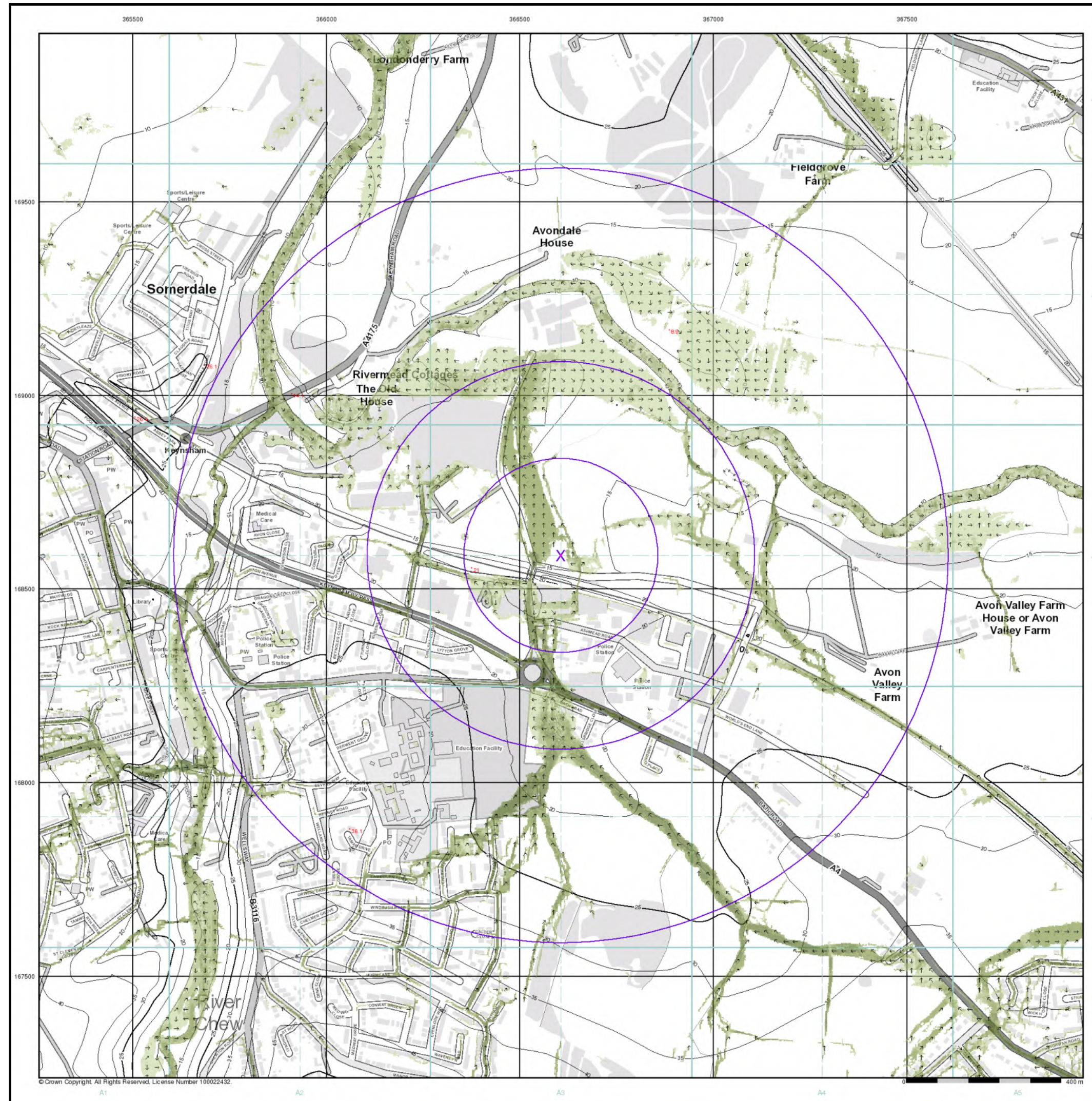


Order Details

Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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EANRW Surface Water 1000 Year Return Velocity and Flow Direction Map (1:10,000)

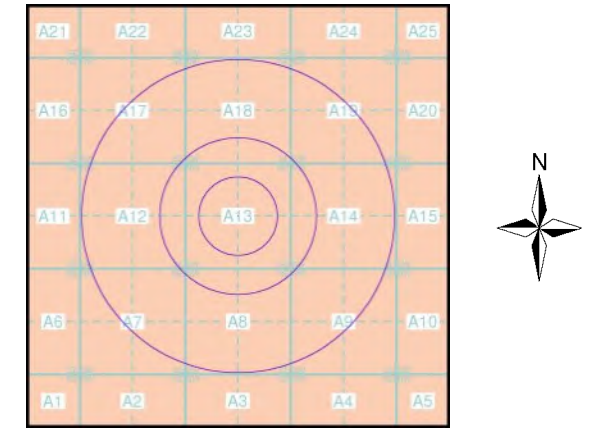
General
Specified Site Specified Buffer(s) Bearing Reference Point

Surface Water Velocity and Direction
0.00 - 0.25m/s
0.25 - 0.50m/s
0.50 - 1.00m/s
1.00 - 2.00m/s
> 2.00m/s
Flow Direction at maximum velocity

Contours (height in metres)
Standard Contour
Master Contour
Spot Height
MLW Mean Low Water
MHW Mean High Water
*167.8

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

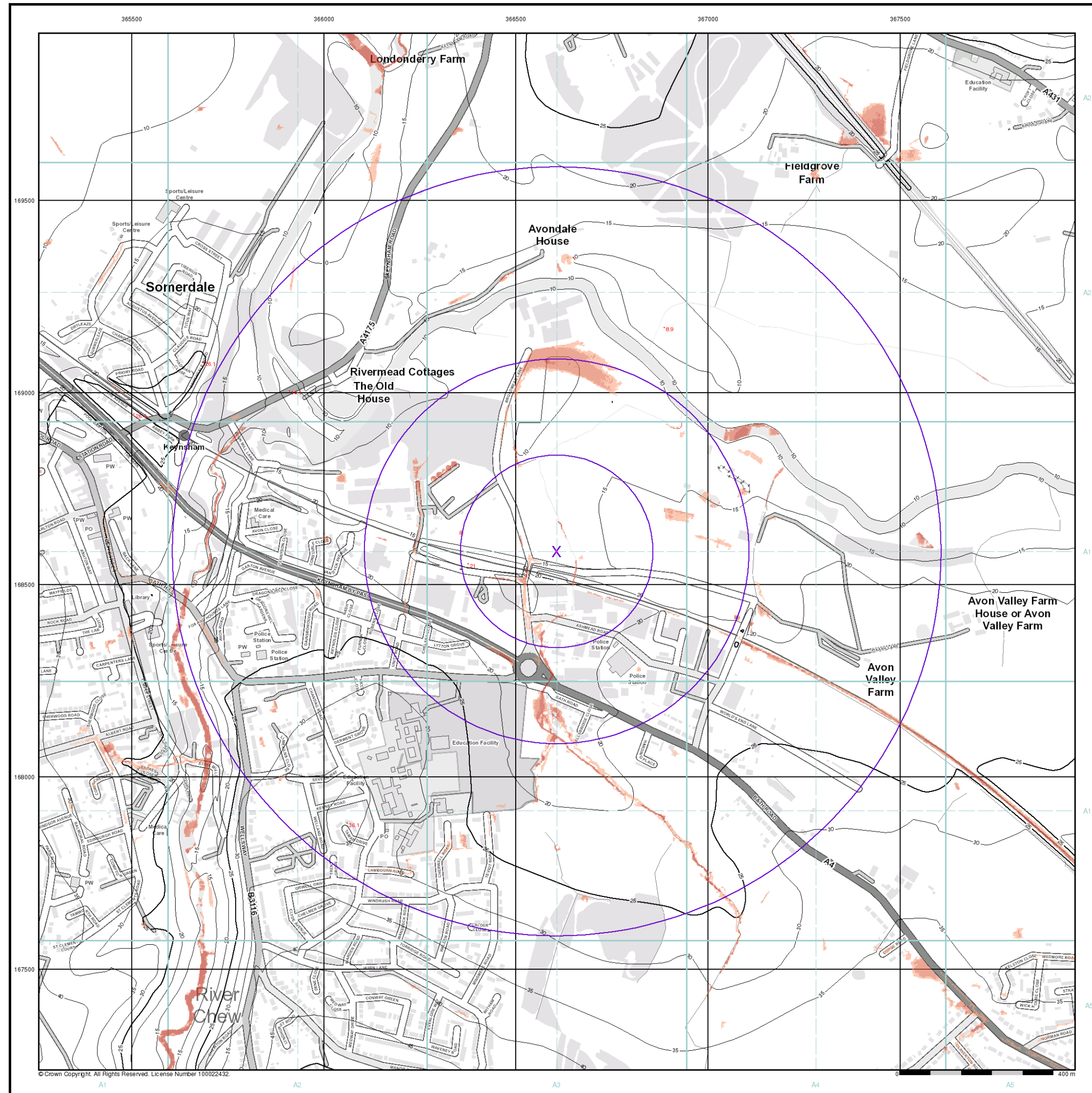
EANRW Suitability Map - Slice A



Order Details
Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details
Site at, Keynsham, Bath and North East Somerset

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EANRW Surface Water 30 Year Return Hazard Rating Map (1:10,000)

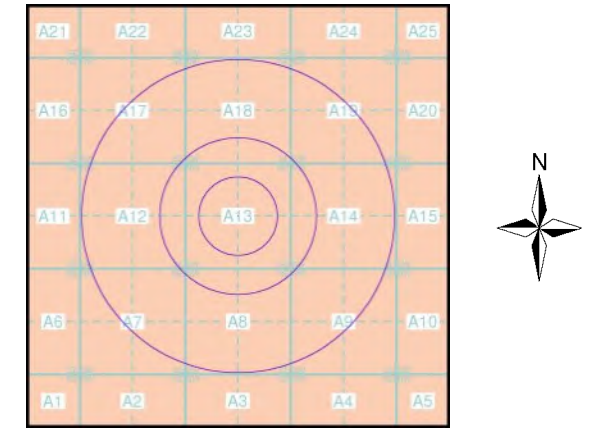
General
Specified Site Specified Buffer(s) Bearing Reference Point

Surface Water Hazard Rating
Low (0.5 – 0.75)
Moderate (0.75 – 1.25)
Significant (1.25 – 2.0)
Extreme (>2.0)

Contours (height in metres)
Standard Contour
Master Contour
Spot Height
MLW Mean Low Water
MHW Mean High Water
167.8

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

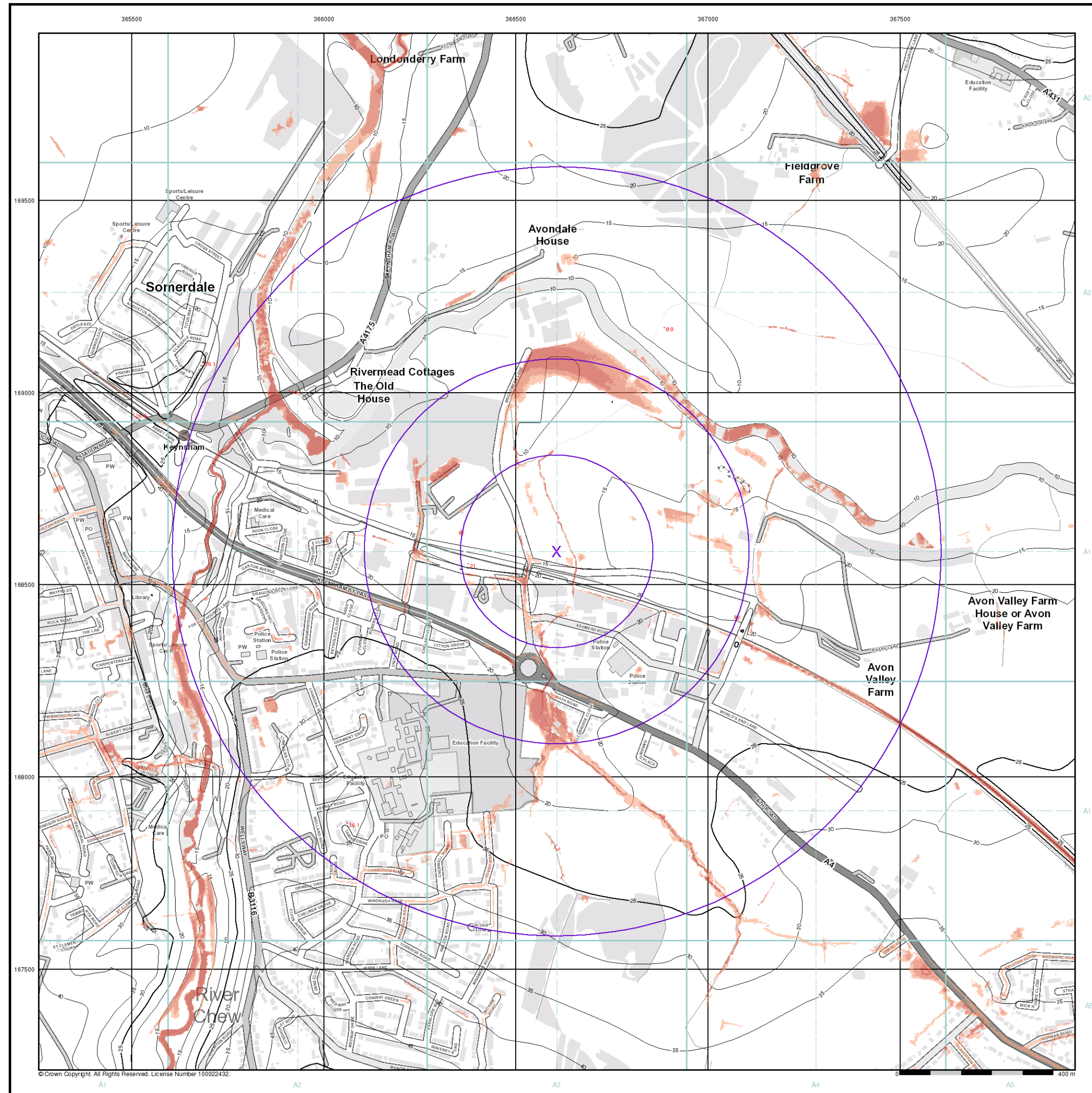
EANRW Suitability Map - Slice A



Order Details
Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details
Site at, Keynsham, Bath and North East Somerset

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E/NRW Surface Water 100 Year Return Hazard Rating Map (1:10,000)

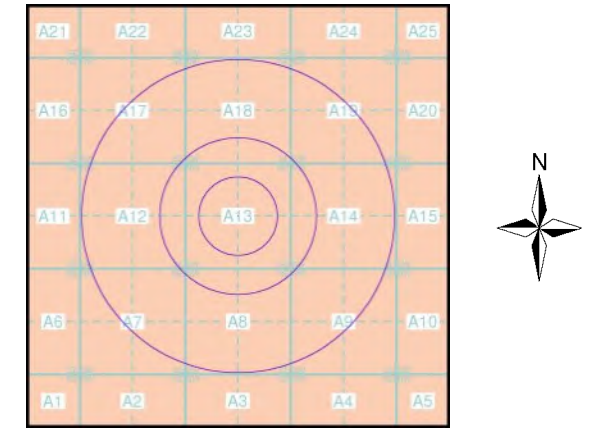
General
Specified Site Specified Buffer(s) Bearing Reference Point

Surface Water Hazard Rating
Low (0.5 – 0.75)
Moderate (0.75 – 1.25)
Significant (1.25 – 2.0)
Extreme (>2.0)

Contours (height in metres)
Standard Contour
Master Contour
Spot Height
MLW Mean Low Water
MHW Mean High Water
167.8

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

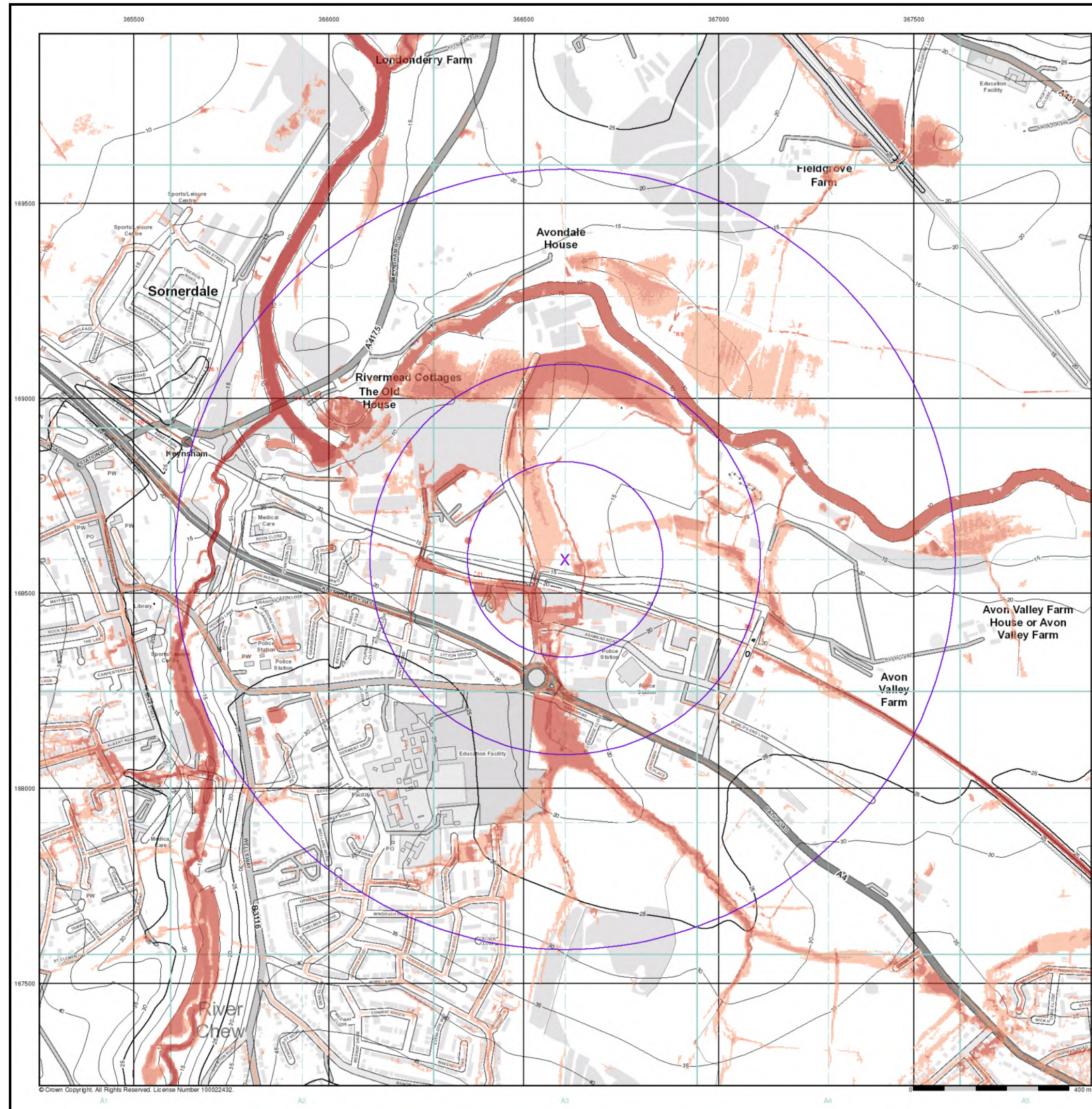
E/NRW Suitability Map - Slice A



Order Details
Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

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EANRW Surface Water 1000 Year Return Hazard Rating Map (1:10,000)

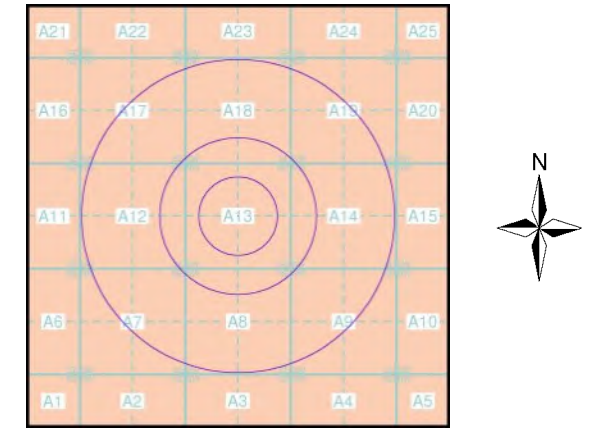
General
Specified Site Specified Buffer(s) X Bearing Reference Point

Surface Water Hazard Rating
Low (0.5 – 0.75)
Moderate (0.75 – 1.25)
Significant (1.25 – 2.0)
Extreme (>2.0)

Contours (height in metres)
Standard Contour 105 100 95
Master Contour
Spot Height 167.8
MLW Mean Low Water
MHV Mean High Water

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

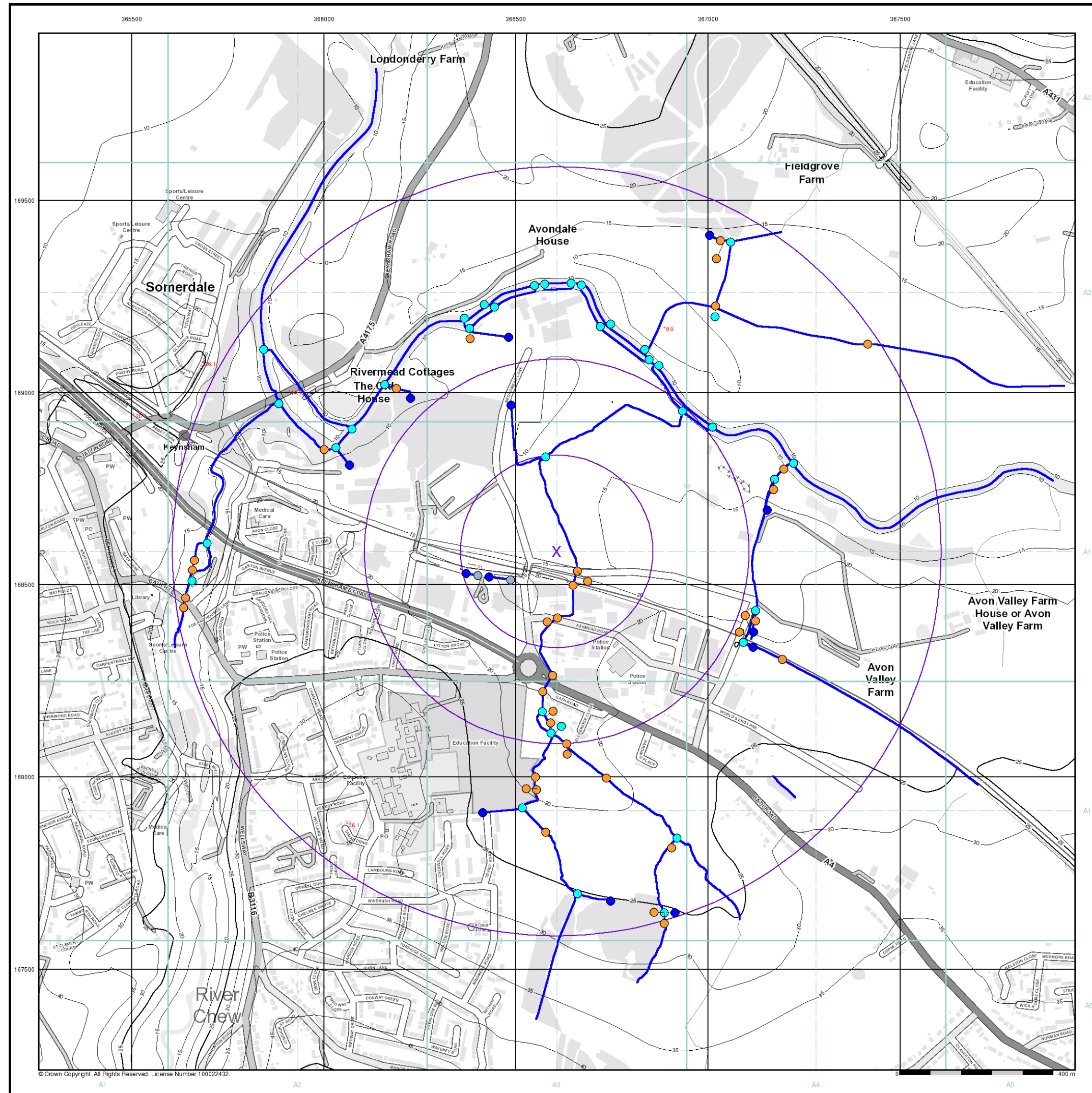
EANRW Suitability Map - Slice A



Order Details
Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
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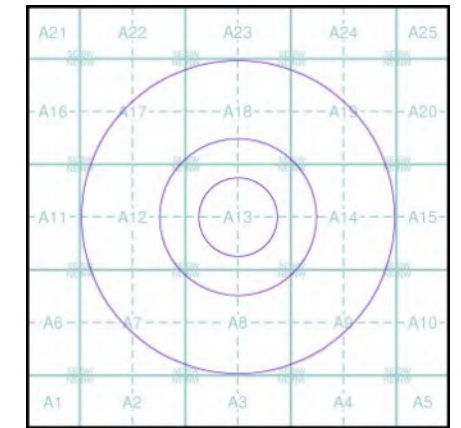
OS Water Network Lines Map (1:10,000)

- 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 |
| Junction | Source |
| Outlet | Other |
| Pseudo | |

- 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: 149353330_1_1
- Customer Ref: A4 Bristol to East Keynsham
- National Grid Reference: 366610, 168590
- Slice: A
- Site Area (Ha): 0.01
- Search Buffer (m): 1000

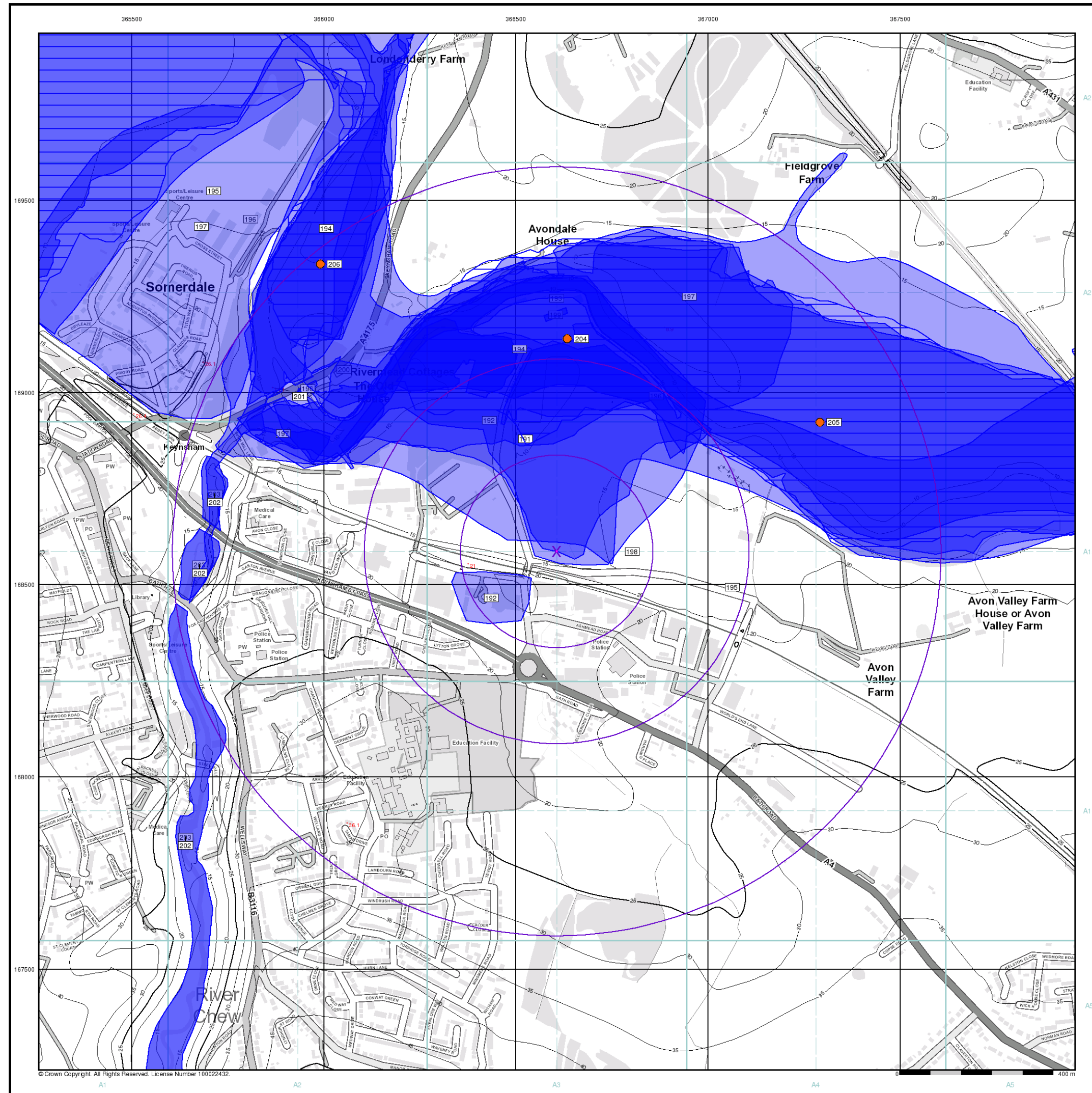
- Site Details**
- Site at, Keynsham, Bath and North East Somerset

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EANRW Historic Flood Map (1:10,000)

General

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

Historic Flood Events Data

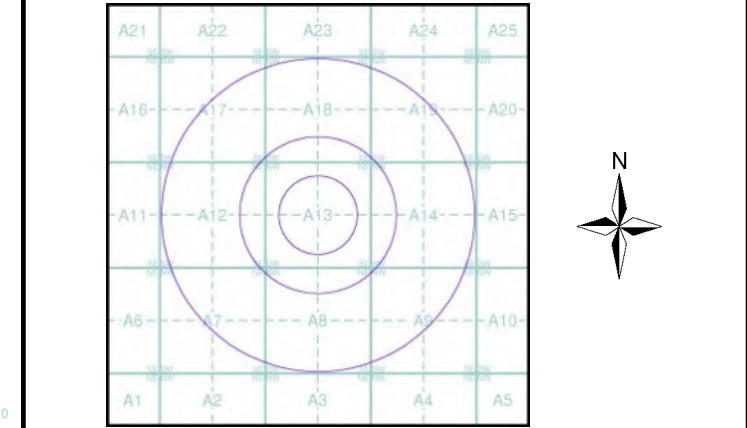
- Channel Capacity Exceeded (no raised defences)
- Groundwater/High Water Table
- Local Drainage/Surface Water
- Mechanical Failure
- Obstruction/Blockage - Bridge
- Obstruction/Blockage - Channel
- Obstruction/Blockage - Culvert
- Obstruction/Blockage - Debris Screen
- Operational Failure/Breach of Defence
- Other
- Overtopping of Defences
- Unknown

Historical Flood Liabilities

Contours (height in metres)

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

EANRW Historic Flood Map - Slice A

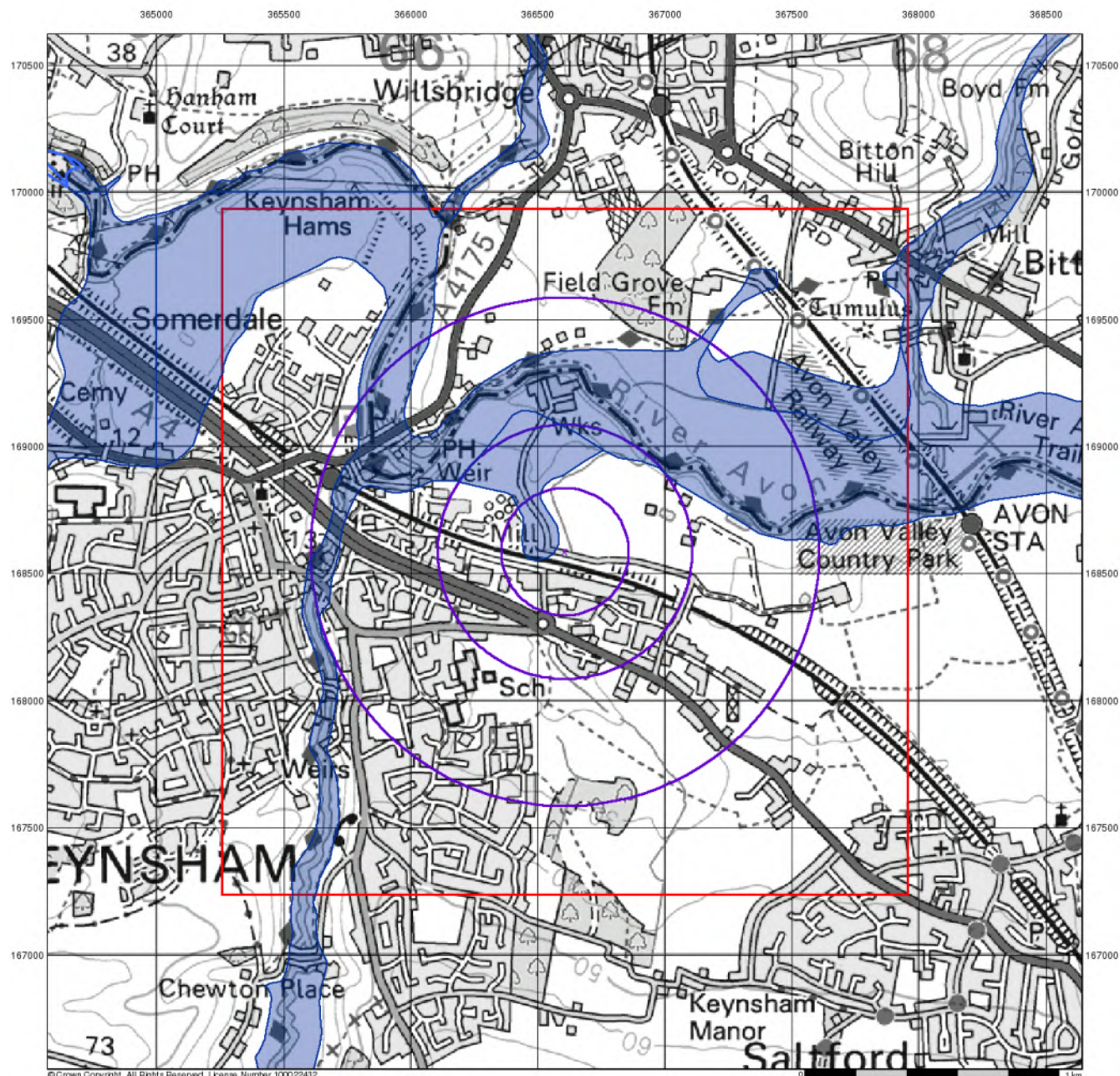


Order Details

Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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BGS Flood Data (1:50,000)

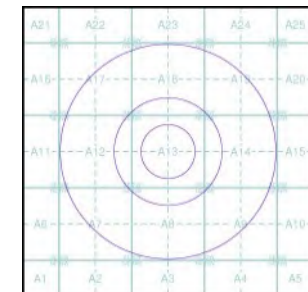
General

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

BGS Geological Indicators of Flooding

- Coastal
- Inland
- Bodies of Water

BGS Flood Data Map - Slice A



Order Details

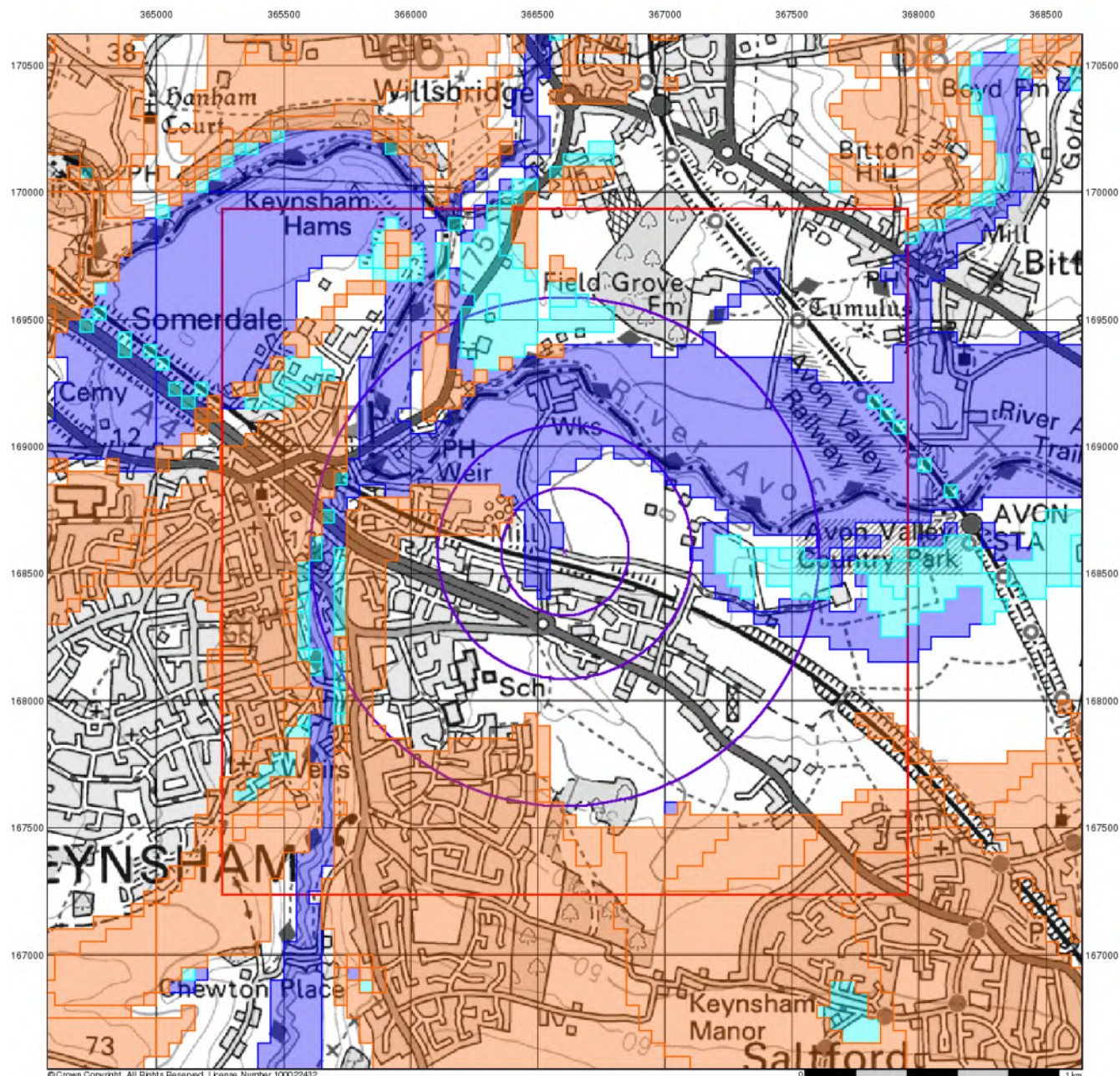
Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
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BGS Flood Data (1:50,000)

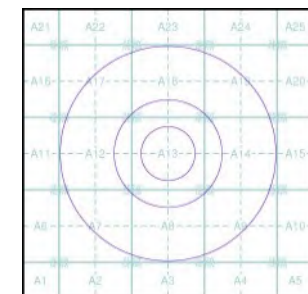
General

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

BGS Groundwater Flooding Susceptibility

- Potential for Groundwater Flooding to Occur at Surface
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Limited Potential for Groundwater Flooding to Occur

BGS Flood Data Map - Slice A



Order Details

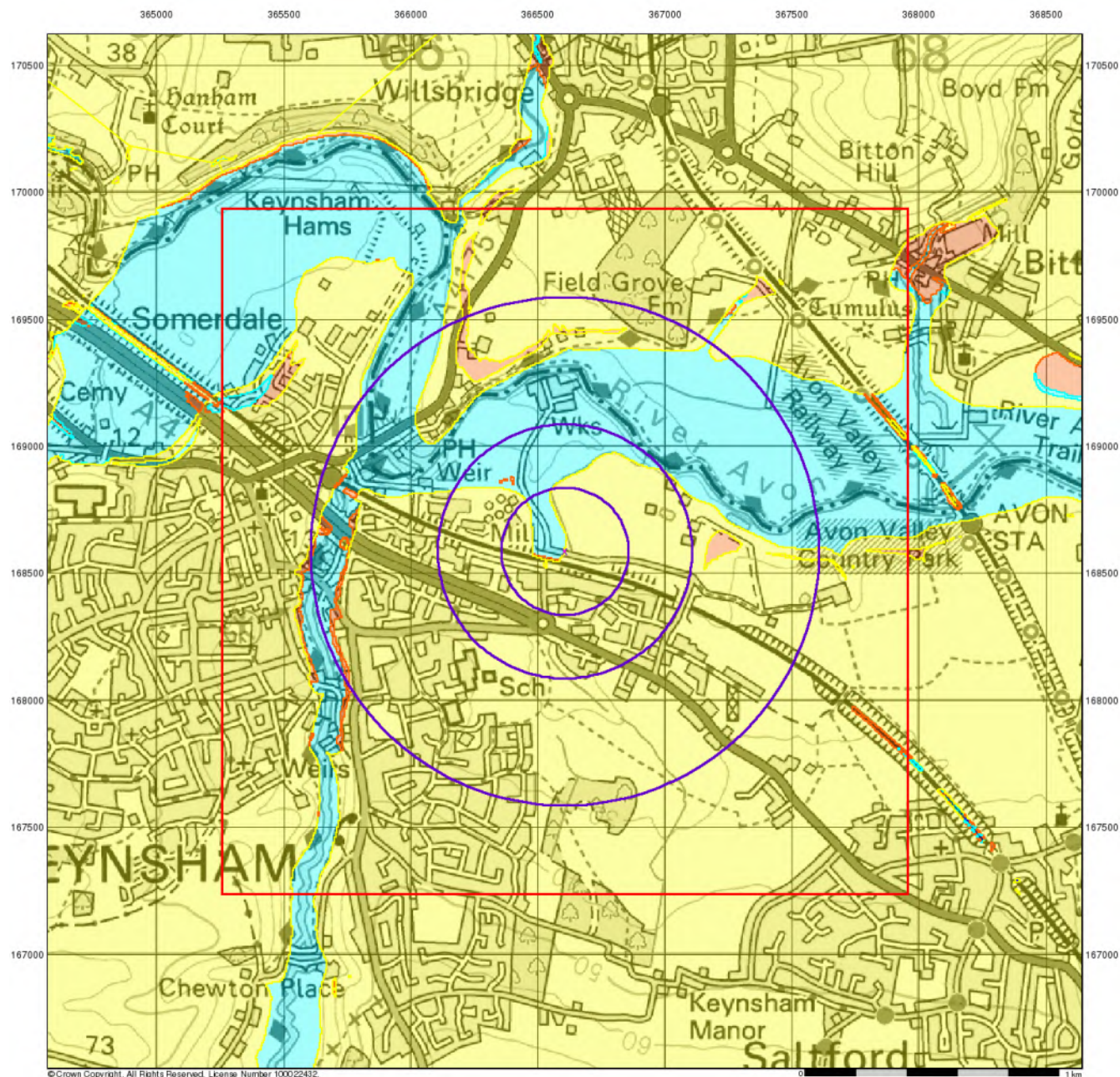
Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

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GeoSmart Information Groundwater Flood Map (1:50,000)

General

Specified Site Specified Buffer(s) Bearing Reference Point

Slice

GeoSmart Information Groundwater Flooding Risk

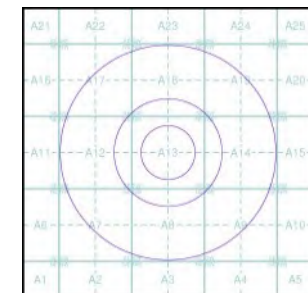
High Risk

Moderate Risk

Low Risk

Negligible Risk

GeoSmart Information Groundwater Flood Map - Slice A



Order Details

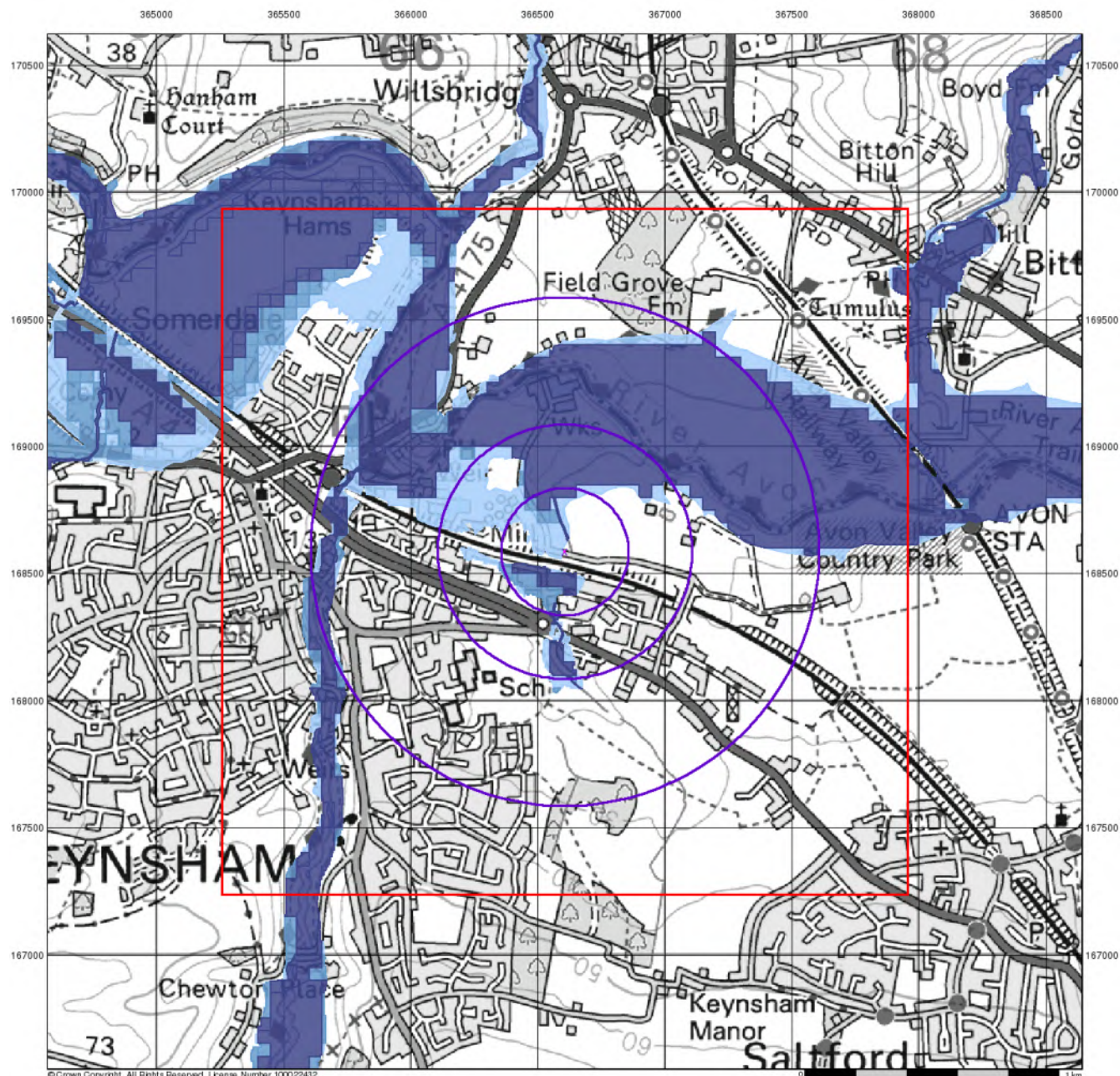
Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset

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EA/NRW RoFRS Data (1:50,000)

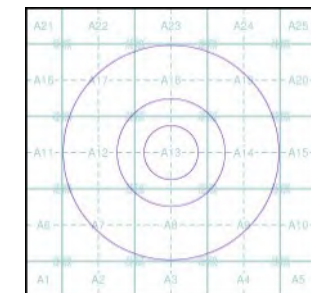
General

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

Risk of Flooding from Rivers and Sea (RoFRS)

- High Risk
- Medium Risk
- Low Risk
- Very Low Risk

EA/NRW RoFRS Data Map - Slice A



Order Details

Order Number: 149353330_1_1
 Customer Ref: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details

Site at, Keynsham, Bath and North East Somerset

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Tel: 0844 844 9952
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Envirocheck[®] Report:

Flood Screening Report Datasheet

Order Details:

Order Number:

149353330_1_1

Customer Reference:

A4 Bristol to East Keynsham

National Grid Reference:

366610, 168590

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Site at

Keynsham

Bath and North East Somerset

Client Details:

Miss T Lewis

Halcrow Group Ltd

1 The Square

Temple Quay

Bristol

Avon

BS1 6DG

Report Section and Details	Page Number
Summary	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer(s) selected. For ease of reference, the report is broken down into seven sections of data.</p>	
EA / NRW / CEH Flood Data	1
<p>This section details data from the Environment Agency/Natural Resources Wales and the Centre for Ecology and Hydrology.</p> <p>The EA/NRW data is reported to a distance of 250m from the edge of the site polygon and details both Zone 2 (extreme) and Zone 3 flood extents, as well as flood defences, flood water storage areas and areas benefiting from flood defences.</p> <p>The CEH data is reported to a distance of 250m from the edge of the site polygon and covers flood data for Scotland, divided into levels based on the frequency and magnitude of a predicted 100 year term.</p> <p>All data sets within this section are plotted and feature on the EA / NRW / CEH Flood Data (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.</p>	
JBA Flood Data	2
<p>This section contains the Comprehensive Flood Map ("CFM") data from JBA Risk Management Limited. The data is based upon the likelihood of a flood occurrence for up to 4 flood return periods depending on the type of flooding; these being 75 years, 100 years, 200 years and 1000 years. Each layer being modelled at a 5m cell resolution.</p> <p>Each return period is depicted on a separate 1:10,000 scale map and reports features to a distance of 250m in the datasheet from the edge of the site polygon.</p> <p>For each return period the following three sources of flooding are identified, surface water or pluvial flooding, undefended river flooding or fluvial flooding and undefended coastal flooding. In each case the extent of the flooding source is displayed with the associated depth range.</p> <p>In addition, a 1:10,000 scale map depicting flooding from a Canal Failure and a coverage check for this dataset is included.</p> <p>Where coverage exists, information is reported in the datasheet where the site could be affected by flooding that results from a dam breach.</p> <p>For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.</p>	
BGS Flood Data	75
<p>This section contains two BGS data sets; namely Geological Indicators of Flooding and Groundwater Flooding Susceptibility, both of which report features out to a possible 1000m, with coverage in England, Wales and Scotland.</p> <p>Each data set is plotted on a separate BGS Flood Data (1:50,000) map.</p>	
GeoSmart Information Groundwater Flood Data	77
<p>This section contains data provided by GeoSmart Information who, building on their expertise, have developed algorithms and calibrated predictions of the risk of groundwater flooding occurring in Great Britain. The resulting map, classifies groundwater flood risk for each 5m x 5m into four categories, negligible, low, moderate and high. These classifications are based on the level of risk, combining severity and uncertainty that a site will suffer groundwater flooding within a return period of about 200 years.</p>	
OS Water Network Data	80
<p>This section details the MasterMap Water Network data sourced from the Ordnance Survey. The OS MasterMap Water Network data details a network representing the watercourse within Great Britain.</p> <p>The OS Water Network Lines data set details the approximate central alignment of a watercourse, including rivers, lakes and canals.</p> <p>The OS Water Network Nodes data set details features that represent a river's source, end, a junction where three or more links meet, and places where the real world related attribution changes; for example a watercourse becoming tidal.</p> <p>The data sets within this section are plotted and feature on the OS Water Network Map (1:10,000) . For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.</p>	

EA/NRW Historic Flood Events Data	96
<p>This section details Historic Flood data sourced from the Environment Agency/Natural Resources Wales and from data held by Landmark. The EA/NRW Historic Flood Events data is reported to a distance of 1000m from the edge of the site polygon and details recorded historic flood events from 1703 to October 2008. The data also contains information on the source and cause of the flood, and how the flood outline was established.</p> <p>Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century.</p> <p>Both data sets within this section are plotted and feature on the EA/NRW Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.</p>	
EA/NRW RoFRS Data	98
<p>This section details the Risk of Flooding from Rivers and Sea (RoFRS) data sourced from the Environment Agency/Natural Resources Wales and is reported to a distance of 1000m from the edge of the site polygon. The RoFRS data provides an indication of areas of land at risk of flooding from rivers and the sea. These areas of land, called impacted cells, are represented as 50 metre squares, or smaller areas where a square is intersected by a river or coastline.</p> <p>The average height information of the impacted cell, modelled river and sea levels and information about over 200,000 flood defences are used as inputs to a computer flood model run by the Environment Agency/Natural Resources Wales. The model compares the probability that the flood defences will overtop or breach and the distance of the impact cell from the river or the sea for 40 scenarios for probabilities of between 100% to 0.1%.</p> <p>The results are then consolidated to calculate a single probability category for each impacted cell. These results have been validated by local staff using their local knowledge and expertise. RoFRS is a national flood risk assessment and does not contain information about property thresholds. Due to variations in the input data and the performance of the computer flood model at particular locations, the resulting category of an impacted cell should only be used at a specific study scale. In certain areas it would only be appropriate to compare risks between towns and counties whereas in other areas they would be more suitable for understanding risk at a street level. The level of suitability for a particular cell is indicated by the cell's suitability scale.</p> <p>The data within this section is plotted and feature on the EA/NRW RoFRS Data (1:50,000) map. This dataset is not available in Scotland.</p>	
Flood Insurance Risk Data	106
<p>This section contains flood risk data from Crawford and Company. This dataset is not plotted on any of the associated Flood maps.</p> <p>Crawford & Co have generated an Insurance Claims rating for Flood Risk. The risk is determined by comparing the number of flood insurance claims made to the number of properties in the postcode sector. The data will also include flood claims from domestic accidents or blocked drains, as well as flooding from river or tidal events. Flood insurance claim ratings are reported for the site only.</p>	
Data Currency	107
Data Suppliers	110
Useful Contacts	111

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / NRW / CEH Flood Data					
Extreme Flooding from Rivers or Sea without Defences	pg 1		2	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 1		2	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
JBA Flood Data					
JBA 75 Year Return (undefended) - Pluvial	pg 2		32	n/a	n/a
JBA 75 Year Return (undefended) - Fluvial	pg 3	1	352	n/a	n/a
JBA 75 Year Return (undefended) - Coastal				n/a	n/a
JBA 100 Year Return (undefended) - Fluvial	pg 19	1	383	n/a	n/a
JBA 100 Year Return (undefended) - Coastal				n/a	n/a
JBA 200 Year Return (undefended) - Pluvial	pg 37		58	n/a	n/a
JBA 200 Year Return (undefended) - Fluvial	pg 39	1	367	n/a	n/a
JBA 200 Year Return (undefended) - Coastal				n/a	n/a
JBA 1000 Year Return (undefended) - Pluvial	pg 56		87	n/a	n/a
JBA 1000 Year Return (undefended) - Fluvial	pg 60	1	315	n/a	n/a
JBA 1000 Year Return (undefended) - Coastal				n/a	n/a
JBA Canal Failure					
JBA Dam Break	pg 74				1
BGS Flood Data					
BGS Geological Indicators of Flooding	pg 75		1	1	1
BGS Groundwater Flooding Susceptibility	pg 75		2	1	25
GeoSmart Information Groundwater Flood					
GeoSmart Information Groundwater Flood Risk	pg 77	1	4	3	40
OS Water Network Data					
OS Water Network Lines	pg 80		10	11	82
OS Water Network Nodes	pg 91		10	9	70
EA/NRW Historic Flood Events Data					
Historic Flood Events	pg 96	2	1	5	5
Historical Flood Liabilities	pg 97				3
EA/NRW RoFRS Data					
RoFRS - Risk of Flooding from Rivers and Sea	pg 98		20	25	57
Flood Insurance Risk Data					
Postcode Sector Flood Insurance Claim Ratings	pg 106	1	n/a	n/a	n/a

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (W)	11	1	366596 168589
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	79	1	366590 168510
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	80	1	366585 168510
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	121	1	366575 168703
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	27	2	366630 168575
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	46	2	366650 168575
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	55	2	366660 168580
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	67	2	366540 168580
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	72	2	366540 168560
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	93	2	366530 168535
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	99	2	366545 168510
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	123	2	366500 168525
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	130	2	366510 168500
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	130	2	366515 168495
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	139	2	366630 168450
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	139	2	366480 168530
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	141	2	366515 168480
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	150	2	366470 168525
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	153	2	366515 168465
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	157	2	366606 168430
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	158	2	366620 168430
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	160	2	366455 168535
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	168	2	366625 168420
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	176	2	366550 168420
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	181	2	366525 168425
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	186	2	366570 168405

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	186	2	366445 168495
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	211	2	366410 168510
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	228	2	366555 168365
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	233	2	366525 168805
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	236	2	366385 168505
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	238	2	366375 168530
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	240	2	366570 168350
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	240	2	366375 168525
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	244	2	366580 168345
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	244	2	366510 168810
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	0	2	366606 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	4	2	366605 168590
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	4	2	366610 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	7	2	366600 168590
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	7	2	366600 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	15	2	366600 168600
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	17	2	366605 168570
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	19	2	366605 168605
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	19	2	366590 168595
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	20	2	366625 168590
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	21	2	366625 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	23	2	366625 168575

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	26	2	366595 168610
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	27	2	366625 168605
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	27	2	366580 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	28	2	366620 168610
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	28	2	366630 168600
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	28	2	366580 168595
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	30	2	366635 168590
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	30	2	366635 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	30	2	366630 168570
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	31	2	366595 168615
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	31	2	366635 168595
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	32	2	366635 168600
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	33	2	366625 168560
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	34	2	366605 168620
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	34	2	366606 168620
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	34	2	366640 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	35	2	366640 168595
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	35	2	366640 168590
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	35	2	366640 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	36	2	366630 168560
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	37	2	366640 168600
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	37	2	366570 168585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	38	2	366630 168615
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	39	2	366600 168625
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	39	2	366605 168625
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	39	2	366645 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	40	2	366615 168625
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	40	2	366645 168595
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	40	2	366645 168590
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	40	2	366570 168570
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	41	2	366620 168625
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	44	2	366650 168585
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	46	2	366620 168630
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	46	2	366630 168625
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	46	2	366575 168620
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	46	2	366645 168610
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	47	2	366565 168565
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	47	2	366560 168590
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	47	2	366560 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	47	2	366560 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	48	2	366640 168620
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	49	2	366560 168600
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	50	2	366560 168570
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	51	2	366560 168565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	52	2	366650 168560
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	53	2	366635 168630
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	54	2	366610 168640
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	54	2	366575 168630
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	54	2	366660 168585
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	55	2	366615 168640
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	55	2	366580 168635
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	55	2	366660 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	55	2	366560 168615
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	56	2	366620 168640
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	56	2	366555 168565
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	59	2	366630 168640
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	59	2	366665 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	61	2	366590 168645
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	61	2	366550 168565
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	62	2	366625 168645
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	62	2	366575 168640
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	62	2	366545 168590
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	63	2	366585 168645
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	65	2	366650 168540
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	65	2	366595 168650
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	67	2	366575 168645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	67	2	366540 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	67	2	366545 168560
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	68	2	366650 168535
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	68	2	366545 168615
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	69	2	366606 168655
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	69	2	366615 168655
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	69	2	366675 168585
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	69	2	366660 168545
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	70	2	366595 168655
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	70	2	366675 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	70	2	366670 168560
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	71	2	366590 168655
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	72	2	366585 168655
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	72	2	366535 168590
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	72	2	366535 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	73	2	366675 168565
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	74	2	366606 168660
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	74	2	366610 168660
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	74	2	366680 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	74	2	366675 168560
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	74	2	366670 168550
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	75	2	366595 168660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	75	2	366535 168610
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	76	2	366680 168570
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	76	2	366675 168555
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	76	2	366540 168550
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	77	2	366680 168565
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	77	2	366535 168615
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	78	2	366530 168575
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	78	2	366530 168570
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	79	2	366675 168550
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	80	2	366650 168520
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	80	2	366540 168630
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	81	2	366675 168545
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	82	2	366525 168575
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	84	2	366600 168670
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	84	2	366605 168670
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	84	2	366690 168585
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	84	2	366685 168560
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	85	2	366650 168515
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	85	2	366685 168555
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	85	2	366680 168545
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	86	2	366535 168635
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	89	2	366605 168675

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	89	2	366540 168645
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	90	2	366685 168545
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	92	2	366515 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	94	2	366606 168680
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	94	2	366575 168675
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	94	2	366700 168587
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	94	2	366700 168585
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	95	2	366700 168575
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	95	2	366525 168635
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	96	2	366570 168675
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	96	2	366550 168510
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	96	2	366560 168670
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	97	2	366510 168575
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	98	2	366700 168560
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	99	2	366575 168680
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	99	2	366695 168545
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	100	2	366545 168665
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	101	2	366535 168515
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	101	2	366550 168670
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	102	2	366505 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	103	2	366705 168560
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	104	2	366705 168555

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	105	2	366645 168490
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	107	2	366565 168685
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	107	2	366710 168565
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	107	2	366525 168655
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	107	2	366500 168580
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	108	2	366640 168485
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (S)	109	2	366625 168480
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	109	2	366600 168695
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	109	2	366505 168625
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	112	2	366640 168480
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	112	2	366580 168695
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	112	2	366565 168690
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	112	2	366550 168490
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	113	2	366615 168475
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	113	2	366620 168475
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	113	2	366525 168665
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	113	2	366510 168645
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	113	2	366500 168625
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	114	2	366625 168475
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	114	2	366555 168485
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	116	2	366555 168690
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (SW)	116	2	366515 168515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (SW)	116	2	366520 168510
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	117	2	366605 168470
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (S)	117	2	366606 168470
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	117	2	366610 168470
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	117	2	366500 168635
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	117	2	366520 168665
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	118	2	366595 168470
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	118	2	366560 168695
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	119	2	366645 168475
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	119	2	366585 168470
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	119	2	366540 168685
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	120	2	366565 168475
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	120	2	366505 168650
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	121	2	366565 168700
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	123	2	366575 168705
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	125	2	366660 168475
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	126	2	366565 168705
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	126	2	366495 168645
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	126	2	366560 168470
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	129	2	366555 168705
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	133	2	366485 168640
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	133	2	366510 168495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	136	2	366555 168460
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	136	2	366525 168695
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	138	2	366620 168450
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	139	2	366630 168450
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	140	2	366565 168720
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	140	2	366505 168490
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	140	2	366510 168485
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	142	2	366606 168445
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	142	2	366560 168720
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	144	2	366585 168445
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	145	2	366540 168715
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	146	2	366560 168725
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	147	2	366600 168440
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	148	2	366595 168440
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	150	2	366550 168725
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	150	2	366535 168455
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	152	2	366605 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	152	2	366606 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	152	2	366610 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	152	2	366615 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	152	2	366525 168715
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	155	2	366635 168435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	156	2	366535 168725
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (SW)	157	2	366465 168520
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	158	2	366590 168430
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	158	2	366540 168730
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	159	2	366550 168735
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	161	2	366580 168745
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	162	2	366565 168430
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	162	2	366606 168425
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	163	2	366460 168515
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	166	2	366580 168750
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	167	2	366540 168740
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	168	2	366570 168750
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	168	2	366590 168420
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	168	2	366460 168505
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	169	2	366560 168425
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (W)	170	2	366445 168535
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	170	2	366450 168520
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	171	2	366580 168755
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	172	2	366490 168460
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	173	2	366515 168440
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	173	2	366545 168425
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	174	2	366565 168755

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	174	2	366440 168535
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	175	2	366560 168755
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	176	2	366440 168530
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	176	2	366510 168440
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	178	2	366570 168760
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	178	2	366500 168445
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	179	2	366535 168750
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	180	2	366510 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	180	2	366490 168450
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	181	2	366540 168755
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	183	2	366585 168405
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	183	2	366550 168760
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	183	2	366430 168540
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	183	2	366560 168410
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	184	2	366580 168405
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	185	2	366575 168405
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	186	2	366570 168405
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	186	2	366500 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	186	2	366475 168455
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	187	2	366570 168770
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	188	2	366585 168400
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	189	2	366495 168435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	189	2	366510 168425
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	190	2	366575 168400
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	190	2	366525 168415
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	191	2	366570 168400
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	191	2	366575 168775
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	191	2	366505 168425
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	193	2	366590 168395
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	193	2	366565 168775
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	193	2	366505 168750
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	193	2	366560 168400
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	193	2	366520 168415
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	194	2	366460 168460
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	196	2	366535 168405
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	197	2	366565 168395
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	197	2	366600 168390
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	197	2	366425 168510
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	198	2	366480 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	198	2	366560 168395
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	199	2	366560 168780
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	203	2	366520 168770
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	203	2	366410 168535
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	203	2	366540 168395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	204	2	366470 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	204	2	366525 168400
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	204	2	366555 168390
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	205	2	366555 168785
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	205	2	366445 168460
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	206	2	366545 168390
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	208	2	366590 168380
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	208	2	366530 168780
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	208	2	366545 168785
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	208	2	366540 168390
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	208	2	366470 168430
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	209	2	366580 168380
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	209	2	366405 168530
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	210	2	366575 168380
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	210	2	366570 168380
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	210	2	366435 168465
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	210	2	366535 168390
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	211	2	366565 168380
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	212	2	366440 168455
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	213	2	366555 168380
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	213	2	366420 168485
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	214	2	366580 168375

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	215	2	366445 168445
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	215	2	366460 168430
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	215	2	366465 168425
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	216	2	366435 168455
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	218	2	366445 168440
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	218	2	366450 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	218	2	366540 168380
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	218	2	366455 168430
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	219	2	366415 168480
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	219	2	366535 168380
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	220	2	366570 168370
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	220	2	366395 168525
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	222	2	366440 168440
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	222	2	366445 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	222	2	366455 168425
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	223	2	366480 168770
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	223	2	366435 168445
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	224	2	366415 168470
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	224	2	366405 168490
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	225	2	366555 168805
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	225	2	366440 168435
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	225	2	366445 168430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	226	2	366550 168805
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	226	2	366435 168440
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	226	2	366420 168460
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	227	2	366480 168775
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	227	2	366430 168445
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	228	2	366590 168360
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	230	2	366555 168810
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	230	2	366475 168775
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	232	2	366505 168795
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	234	2	366550 168360
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	235	2	366390 168495
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	237	2	366560 168355
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	237	2	366390 168490
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	239	2	366575 168350
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	240	2	366570 168350
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	241	2	366375 168520
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	242	2	366370 168535
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	243	2	366585 168345
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	244	2	366605 168830
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	244	2	366600 168830
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	244	2	366606 168830
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	244	2	366550 168350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	245	2	366570 168345
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	245	2	366380 168495
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	247	2	366365 168535
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	248	2	366560 168830
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	248	2	366510 168815
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	249	2	366575 168340
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	249	2	366606 168835
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	249	2	366610 168835
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	249	2	366615 168835
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	249	2	366550 168345
	JBA 75 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	250	2	366570 168340
	JBA 75 Year Return (undefended) - Coastal None				
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	0	2	366606 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	4	2	366605 168590
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	4	2	366610 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	7	2	366600 168590
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	7	2	366600 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	15	2	366600 168600
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	17	2	366605 168570
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	19	2	366605 168605
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	19	2	366590 168595
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	19	2	366625 168587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	21	2	366625 168580
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	23	2	366625 168575
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	26	2	366595 168610
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	27	2	366625 168605
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	27	2	366580 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	28	2	366620 168610
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	28	2	366630 168600
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	28	2	366580 168595
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	29	2	366600 168615
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	29	2	366606 168615
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	30	2	366630 168570
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	30	2	366635 168590
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	31	2	366595 168615
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	31	2	366635 168595
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	32	2	366635 168600
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	32	2	366575 168585
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	33	2	366625 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	34	2	366606 168620
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	34	2	366640 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	35	2	366640 168580
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	35	2	366640 168595
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	35	2	366640 168590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	36	2	366630 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	37	2	366640 168600
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	38	2	366630 168615
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	38	2	366590 168620
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	39	2	366645 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	40	2	366570 168570
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	40	2	366615 168625
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	40	2	366645 168595
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	40	2	366645 168590
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	41	2	366620 168625
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	41	2	366570 168605
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	44	2	366650 168585
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	46	2	366620 168630
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	46	2	366575 168620
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	46	2	366645 168610
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	47	2	366560 168590
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	47	2	366560 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	47	2	366560 168580
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	47	2	366565 168565
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	48	2	366640 168620
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	49	2	366560 168600
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	50	2	366560 168570

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	50	2	366630 168630
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	51	2	366560 168565
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	52	2	366650 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	53	2	366635 168630
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	54	2	366575 168630
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	54	2	366610 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	54	2	366660 168585
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	55	2	366560 168615
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	55	2	366595 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	55	2	366615 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	55	2	366660 168580
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	56	2	366555 168565
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	56	2	366620 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	57	2	366565 168625
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	58	2	366585 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	59	2	366630 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	59	2	366665 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	61	2	366550 168565
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	61	2	366590 168645
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	62	2	366545 168590
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	62	2	366575 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	62	2	366625 168645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	65	2	366545 168565
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	65	2	366595 168650
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	65	2	366650 168540
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	67	2	366545 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	67	2	366575 168645
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	68	2	366545 168615
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	68	2	366650 168535
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	69	2	366606 168655
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	69	2	366615 168655
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	69	2	366675 168585
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	69	2	366660 168545
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	70	2	366670 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	70	2	366595 168655
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	70	2	366675 168580
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	71	2	366590 168655
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	72	2	366535 168595
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	72	2	366535 168590
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	72	2	366535 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	72	2	366540 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	72	2	366585 168655
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	73	2	366675 168565
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	74	2	366535 168570

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	74	2	366675 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	74	2	366540 168555
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	74	2	366605 168660
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	74	2	366606 168660
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	74	2	366680 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	74	2	366670 168550
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	75	2	366535 168610
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	75	2	366595 168660
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	76	2	366540 168550
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	76	2	366680 168570
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	76	2	366675 168555
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	77	2	366535 168615
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	77	2	366680 168565
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	78	2	366530 168575
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	78	2	366530 168570
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	79	2	366675 168550
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	80	2	366540 168630
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	81	2	366675 168545
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	82	2	366530 168615
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	82	2	366525 168575
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	84	2	366685 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	84	2	366600 168670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	84	2	366605 168670
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	84	2	366690 168585
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	85	2	366650 168515
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	85	2	366685 168555
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	85	2	366680 168545
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	86	2	366530 168625
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	86	2	366535 168635
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	87	2	366655 168515
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	89	2	366540 168645
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	89	2	366605 168675
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	90	2	366525 168625
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	90	2	366685 168545
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	92	2	366525 168630
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	92	2	366515 168580
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	94	2	366575 168675
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	94	2	366605 168680
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	94	2	366606 168680
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	94	2	366700 168585
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	94	2	366700 168587
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	95	2	366700 168575
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	96	2	366550 168510
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	96	2	366560 168670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	97	2	366510 168575
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	98	2	366700 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	99	2	366575 168680
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	99	2	366695 168545
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	100	2	366545 168665
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	101	2	366550 168670
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	102	2	366505 168580
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	103	2	366705 168560
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	104	2	366705 168555
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	105	2	366645 168490
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	107	2	366710 168565
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	107	2	366525 168655
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	107	2	366565 168685
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	108	2	366550 168495
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	109	2	366505 168625
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	109	2	366600 168695
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	109	2	366625 168480
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	112	2	366550 168490
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	112	2	366580 168695
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	112	2	366565 168690
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	112	2	366640 168480
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	113	2	366505 168635

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	113	2	366510 168645
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (SW)	113	2	366520 168515
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	113	2	366500 168625
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	113	2	366525 168665
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	113	2	366615 168475
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	114	2	366555 168485
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	114	2	366625 168475
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	115	2	366505 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	116	2	366555 168690
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	116	2	366660 168485
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	117	2	366606 168470
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	117	2	366560 168480
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	117	2	366520 168665
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	118	2	366560 168695
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	118	2	366590 168470
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	118	2	366595 168470
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	119	2	366540 168685
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	119	2	366585 168470
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	119	2	366645 168475
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	120	2	366565 168475
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	121	2	366565 168700
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	122	2	366665 168480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	122	2	366655 168475
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (S)	123	2	366645 168470
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	123	2	366505 168655
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	123	2	366575 168705
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	124	2	366510 168665
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	124	2	366500 168650
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	125	2	366660 168475
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	126	2	366485 168620
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	126	2	366560 168470
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	126	2	366565 168705
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	127	2	366655 168470
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	128	2	366490 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	128	2	366510 168670
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	128	2	366495 168650
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	129	2	366555 168705
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	132	2	366605 168455
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	132	2	366610 168455
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	132	2	366500 168665
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	133	2	366485 168640
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	133	2	366510 168495
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	134	2	366660 168465
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	134	2	366630 168455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	135	2	366560 168460
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	136	2	366550 168710
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	136	2	366525 168695
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	136	2	366555 168460
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	137	2	366570 168455
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (S)	137	2	366610 168450
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	139	2	366555 168715
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	140	2	366510 168485
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	140	2	366565 168720
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	141	2	366640 168450
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	142	2	366505 168685
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	142	2	366600 168445
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	144	2	366585 168445
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	145	2	366540 168715
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	145	2	366560 168450
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	146	2	366560 168725
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	147	2	366600 168440
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	149	2	366515 168470
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	149	2	366585 168440
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	150	2	366550 168725
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	150	2	366575 168440
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	152	2	366525 168715

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	152	2	366605 168435
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	153	2	366565 168440
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	153	2	366590 168435
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	155	2	366535 168450
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (SW)	157	2	366465 168520
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	159	2	366550 168735
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	161	2	366580 168745
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	163	2	366460 168515
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	166	2	366580 168750
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	167	2	366540 168740
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	167	2	366606 168420
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	168	2	366460 168505
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	168	2	366570 168750
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	168	2	366590 168420
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	169	2	366560 168425
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (W)	170	2	366445 168535
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	171	2	366540 168430
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	171	2	366580 168755
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	173	2	366545 168425
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	174	2	366440 168535
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	174	2	366565 168755
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	175	2	366560 168755

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	176	2	366440 168530
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	178	2	366500 168445
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	178	2	366570 168760
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	179	2	366535 168750
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	179	2	366505 168440
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	180	2	366510 168435
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	181	2	366540 168755
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	182	2	366500 168440
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	182	2	366535 168420
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	183	2	366550 168760
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	183	2	366505 168435
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	183	2	366430 168540
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	183	2	366585 168405
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	184	2	366580 168405
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	185	2	366575 168405
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	186	2	366515 168425
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	186	2	366570 168405
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	187	2	366485 168445
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	187	2	366570 168770
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	187	2	366565 168405
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	188	2	366490 168440
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	189	2	366510 168425

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	189	2	366580 168400
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	190	2	366465 168460
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	190	2	366475 168450
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	190	2	366500 168430
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	190	2	366575 168400
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	191	2	366500 168745
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	191	2	366505 168425
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	191	2	366575 168775
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	193	2	366560 168400
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	193	2	366505 168750
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	193	2	366520 168415
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	193	2	366590 168395
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	193	2	366565 168775
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	194	2	366530 168765
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	194	2	366465 168455
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	194	2	366495 168745
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	195	2	366525 168410
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	196	2	366535 168405
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	197	2	366565 168395
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	197	2	366600 168390
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	198	2	366560 168395
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	199	2	366425 168505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	199	2	366560 168780
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	199	2	366500 168755
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	202	2	366450 168460
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	203	2	366410 168535
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	204	2	366525 168400
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	204	2	366470 168435
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	205	2	366475 168430
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	205	2	366555 168785
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	206	2	366545 168390
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	206	2	366565 168385
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	207	2	366560 168385
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	208	2	366405 168535
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	208	2	366540 168390
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	208	2	366470 168430
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	208	2	366590 168380
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	209	2	366445 168455
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	209	2	366580 168380
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	210	2	366535 168390
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	210	2	366575 168380
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	210	2	366570 168380
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	211	2	366495 168765
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	211	2	366460 168435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	211	2	366565 168380
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	212	2	366485 168760
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	212	2	366440 168455
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	213	2	366555 168380
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	213	2	366425 168475
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	214	2	366580 168375
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	215	2	366480 168760
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	215	2	366445 168445
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	215	2	366460 168430
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	215	2	366465 168425
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	217	2	366415 168485
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	218	2	366395 168535
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	218	2	366540 168380
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	218	2	366450 168435
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	218	2	366460 168425
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	219	2	366535 168380
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	219	2	366440 168445
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	219	2	366525 168790
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	220	2	366395 168525
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	220	2	366435 168450
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	220	2	366570 168370
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	222	2	366415 168475

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	222	2	366455 168425
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	224	2	366415 168470
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	224	2	366405 168490
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	225	2	366440 168435
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	226	2	366420 168460
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	226	2	366475 168770
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	226	2	366405 168485
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	227	2	366430 168445
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	228	2	366590 168360
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	229	2	366580 168360
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	231	2	366565 168360
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	234	2	366550 168360
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	234	2	366555 168815
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	234	2	366590 168820
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	234	2	366600 168820
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	237	2	366565 168820
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	237	2	366560 168355
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	238	2	366560 168820
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	239	2	366575 168350
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	239	2	366605 168825
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	239	2	366606 168825
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	240	2	366570 168350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	241	2	366375 168520
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	242	2	366370 168535
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	242	2	366385 168490
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	243	2	366585 168345
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	244	2	366595 168830
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	244	2	366606 168830
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	244	2	366615 168830
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	244	2	366550 168350
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	245	2	366380 168495
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	245	2	366570 168345
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	245	2	366580 168830
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	246	2	366565 168345
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	246	2	366575 168830
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	247	2	366365 168535
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	249	2	366365 168525
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	249	2	366375 168495
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	249	2	366550 168345
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	249	2	366600 168835
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	249	2	366620 168835
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	250	2	366580 168835
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	250	2	366585 168835
	JBA 100 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	250	2	366630 168835

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 100 Year Return (undefended) - Coastal None				
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	23	2	366625 168575
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	27	2	366580 168587
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	31	2	366630 168605
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	32	2	366635 168600
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	35	2	366625 168615
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	38	2	366630 168615
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	38	2	366635 168610
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	46	2	366650 168575
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	50	2	366655 168580
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	68	2	366555 168630
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	69	2	366580 168650
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	83	2	366535 168545
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	91	2	366695 168570
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	96	2	366550 168510
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	101	2	366535 168515
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	103	2	366545 168505
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	109	2	366505 168625
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	110	2	366530 168665
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	112	2	366550 168490
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	112	2	366640 168480
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	113	2	366620 168475

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	114	2	366625 168475
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	129	2	366535 168480
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	130	2	366510 168500
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	137	2	366505 168495
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	139	2	366630 168450
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	146	2	366640 168445
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	148	2	366470 168530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	148	2	366625 168440
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	153	2	366620 168435
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	154	2	366515 168710
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	155	2	366635 168435
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	157	2	366465 168520
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	160	2	366455 168535
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	161	2	366530 168445
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	162	2	366600 168425
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	162	2	366606 168425
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	164	2	366545 168435
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	164	2	366630 168425
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	166	2	366460 168510
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	175	2	366520 168435
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	176	2	366530 168745
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	192	2	366550 168770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	197	2	366430 168500
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	200	2	366540 168775
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	207	2	366795 168670
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	212	2	366405 168520
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	219	2	366505 168780
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	223	2	366555 168370
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	225	2	366390 168525
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	226	2	366400 168495
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	238	2	366375 168530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	242	2	366375 168515
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	242	2	366515 168810
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	244	2	366580 168345
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	246	2	366415 168740
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	246	2	366515 168815
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	246	2	366530 168820
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	0	2	366606 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	2	2	366605 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	4	2	366610 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	7	2	366600 168590
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	10	2	366610 168595
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	14	2	366620 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	15	2	366600 168600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	15	2	366620 168590
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	17	2	366605 168570
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	19	2	366625 168585
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	21	2	366625 168580
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	21	2	366625 168595
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	22	2	366595 168605
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	23	2	366625 168575
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	24	2	366625 168600
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	26	2	366595 168610
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	27	2	366580 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	28	2	366620 168610
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	28	2	366630 168600
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	29	2	366600 168615
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	29	2	366606 168615
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	30	2	366630 168570
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	30	2	366635 168590
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	31	2	366595 168615
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	32	2	366635 168600
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	32	2	366575 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	34	2	366606 168620
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	35	2	366640 168595
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	35	2	366640 168590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	37	2	366640 168600
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	38	2	366590 168620
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	38	2	366630 168615
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	39	2	366645 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	40	2	366570 168570
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	41	2	366620 168625
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	41	2	366570 168605
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	43	2	366565 168575
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	44	2	366650 168585
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	44	2	366650 168590
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	44	2	366565 168600
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	45	2	366565 168570
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	46	2	366620 168630
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	46	2	366575 168620
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	46	2	366645 168610
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	46	2	366565 168605
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	47	2	366560 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	47	2	366560 168590
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	48	2	366640 168620
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	48	2	366565 168610
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	50	2	366630 168630
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	50	2	366560 168570

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	51	2	366560 168565
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	52	2	366650 168560
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	52	2	366640 168625
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	53	2	366635 168630
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	53	2	366570 168625
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	54	2	366610 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	54	2	366630 168635
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	54	2	366660 168585
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	55	2	366615 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	55	2	366660 168580
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	55	2	366560 168615
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	56	2	366620 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	57	2	366570 168630
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	58	2	366585 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	58	2	366575 168635
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	59	2	366630 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	59	2	366665 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	60	2	366560 168625
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	61	2	366550 168565
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	62	2	366545 168595
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	62	2	366625 168645
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	65	2	366545 168565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	65	2	366595 168650
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	67	2	366545 168560
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	68	2	366655 168540
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	69	2	366675 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	69	2	366675 168585
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	69	2	366660 168545
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	69	2	366606 168655
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	69	2	366615 168655
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	69	2	366580 168650
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	70	2	366675 168580
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	71	2	366590 168655
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	72	2	366540 168560
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	72	2	366535 168595
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	72	2	366535 168587
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	72	2	366535 168585
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	73	2	366675 168565
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	74	2	366675 168560
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	74	2	366670 168550
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	74	2	366540 168555
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	74	2	366606 168660
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	76	2	366680 168570
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	76	2	366675 168555

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	76	2	366540 168550
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	77	2	366530 168595
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	77	2	366530 168590
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	78	2	366530 168600
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	78	2	366530 168575
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	78	2	366530 168570
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	79	2	366675 168550
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	79	2	366530 168605
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	80	2	366540 168630
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	81	2	366675 168545
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	82	2	366530 168615
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	82	2	366525 168575
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	82	2	366585 168665
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	84	2	366690 168585
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	84	2	366605 168670
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	85	2	366685 168555
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	85	2	366595 168670
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	85	2	366650 168515
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	86	2	366530 168625
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	87	2	366685 168550
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	87	2	366655 168515
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	87	2	366520 168580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	89	2	366535 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	89	2	366605 168675
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	90	2	366685 168545
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	90	2	366525 168625
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	92	2	366695 168565
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	92	2	366525 168630
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	94	2	366700 168585
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	94	2	366605 168680
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	94	2	366606 168680
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	94	2	366575 168675
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	96	2	366560 168670
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	96	2	366550 168510
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	98	2	366700 168560
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	98	2	366510 168605
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	98	2	366565 168675
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	98	2	366525 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	100	2	366705 168575
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	100	2	366545 168665
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	101	2	366550 168670
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	102	2	366505 168580
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	103	2	366705 168560
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	104	2	366705 168555

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	104	2	366575 168685
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	106	2	366535 168665
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (SW)	106	2	366525 168520
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	107	2	366565 168685
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	107	2	366520 168650
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	108	2	366710 168560
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	108	2	366550 168495
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	108	2	366640 168485
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	109	2	366505 168625
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	109	2	366625 168480
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	110	2	366555 168490
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	112	2	366550 168490
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	112	2	366640 168480
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	112	2	366580 168695
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	113	2	366530 168670
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	113	2	366505 168635
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	113	2	366510 168645
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	113	2	366615 168475
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	114	2	366555 168485
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	115	2	366570 168695
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	115	2	366505 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	116	2	366555 168690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	116	2	366660 168485
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	117	2	366560 168480
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	118	2	366665 168485
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	118	2	366590 168470
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	119	2	366540 168685
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	119	2	366585 168470
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	121	2	366565 168700
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	122	2	366665 168480
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	122	2	366655 168475
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	123	2	366505 168655
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	123	2	366645 168470
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	124	2	366510 168665
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	124	2	366500 168650
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	126	2	366565 168705
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	126	2	366485 168620
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	127	2	366540 168695
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	127	2	366580 168710
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	127	2	366640 168465
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	128	2	366510 168670
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	128	2	366495 168650
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	128	2	366490 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (S)	128	2	366645 168465

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	129	2	366555 168705
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	129	2	366500 168660
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	129	2	366585 168460
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	131	2	366510 168675
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	131	2	366665 168470
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	132	2	366525 168690
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	132	2	366500 168665
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	133	2	366595 168455
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	133	2	366485 168640
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	133	2	366510 168495
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	134	2	366510 168680
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	134	2	366485 168530
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	135	2	366580 168455
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	136	2	366550 168710
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	136	2	366540 168705
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	137	2	366610 168450
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	138	2	366660 168460
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	138	2	366620 168450
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	140	2	366505 168490
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	141	2	366655 168455
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	141	2	366575 168450
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	141	2	366640 168450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	142	2	366505 168685
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	142	2	366600 168445
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (S)	142	2	366615 168445
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	143	2	366535 168710
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	143	2	366545 168715
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	143	2	366570 168725
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	143	2	366590 168445
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	144	2	366550 168455
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	145	2	366540 168715
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	149	2	366515 168470
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	151	2	366640 168440
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	154	2	366580 168435
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	154	2	366515 168710
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	156	2	366560 168735
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	157	2	366525 168720
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (SW)	157	2	366465 168520
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	158	2	366500 168470
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	159	2	366550 168735
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	159	2	366520 168720
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	160	2	366535 168730
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	161	2	366570 168430
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	161	2	366560 168740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	161	2	366580 168745
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	161	2	366555 168435
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	163	2	366595 168425
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	163	2	366460 168515
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	166	2	366580 168750
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	167	2	366605 168420
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	168	2	366590 168420
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	168	2	366570 168750
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	168	2	366460 168505
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	169	2	366560 168425
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (W)	170	2	366445 168535
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	171	2	366580 168755
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	171	2	366540 168430
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	172	2	366565 168420
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	173	2	366545 168425
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	174	2	366565 168755
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	178	2	366570 168760
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	178	2	366435 168540
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	178	2	366560 168415
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	183	2	366585 168405
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	184	2	366580 168405
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	184	2	366555 168410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	185	2	366495 168440
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	186	2	366570 168405
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	187	2	366570 168770
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	187	2	366600 168400
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	187	2	366500 168740
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	187	2	366505 168430
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	189	2	366425 168535
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	190	2	366560 168770
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	191	2	366575 168775
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	193	2	366565 168775
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	193	2	366470 168450
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	193	2	366490 168740
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	193	2	366560 168400
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	194	2	366480 168440
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	194	2	366420 168535
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	194	2	366500 168425
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	194	2	366530 168765
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	195	2	366420 168530
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	195	2	366515 168415
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	197	2	366600 168390
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	197	2	366460 168455
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	197	2	366470 168445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	197	2	366490 168745
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	198	2	366590 168390
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	198	2	366560 168395
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	199	2	366425 168505
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	199	2	366525 168405
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	200	2	366505 168415
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	201	2	366460 168450
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	205	2	366475 168430
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	206	2	366565 168385
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	206	2	366545 168390
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	207	2	366560 168385
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	208	2	366565 168790
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	208	2	366590 168380
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	208	2	366465 168435
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	208	2	366405 168535
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	210	2	366570 168380
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	210	2	366575 168380
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	211	2	366565 168380
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	211	2	366405 168525
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	212	2	366470 168425
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	213	2	366555 168380
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	214	2	366575 168375

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	214	2	366580 168375
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	214	2	366560 168795
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	215	2	366420 168480
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	215	2	366570 168375
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	215	2	366455 168435
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	216	2	366440 168450
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	217	2	366595 168370
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	218	2	366420 168475
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	219	2	366410 168490
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	219	2	366415 168480
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	219	2	366535 168380
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	219	2	366590 168805
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	220	2	366435 168450
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	220	2	366395 168525
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	222	2	366540 168375
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	223	2	366565 168805
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	224	2	366405 168490
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	224	2	366535 168375
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	224	2	366590 168810
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	224	2	366595 168810
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	225	2	366570 168365
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	225	2	366470 168765

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	225	2	366580 168810
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	226	2	366405 168485
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	228	2	366405 168480
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	228	2	366555 168365
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	228	2	366590 168360
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	229	2	366575 168360
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	229	2	366580 168360
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	229	2	366470 168770
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	229	2	366435 168435
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	229	2	366560 168810
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	229	2	366440 168430
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	229	2	366600 168815
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	229	2	366605 168815
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	230	2	366415 168460
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	230	2	366430 168440
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	231	2	366565 168360
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	234	2	366550 168360
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	234	2	366606 168820
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	234	2	366615 168820
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	235	2	366580 168820
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	236	2	366465 168775
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	237	2	366375 168535

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	237	2	366565 168820
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	238	2	366560 168820
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	239	2	366575 168350
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	239	2	366580 168350
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	240	2	366570 168350
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	240	2	366585 168825
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	240	2	366625 168825
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	240	2	366630 168825
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	241	2	366370 168540
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	241	2	366575 168825
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	241	2	366375 168520
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	242	2	366565 168825
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	242	2	366370 168535
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	243	2	366590 168345
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	243	2	366585 168345
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	243	2	366460 168780
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	244	2	366550 168350
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	244	2	366606 168830
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	245	2	366570 168345
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	245	2	366580 168830
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	245	2	366585 168830
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	245	2	366370 168525

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	245	2	366380 168495
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	246	2	366635 168830
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	246	2	366640 168830
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	247	2	366370 168515
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	249	2	366590 168835
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	249	2	366550 168345
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	249	2	366370 168510
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	249	2	366375 168495
	JBA 200 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	250	2	366585 168835
	JBA 200 Year Return (undefended) - Coastal None				
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	21	2	366625 168580
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	23	2	366585 168595
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	27	2	366630 168575
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	30	2	366635 168590
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	32	2	366635 168600
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	32	2	366635 168575
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	35	2	366640 168590
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	38	2	366630 168615
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	39	2	366645 168587
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	40	2	366645 168590
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	47	2	366635 168550
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	55	2	366615 168640

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	55	2	366660 168580
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	56	2	366620 168640
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	64	2	366606 168650
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	72	2	366540 168560
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	74	2	366540 168555
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	76	2	366540 168550
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	85	2	366685 168555
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	86	2	366645 168510
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	96	2	366550 168510
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	100	2	366645 168495
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	101	2	366510 168615
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	105	2	366530 168515
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	108	2	366550 168495
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	109	2	366520 168520
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	109	2	366625 168480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	113	2	366510 168645
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	113	2	366615 168475
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	117	2	366505 168645
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	117	2	366560 168480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	122	2	366720 168545
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	122	2	366655 168475
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	125	2	366670 168480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	127	2	366640 168465
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	128	2	366620 168460
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	133	2	366510 168495
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	134	2	366485 168530
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	136	2	366690 168480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	137	2	366606 168450
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	140	2	366505 168490
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	140	2	366510 168485
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	141	2	366640 168450
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	143	2	366695 168475
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	144	2	366585 168445
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	151	2	366640 168440
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	154	2	366580 168435
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	157	2	366465 168520
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	161	2	366570 168430
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	163	2	366595 168425
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	165	2	366555 168430
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	167	2	366605 168420
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	169	2	366560 168425
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (W)	170	2	366445 168535
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	171	2	366540 168430
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	183	2	366430 168540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	186	2	366500 168435
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	188	2	366560 168405
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	188	2	366595 168400
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	189	2	366425 168535
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	194	2	366445 168480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	196	2	366570 168395
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	197	2	366545 168400
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	200	2	366760 168460
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	203	2	366410 168535
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	204	2	366790 168675
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	210	2	366550 168385
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	211	2	366465 168430
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	211	2	366565 168380
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	218	2	366420 168475
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	220	2	366395 168525
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	222	2	366440 168440
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	222	2	366450 168430
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	228	2	366590 168360
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	233	2	366395 168490
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	240	2	366520 168810
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	241	2	366425 168745
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	241	2	366375 168520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	242	2	366370 168535
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	243	2	366555 168350
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	243	2	366585 168345
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	245	2	366365 168630
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	245	2	366380 168495
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	247	2	366365 168640
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	247	2	366370 168515
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	248	2	366585 168340
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	250	2	366505 168815
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	0	2	366606 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	2	2	366605 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	7	2	366600 168590
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	7	2	366600 168585
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	10	2	366610 168595
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	10	2	366615 168590
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	10	2	366615 168585
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	14	2	366595 168595
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	16	2	366615 168600
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	17	2	366605 168570
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	19	2	366625 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	22	2	366595 168605
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	23	2	366625 168575

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	24	2	366630 168585
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	26	2	366595 168610
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	27	2	366625 168605
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	28	2	366620 168610
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	28	2	366585 168605
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	28	2	366580 168595
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	30	2	366630 168570
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	30	2	366635 168590
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	32	2	366635 168600
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	32	2	366575 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (S)	33	2	366615 168555
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	34	2	366575 168600
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	35	2	366640 168590
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	37	2	366640 168600
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	37	2	366570 168590
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	38	2	366630 168615
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	38	2	366570 168595
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	39	2	366645 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	40	2	366570 168570
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	43	2	366565 168575
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	43	2	366570 168610
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	44	2	366600 168630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	44	2	366610 168630
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	44	2	366650 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	45	2	366565 168570
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	45	2	366650 168595
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	47	2	366560 168595
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	47	2	366560 168590
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	47	2	366560 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	47	2	366560 168580
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	49	2	366560 168600
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	50	2	366630 168630
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	50	2	366575 168625
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	50	2	366560 168570
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	52	2	366640 168625
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	52	2	366650 168560
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	53	2	366565 168620
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	54	2	366610 168640
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (NE)	54	2	366630 168635
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	55	2	366615 168640
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	55	2	366555 168605
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	55	2	366660 168580
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	56	2	366620 168640
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	56	2	366555 168565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	57	2	366625 168640
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	57	2	366550 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (NE)	59	2	366630 168640
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	59	2	366555 168615
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	59	2	366665 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	61	2	366550 168565
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	67	2	366560 168635
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	68	2	366550 168625
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	69	2	366675 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	69	2	366610 168655
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	69	2	366600 168655
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	69	2	366606 168655
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	69	2	366615 168655
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	72	2	366540 168560
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	72	2	366655 168535
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	72	2	366535 168595
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	72	2	366585 168655
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	73	2	366665 168545
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	74	2	366675 168560
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	74	2	366605 168660
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	74	2	366680 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	74	2	366600 168660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	75	2	366550 168635
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	77	2	366680 168565
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	77	2	366670 168545
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	77	2	366530 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	78	2	366530 168600
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	79	2	366680 168560
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	79	2	366530 168605
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	80	2	366620 168665
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	80	2	366530 168565
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	82	2	366530 168615
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	84	2	366685 168560
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	84	2	366605 168670
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (E)	84	2	366690 168590
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	85	2	366650 168515
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	86	2	366555 168655
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	86	2	366535 168635
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	87	2	366685 168550
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	87	2	366520 168580
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	89	2	366535 168640
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	90	2	366595 168675
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	92	2	366515 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	92	2	366515 168585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	93	2	366695 168560
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	94	2	366605 168680
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	94	2	366606 168680
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (E)	94	2	366700 168587
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	95	2	366520 168625
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	96	2	366550 168510
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	97	2	366695 168550
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	97	2	366510 168575
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	98	2	366540 168515
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	98	2	366510 168605
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	100	2	366550 168505
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (SW)	105	2	366530 168515
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	105	2	366560 168680
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (E)	106	2	366710 168570
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	106	2	366505 168615
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	107	2	366520 168650
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (E)	107	2	366710 168565
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	108	2	366550 168495
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (S)	108	2	366620 168480
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	109	2	366520 168520
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	109	2	366560 168685
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	109	2	366505 168625

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	109	2	366595 168695
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	109	2	366600 168695
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	109	2	366625 168480
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	110	2	366555 168490
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	111	2	366555 168685
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	112	2	366560 168485
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	112	2	366580 168695
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	112	2	366600 168475
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	112	2	366610 168475
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	113	2	366510 168645
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	113	2	366500 168625
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	113	2	366615 168475
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	114	2	366595 168700
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	116	2	366660 168485
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	117	2	366606 168470
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	118	2	366570 168475
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	118	2	366595 168470
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (W)	119	2	366490 168610
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	120	2	366565 168475
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	121	2	366510 168660
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	121	2	366670 168485
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	123	2	366505 168655

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	124	2	366510 168665
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	124	2	366595 168710
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	126	2	366560 168470
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	126	2	366495 168645
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (W)	126	2	366485 168620
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	127	2	366675 168480
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	128	2	366505 168665
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	129	2	366500 168660
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	131	2	366495 168655
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	132	2	366500 168665
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	132	2	366640 168460
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	133	2	366485 168640
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	134	2	366485 168530
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	134	2	366495 168660
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	134	2	366670 168470
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	135	2	366590 168720
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (SE)	136	2	366665 168465
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (S)	136	2	366640 168455
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	137	2	366510 168490
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	137	2	366615 168450
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	137	2	366610 168450
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	138	2	366620 168450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	140	2	366510 168485
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SE (SE)	140	2	366665 168460
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	142	2	366505 168685
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	143	2	366660 168455
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	144	2	366585 168445
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	145	2	366505 168690
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	145	2	366585 168730
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	149	2	366505 168695
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	150	2	366585 168735
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (SW)	152	2	366470 168520
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	159	2	366500 168705
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SE (S)	161	2	366640 168430
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	162	2	366565 168430
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	163	2	366570 168745
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13SW (W)	165	2	366450 168535
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	166	2	366570 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	167	2	366565 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	168	2	366595 168420
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	168	2	366590 168420
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	169	2	366560 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	170	2	366495 168715
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	171	2	366570 168420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	172	2	366605 168415
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	172	2	366550 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	173	2	366440 168540
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	173	2	366545 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	173	2	366570 168755
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	173	2	366585 168415
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	175	2	366585 168760
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	176	2	366580 168760
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	180	2	366585 168765
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	181	2	366490 168725
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	182	2	366565 168410
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	183	2	366430 168540
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	183	2	366505 168435
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	184	2	366555 168410
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	185	2	366575 168405
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	186	2	366570 168405
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	186	2	366550 168410
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	187	2	366600 168400
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	188	2	366425 168540
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	188	2	366485 168730
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	189	2	366425 168535
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	192	2	366485 168735

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	192	2	366545 168405
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	193	2	366560 168400
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	195	2	366480 168735
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	195	2	366485 168435
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	197	2	366600 168390
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	197	2	366605 168390
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	197	2	366510 168415
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	198	2	366415 168535
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	199	2	366480 168740
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	199	2	366590 168785
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	200	2	366490 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	201	2	366470 168440
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	201	2	366575 168785
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	202	2	366595 168385
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	202	2	366480 168430
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	202	2	366500 168415
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	203	2	366410 168535
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	204	2	366580 168385
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	204	2	366470 168435
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	204	2	366555 168390
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	204	2	366595 168790
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	205	2	366570 168385

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	205	2	366475 168430
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	206	2	366565 168385
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	206	2	366475 168745
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	206	2	366545 168390
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	207	2	366560 168385
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (N)	207	2	366570 168790
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	208	2	366590 168380
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	208	2	366455 168445
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	208	2	366460 168440
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	208	2	366470 168430
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	209	2	366580 168380
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	209	2	366475 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	209	2	366525 168395
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	209	2	366555 168385
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (N)	209	2	366605 168795
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	210	2	366475 168750
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	211	2	366565 168380
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	212	2	366470 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	213	2	366470 168750
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	214	2	366400 168530
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	214	2	366606 168800
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	215	2	366420 168480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	215	2	366450 168440
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	216	2	366465 168750
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	217	2	366470 168755
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	218	2	366455 168430
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	218	2	366460 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	219	2	366410 168490
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	219	2	366465 168420
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	219	2	366535 168380
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 1.0m	A13NW (N)	219	2	366525 168790
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	219	2	366615 168805
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	219	2	366620 168805
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	220	2	366395 168525
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	222	2	366440 168440
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	222	2	366445 168435
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	223	2	366435 168445
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	223	2	366555 168370
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (W)	224	2	366390 168530
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	224	2	366425 168455
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	225	2	366570 168365
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	225	2	366530 168375
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	225	2	366625 168810
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	226	2	366545 168370

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NW (NW)	227	2	366460 168760
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	227	2	366425 168450
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	228	2	366590 168360
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	231	2	366410 168465
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	231	2	366635 168815
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13NE (N)	231	2	366640 168815
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	232	2	366380 168535
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	232	2	366440 168425
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	233	2	366400 168480
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	233	2	366430 168435
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	233	2	366435 168430
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	235	2	366570 168355
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	235	2	366395 168485
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	236	2	366565 168355
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	236	2	366375 168540
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	236	2	366635 168820
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	237	2	366595 168350
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	237	2	366375 168535
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	237	2	366390 168490
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	238	2	366590 168350
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	239	2	366580 168350
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	239	2	366575 168350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (SW)	239	2	366390 168485
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	240	2	366660 168820
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NW (NW)	241	2	366450 168770
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.05m	A13SW (S)	242	2	366595 168345
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	243	2	366590 168345
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (S)	244	2	366580 168345
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	244	2	366550 168350
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (S)	245	2	366570 168345
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	245	2	366380 168495
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	245	2	366660 168825
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	245	2	366450 168775
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	246	2	366365 168540
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (W)	246	2	366370 168520
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13SW (SW)	246	2	366380 168490
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (W)	247	2	366365 168535
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (W)	247	2	366370 168515
	JBA 1000 Year Return (undefended) - Fluvial Flood Depth: Greater than 0.05m and Less than or equal to 0.1m	A13NE (N)	247	2	366670 168825
	JBA 1000 Year Return (undefended) - Coastal None				
	JBA Canal Failure Coverage Coverage: This area has been mapped for risk of flooding from canal or aqueduct failure or breach. Please note that all canals in this area may not have been mapped for failure or breach.	A13NE (NE)	0	2	366606 168587
	JBA Canal Failure None				
	JBA Dam Break Coverage Coverage: This area has been mapped for flooding from dam or reservoir embankment failure or breach.	A13NE (NE)	0	2	366606 168587
	JBA Dam Break Assessment: This area is regarded as being at some risk of flooding in the event of an instantaneous catastrophic breach of dam or reservoir embankment. Flooded Area Size: 3670450m2	A12NW (W)	746	2	365915 168865

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Geological Indicators of Flooding Flooding Type: Inland Flooding Flood Potential: Lower flood potential from rivers: areas affected by secondary flooding in extreme cases as a result of a prolonged flood event. Code:	A13NW (NW)	34	3	366578 168604
	BGS Geological Indicators of Flooding Flooding Type: Inland Flooding Flood Potential: Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment. Code:	A18SE (NE)	424	3	366803 168962
	BGS Geological Indicators of Flooding Flooding Type: Inland Flooding Flood Potential: Lower flood potential from rivers: areas affected by secondary flooding in extreme cases as a result of a prolonged flood event. Code:	A19SW (NE)	834	3	367170 169200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	15	3	366600 168600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	236	3	366400 168700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	494	3	367100 168587
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	511	3	366100 168650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	594	3	367200 168587
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (S)	689	3	366550 167900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17SE (NW)	695	3	366200 169150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	731	3	366300 169250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18NW (N)	743	3	366400 169300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	753	3	366250 169250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18NW (N)	758	3	366350 169300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18NW (N)	764	3	366600 169350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SE (E)	781	3	367350 168350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (E)	794	3	367400 168587
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (E)	844	3	367450 168587
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	857	3	365750 168587
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (W)	857	3	365750 168550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	896	3	365750 168850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (W)	912	3	365750 168900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	914	3	365700 168700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (W)	920	3	365750 168250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (S)	939	3	366550 167650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SW)	940	3	365750 168200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18NW (N)	949	3	366350 169500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	957	3	365650 168587
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SW)	962	3	365750 168150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18NE (N)	964	3	366606 169550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17NE (NW)	977	3	366150 169450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A13NE (NE)	0	2	366606 168587
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A13NW (W)	2	2	366605 168587
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A13SW (SW)	36	2	366590 168555
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A13SW (W)	80	2	366530 168565
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A13SW (SW)	95	2	366535 168525
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A13NW (NW)	332	2	366405 168850
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A13NW (NW)	359	2	366380 168865
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A13NW (NW)	365	2	366360 168855
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SW (E)	552	2	367155 168535
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A17SE (NW)	658	2	366140 169050
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A18NW (NW)	747	2	366295 169265
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SE (E)	794	2	367400 168580
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SE (E)	819	2	367425 168575
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	822	2	365800 168745
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	838	2	365770 168625
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	842	2	365765 168605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	845	2	365790 168805
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	847	2	365760 168587
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	852	2	365755 168615
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A18NE (N)	854	2	366606 169440
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A18NW (N)	855	2	366560 169440
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12SW (W)	857	2	365750 168555
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A12NW (W)	857	2	365750 168605
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	857	2	365750 168595
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	858	2	365750 168635
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	862	2	365745 168590
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	867	2	365740 168595
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	872	2	365735 168600
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	873	2	365735 168630
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	877	2	365730 168625
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	882	2	365725 168605
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	901	2	365760 168895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	904	2	365755 168890
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A12NW (W)	906	2	365755 168895
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	907	2	365750 168885
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	909	2	365755 168905
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	910	2	365745 168880
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	913	2	365740 168875
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	915	2	365735 168865
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	916	2	365750 168910
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	920	2	365690 168670
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	925	2	365720 168850
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A12NW (W)	930	2	365680 168665
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	932	2	365710 168840
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SE (E)	935	2	367540 168555
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A12NW (W)	961	2	365650 168675
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	978	2	365630 168645
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	982	2	365625 168600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 324.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13NE (E)	38	4	366641 168600
2	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13SE (SE)	74	4	366660 168536
3	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 36.5 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13SE (SE)	75	4	366659 168534
4	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 118.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13SE (SE)	98	4	366648 168499
5	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 56.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13SW (SW)	142	4	366486 168513
6	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13SE (S)	173	4	366608 168414
7	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 159.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13SW (S)	184	4	366595 168404
8	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 30.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13SW (W)	216	4	366400 168524
9	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 235.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13NW (N)	243	4	366535 168818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 445.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13NW (N)	248	4	366577 168833
11	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 48.7 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A13SW (S)	324	4	366595 168264
12	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 52.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	367	4	366570 168222
13	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 77.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	419	4	366569 168170
14	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	419	4	366569 168170
15	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 34.0 Watercourse Level: Underground Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	431	4	366576 168158
16	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	461	4	366589 168127
17	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	473	4	366591 168115
18	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 135.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	478	4	366598 168110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 42.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	478	4	366598 168110
20	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 148.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SE (NE)	491	4	366933 168953
21	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 98.3 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A18SE (NE)	491	4	366933 168953
22	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NE (S)	501	4	366632 168087
23	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 222.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SE (NE)	506	4	366943 168963
24	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 349.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14SW (E)	510	4	367115 168563
25	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 130.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NE (S)	510	4	366633 168078
26	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 256.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14NW (NE)	519	4	367011 168910
27	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 111.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14SW (SE)	540	4	367092 168351

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14SW (SE)	540	4	367091 168350
29	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14SW (SE)	540	4	367092 168351
30	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 71.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14SW (E)	540	4	367119 168421
31	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14SW (E)	540	4	367124 168433
32	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 56.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14SW (E)	544	4	367124 168421
33	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 162.2 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A18SE (NE)	545	4	366835 169080
34	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 21.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SE (NE)	548	4	366861 169071
35	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 52.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A17SE (NW)	553	4	366225 168986
36	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SE (NE)	554	4	366846 169086

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14SW (SE)	554	4	367114 168366
38	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 85.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14NW (E)	557	4	367151 168700
39	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 128.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SE (NE)	561	4	366834 169099
40	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 260.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SE (NE)	561	4	366834 169099
41	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 105.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SW (N)	572	4	366481 169144
42	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 58.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A12NE (NW)	586	4	366066 168812
43	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	590	4	366550 168000
44	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14NW (E)	594	4	367170 168771
45	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A17SE (NW)	596	4	366188 169011

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 121.5 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A18SE (N)	598	4	366720 169173
47	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A18SE (N)	598	4	366720 169173
48	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 34.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14NW (E)	598	4	367173 168775
49	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 247.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NE (S)	604	4	366735 167997
50	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 125.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SE (N)	605	4	366734 169178
51	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 145.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A17SE (NW)	613	4	366109 168943
52	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	620	4	366554 167970
53	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SW (N)	621	4	366380 169164
54	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 63.4 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A12NE (NW)	622	4	366072 168905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 74.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	622	4	366553 167967
56	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 323.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A12NE (NW)	622	4	366072 168905
57	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 285.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A17SE (NW)	624	4	366158 169021
58	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SW (N)	624	4	366379 169168
59	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 85.6 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A18SW (N)	624	4	366379 169168
60	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 26.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14NW (E)	628	4	367196 168801
61	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 33.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A12NE (NW)	637	4	366030 168858
62	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 82.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SW (N)	645	4	366372 169188
63	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 605.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14SW (SE)	651	4	367193 168306

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 790.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A14NW (E)	654	4	367218 168816
65	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 131.8 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A18SW (N)	656	4	366447 169223
66	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 13.1 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A18SW (N)	657	4	366444 169222
67	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 169.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A12NE (NW)	662	4	366000 168852
68	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 127.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18SW (N)	666	4	366434 169230
69	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 104.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	673	4	366516 167920
70	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 88.2 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8NW (S)	673	4	366516 167920
71	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 102.6 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A18NW (N)	681	4	366596 169267
72	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 21.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18NW (N)	695	4	366548 169279

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18NE (N)	697	4	366669 169281
74	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 80.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A18NW (N)	698	4	366570 169283
75	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 193.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SW (S)	732	4	366577 167856
76	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 413.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A19SW (NE)	757	4	367017 169222
77	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A19SW (NE)	757	4	367017 169222
78	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 172.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A19SW (NE)	761	4	367019 169225
79	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SE (SE)	809	4	366918 167842
80	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 290.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SE (SE)	809	4	366918 167842
81	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 79.1 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A9NW (SE)	814	4	367171 168001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 194.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SE (S)	818	4	366904 167825
83	OS Water Network Lines Watercourse Name: River Chew Watercourse Form: Inland river Watercourse Length: 471.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A17SW (NW)	820	4	365882 168971
84	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 159.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A17SW (NW)	820	4	365882 168971
85	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 345.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SE (S)	893	4	366660 167696
86	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 91.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SE (S)	893	4	366660 167696
87	OS Water Network Lines Watercourse Name: River Chew Watercourse Form: Inland river Watercourse Length: 112.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A12SW (W)	902	4	365705 168575
88	OS Water Network Lines Watercourse Name: River Chew Watercourse Form: Inland river Watercourse Length: 65.9 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A12NW (W)	912	4	365695 168608
89	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 42.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A19NW (NE)	913	4	367008 169406
90	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A19NW (NE)	920	4	367044 169396

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A19NW (NE)	921	4	367046 169395
92	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 134.0 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A19NW (NE)	924	4	367059 169392
93	OS Water Network Lines Watercourse Name: River Avon Watercourse Form: Inland river Watercourse Length: 817.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A17SW (NW)	927	4	365843 169113
94	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 26.1 Watercourse Level: Underground Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A12SW (W)	944	4	365662 168564
95	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Avon Bristol	A12SW (W)	951	4	365657 168538
96	OS Water Network Lines Watercourse Name: River Chew Watercourse Form: Inland river Watercourse Length: 67.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A12SW (W)	952	4	365656 168532
97	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 536.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A19SE (NE)	973	4	367415 169127
98	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A12SW (W)	975	4	365639 168467
99	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 2.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SE (S)	979	4	366885 167648

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 1.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SE (S)	981	4	366886 167647
101	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 4.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SE (S)	981	4	366886 167647
102	OS Water Network Lines Watercourse Name: River Chew Watercourse Form: Inland river Watercourse Length: 118.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A12SW (W)	982	4	365634 168450
103	OS Water Network Lines Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 202.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Avon Bristol	A8SE (S)	983	4	366885 167645
104	OS Water Network Nodes Hydronode Pseudo Category:	A13SE (SE)	74	4	366660 168536
105	OS Water Network Nodes Hydronode Pseudo Category:	A13SE (SE)	75	4	366659 168534
106	OS Water Network Nodes Hydronode Pseudo Category:	A13SE (SE)	98	4	366648 168499
107	OS Water Network Nodes Hydronode Outlet Category:	A13SW (SW)	142	4	366486 168513
108	OS Water Network Nodes Hydronode Pseudo Category:	A13SE (S)	173	4	366608 168414
109	OS Water Network Nodes Hydronode Pseudo Category:	A13SW (S)	184	4	366595 168404
110	OS Water Network Nodes Hydronode Source Category:	A13SW (W)	189	4	366430 168521
111	OS Water Network Nodes Hydronode Outlet Category:	A13SW (W)	216	4	366400 168524
112	OS Water Network Nodes Hydronode Source Category:	A13SW (W)	244	4	366370 168529
113	OS Water Network Nodes Hydronode Junction Category:	A13NW (N)	248	4	366577 168833
114	OS Water Network Nodes Hydronode Pseudo Category:	A13SW (S)	324	4	366595 168264
115	OS Water Network Nodes Hydronode Pseudo Category:	A8NW (S)	367	4	366570 168222

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	OS Water Network Nodes Hydronode Source Category:	A18SW (N)	400	4	366487 168968
117	OS Water Network Nodes Hydronode Junction Category:	A8NW (S)	419	4	366569 168170
118	OS Water Network Nodes Hydronode Pseudo Category:	A8NW (S)	431	4	366576 168158
119	OS Water Network Nodes Hydronode Pseudo Category:	A8NW (S)	461	4	366589 168127
120	OS Water Network Nodes Hydronode Junction Category:	A8NW (S)	473	4	366591 168115
121	OS Water Network Nodes Hydronode Junction Category:	A8NW (S)	478	4	366598 168110
122	OS Water Network Nodes Hydronode Junction Category:	A18SE (NE)	491	4	366933 168953
123	OS Water Network Nodes Hydronode Pseudo Category:	A8NE (S)	501	4	366632 168087
124	OS Water Network Nodes Hydronode Pseudo Category:	A8NE (S)	510	4	366633 168078
125	OS Water Network Nodes Hydronode Junction Category:	A14NW (NE)	519	4	367011 168910
126	OS Water Network Nodes Hydronode Junction Category:	A14SW (SE)	540	4	367092 168351
127	OS Water Network Nodes Hydronode Junction Category:	A14SW (E)	540	4	367124 168433
128	OS Water Network Nodes Hydronode Pseudo Category:	A14SW (SE)	542	4	367100 168366
129	OS Water Network Nodes Hydronode Pseudo Category:	A14SW (E)	544	4	367124 168421
130	OS Water Network Nodes Hydronode Junction Category:	A18SE (NE)	548	4	366861 169071
131	OS Water Network Nodes Hydronode Source Category:	A17SE (NW)	553	4	366225 168986
132	OS Water Network Nodes Hydronode Pseudo Category:	A14SW (SE)	554	4	367114 168366
133	OS Water Network Nodes Hydronode Junction Category:	A18SE (NE)	554	4	366846 169086
134	OS Water Network Nodes Hydronode Source Category:	A14SW (SE)	556	4	367113 168360
135	OS Water Network Nodes Hydronode Source Category:	A14NW (E)	558	4	367154 168694

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	OS Water Network Nodes Hydronode Junction Category:	A18SE (NE)	561	4	366834 169099
137	OS Water Network Nodes Hydronode Source Category:	A14SW (SE)	566	4	367115 168338
138	OS Water Network Nodes Hydronode Source Category:	A18SW (N)	572	4	366481 169144
139	OS Water Network Nodes Hydronode Source Category:	A12NE (NW)	586	4	366066 168812
140	OS Water Network Nodes Hydronode Pseudo Category:	A8NW (S)	590	4	366550 168000
141	OS Water Network Nodes Hydronode Pseudo Category:	A14NW (E)	594	4	367170 168771
142	OS Water Network Nodes Hydronode Pseudo Category:	A17SE (NW)	596	4	366188 169011
143	OS Water Network Nodes Hydronode Junction Category:	A18SE (N)	598	4	366720 169173
144	OS Water Network Nodes Hydronode Junction Category:	A14NW (E)	598	4	367173 168775
145	OS Water Network Nodes Hydronode Pseudo Category:	A8NE (S)	604	4	366735 167997
146	OS Water Network Nodes Hydronode Junction Category:	A18SE (N)	605	4	366734 169178
147	OS Water Network Nodes Hydronode Pseudo Category:	A8NW (S)	620	4	366554 167970
148	OS Water Network Nodes Hydronode Pseudo Category:	A18SW (N)	621	4	366380 169164
149	OS Water Network Nodes Hydronode Junction Category:	A12NE (NW)	622	4	366072 168905
150	OS Water Network Nodes Hydronode Pseudo Category:	A8NW (S)	622	4	366553 167967
151	OS Water Network Nodes Hydronode Junction Category:	A17SE (NW)	624	4	366158 169021
152	OS Water Network Nodes Hydronode Junction Category:	A18SW (N)	624	4	366379 169168
153	OS Water Network Nodes Hydronode Pseudo Category:	A14NW (E)	628	4	367196 168801
154	OS Water Network Nodes Hydronode Junction Category:	A12NE (NW)	637	4	366030 168858
155	OS Water Network Nodes Hydronode Junction Category:	A18SW (N)	646	4	366364 169186

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	OS Water Network Nodes Hydronode Pseudo Category:	A14SW (SE)	651	4	367193 168306
157	OS Water Network Nodes Hydronode Junction Category:	A14NW (E)	654	4	367218 168816
158	OS Water Network Nodes Hydronode Junction Category:	A18SW (N)	657	4	366444 169222
159	OS Water Network Nodes Hydronode Pseudo Category:	A12NE (NW)	662	4	366000 168852
160	OS Water Network Nodes Hydronode Junction Category:	A18SW (N)	666	4	366434 169230
161	OS Water Network Nodes Hydronode Junction Category:	A8NW (S)	673	4	366516 167920
162	OS Water Network Nodes Hydronode Junction Category:	A18NW (N)	695	4	366548 169279
163	OS Water Network Nodes Hydronode Junction Category:	A18NE (N)	697	4	366669 169281
164	OS Water Network Nodes Hydronode Junction Category:	A18NW (N)	698	4	366570 169283
165	OS Water Network Nodes Hydronode Junction Category:	A18NE (N)	700	4	366650 169285
166	OS Water Network Nodes Hydronode Source Category:	A8SW (S)	707	4	366413 167907
167	OS Water Network Nodes Hydronode Pseudo Category:	A8SW (S)	732	4	366577 167856
168	OS Water Network Nodes Hydronode Junction Category:	A19SW (NE)	757	4	367017 169222
169	OS Water Network Nodes Hydronode Pseudo Category:	A19SW (NE)	761	4	367019 169225
170	OS Water Network Nodes Hydronode Junction Category:	A8SE (SE)	809	4	366918 167842
171	OS Water Network Nodes Hydronode Pseudo Category:	A8SE (S)	818	4	366904 167825
172	OS Water Network Nodes Hydronode Junction Category:	A17SW (NW)	820	4	365882 168971
173	OS Water Network Nodes Hydronode Junction Category:	A8SE (S)	893	4	366660 167696
174	OS Water Network Nodes Hydronode Junction Category:	A12NW (W)	912	4	365695 168608
175	OS Water Network Nodes Hydronode Source Category:	A19NW (NE)	914	4	367003 169409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	OS Water Network Nodes Hydronode Pseudo Category:	A19NW (NE)	920	4	367044 169396
177	OS Water Network Nodes Hydronode Pseudo Category:	A19NW (NE)	921	4	367046 169395
178	OS Water Network Nodes Hydronode Source Category:	A8SE (S)	921	4	366746 167677
179	OS Water Network Nodes Hydronode Junction Category:	A19NW (NE)	924	4	367059 169392
180	OS Water Network Nodes Hydronode Junction Category:	A17SW (NW)	927	4	365843 169113
181	OS Water Network Nodes Hydronode Pseudo Category:	A12SW (W)	944	4	365662 168564
182	OS Water Network Nodes Hydronode Pseudo Category:	A12SW (W)	951	4	365657 168538
183	OS Water Network Nodes Hydronode Junction Category:	A12SW (W)	952	4	365656 168532
184	OS Water Network Nodes Hydronode Pseudo Category:	A19SE (NE)	973	4	367415 169127
185	OS Water Network Nodes Hydronode Pseudo Category:	A12SW (W)	975	4	365639 168467
186	OS Water Network Nodes Hydronode Pseudo Category:	A8SE (S)	979	4	366885 167648
187	OS Water Network Nodes Hydronode Junction Category:	A8SE (S)	981	4	366886 167647
188	OS Water Network Nodes Hydronode Pseudo Category:	A12SW (W)	982	4	365634 168450
189	OS Water Network Nodes Hydronode Source Category:	A8SE (S)	982	4	366891 167647
190	OS Water Network Nodes Hydronode Pseudo Category:	A8SE (S)	983	4	366885 167645
	OS Water Network Nodes Hydronode Not Supplied Category:	A9NW (SE)	814	4	367171 168001
	OS Water Network Nodes Hydronode Not Supplied Category:	A9NW (SE)	893	4	367227 167946

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
191	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 23rd December 1985 Flood Event End Date: 26th December 1985	A13NE (NE)	0	1	366606 168587
192	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 30th October 2000 Flood Event End Date: 31st October 2000	A13NE (NE)	0	1	366606 168587
193	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 4th December 1960 Flood Event End Date: 5th December 1960	A13NE (N)	24	1	366607 168610
194	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 19th January 1999 Flood Event End Date: 22nd January 1999	A13NW (N)	281	1	366590 168866
195	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Overtopping of Defences Source: Environment Agency, Head Office Flood Event Start Date: 9th January 2014 Flood Event End Date: 27th February 2014	A13NW (N)	288	1	366528 168863
196	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 10th February 2009 Flood Event End Date: 10th February 2009	A18SW (N)	352	1	366598 168938
197	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 16th March 1982 Flood Event End Date: 16th March 1982	A13NE (NE)	383	1	366902 168829
198	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 28th January 1986 Flood Event End Date: 29th January 1986	A19SW (NE)	494	1	366955 168936
199	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 24th December 2013 Flood Event End Date: 24th December 2013	A18SW (N)	599	1	366579 169185

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
200	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 24th December 2013 Flood Event End Date: 24th December 2013	A17SE (NW)	716	1	366061 169050
201	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 24th December 2013 Flood Event End Date: 24th December 2013	A17SE (NW)	770	1	365950 168989
202	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 4th December 1960 Flood Event End Date: 5th December 1960	A12NW (W)	874	1	365750 168757
203	Historic Flood Events Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 4th December 1960 Flood Event End Date: 5th December 1960	A12NW (W)	874	1	365750 168757
204	Historical Flood Liabilities Use: Area liable to flood Date of Mapping: 1982	A18SE (N)	555	2	366633 169140
205	Historical Flood Liabilities Use: Area liable to flood Date of Mapping: 1904	A14NE (NE)	763	2	367291 168923
206	Historical Flood Liabilities Use: Area liable to flood Date of Mapping: 1982	A17NE (NW)	970	2	365990 169335

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13NW (W)	11	1	366596 168589
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13NE (N)	45	1	366619 168630
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13NE (N)	53	1	366622 168637
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13NW (N)	64	1	366600 168650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (S)	79	1	366590 168510
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SE (S)	87	1	366606 168500
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13NW (N)	105	1	366600 168691
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SE (SE)	107	1	366651 168490
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13NW (N)	115	1	366590 168700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13NW (NW)	127	1	366550 168700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (S)	137	1	366600 168450
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (SW)	138	1	366500 168500
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13NW (N)	167	1	366574 168750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SE (S)	171	1	366635 168419

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13NW (NW)	195	1	366500 168750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (S)	206	1	366570 168385
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (SW)	208	1	366450 168450
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Very Low - Less than 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (S)	210	1	366575 168380
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (W)	213	1	366400 168535
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (SW)	224	1	366400 168500
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (W)	260	1	366350 168545
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (S)	273	1	366580 168315
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (S)	282	1	366595 168305
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (W)	283	1	366325 168555
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Very Low - Less than 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (S)	289	1	366575 168300
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (S)	289	1	366570 168300
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (S)	307	1	366595 168280
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A13SW (W)	307	1	366300 168565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13NW (NW)	307	1	366450 168850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13SW (W)	309	1	366300 168550
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13SW (S)	322	1	366605 168265
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13SW (S)	333	1	366600 168254
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13SW (S)	337	1	366592 168250
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13NW (NW)	351	1	366450 168900
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NW (S)	353	1	366540 168240
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NW (S)	354	1	366575 168235
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NE (W)	357	1	366250 168587
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13NE (NE)	367	1	366904 168800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	367	1	366606 168220
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NE (W)	438	1	366200 168750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	469	1	366650 168120
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NW (S)	487	1	366600 168100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	487	1	366616 168100
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	487	1	366606 168100
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (NE)	491	1	367020 168850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A17SE (NW)	509	1	366250 168950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NE (NW)	513	1	366200 168900
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	527	1	366650 168062
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	536	1	366660 168054
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NW (S)	537	1	366590 168050
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	540	1	366665 168050
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (NE)	540	1	367101 168800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A17SE (NW)	545	1	366200 168950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	569	1	367157 168727
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A12NE (W)	596	1	366050 168800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	629	1	367225 168700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A17SE (NW)	651	1	366150 169050
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A17SE (NW)	682	1	366223 169150
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NE (E)	683	1	367285 168650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (NW)	693	1	366300 169208
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	696	1	367300 168639
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (N)	712	1	366350 169250
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18NW (N)	731	1	366450 169300
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (NW)	731	1	366300 169250
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NW (W)	738	1	365900 168800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18NW (N)	743	1	366400 169300
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A17SE (NW)	756	1	366102 169150
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18NW (N)	766	1	366550 169350
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NW (W)	788	1	365850 168808
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NE (E)	794	1	367400 168600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Suitability Scale: Town to Street Source: Environment Agency, Head Office	A17SW (NW)	803	1	365900 168968
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: Suitability Scale: County to Town Source: Environment Agency, Head Office	A18NE (N)	814	1	366606 169400
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Suitability Scale: Town to Street Source: Environment Agency, Head Office	A12NW (W)	819	1	365850 168900
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NW (W)	833	1	365797 168781
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Suitability Scale: Town to Street Source: Environment Agency, Head Office	A17SW (NW)	839	1	365863 168975
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NW (W)	849	1	365800 168850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Suitability Scale: Town to Street Source: Environment Agency, Head Office	A17SW (NW)	852	1	365837 168950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NW (W)	856	1	365754 168660
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Suitability Scale: Town to Street Source: Environment Agency, Head Office	A12NW (W)	860	1	365750 168657
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NW (W)	864	1	365751 168700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Suitability Scale: Town to Street Source: Environment Agency, Head Office	A12NW (W)	865	1	365800 168900
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: Suitability Scale: Town to Street Source: Environment Agency, Head Office	A12SW (W)	867	1	365740 168580
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NW (W)	867	1	365742 168650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: Suitability Scale: County to Town Source: Environment Agency, Head Office	A12NW (NW)	873	1	365800 168922

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A12SW (W)	883	1	365724 168550
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A12NW (W)	883	1	365750 168800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Town to Street Suitability Scale: Environment Agency, Head Office Source:	A12NW (W)	892	1	365730 168750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Town to Street Suitability Scale: Environment Agency, Head Office Source:	A12NW (W)	896	1	365750 168850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A12NW (W)	901	1	365750 168866
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A17SW (NW)	906	1	365800 169000
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Town to Street Suitability Scale: Environment Agency, Head Office Source:	A12SW (W)	907	1	365700 168560
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A12NW (W)	909	1	365700 168655
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A17NE (NW)	927	1	366150 169393
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A12NW (W)	931	1	365700 168800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Assessment: Town to Street Suitability Scale: Environment Agency, Head Office Source:	A14NE (E)	944	1	367550 168587
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A12NW (W)	957	1	365650 168587
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A12NW (W)	957	1	365650 168600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Assessment: County to Town Suitability Scale: Environment Agency, Head Office Source:	A19NW (NE)	968	1	367200 169350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A7NW (SW)	980	1	365720 168170
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A17SW (NW)	984	1	365800 169150
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A7NW (SW)	986	1	365725 168145
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) Assessment: chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NE (E)	994	1	367600 168587








Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Postcode Sector Flood Insurance Claim Ratings Insurance Rating: Very Low Flood Insurance Claim Rating - No Recorded Claims Postcode Sector: BS31 1	A13NE (NE)	0	2	366606 168587

EA / NRW / CEH Flood Data	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2017	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	November 2017	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	November 2017	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	November 2017	Quarterly
Flood Defences Environment Agency - Head Office	November 2017	Quarterly
EA / NRW Surface Water Flood Data	Version	Update Cycle
Surface Water 1 in 30 year Flood Depth Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Depth Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Depth Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 30 year Flood Velocity Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Velocity Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Velocity Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 30 year Flood Flow Direction 25m Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Flow Direction 25m Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Flow Direction 25m Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 30 year Flood Hazard Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Hazard Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Hazard Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified

JBA Flood Data	Version	Update Cycle
JBA 75 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2016	Annually
JBA 75 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2016	Annually
JBA 75 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2016	Annually
JBA 100 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2016	Annually
JBA 100 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2016	Annually
JBA 200 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2016	Annually
JBA 200 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2016	Annually
JBA 200 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2016	Annually
JBA 1000 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2016	Annually
JBA 1000 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2016	Annually
JBA 1000 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2016	Annually
JBA Canal Failure JBA Risk Management Limited	September 2016	Annually
JBA Dam Break JBA Risk Management Limited	September 2016	Annually
BGS Flood Data	Version	Update Cycle
BGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	February 2011	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
GeoSmart Information Groundwater Flooding Data	Version	Update Cycle
GeoSmart Information Groundwater Flood Risk GeoSmart Information Ltd	November 2017	Bi-Annually
OS Water Network Data	Version	Update Cycle
OS Water Network Lines Ordnance Survey	October 2017	6 Weekly
OS Water Network Nodes Ordnance Survey	October 2017	6 Weekly
EA/NRW Historic Flood Events Data	Version	Update Cycle
Historic Flood Events Environment Agency - Head Office	August 2017	Quarterly
Historical Flood Liabilities Landmark Information Group Limited	December 1999	Not Applicable

EA/NRW Risk of Flooding from Rivers and Sea (RoFRS)	Version	Update Cycle
RoFRS - Risk of Flooding from Rivers and Sea Environment Agency - Head Office	March 2017	Annually
Flood Insurance Risk Data	Version	Update Cycle
Postcode Sector Flood Insurance Claim Ratings Crawford and Company	October 2017	Quarterly

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Natural Resources Wales	
Centre for Ecology and Hydrology	
British Geological Survey	
GeoSmart Information	
JBA Risk Management	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
2	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
3	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 023 8079 2000 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409

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JBA Flood Data Information








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Geology 1:50,000 Maps Legends







Artificial Ground and Landslip














Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Cenozoic - Cenozoic
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	TFD	Tidal Flat Deposits	Clay and Silt	Holocene - Holocene
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Quaternary
	HEAD	Head	Clay and Silt	Quaternary - Quaternary
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Quaternary - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Quaternary
	HEAD	Head	Diamicton	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BDS	Bridport Sand Formation	Sandstone	Toarcian - Toarcian
	DYS	Dyrham Formation	Siltstone	Pliensbachian - Pliensbachian
	BNLS	Beacon Limestone Formation	Limestone	Toarcian - Pliensbachian
	CHAM	Charmouth Mudstone Formation	Mudstone	Pliensbachian - Sinemurian
	RLS	Rugby Limestone Member	Limestone and Mudstone, Interbedded	Sinemurian - Hettangian
	BLI	Blue Lias Formation	Limestone and Mudstone, Interbedded	Sinemurian - Rhaetian
	SASH	Saltford Shale Member	Mudstone	Hettangian - Rhaetian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WCT	Wilmcote Limestone Member	Limestone and Mudstone, Interbedded	Hettangian - Rhaetian
	PNG	Penarth Group	Mudstone	Rhaetian - Rhaetian
	WBCT	Westbury Formation and Cotham Member (Undifferentiated)	Mudstone and Limestone, Interbedded	Rhaetian - Rhaetian
	LPMB	Langport Member	Limestone	Rhaetian - Rhaetian
	BAN	Blue Anchor Formation	Mudstone	Rhaetian - Norian
	MMG	Mercia Mudstone Group	Mudstone	Rhaetian - Early Triassic
	MMG	Mercia Mudstone Group	Mudstone and Halite-stone	Rhaetian - Early Triassic
	RAD	Radstock Member	Mudstone, Siltstone and Sandstone	Westphalian D - Westphalian D
	FABR	Farrington Member and Barren Red Member (Undifferentiated)	Sandstone	Westphalian D - Westphalian D
	MGF	Mangotsfield Member	Sandstone	Bolsvian - Bolsvian
	DN	Downend Member	Sandstone	Bolsvian - Bolsvian
		Faults		
		Rock Segments		

Geology 1:50,000 Maps

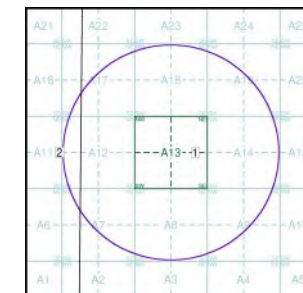
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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 ID:	2
Map Sheet No:	265	Map Sheet No:	264
Map Name:	Bath	Map Name:	Bristol
Map Date:	2011	Map Date:	2004
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Supplied	Faults:	Not Supplied
Landslip:	Available	Landslip:	Available
Rock Segments:	Not Supplied	Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

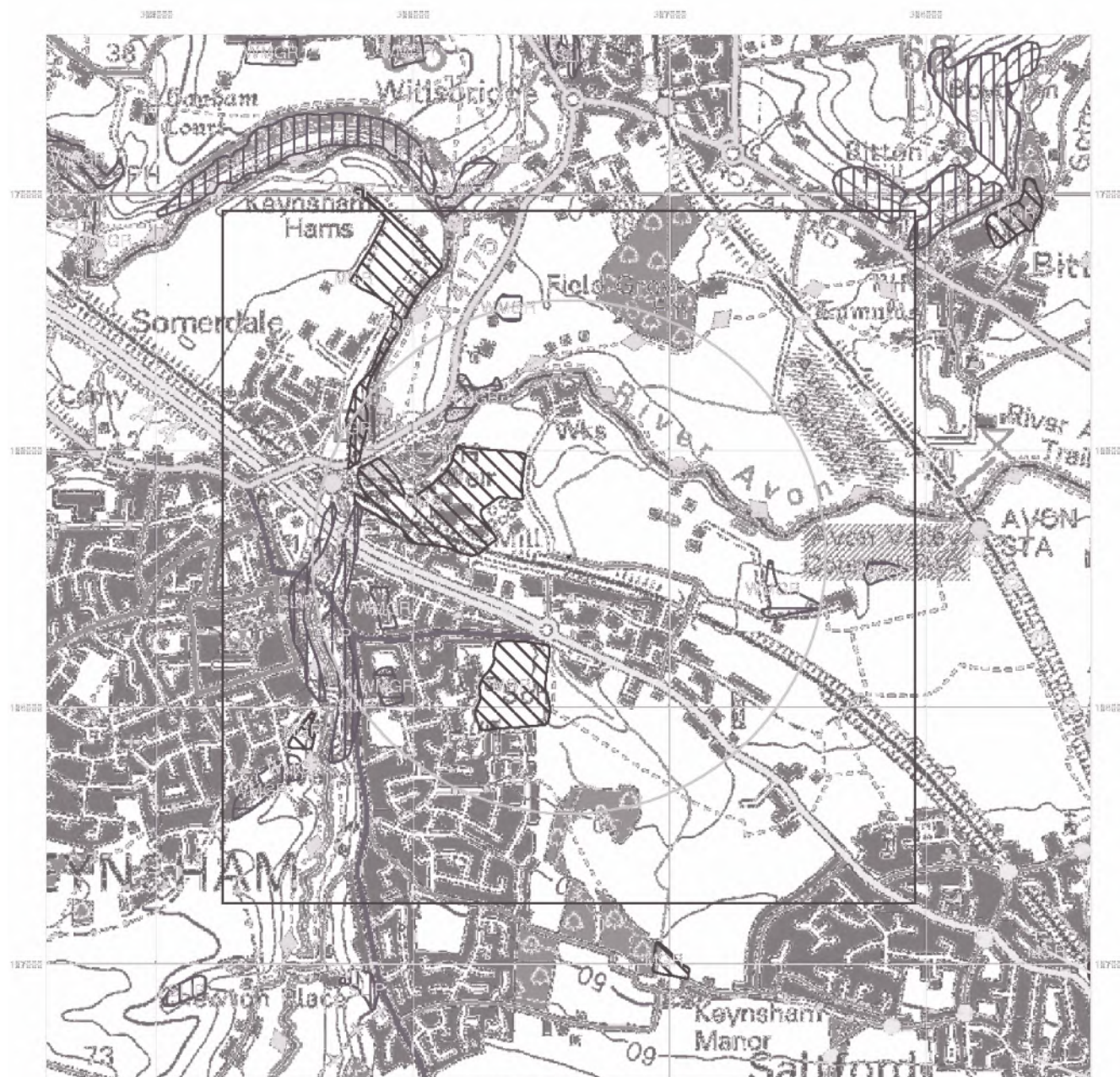


Order Details:

Order Number: 149353330_1_1
Customer Reference: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details:

Site at, Keynsham, Bath and North East Somerset



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Artificial Ground and Landfill

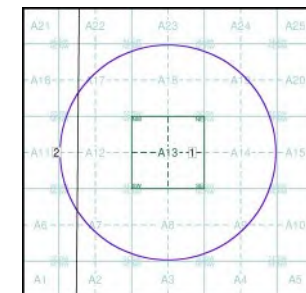
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



Order Details:

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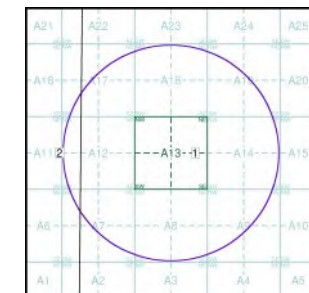
Superficial Geology

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: 149353330_1_1
Customer Reference: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
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Search Buffer (m): 1000

Site Details:

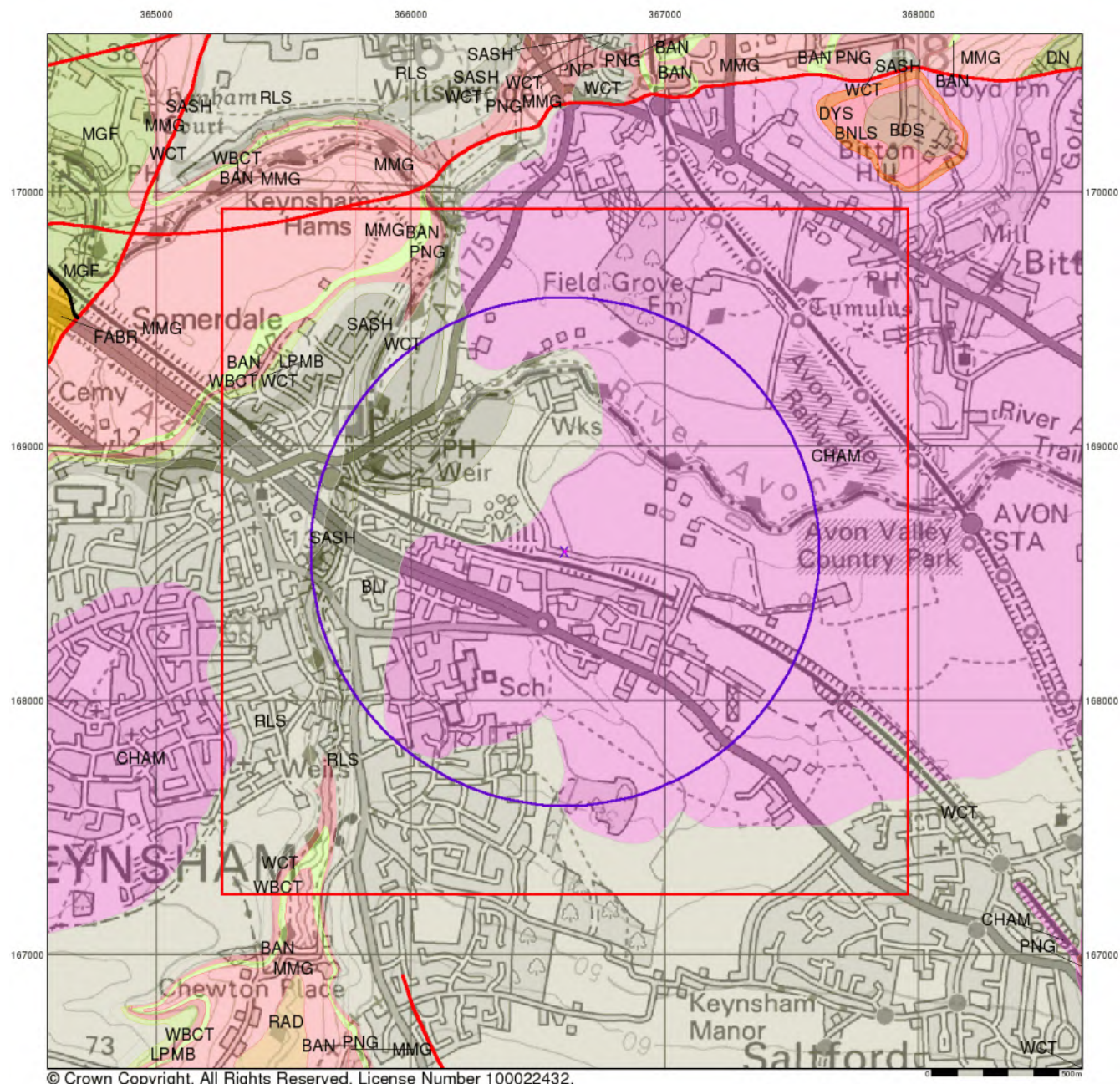
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Bedrock and Faults

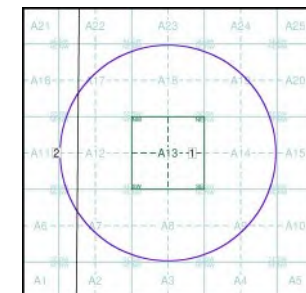
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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: 149353330_1_1
 Customer Reference: A4 Bristol to East Keynsham
 National Grid Reference: 366610, 168590
 Slice: A
 Site Area (Ha): 0.01
 Search Buffer (m): 1000

Site Details:

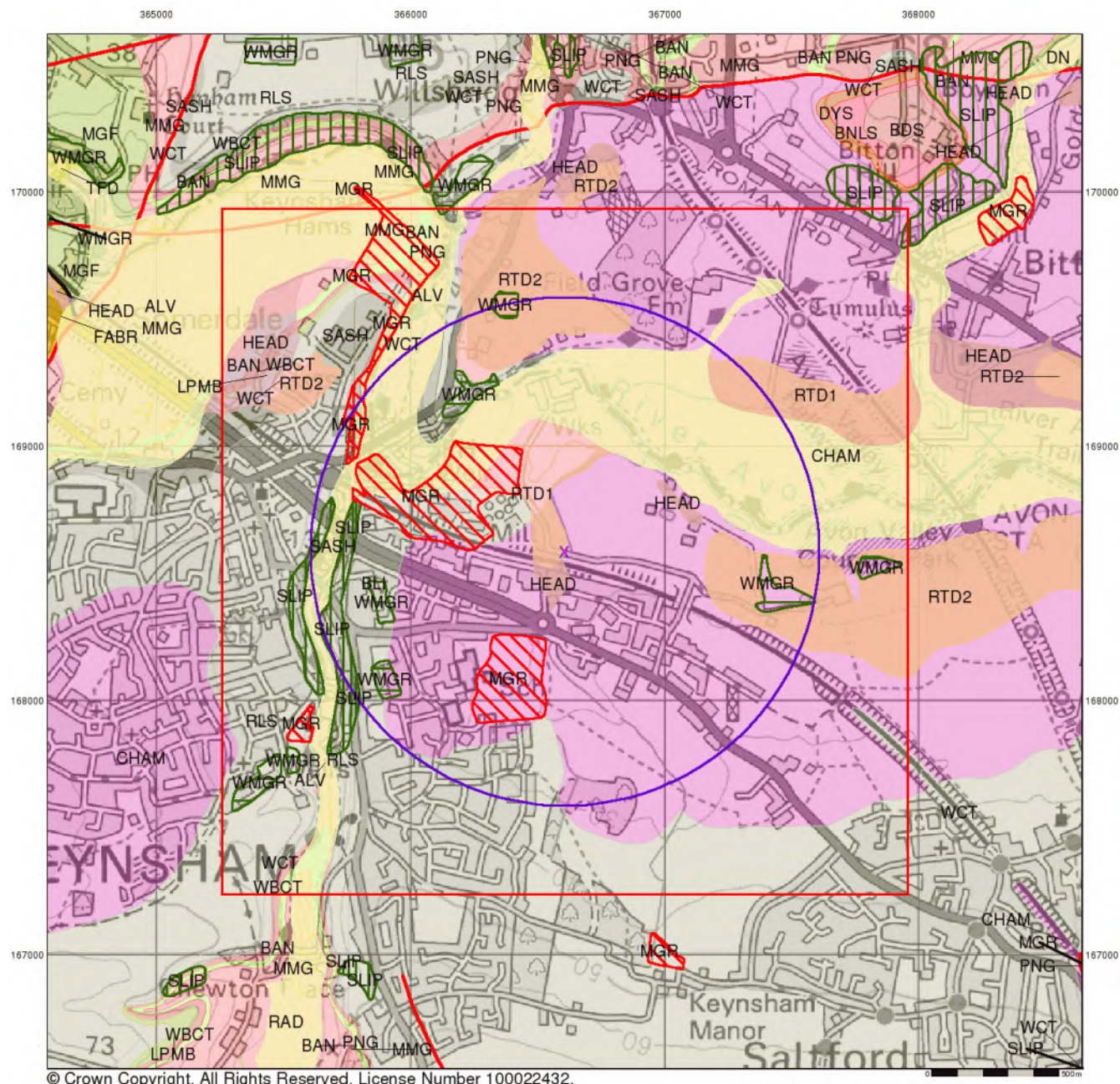
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Combined Surface Geology

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.

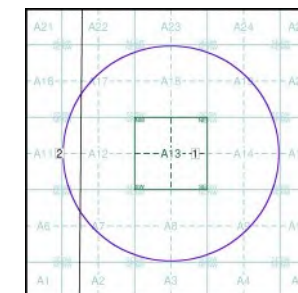
Additional Information

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
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 149353330_1_1
Customer Reference: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
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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

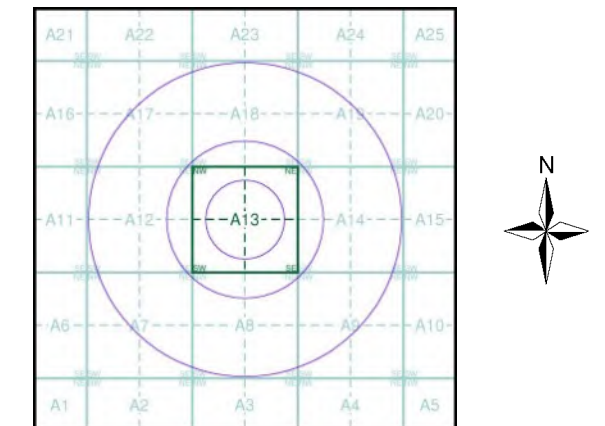
1:10,000 Raster Mapping

	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	1886 - 1887	4
Gloucestershire	1:10,560	1904	5
Somerset	1:10,560	1905	6
Gloucestershire	1:10,560	1920	7
Somerset	1:10,560	1932	8
Gloucestershire	1:10,560	1938	9
Somerset	1:10,560	1938	10
Somerset	1:10,560	1938	11
Gloucestershire	1:10,560	1938	12
Ordnance Survey Plan	1:10,000	1961	13
Ordnance Survey Plan	1:10,000	1968	14
Bristol	1:10,000	1972	15
Ordnance Survey Plan	1:10,000	1982	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2017	19

Historical Map - Slice A



Order Details

Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

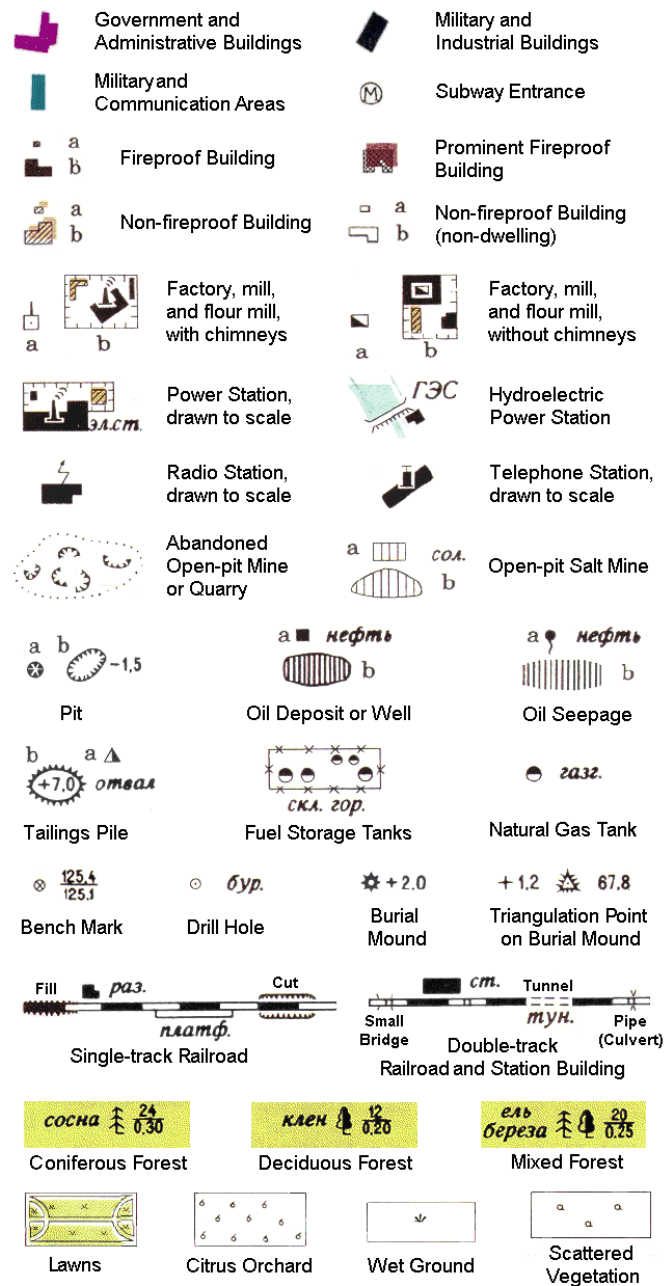
Site Details

Site at, Keynsham, Bath and North East Somerset

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

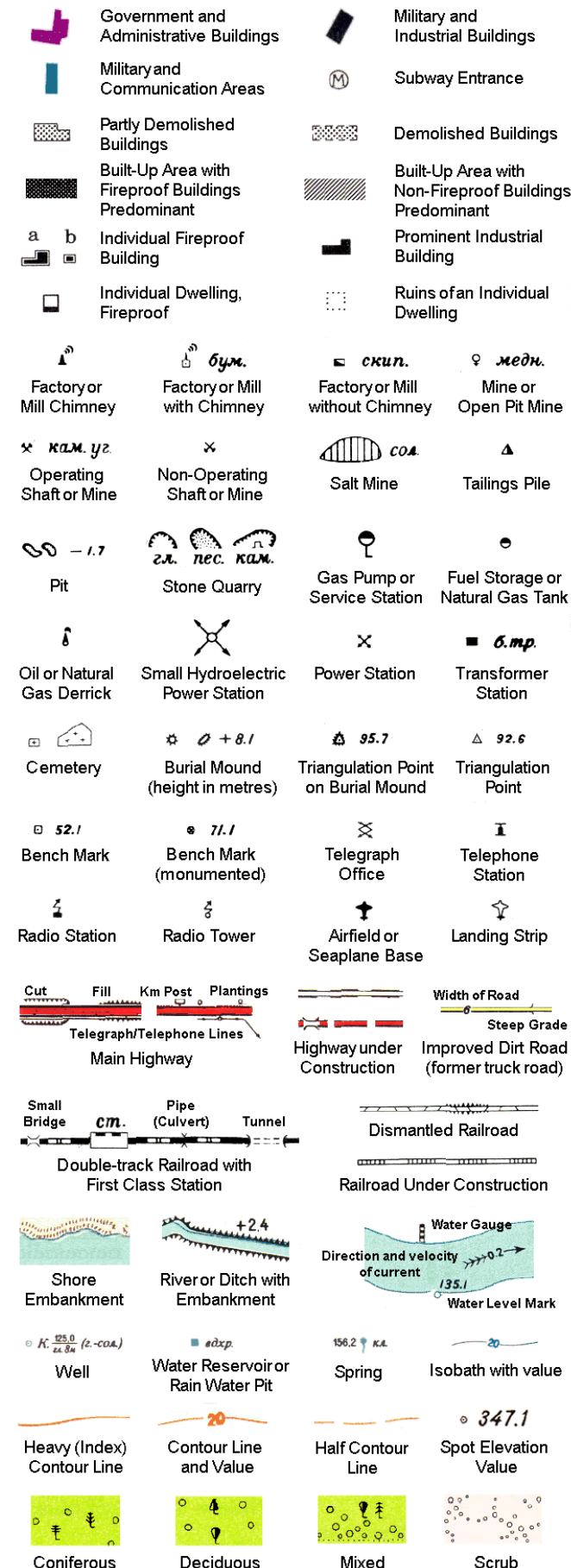
180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale



Key to Numbers on Mapping

ST66NE_Bristol

No.	Description
38	Chemical Plant
96	Sewage Works
110	Police Station/Headquarters
114	Factory (Paper)

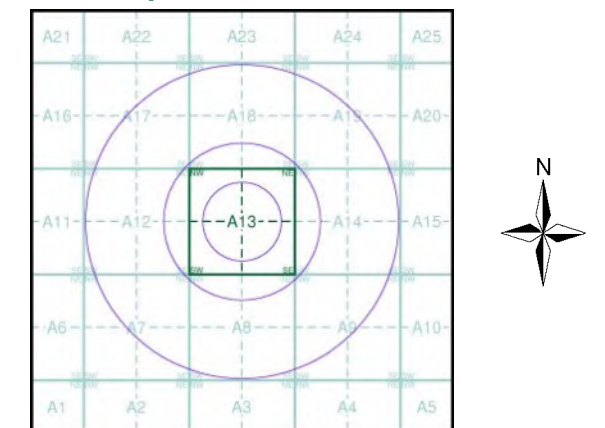
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1884	3
Gloucestershire	1:10,560	1886 - 1887	4
Gloucestershire	1:10,560	1904	5
Somerset	1:10,560	1905	6
Gloucestershire	1:10,560	1920	7
Somerset	1:10,560	1932	8
Gloucestershire	1:10,560	1938	9
Somerset	1:10,560	1938	10
Somerset	1:10,560	1938	11
Gloucestershire	1:10,560	1938	12
Ordnance Survey Plan	1:10,000	1961	13
Ordnance Survey Plan	1:10,000	1968	14
Bristol	1:10,000	1972	15
Ordnance Survey Plan	1:10,000	1982	16
10K Raster Mapping	1:10,000	1999	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2017	19

Russian Map - Slice A



Order Details

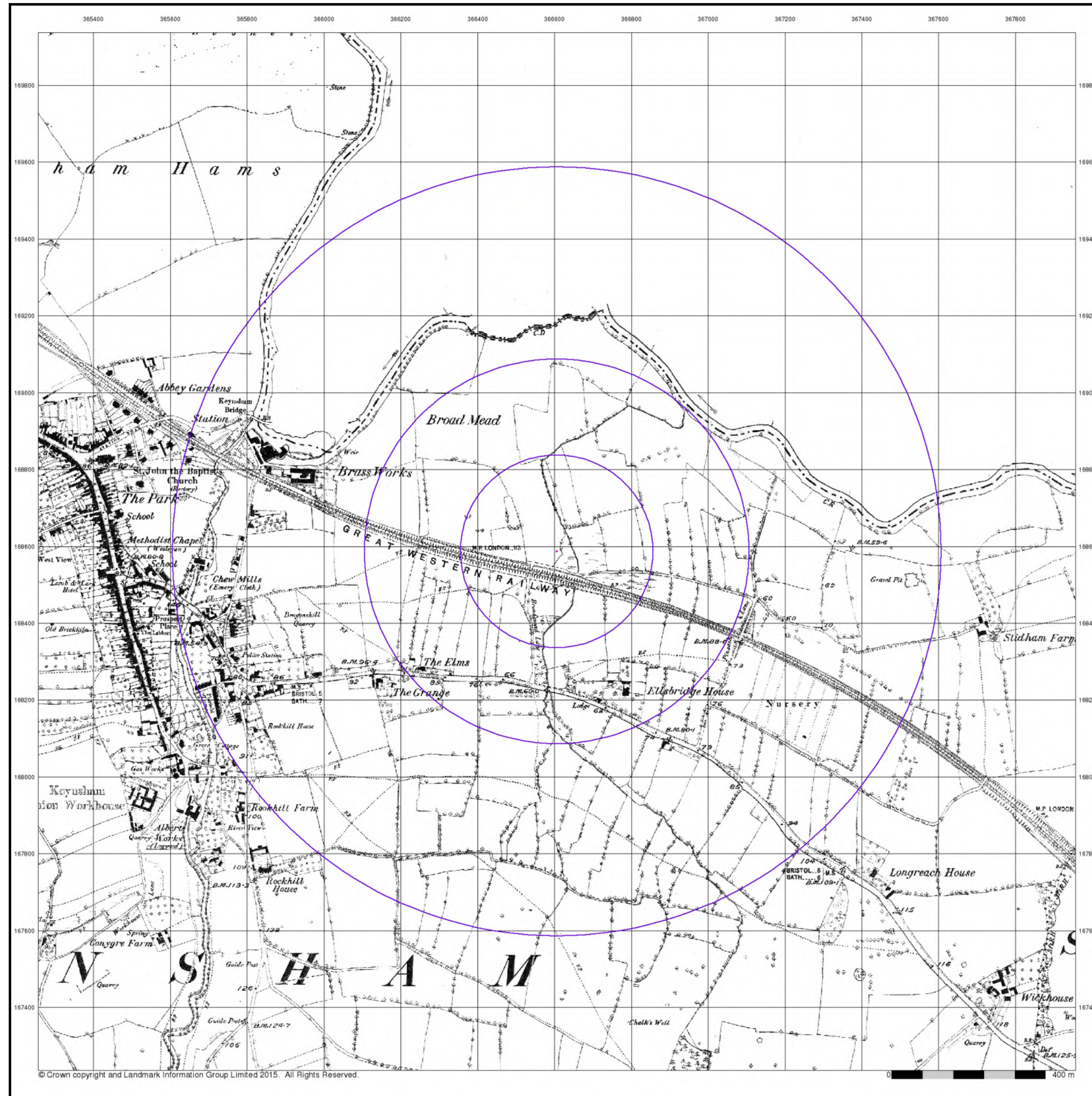
Order Number: 149353330_1_1
Customer Ref: A4 Bristol to East Keynsham
National Grid Reference: 366610, 168590
Slice: A
Site Area (Ha): 0.01
Search Buffer (m): 1000

Site Details

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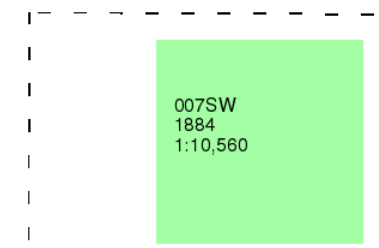
Somerset

Published 1884

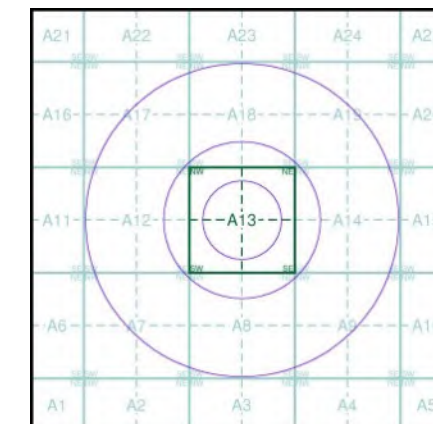
Source map scale - 1:10,560

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)



Historical Map - Slice A



Order Details

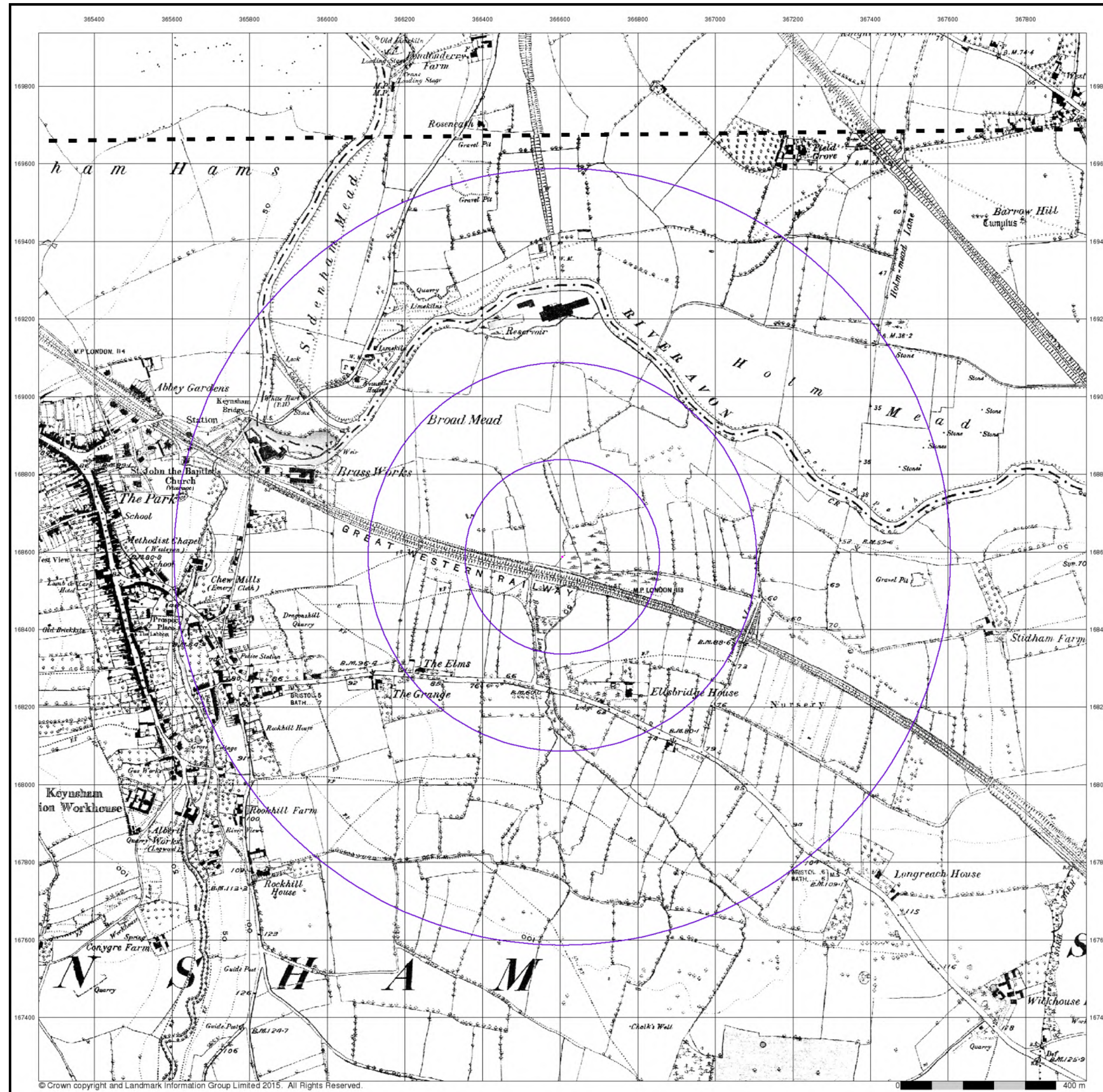
Order Number: 149353330_1_1
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Gloucestershire

Published 1886 - 1887

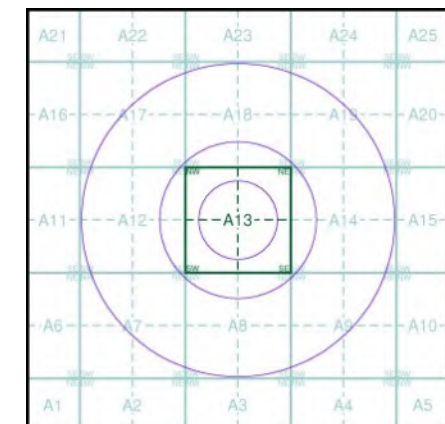
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Map Name(s) and Date(s)

076NE
1886
1:10,560
076SE
1887
1:10,560

Historical Map - Slice A

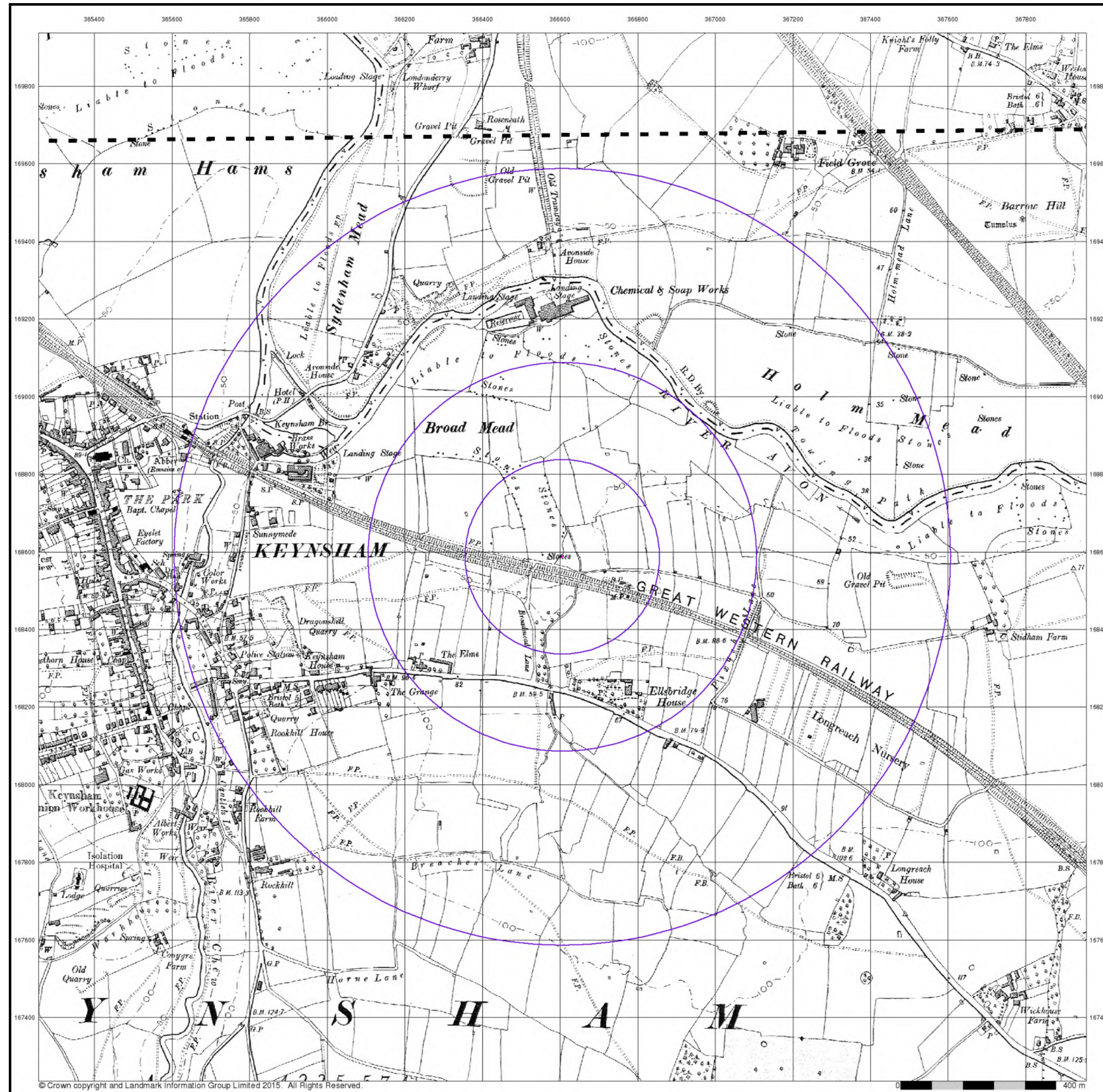


Order Details

Order Number:	149353330_1_1
Customer Ref:	A4 Bristol to East Keynsham
National Grid Reference:	366610, 168590
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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Gloucestershire

Published 1904

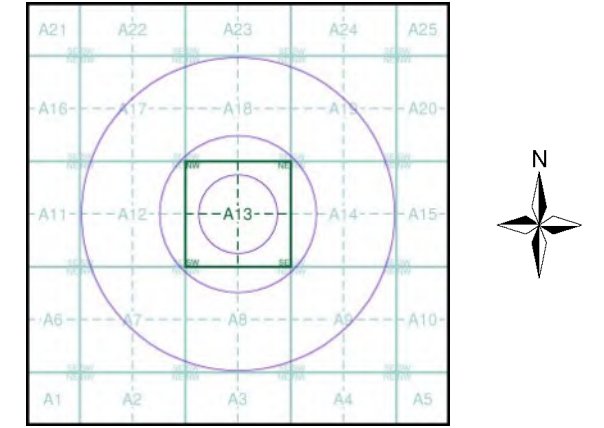
Source map scale - 1:10,560

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)

076NE
1904
1:10,560
076SE
1904
1:10,560

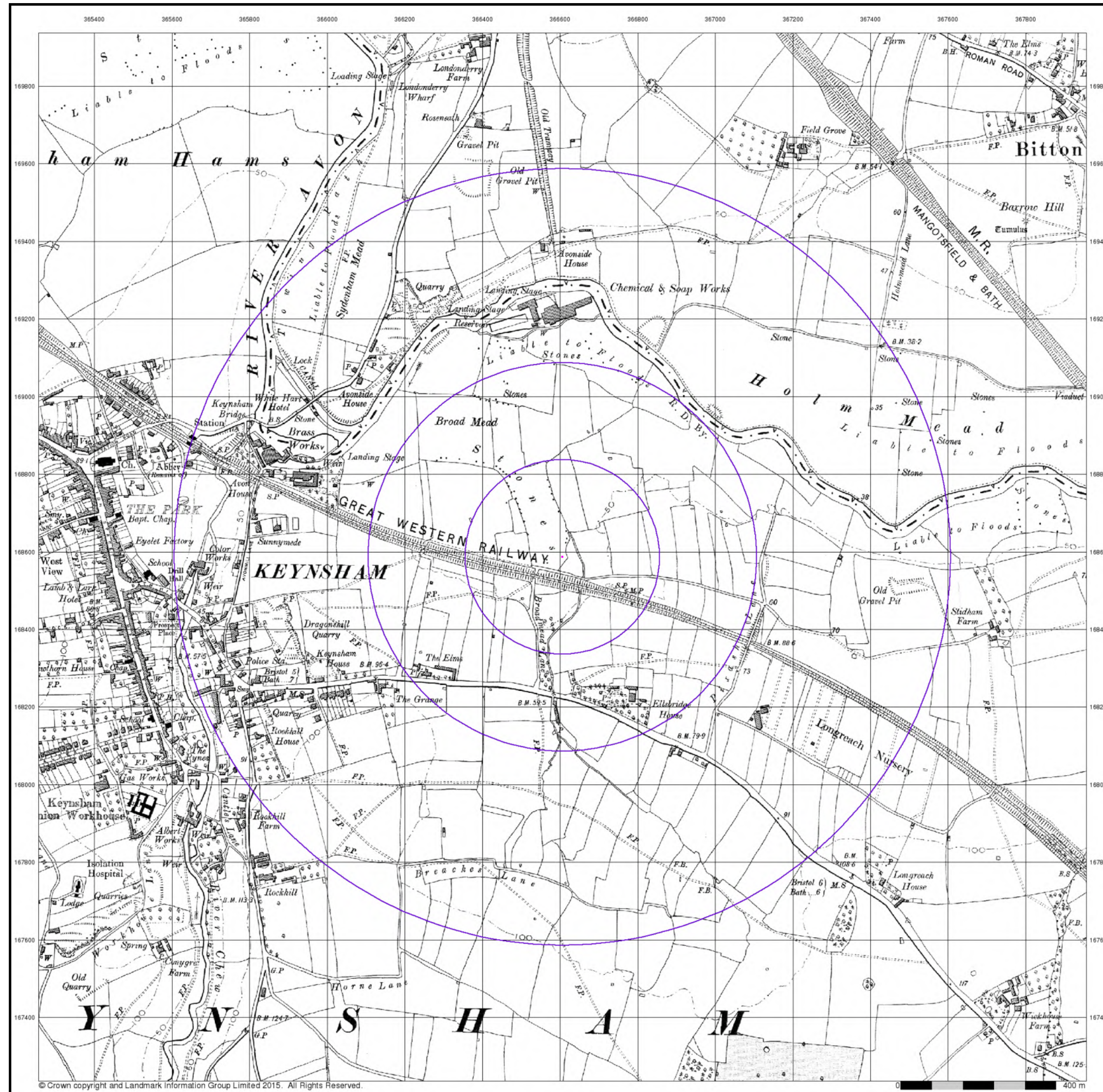
Historical Map - Slice A



Order Details	
Order Number:	149353330_1_1
Customer Ref:	A4 Bristol to East Keynsham
National Grid Reference:	366610, 168590
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

Site at, Keynsham, Bath and North East Somerset



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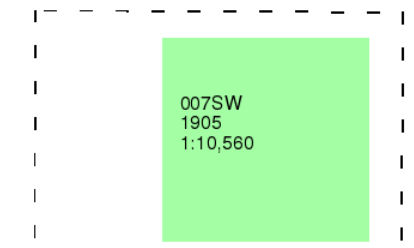
Somerset

Published 1905

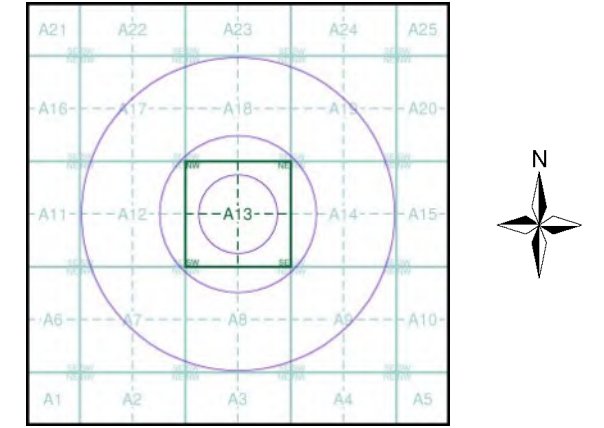
Source map scale - 1:10,560

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)



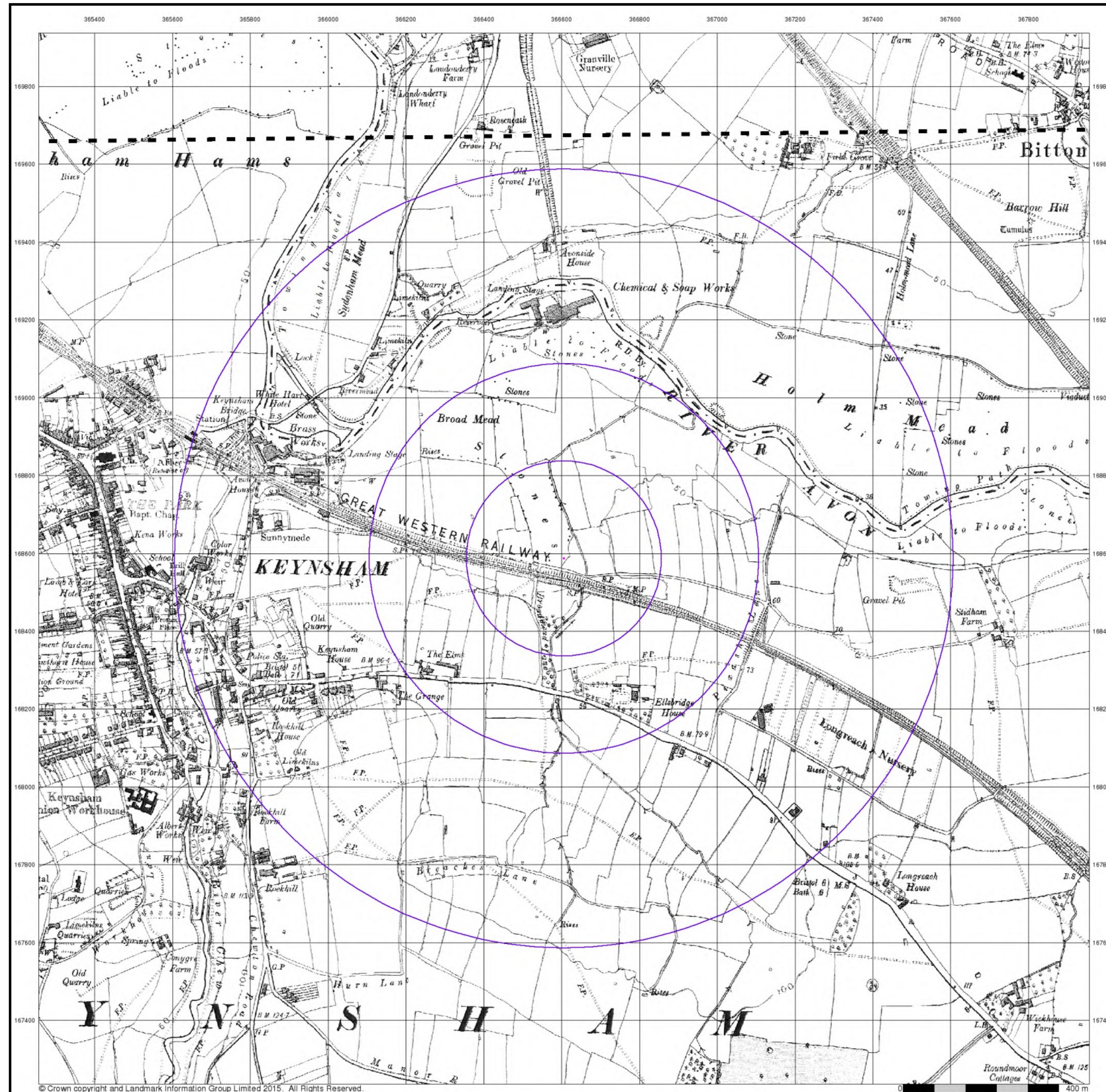
Historical Map - Slice A



Order Details	
Order Number:	149353330_1_1
Customer Ref:	A4 Bristol to East Keynsham
National Grid Reference:	366610, 168590
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

Site at, Keynsham, Bath and North East Somerset



Gloucestershire

Published 1920

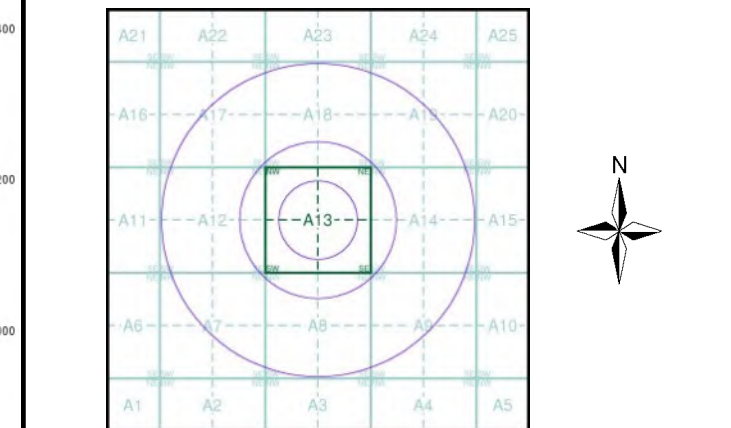
Source map scale - 1:10,560

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)

076NE
1920
1:10,560
076SE
1920
1:10,560

Historical Map - Slice A



Order Details

Order Number:	149353330_1_1
Customer Ref:	A4 Bristol to East Keynsham
National Grid Reference:	366610, 168590
Slice:	A
Site Area (Ha):	0.01
Search Buffer (m):	1000

Site Details

Site at, Keynsham, Bath and North East Somerset