

GROUND INVESTIGATION REPORT



FOR
BRISTOL STREET MOTORS FORD STROUD,
LONDON ROAD, STROUD,
GLOUCESTERSHIRE, GL5 2AX

Report No. 5125

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| Client | Piper Homes and Vertu Motors Plc | |
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GROUND INVESTIGATION REPORT FOR
BRISTOL STREET MOTORS FORD STROUD,
LONDON ROAD, STROUD, GLOUCESTERSHIRE, GL5 2AX
PREPARED FOR PIPER HOMES & VERTU MOTORS PLC

1 INTRODUCTION

- 1.1** It is proposed to redevelop the above commercial site with a residential development, complete with associated infrastructure, private gardens and parking. A ground investigation was requested to ascertain the ground conditions for appropriate ground floor slab and foundation design. A preliminary quantitative contamination risk assessment with regard to potential impacts to human health and/or controlled waters has also been undertaken.
- 1.2** This geotechnical investigation has been carried out in general accordance with the requirements of Eurocode 7 'Geotechnical Design', in particular BS EN 1997-1:2004 and BS EN 1997-2:2007 and BS EN ISO 14688-1:2002 and 14688-2:2004. The proposed development is considered to fall into the Geotechnical Category 2 classification, thus routine field and laboratory testing methods have been adopted. Reference has also been made to BS5930:2015 Code of Practice for Ground Investigation, and NHBC Standards Chapter 4.2 – 'Building Near Trees'.
- 1.3** The Geo-environmental assessment comprising Phase 1 desk study followed by Phase 2 testing and quantitative contamination risk assessment has been carried out in accordance with BS10175:2011 "Code of Practice for the Investigation of Potentially Contaminated Sites" and Environment Agency (EA) document "LCRM Land Contamination Risk Management (2020)".
- 1.4** This report has been prepared in line with the agreed scope of works set out within our proposal Q23008 dated 11th January 2023, with written instruction confirmed by ██████████ (Property director) on behalf of Vertu Motors and Piper Homes, to whom reliance on this report is presently restricted.

2 SITE LOCATION AND DESCRIPTION

- 2.1** Centered on National Grid Reference 385590, 204646, the site is split across two separate areas (referred to within this report as Area A and Area B) located on either side (Northeast and Southwest) of London Road within the town of Stroud, approximately 0.9km southeast of the town centre, as shown on drawing 5125/1.
- 2.2** A walkover survey was undertaken by this Practice on 8th March 2023 and a selection of representative photos is presented in Appendix 1, with their positions and orientation shown on existing site layout drawing 5125/2. Walkover observations are discussed in the following paragraphs.
- 2.3** Area A comprises an irregular shaped 0.24-hectare plot of land that fronts onto London Road (A419) along its entire southwestern boundary and from which vehicle access is made. This area comprises two single storey buildings situated roughly through the centre, the larger of the two in use as a used car sales showroom/offices and the other an open-sided car storage unit. Buildings appear to be in good condition with no obvious damage or signs of staining to either walls or floor slabs and both with corrugated metal pent roofs. Given the surrounding topography the buildings appear to have been constructed within a cutting. To the frontage is a part concrete part brick paved forecourt with ACO channel drains and covered with cars for sale. Given the former usage as a fuel service station several inspection covers were evident within the forecourt surface, which correspond with service plans of a known underground storage tank (UST) farm. To the immediate rear of the buildings ground level rises steeply up a wooded bank to a shallow sloping tarmac covered upper plateau in use as car parking. Vehicle access to the upper plateau is via a tarmac access ramp alongside the southeastern boundary. Immediately beyond the boundaries, with the exception of London Road to the southwest, Area A is entirely surrounded by residential properties.
- 2.4** Area B comprises a roughly rectangular shaped, 0.20-hectare plot of land situated on the inside corner of London Road (A419) to the northeast and Arundell Mill Lane to the northwest/west. Vehicle access is made from London Road onto the eastern corner. This area comprises a single large building that covers the majority of the northwestern two-thirds of the plot. Due to the gradient of the slope, the building is stepped internally likely having been cut into the slope. The building is currently used as a car maintenance garage for aftersales MOT's, servicing and repairs. Garage flooring was concrete and whilst in mostly good condition some cracks were observed,

although there was no evidence of any leakages/spillages. Roofing of this building appears to be of corrugated sheeting, all in good condition. Externally, the area is entirely covered by tarmac hardstand predominantly used as car parking to the southeast and southwest of the building, with the small open area to the northwest used for storage of empty oil drums and used tyres. External surface was in relatively good condition and there were no obvious leakages/spillages or stains observed. Immediately beyond the boundaries, the aforementioned London Road lies to the northeast, Arundell Mill Lane to the northwest/west. Three mature beech trees are growing on a patch of soft landscaping to the south whilst to the southeast is a residential development.

- 2.5** Topographic mapping data provided by the Google Earth aerial mapping suite indicates that the site falls steadily to the south-west in line with the immediate surrounding area, with Area A falling from 64m above Ordnance Datum (AOD) at the northeast boundary down to 57m AOD at the frontage on London Road and Area B falling from 57m AOD at its frontage with London Road down to 53m AOD at the southwestern boundary.

3 **DESK STUDY RESEARCHES**

Recorded Geology

- 3.1** The geology of the site is shown on the British Geological Survey (BGS) 1:10,000 scale mapping sheet SO 80 SE and online which broadly constitutes a mantle of ancient landslip over bedrock. In this area the blanket of landslip conceals the bedrock across wide areas thus the BGS merely refer to bedrock as the “undifferentiated Lias Group and Inferior Oolite Group” (LIIO). Based on this Practice’s previous work in the local area it is anticipated that the site is likely underlain by the Bridport Sand Formation (BdS) which is typically encountered as a silty sand. As mentioned above the entire site and surrounding area are covered by superficial landslip deposits, and mapping also indicates the southeastern corner of Area A may also be covered by a superficial mantle of River Terrace Deposits (RTD) which if encountered usually consists of unconsolidated detrital deposits of clay, sand and gravel. There are no areas of mapped made ground or geological faulting shown either on or within influencing distance of the site.

- 3.2** Most valley slopes in the area were affected to various degrees by landslipping or solifluction from peri-glacial times onward and whilst most slips reached stability long ago, in a few areas some do still exhibit seasonal movement (usually over wet winter months). In other areas it has sometimes proven difficult to distinguish between those areas affected and those not, since the physiographic evidence of long past landslipping may have become obscured by later development or by agricultural use. Whilst many such slopes are now stable, care is obviously required particularly when development proposals involve cutting into such slopes.
- 3.3** Whilst the BGS possess no pertinent archive borehole data within useable distance of the site, this Practice previously undertook an intrusive investigation to the immediate north, which identified a thick mantle of superficial made ground and cohesive landslide deposit over sandy clay of the (probable) Bridport Sand Formation (BdS).

Hydrogeology

- 3.4** The Envirocheck report (in Appendix 6) confirms that the BdS is classified as a “Principal” aquifer, meaning that it has a high intergranular and/or fracture permeability, capable of high-water storage and supporting water supplies at a strategic level, which in some cases an important source of base flow to rivers. The superficial RTD is classified as a “Secondary A” aquifer, meaning that it comprises permeable strata capable of supporting water supplies at a local rather than strategic level, and in some cases form an important source of baseflow to rivers. There are no nearby authorised EA groundwater abstractor points within influencing distance and the site does not reside within a groundwater Source Protection Zone (SPZ).
- 3.5** Based upon the above information the site is considered to lie within an area of moderate to high sensitivity in terms of groundwater resources.

Hydrology

- 3.6** The site itself contains no ponds or watercourses; the nearest surface water feature appears to be the River Frome some 65m to the south-west. The EA does not consider the site to be at risk of flooding from this water course. The site is almost entirely covered by building or external hardstand with very limited soft landscaping, suggesting that rainwater infiltration is expected to be negligible, dependent instead on either the existing drainage infrastructure.

- 3.7 Based upon the above information the site is considered to lie within an area of low sensitivity in terms of controlled surface waters.

Site History

- 3.8 The history of the site has been deduced by inspection of historical Ordnance Survey maps dating back to 1883 together with historical aerial imagery provided as part of the online Google Earth mapping service, and a selection of relevant extracts is presented on drawing 5125/4. On and off-site points of interest that may affect or be affected by the proposed development have been summarised within Table 1 below.

TABLE 1: SUMMARY OF SITE HISTORY

| Date (Source map scale) | On-Site | Off-Site | Potential Contaminants | Risk |
|---|---|--|---------------------------|-------------------|
| 1883 - 1885 (1:500, 1:2,500 & 1:10,560) | <p>Area A – Undeveloped fields, orchard and intervening hedgerows</p> <p>Area B – Undeveloped land</p> | <p>Area A: N/NW/E/SE – Fields/orchard SW – London Road 40m NW – Residential properties 50m SW - Reservoir 65m SW – Arundel Mill (Dye) 110m SW – River Frome 120m W – Mill Pond</p> <p>Area B: N/NW/E/SE – Fields/orchard NE – London Road NW – Arundell Mill Lane 40m NW – Residential properties 50m SW - Reservoir 10m SW – Arundel Mill (Dye) 20m W – Reservoir 50m SW – River Frome 100m W – Mill Pond</p> | None | Low |
| 1902-1903 (1:2,500 & 1:10,560) | <p>Area A – Orchard redeveloped with grounds of a large dwelling (three buildings present - likely a garage and garden sheds)</p> <p>Area B – No significant change</p> | <p>Area A: 10m NE – Residential dwelling 'Surrey Lodge' 45m E – Pump</p> <p>Area B: No significant change</p> | None | Low |
| 1922 - 1924 (1:2,500 & 1:10,560) | <p>Area A – No significant change</p> <p>Area B – No significant change</p> | <p>Area A: 120m W – Mill Pond is now a marsh</p> <p>Area B:</p> | None | Low / Moderate |

| Date (Source map scale) | On-Site | Off-Site | Potential Contaminants | Risk |
|--|--|--|---|----------|
| | | 100m W – Mill Pond is now a marsh | | |
| 1936 (1:2,500) | <p>Area A – Single large building constructed</p> <p>Area B – No significant change</p> | <p>Area A: 50m SW – Reservoir relabelled as Swimming Pool</p> <p>Area B: 20m W – Reservoir relabelled as Swimming Pool</p> | Toxic and phytotoxic metals | Moderate |
| 1950-1954 (1:10,000) | <p>Area A – No significant change</p> <p>Area B – Single T-shaped building (thought to be garage that remains until present day)</p> | <p>Area A: No significant change</p> <p>Area B: 15m SW – Arundel Mill no longer recorded and several buildings removed</p> | As above plus: Petroleum hydrocarbons (TPH) Polyaromatic Hydrocarbons (PAH) | High |
| Circa 1960 (1:2,500) | <p>Area A – Site redeveloped with single building labelled garage (Bristol St Motors car dealership and fuel station). Building remains until the present day</p> <p>Area B – No significant change</p> | <p>Area A: NW/N/SE – Residential properties constructed 120m W – Mill Pond is labelled as a refuse site</p> <p>Area B: SE – Suspected residential properties 100m W – Mill Pond is labelled as a refuse site</p> | As above plus: Methane gas Carbon dioxide gas | High |
| 1980 - 1984 (1:2,500 & 1:10,000) | <p>Area A – Second open fronted building constructed to SE of garage that remains until the present day. Station forecourt canopy constructed</p> <p>Area B – Three extensions constructed onto garage</p> | <p>Area A: No significant change</p> <p>Area B: No significant change</p> | As above | High |
| 2015 (Client information) | <p>Area A – Pumps removed and forecourt canopy removed. Four UST's decommissioned (tanks pumped dry and infilled with foam). Site continues to operate as car dealership</p> <p>Area B – No significant change</p> | <p>Area A: No significant change</p> <p>Area B: No significant change</p> | As above | High |
| 2015 – present day (1:2,500, 1:10,000, Google Earth Aerial Mapping) | <p>Area A: No significant change</p> <p>Area B: No significant change</p> | <p>Area A: No significant change</p> <p>Area B: No significant change</p> | As above | High |

| Date (Source map scale) | On-Site | Off-Site | Potential Contaminants | Risk |
|-----------------------------------|---------|----------|---------------------------|------|
| and present-day site walkover) | | | | |

- 3.9** Obviously Ordnance Survey plans only represent periodic snapshots in time and do not provide a continuous record of previous site usage, thus there is a risk that the site may contain buried remnant foundations of former buildings or waste products associated with previous site usage, which may not be evident from the site walkover inspection and desk study researches.

Landfill Gas and Radon Gas

- 3.10** The EA landfill register records one historic landfill site within 250m radius of the site. The 'Railway Viaduct' historic landfill lies 85m to the south-west/west which coincides with the backfilled former mill pond that was identified on historical mapping. No specific details are available regarding types of waste permitted or dates of input, however historical mapping suggests domestic waste (i.e. refuse) was likely to have been deposited between circa 1960 and 1988. Given the age (>30 years) it is likely that the Railway Viaduct is no longer gassing and that the risk to future development from migrating landfill-type gases is therefore relatively low, however given the proposal for a high sensitivity residential development landfill gas monitoring has been undertaken during this investigation as a precaution.

- 3.11** A site-specific UKradon report suggests that the site is located in an area where the maximum radon potential is 1-3%. No radon protection measures are required in new development at this site.

Unexploded Ordnance Risk

- 3.12** An online review of regional unexploded bomb data on the Zetica website indicates that this area of Gloucestershire is considered to constitute a low risk (less than fifteen bombs per thousand acres), for which a more detailed unexploded ordnance (UXO) assessment is considered unnecessary.

Surrounding Land Use

3.13 The Envirocheck report (presented in Appendix 6) includes a full search of EA and Local Authority records relating to historical, existing and future proposals for land use, groundwater records in terms of extraction and discharge consents and pollution incidents, listings of premises registered for the use of hazardous substances, industrial land uses and those regarded as sensitive areas. A considerable volume of information is therefore contained within the report, and whilst reference should be made to that document, for ease of reference the salient features are summarised as follows, and unless stated otherwise are all applicable within a 250m radius of the site.

There are no local authority-listed IPPC/IPC sites

There are no 'contaminated land register' entries/notices

There is one historical landfill entry c85m to the south-west ('Railway Viaduct') which reportedly received household waste however no specific information on input dates are available

There are no premises listed under the 'Control of Major Accident Hazards' or 'Notification of Installations handling Hazardous Substances' regulations

There are no 'explosive sites' or premises registered for the use/storage of radioactive substances

There is a single recorded active trade directory entry which relates to the service station on site (Area B)

There are no operational fuel stations

The site is considered to be at low risk of flooding

The site reportedly does not lie within a groundwater SPZ

4 PROPOSED DEVELOPMENT

4.1 It is proposed to redevelop the site with thirty-one residential dwellings, comprising a mixture of terraced two-storey private dwellings and two to three-storey apartments, complete with private gardens, soft landscaping, parking and access road infrastructure. The proposed development layout (based upon Umaa Architecture

drawing number 01266-02-SKO2, dated October 2022) has been reproduced as drawing 5125/3.

5 PRELIMINARY RISK ASSESSMENT AND CONCEPTUAL SITE MODEL

5.1 The site and its immediate surroundings have been assessed in terms of current and historical land use and the environmental, geological and hydrogeological setting; the methodology of which is described in Appendix 3. In view of the proposed residential development, for risk assessment purposes the **critical receptor** would be a female child (age class 1-6) and our assessment has been progressed on this basis.

5.2 Review of historical mapping suggests that the site appears to have been undeveloped since the earliest available mapping of 1883 up until c1902 when some residential garden buildings were constructed in Area A. It would appear that the site has been used commercially since the 1930's (a known car dealership, fuel service station and maintenance garage (Bristol St Motors Ford Stroud) since the 1960's until the present day.

5.3 In view of the foregoing the potential sources and the **principal contaminants of concern** are presented in Table 2 below.

TABLE 2: PRINCIPAL CONTAMINANTS OF CONCERN

| Potential Sources | | Principal Contaminants of Concern |
|-------------------|---|---|
| ON-SITE | Unrecorded made ground | Toxic and phytotoxic metals Petroleum hydrocarbons (TPH) Polycyclic aromatic hydrocarbons (PAH) Asbestos containing material (ACM) |
| | Buried Fuel Tanks, pump island and interceptors | PAH TPH |
| OFF-SITE | Historic Landfill (Railway Viaduct) | Carbon Dioxide gas Methane gas |

5.4 The above information is converted into the preliminary Conceptual Site Model shown in Figure 1 below, and the **potential pollutant linkages** involving future site users,



proposed services and local environmental receptors are discussed in Table 3, with appropriate risk levels.

FIGURE 1: PRELIMINARY CONCEPTUAL SITE MODEL (NTS)

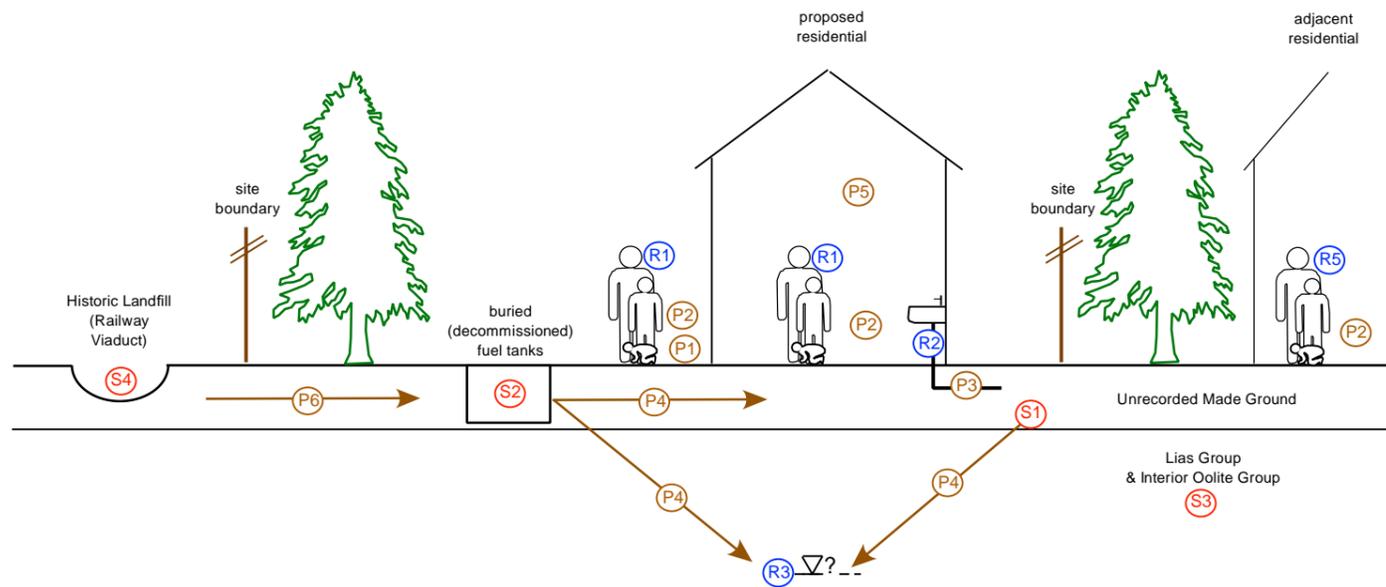


TABLE 3: SUMMARY OF PRELIMINARY POTENTIAL POLLUTANT LINKAGES

| Potential Sources | Pathways | Receptors | | | | | Comments | Preliminary Risk Assessment |
|-------------------|-----------|--|----|----|----|----|---|-----------------------------|
| | | R1 | R2 | R3 | R4 | R5 | | |
| ON-SITE | | | | | | | | |
| S1 | P1 | X | | | | | Residential development – greatest risk in areas of proposed gardens and/or soft landscaping | High |
| | P2 | X | | | | X | | |
| | P3 | | X | | | | | |
| | P4 | | | X | | | | |
| | P5 | | | | | | | |
| | P6 | | | | | | | |
| S2 | P1 | X | | | | | Possible risk of hydrocarbon residues from remnant UST's, interceptors and below former pump island | High |
| | P2 | X | | | | X | | |
| | P3 | | X | | | | | |
| | P4 | | | X | | | | |
| | P5 | | | | | | | |
| | P6 | | | | | | | |
| OFF-SITE | | | | | | | | |
| S3 | P1 | | | | | | Railway Viaduct historic landfill located within potential influencing distance | Low |
| | P2 | | | | | | | |
| | P3 | | | | | | | |
| | P4 | | | | | | | |
| | P5 | X | | | | | | |
| | P6 | | | | | | | |
| SOURCES | S1 | Unrecorded made ground potentially elevated in toxic/phytotoxic metals, TPH, PAH and ACM | | | | | | |
| | S2 | Possible hydrocarbons in soils surrounding UST farm, interceptors and below former pump island | | | | | | |
| | S3 | Off-site recorded historic landfill | | | | | | |
| PATHWAYS | P1 | Direct dermal contact or ingestion via soil or attached to vegetables grown for consumption | | | | | | |
| | P2 | Inhalation of dust and vapours | | | | | | |
| | P3 | Permeation into new water supply pipework | | | | | | |
| | P4 | Vertical leaching of leachable contaminants in unsaturated zone and lateral migration in saturated zone | | | | | | |
| | P5 | Landfill gas migration through unsaturated zone and accumulation within confined spaces | | | | | | |
| | P6 | Radon gas migration through unsaturated zone and accumulation within confined spaces | | | | | | |
| RECEPTORS | R1 | Future site users (critical receptor is female child age class 1-6) | | | | | | |
| | R2 | Potable water supply | | | | | | |
| | R3 | Groundwater BdS classifies as a "Principal" aquifer, RTD if present classifies as a 'Secondary A' aquifer) | | | | | | |
| | R4 | Surface waters (River Frome 50m SW of Area B) | | | | | | |
| | R5 | Adjacent site users (Residential) | | | | | | |

- 5.5 The findings of the Phase 1 desk study suggest a high risk that the site may contain contaminants at elevations sufficient to pose a significant risk to human health or environmental receptors. Given the proposal for a residential development, a contamination assessment has been undertaken, the results of which are reported below. All contamination test results have been incorporated into an appropriate quantitative risk assessment to determine risk levels to the obvious receptors in the form of future site users and groundwater quality, as well as those less obvious such as the proposed buildings and infrastructure, such that any necessary remedial measures can be identified and recommended to ensure that the developed site will be “fit for purpose”.

6 GROUND INVESTIGATION REPORT

Site Works

- 6.1 The Phase 2 intrusive investigation was undertaken on 27-28th March 2023 by way of window-sample borehole drilling. The number and location of all exploratory hole positions were selected by this Practice in order to obtain good coverage across the site with due regard to the proposed development layout, the historic usage as a fuel station and the findings of the Phase 1 researches. Exploratory hole locations were marked out on site using on / off-site reference points and their positions are indicated on drawings 5125/2 and 5125/3. A CAT electrical scanner was deployed at surface and inspection pits were manually excavated prior to all boreholes; no buried services were encountered during the works.
- 6.2 Seven windowless-sample boreholes (WS1-6 and WS8) were drilled to depths of between 3.45m and 4.45m using an Archway competitor dart drilling rig. It was proposed to drill WS7 in proximity to the UST farm, however due to concerns over live services in this area near the highway, it was considered prudent not to drill WS7 at this time. In-situ cone penetration tests (CPT) were undertaken at 1m depth intervals in accordance with BS EN ISO 22476-3:2005 to assess the relative density of the material penetrated and these results are indicated on the respective logs attached in Appendix 2. All arisings were logged on-site in accordance with Eurocode 7 (BS EN ISO 14688-1:2002 and 14688-2:2004) by a suitably qualified engineer from this Practice, and representative disturbed samples taken for geotechnical and contamination testing as appropriate.

- 6.3** Following completion of logging and sampling, WS1 and WS5 were installed with gas/groundwater monitoring wells with response zones between 1.0m and 2.7m depth. All other boreholes were backfilled with arisings and surface hardstand reinstated.
- 6.4** Gas/water monitoring visits were undertaken on 11th April, 17th April and 6th June 2023 and the results of which are presented in Table 9, Table 10 and Appendix 5. Note that monitoring was delayed whilst awaiting suitable atmospheric pressure conditions.

Laboratory Testing - Geotechnical

- 6.5** Several disturbed samples were taken for routine geotechnical classification testing, comprising moisture content and plasticity determinations, along with classification to the Unified Soil Classification Scheme (USCS) and NHBC Standards, plus acidity and sulphate analysis to BRE Special Digest 1 requirements. In addition, two samples were subject to drained shear box testing to determine peak and residual effective stress parameters. Results are tabulated below.

TABLE 4: MOISTURE CONTENT AND INDEX TEST RESULTS AND CLASSIFICATION

| WS No | Depth (m) | Sample of | Moisture Content (%) | Liquid Limit (%) | Plastic Limit (%) | Plasticity Index | Plasticity/USCS | Consistency Index | <425um (%) | Modified PI | Volume Change Potential (NHBC) |
|-------|-----------|-----------|----------------------|------------------|-------------------|------------------|-----------------|-------------------|------------|-------------|--------------------------------|
| WS1 | 1.50 | BdS | 24 | 53 | 21 | 32 | CIH | 0.91 | 100 | 32 | Medium |
| WS1 | 2.00 | BdS | 27 | 59 | 23 | 36 | CIH | 0.89 | 100 | 36 | Medium |
| WS2 | 0.50 | BdS | 28 | 65 | 29 | 36 | CIH | 1.03 | 100 | 36 | Medium |
| WS2 | 1.00 | BdS | 26 | 58 | 23 | 35 | CIH | 0.91 | 97 | 34 | Medium |
| WS4 | 2.00 | BdS | 24 | 44 | 21 | 23 | CIM | 0.87 | 100 | 23 | Medium |
| WS4 | 3.00 | BdS | 24 | 54 | 21 | 33 | CIH | 0.91 | 100 | 33 | Medium |
| WS4 | 4.00 | BdS | 28 | 65 | 26 | 39 | CIH | 0.95 | 92 | 36 | Medium |
| WS6 | 0.80 | MG | 20 | 50 | 20 | 30 | CIM | 1.00 | 100 | 30 | Medium |
| WS6 | 2.00 | BdS | 30 | 65 | 28 | 37 | CIH | 0.95 | 95 | 35 | Medium |

MG: Made Ground BdS: Bridport Sand Formation

TABLE 5: CHEMICAL TEST RESULTS AND CLASSIFICATION

| WS No | Depth (m) | Sample of | Water soluble sulphate SO ₄ (mg/l) | pH | Total sulphate (SO ₄) (%) | Total Sulphur (%) | Total Potential Sulphate (%) | BRE Special Digest 1 classification | |
|-------|-----------|-----------|---|-----|---------------------------------------|-------------------|------------------------------|-------------------------------------|------|
| | | | | | | | | DS | ACEC |
| WS1 | 2.00 | BdS | 15 | 8.3 | 0.05 | 0.04 | 0.12 | DS-1 | AC-1 |
| WS2 | 0.50 | BdS | 43 | 7.9 | 0.04 | 0.03 | 0.09 | DS-1 | AC-1 |
| WS2 | 1.00 | BdS | 22 | 8.2 | 0.05 | 0.03 | 0.09 | DS-1 | AC-1 |
| WS4 | 3.00 | BdS | 23 | 7.9 | 0.04 | 0.02 | 0.06 | DS-1 | AC-1 |
| WS4 | 4.00 | BdS | 17 | 8.2 | 0.04 | 0.02 | 0.06 | DS-1 | AC-1 |

BdS: Bridport Sand Formation

TABLE 6: SHEAR BOX TEST RESULTS

| WS No. | Depth (m) | Sample of | Residual Condition Values, Unfactored | |
|--------|-----------|-----------|---|---|
| | | | Effective Cohesion C' _r (in KPa) | Effective Shearing Resistance Ø' _r (degrees) |
| WS2 | 1.00 | BdS | 0 | 14.1 |
| WS4 | 3.00 | BdS | 0 | 30.9 |

BdS: Bridport Sand Formation

Laboratory Testing - Contamination

6.6 The contamination sampling scheme was conducted in accordance with BS10175:2011, with sampling providing general spatial coverage across the site as well as addressing the historic and existing land usage. It should be noted that at the time of the investigation the site was an active commercial property and consequently investigation positions were hampered by existing buildings, external obstructions, difficult access and services (both known and suspected). All test results have been incorporated into an appropriate risk assessment to determine risk levels to the receptors, such that any necessary remedial measures can be identified and recommended to ensure that the proposed development site is "fit for use".

6.7 Representative samples of made ground and shallow natural ground were taken from the upper 1.50m of extracted ground and were sent to UKAS accredited i2 Analytical Ltd where analysis selectively comprised the following:

Toxic and phytotoxic metals

pH

Asbestos Screen and ID

Polycyclic Aromatic Hydrocarbons (PAH)

Banded Petroleum Hydrocarbons screening (Carbon Range C6-C40)

Total Petroleum Hydrocarbon screening incl. BTEX and MTBE

Soil organic matter

- 6.8** The certified laboratory test results are presented in Appendix 3 and for convenience these have also been summarised to facilitate comparison against relevant assessment criteria. All results and their implications upon the preliminary CSM are further discussed in Sections 8 and 9.

Discussion on Ground Conditions

- 6.9** The boreholes have shown natural ground conditions to be commensurate with geological mapping. Beneath a variable mantle of made ground, boreholes encountered firm, slightly sandy clay becoming stiff with depth, representing the recorded BdS. Neither the superficial RTD or any evidence of shear planes that would be associated with landslip strata was identified. A summary of the observed strata is presented in Table 7 below, although for specific descriptions of ground conditions, reference should be made to the exploratory hole logs presented in Appendix 2.

TABLE 7: SUMMARY OF OBSERVED STRATA

| Stratum | Base Depth (m) | Notes |
|---|----------------|--------------------------------------|
| HARDSTAND: Black Tarmacadam | 0.05 – 0.15 | Encountered in all exploratory holes |
| MADE GROUND: probable strong, grey CONCRETE | 0.15 | Encountered in WS3 only |
| MADE GROUND: probable loose, dark brownish-grey or yellowish brown, sandy silty angular to sub-rounded, fine to coarse GRAVEL of variably concrete, tarmac, brick, limestone plus ashy deposit | 0.2 – 0.7 | Encountered in all exploratory holes |
| MADE GROUND: probable soft, dark brown, sandy, locally very gravelly, plastic CLAY (gravel is angular to subangular, fine to coarse brick, sandstone, limestone, concrete, ceramic plus ashy deposit) | 0.9 – 1.8 | Encountered in WS1, WS4-5 & WS8 |

| Stratum | Base Depth (m) | Notes |
|---|---|------------------------------|
| CLAY: Firm to stiff, light greyish brown to light grey, slightly sandy, silty plastic CLAY with locally rare gravel of angular to subangular medium to coarse limestone and mudstone (BRIDPORT SAND FORMATION) | >4.00 | Encountered in WS1-2 & WS4-6 |
| Roots | WS4 – 0.9 | |
| Desiccation | None visually identified | |
| Perched / Groundwater | WS1: 1.07mbgl WS2: 0.50mbgl WS5: 0.53mbgl WS6: .1.10mbgl | |

- 6.10** Based upon on-site visual and olfactory examination of the made ground there was nothing to suggest the presence of obviously significantly contaminated soils, although a faint hydrocarbon odour and stain was noted at c1.5m depth in WS5.
- 6.11** The BdS was identified as almost entirely cohesive in composition and index sampling classifies it as inorganic clay of intermediate to high plasticity and medium volume change potential in accordance with NHBC Standards. CI values were recorded between 0.87 and 1.03, suggesting that the soils were not desiccated at the time of the site investigation. As usual trees and hedgerows would be expected to desiccate the soil throughout the summer months with worst-case conditions expected at the end of a normal summer season, so depending upon the time of year of development the foregoing may change from that reported.
- 6.12** Water was encountered in boreholes WS1-2 and WS5-6 only. Monitoring wells were installed in boreholes WS1 and WS5 and subsequent water level monitoring then took place on three separate occasions over the following ten weeks. Monitoring results are shown in Table 8 and Appendix 5 and discussed in more detail below.

TABLE 8: SUMMARY OF WATER MONITORING RESULTS

| WS No. | Depth to Water (m) | | |
|--------|-----------------------------|-----------------------------|---------------------------|
| | 11 th April 2023 | 17 th April 2023 | 6 th June 2023 |
| WS1 | dry | dry | dry |
| WS5 | 1.47 | 1.30 | 1.25 |

- 6.13 As can be seen in Table 8, monitoring has recorded no water in WS1 and an relatively stable (slight rise only) in standing water level in WS5. Based on the findings during the drilling works and the borehole response zones it is considered that above readings most likely represent perched water within the made ground. Please note that perched/groundwater levels are of course subject to seasonal fluctuation according to prevailing weather conditions, and the situation encountered and described above could potentially change in the future, especially in a period of seemingly ever-apparent but unpredictable climate change.

7 **GEOTECHNICAL MODEL AND RECOMMENDATIONS FOR FOUNDATION DESIGN**

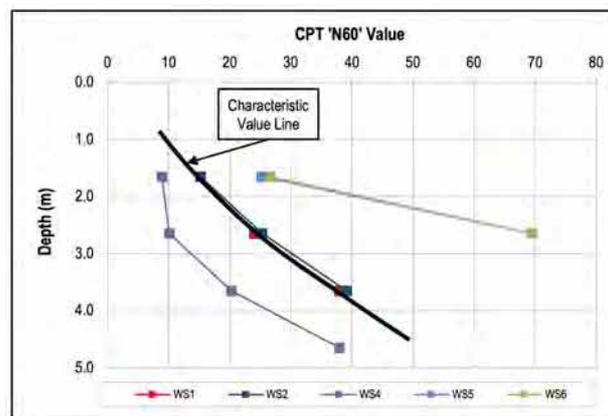
- 7.1 The site investigation works have proven ground conditions beneath the site to be in general accordance with recorded mapping. Beneath a variable mantle of made ground, boreholes encountered firm clay becoming stiff with depth, thought to represent the recorded BdS. Neither the superficial RTD or any evidence of landslip strata was identified.
- 7.2 In the absence of definitive information pertaining to structure and/or anticipated design loads etc, foundation recommendations at this stage are relatively generic, based upon assumed/envisaged methods of construction considering the ground conditions encountered.

Foundation Design

- 7.3 Foundations should be constructed through any localised softer or disturbed deposits (including any made ground etc) to found in undisturbed, natural material, subject to also penetrating any rooted and/or desiccated soils. Based upon the foregoing a minimum foundation depth of 2.00m depth is recommended.
- 7.4 Consideration has been given as to whether any foundation deepening is required (beyond the above minimum) to account for potential tree root activity. Site observations indicate that whilst there are a several semi-mature to mature trees including beech, cedar, horse chestnut, laurel and maple (all of moderate water demand) within potential influencing distance of one or more building footprints, NBHC do not require any additional deepening beyond the above minimum to take account

of potential tree root influence. Note that at the time of foundation excavations, trees and hedgerows should be properly identified by an arboriculturist and 'final' distances to buildings measured to confirm required minimum founding depths.

- 7.5** Heave protection will be required for Plots 8-17. Heave protection should take the form of a 50mm thick compressible membrane against the inside face of all external foundations deeper than 1.5m in order to overcome unbalanced lateral heave forces (unless NHBC is satisfied that the soil is not desiccated at the time of construction). In light of the made ground thickness commonly exceeding 600mm, all buildings will also require suspended ground floor slabs, which should incorporate a subfloor void of 100mm for insitu concrete or 250mm for pre-cast concrete and timber floors.
- 7.6** Design calculations in Eurocode 7 (BS EN 1997-1) require the establishment of design values for actions, ground properties and ground resistances, definition of the limits that must not be exceeded (usually a serviceability limit state), the setting up of calculation models for the relevant ultimate or serviceability limit state, and showing by such calculation that these limits will not be exceeded. Design values for such calculations are derived by applying partial factors to characteristic values for actions, ground properties and ground resistances, and based upon the foregoing geotechnical model and following the requirements of Design Approach 1, both Combination 1 and Combination 2 calculations have been undertaken. Calculation sheets can be provided upon request.
- 7.7** BS EN 1997-2:2007 and BS EN ISO 22475-1:2006 require quality class 1 samples for determination of soil strength, and such samples can only be obtained by category A sampling methods. To avoid the costly complexities of such sampling in-situ tests can alternatively be undertaken, the borehole cone penetration test (CPT) being the most commonly adopted method. Field results are adjusted or 'normalised' in accordance with Eurocode requirements (BS EN ISO 22476-9:2009), to generate characteristic values of undrained shear strength that can then be used for determination of bearing resistance as described above.
- 7.8** Uncorrected CPT N-values are shown on the borehole logs and normalised N-values shown are also presented as N_{60} versus depth in Figure 2.

FIGURE 2: CPT 'N60' VALUE -v- DEPTH

7.9 With reference to Figure 2, by adopting a CPT N_{60} value of 18 at 2.00m depth, and based on a conventional two-storey residential line load of 45kN/m, the design bearing resistance (bearing capacity) for a standard 0.6m wide strip/trench-fill foundation is estimated to be approximately 202kN/m², which exceeds the likely bearing pressure of 74kN/m² and confirms suitability. Similar calculations also demonstrate suitability for 0.45m wide foundations at this depth, although the factor of safety is less. The design bearing resistance continues to increase with increasing depth so greater founding depths will also be sufficient for the proposed development.

7.10 Perched water may be locally encountered. When encountered pumping would be prudent to ensure trenches remain dewatered and stable, and to avoid potential softening of the founding horizon before concrete is poured. It is recommended that any excavations are not left open and unsupported for any longer than necessary. As always please be aware that perched/groundwater levels may vary seasonally, and water may therefore be encountered at levels in variance to those recorded by this investigation.

Buried Concrete Protection

7.11 The results of acidity and sulphate testing presented in Table 5 show that buried concrete associated within foundations (up to 4.0m depth) and floor slabs can be designed to standard Design Sulphate Class DS-1 and Aggressive Chemical Environment for Concrete Class ACEC-1 in accordance with BRE Special Digest 1 (2005), i.e. no special sulphate resistance is required.

Pavement Design

- 7.12** With regard to road/pavement design, final ground levels are not currently known, but at an anticipated formation level of 0.5m below existing ground level this puts the formation horizon in made ground. A conservative California Bearing Ratio (CBR) value of 2% is typically adopted for made ground. As always it is recommended that in-situ CBR testing be carried out closer to the time of construction to obtain a more accurate site-specific design value. The soils encountered are unlikely to be frost-susceptible, although the Local Authority should be able to advise based upon their previous experience in the area.

Retaining Wall Design

- 7.13** Consideration has been given to slope stability. Whilst landslipping is likely to have occurred in geological history, our investigation did not identify any obvious evidence of landslipped strata such as suspected shear planes although such features are not always present. Our surface observations of the existing buildings and surrounding land suggest currently stable conditions.
- 7.14** Although specific details have not been provided, it is understood that the development proposal will entail cuts to be made into the existing slope, particularly to accommodate the footprints of Plots 18-31 and retaining structures will be necessary to provide permanent long-term support for the structures. Whilst the envisaged excavation and removal of near surface soil to create a level surface upon which the buildings will be constructed should significantly reduce the net loading intensity upon the sloping site the construction of the new dwellings will obviously reload the slope. Following completion of the site strip consideration could be given to the installation of a contiguous bored pile retaining wall along the boundary with London Road as this should then permit the safe excavation of material southwest of the wall. Subject to the advice of your structural engineer, the retaining wall can either be constructed to act as an integral part of the building structure or as a standalone structure as required.
- 7.15** Specialist piling contractors may request information of the deeper ground profile to acquire the additional necessary information for their design, and this Practice would be happy to arrange for deeper investigation as required.
- 7.16** Laboratory effective stress analysis was undertaken on two representative samples (WS2/1.00m and WS4/3.00m) and these results are presented in Table 6. The

unfactored effective stress parameters of $c' = 0\text{kN/m}^2$ and $\phi' = 14.1^\circ$ recorded in WS2/1.00m are considerably lower than the unfactored effective stress parameters of $c' = 0\text{kN/m}^2$ and $\phi' = 31^\circ$ recorded in WS4/3.00m, with the former possibly suggestive of a shallow mantle of landslipped ground/solifluction material. It is recommended that values of $c' = 0\text{kN/m}^2$ and $\phi' = 14.1^\circ$ can form the basis for the structural design, once appropriately factored by the structural engineer. Concerning the specific construction of any retaining structures, effective drainage should be incorporated in order to ensure that existing/future groundwater pathways are uninterrupted and to prevent any increase in pore-water pressure within the retained ground.

Recommendations for Monitoring of Ground Conditions During Construction

- 7.17** In view of the importance of founding on natural ground, a careful watch must be maintained during all foundation excavations to ensure that this requirement has been satisfied.
- 7.18** Due to the potential for the cohesive soils to shrink and swell, inspection during foundation excavations should ensure that no live roots or evidence of desiccation is visible at the founding horizon.
- 7.19** In the event of any doubt in the above matters, this Practice would be pleased to attend site as instructed.

8 CONTAMINATION RISK ASSESSMENT AND SOIL WASTE CLASSIFICATION

Human Health

- 8.1** The contamination risk assessment has been carried out in general accordance with the methodology described within Appendix 3. Testing has included samples of the made ground and near surface natural ground to assess their suitability for retention within a proposed residential development. Based on the development proposal, Tier 1 risk modelling has adopted the most-sensitive '***Residential with Plant Uptake***' land use scenario and the 'critical receptor' is taken as a female child of age class 1-6.

8.2 Several disturbed samples were taken for laboratory contamination testing as previously detailed in Section 6.6. Whilst these results are presented in full in Appendix 3, for ease of reference Table 9 below provides a summary of the maximum measured concentration of each determinand against respective Tier 1 GAC.

TABLE 9: COMPARISON OF SOIL CHEMICAL TEST RESULTS WITH GUIDELINE VALUES

| Determinand | Maximum Measured Concentration (mg/kg) | LQM/CIEH S4UL Residential with plant uptake (mg/kg) \$ | Tests Undertaken (No.) | Exceedances (No.) | Notes |
|--|--|--|------------------------|-------------------|-------------------------------------|
| Arsenic | 69 | 37 | 12 | 2 | WS2/0.55m WS4/0.60m |
| Cadmium | 3.6 | 11 | 12 | 0 | |
| Chromium III | 63 | 910 | 12 | 0 | |
| Chromium VI | <1.2 | 6 | 12 | 0 | |
| Lead | 320 | 200* | 12 | 2 | WS1/1.00m WS4/0.60m |
| Mercury | 0.8 | 40 | 12 | 0 | |
| Selenium | <1.0 | 250 | 12 | 0 | |
| Nickel | 52 | 180 | 12 | 0 | |
| Copper | 150 | 2,400 | 12 | 0 | |
| Zinc | 600 | 3,700 | 12 | 0 | |
| Asbestos Screen and ID | ND | <0.001% | 8 | 0 | |
| Benzo(a)anthracene | 63 | 11 | 12 | 1 | WS6/0.20m |
| Chrysene | 53 | 22 | 12 | 1 | WS6/0.20m |
| Benzo(b)fluoranthene | 84 | 3.3 | 12 | 3 | WS5/0.40m WS6/0.20m WS6/0.50m |
| Benzo(a)pyrene | 69 | 2.7 | 12 | 3 | WS5/0.40m WS6/0.20m WS6/0.50m |
| Indeno(1,2,3-cd)pyrene | 38 | 36 | 12 | 1 | WS6/0.20m |
| Dibenz(a,h)anthracene | 8.8 | 0.28 | 12 | 3 | WS5/0.40m WS6/0.20m WS6/0.50m |
| BTEX and MTBE | Various | Various | 6 | 0 | |
| TPH Aliphatic (C12-C16) | 510 | 330 | 6 | 1 | WS6/0.5m |
| TPH Aromatic (C12-C16) | 400 | 330 | 6 | 1 | WS6/0.50m |
| TPH Aromatic (C16-C21) | 830 | 540 | 6 | 1 | WS6/0.50m |
| Notes: | | | | | |
| * former C4SL used in absence of S4UL | | | | | |
| \$ based on soil organic matter = 2.5% | | | | | |
| ND = Non-Detect | | | | | |

- 8.3** The findings presented in Table 8 and within Appendix 3 indicates that all concentrations of phytotoxic metals are acceptable, and additionally, no loose fibres of asbestos were identified. It is noted however, that there are elevations of the toxic metals Arsenic and Lead, several PAH compounds plus Aromatic TPH encountered in near surface made ground. These may pose a risk to the future health of site users and have been considered in more detail below.
- 8.4** Firstly considering the toxic metal Arsenic, risk assessment has identified two values of 56mg/kg and 69mg/kg within samples of both made ground (WS4/0.6m) and LIIO (WS2/0.55m) which exceed its GAC of 37mg/kg. The results do not identify as outliers, which implies that they are unlikely to represent potentially significant hotspot areas, however it does indicate that contaminated soils are locally present within near surface made ground. Given the depth of the stratum within which the elevations were recorded and presence of uncontaminated soil above, these values are not considered to present a potentially significant risk to human health. Additionally, WS2 and WS4 are both located below proposed dwellings which would serve to break any potential pollutant linkages, therefore no further action is considered necessary to protect human health from Arsenic.
- 8.5** Considering the toxic metal Lead, risk assessment has identified two values 230mg/kg and 320mg/kg within made ground (WS1/1.0m and WS4/0.6m) that exceed its GAC of 200mg/kg. As discussed above for Arsenic, given the depth of the stratum within which the elevations were recorded and presence of a significant thickness of uncontaminated soil above, these values are not considered to present a potentially significant risk to human health and therefore no further action is considered necessary to protect human health from Lead.
- 8.6** Elevated values of several PAH compounds were recorded within made ground in three of the twelve samples tested (WS5/0.4m, WS6/0.20m and WS6/0.50m – all of which occurring below/adjacent to the former fuel station forecourt) and in the case of WS6, values significantly exceed the S4UL values. The possible sources of these elevations have been determined using the ‘double ratio plot’ tool which suggests ‘possible ‘coal tar/creosote’ as the most likely source for both samples in WS6. It is not immediately clear why such contaminants would be present, although creosote seems the more likely, and with reference to the site history the single large building shown on 1936 mapping (see drawing 5125/4) speculatively may have been a saw mill. Based on the foregoing with significant exceedances recorded at shallow depth

within an area proposed as gardens it is considered that there is potential risk to future site users so both further investigation and remedial action is considered necessary. An options appraisal is discussed in Section 8.16 below.

- 8.7** Elevated TPH (both Aliphatic and Aromatic – Carbon Banding C12-C21) was detected within the same sample of made ground (WS6/0.50m) below the former fuel station forecourt. Given the sites historical usage it is considered that the most likely source of this contamination is diesel. Recommendation has already been made for further investigation and remedial action on this soil to deal with PAH and such works would also deal with TPH.

Water Supply Pipework

- 8.8** Consideration has been given to the potential effects of recorded concentrations on new water utility pipework. Given that Area A is a former fuel service station and that the presence of organic contaminants has been confirmed, the installation of upgraded barrier pipework is recommended and the results of the contamination testing undertaken as part of this investigation would seem to support this.

Landfill Gas and Radon Gas

- 8.9** The Phase 1 report identified a potential off-site source of landfill gas from a recorded landfill. Despite the level of risk initially appearing to be low, as a precaution a landfill gas risk assessment has been undertaken. Assessment took place in general accordance with BS8485:2015 “Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings”, and with reference to Construction Industry Research and Information Association (CIRIA) 665: ‘Assessing risks posed by hazardous ground gases to buildings’ (2015).
- 8.10** WS1 and WS5 were the closest boreholes (in Area B and Area A respectively) to the potential source and were installed with gas monitoring wells. Gas monitoring took place on three separate occasions, the results of which are presented in Appendix 5. Results record low levels of carbon dioxide (0.9-1.8%), negligible methane (0.1-0.2%) and no flow (0.0 l/hr).
- 8.11** Two of the three gas monitoring visits (11th and 17th April 2023) were completed during an optimum period of both low and rapidly-falling atmospheric pressure and therefore

the results obtained to date are considered sufficient for determining if gas protection measures are necessary.

8.12 The implied maximum Characteristic Situation (CS) is derived by consideration of the maximum hazardous gas flow rate calculated from each monitoring well during the recent monitoring rounds, as shown in Table 10 below.

TABLE 10: SUMMARY GAS MONITORING RESULTS AND MAXIMUM CHARACTERISTIC SITUATION

| WS Ref | Maximum Steady State Flow (l/hr) | Maximum Peak Gas Concentrations (%) | | Peak Hazardous Gas Flow Rate (l/hr) | | Implied Characteristic Situation | | Worst-Case Hazardous Gas Flow Rate (l/hr) Q_{hg} | | Worst-Case Characteristic Situation | |
|--|----------------------------------|-------------------------------------|----------------|-------------------------------------|--------------|----------------------------------|-----------------|--|-----------------|-------------------------------------|-----------------|
| | | Methane | Carbon Dioxide | $Q_{hg}CH_4$ | $Q_{hg}CO_2$ | CH ₄ | CO ₂ | CH ₄ | CO ₂ | CH ₄ | CO ₂ |
| WS1 | 0.0 | 0.2 | 1.1 | 0.0002 | 0.0011 | CS1 | CS1 | | | | |
| WS5 | 0.0 | 0.2 | 1.8 | 0.0002 | 0.0018 | CS1 | CS1 | 0.0002 | 0.0018 | CS1 | CS1 |
| NOTES: | | | | | | | | | | | |
| Q_{hg} = equivalent to GSV in C665 | | | | | | | | | | | |
| * = where no gas flow is recorded, calculations have adopted an assumed flow at the lower limit of detection of the equipment i.e. 0.1l/hr | | | | | | | | | | | |
| Implied Characteristic Situation based on individual borehole data | | | | | | | | | | | |
| Worst-case gas flow rate and Characteristic Situation based on maximum observed flow rate and concentrations from all boreholes | | | | | | | | | | | |
| *It is assumed negative flow rate can equally become positive to same order of magnitude (as per BS8485) | | | | | | | | | | | |

8.13 As shown in Table 10 above, based on both peak and worst-case monitoring results the overall site classification is ‘CS1’ indicating a very low hazard potential. In accordance with BS8485:2015 the proposed residential developments are considered to be of Type A and classify as **High Risk**. As the buildings are of residential usage they are also considered to be of **High Sensitivity**. From the design Characteristic Situation and the building type a Gas Protection Score of 0 has been determined, for which no landfill gas protection measures are considered necessary.

8.14 As discussed in Section 3.11 no radon protection measures are required in new development at this site. This should as usual be confirmed with the appointed building control officer.

Controlled Waters

- 8.15** The risk to controlled waters has been assessed by leachate analysis on six representative near-surface samples of made ground and natural soil, selectively tested to determine the leachable content of toxic and phytotoxic metals and speciated PAH. It will be seen within Appendix 3 that there are no significant elevations that exceed EA EQS and/or WFD thresholds, on which basis the site is not considered to pose a significant risk to surface water/groundwater so pre-construction remedial action to protect controlled waters is not currently considered necessary.

Options Appraisal

- 8.16** It is an inherent requirement of LCRM 2020 for any land contamination assessment to include an **options appraisal** of possible remedial measures, which are advised as follows (mindful of the scale of development and localised extent of contamination).
- 8.17** The findings in WS6 indicate that organic contamination (PAH & TPH) is present at shallow depth within made ground below an area of the site proposed as private gardens. A potential pollutant linkage from the source to human health receptor has been identified and remediation/mitigation is recommended. Options to break the potential exposure pathway include soil treatment, soil removal and off-site disposal, or the application of a clean cover system across the affected garden plots. Given the small site area and anticipated small volume of contaminated material, soil treatment is unlikely to be cost effective, therefore either one of or a combination of both soil removal and off-site disposal, or the application of a clean cover system is the recommended remedial/mitigation option. Should soil removal and off-site disposal be the preferred option, consideration will then need to be given to the Waste Classification findings in Section 8.19-8.21. Considering the application of a clean cover system a provisional minimum thickness of 600mm is considered suitable. Any imported topsoil (and subsoil) should ideally be pre-certified as uncontaminated and suitable for a residential end use before being imported and records of compliance will need to be provided to the LPA. Should you wish to import uncertified soil this Practice would be happy to assist in acquiring representative samples for laboratory testing.
- 8.18** It is recognised that a catch pit taking surface drainage and decommissioned and foam filled UST's are still present below the forecourt in Area A. Obviously the pump island has been removed but it is unclear if pipework is still present. All these features will

need to be removed and it is recommended that further investigation and contamination sampling of these voids is completed soon after their removal.

Waste Classification for Off-site Disposal of Arisings

- 8.19** In accordance with current legislation all soil arisings generated for disposal as part of this development site are by definition a "commercial waste" and will be classified as both a directive and a controlled waste. Foundation excavations will generate arisings which may need to undergo controlled landfill disposal, which as per the European Waste Catalogue (EWC) will be coded 1705, that is "soil (including excavated soil from contaminated sites), stones and dredging spoil".
- 8.20** Using the HazWasteOnline software and in accordance with Technical Guidance Waste Management 3 (TGWM3 v1.2, 2021) the contamination test results obtained for that material have been compared with respective threshold data as set out in TGWM3 in order that this specific waste stream can be classified. As shown in Appendix 4 this material would be classified as a "Non-hazardous Mirror Entry" under EWC Code 170504 (soil and stones that do not contain the tested dangerous substances above the respective threshold value).
- 8.21** On the assumption that such non-hazardous arisings may be considered for disposal as inert waste to take advantage of a lower tipping rate, Waste Acceptance Criteria (WAC) testing has been undertaken on a single composite sample of all arisings (excluding topsoil) potentially destined for off-site disposal. As shown in Appendix 4, all determinands fall within the threshold for inert waste (EWC Code 17-05-04). It is recommended that the WAC results together with the contamination test data are provided to the chosen landfill operator for their own assessment of acceptability in advance of soil arrival.

Caveats

- 8.22** In line with best industry practice the scope of contamination testing has been based upon the site history, proposed land usage and actual findings, with reference where necessary to DoE Industry Profiles and DEFRA/EA guidance. To the best of our knowledge information concerning the land quality assessment is accurate at the date of issue, however subsurface conditions including ground contamination may vary spatially and with time. There may be conditions pertaining to the site not disclosed by the above sources of information which might have a bearing upon the

recommendations made, were such conditions known. We have however used our professional judgement in order to limit this during the investigation.

- 8.23** The conclusions and recommendations made in respect of land quality do not address any potential risks to site operatives or ground workers during the construction stage. These issues should be addressed by the Principal Contractor in accordance with the relevant statutory procedures and regulations (CDM Regulations 2015).
- 8.24** It is important that these limitations be clearly recognised when the findings and recommendations of this report are being interpreted. Additional assessment may be necessary should a significant delay occur between report date and implementation of the proposed scheme to which it relates.

9 REFINED CONCEPTUAL SITE MODEL

9.1 In view of the above discussions the Preliminary Conceptual Site Model has been refined as shown in Figure 3 and Table 11 below.

FIGURE 3: REFINED CONCEPTUAL SITE MODEL (NTS)

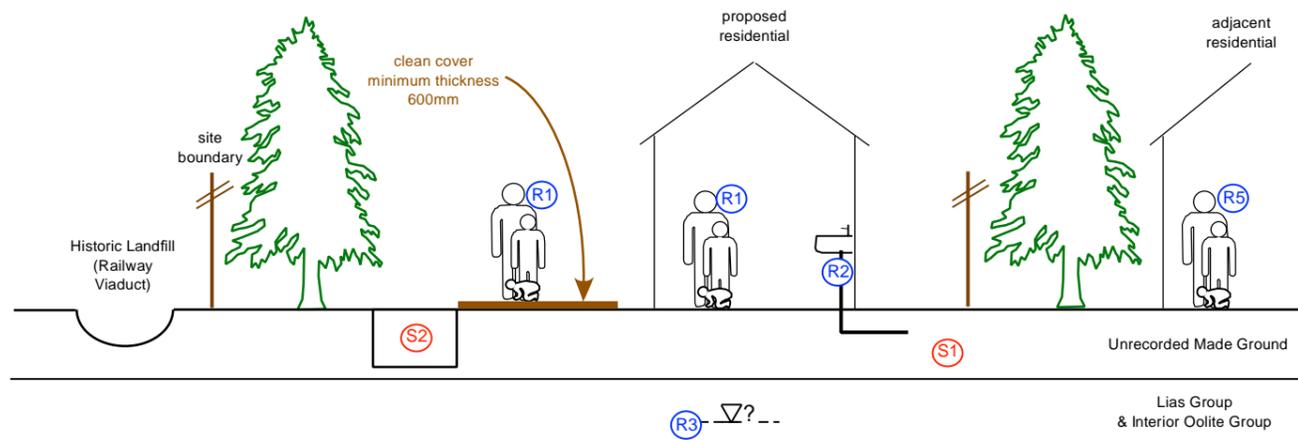


TABLE 11: SUMMARY OF IDENTIFIED/POTENTIAL POLLUTANT LINKAGES

| Potential Sources | Pathways | Receptors | | | | | Comments | Refined Risk Rating | Remedial/Mitigation Requirements |
|-------------------|-----------|---|----|----|----|----|---|---------------------|---|
| | | R1 | R2 | R3 | R4 | R5 | | | |
| ON-SITE | | | | | | | | | |
| S1 | P1 | X | | | | | Elevated PAH and TPH recorded in area proposed a rear gardens | High | Options appraisal includes either removal and off-site disposal or application of clean cover system across Plots 1-4 gardens |
| | P2 | X | | | | X | | | |
| | P3 | | X | | | | | | |
| | P4 | | | | | | | | |
| | P5 | | | | | | | | |
| | P6 | | | | | | | | |
| OFF-SITE | | | | | | | | | |
| None | - | | | | | | - | - | - |
| SOURCES | S1 | Elevated PAH and recorded in shallow surface made ground below former fuel station forecourt | | | | | | | |
| PATHWAYS | P1 | Direct dermal contact or ingestion via soil or attached to vegetables grown for consumption | | | | | | | |
| | P2 | Inhalation of dust and vapours | | | | | | | |
| | P3 | Permeation into new water supply pipework | | | | | | | |
| | P4 | Vertical leaching of leachable contaminants in unsaturated zone and lateral migration in saturated zone | | | | | | | |
| | P5 | Landfill gas migration through unsaturated zone and accumulation within confined spaces | | | | | | | |
| | P6 | Radon gas migration through unsaturated zone and accumulation within confined spaces | | | | | | | |
| RECEPTORS | R1 | Future site users (critical receptor is female child age class 1-6) | | | | | | | |
| | R2 | Potable water supply | | | | | | | |
| | R3 | Groundwater BdS classifies as a "Principal" aquifer, RTD classified as 'Secondary A' aquifer) | | | | | | | |
| | R4 | Surface waters (River Frome 50m SW of Area B) | | | | | | | |
| | R5 | Adjacent site users (Residential) | | | | | | | |

10 CONCLUSIONS AND RECOMMENDATIONS

- 10.1 The foregoing discussions and recommendations are based upon the results of a geo-environmental desk study, followed by intrusive ground investigation comprising boreholes plus insitu testing and laboratory geotechnical and contamination testing. The intrusive works appear to present a consistent pattern of subsoil conditions generally concordant with recorded geological mapping, comprising undisturbed sandy clay of the Bridport Sand Formation (part of the Lias Group & Inferior Oolite Group) below a mantle of made ground, although recorded superficial landslip/solifluction material was not identified. As always, a careful watch should be maintained for any anomalous conditions during site stripping and excavation, which should be reported back to this Practice for further investigation and assessment.
- 10.2 Based upon historic Ordnance Survey mapping, Area A was first developed circa 1936 with a large building of unknown usage. Circa 1960, Area A was redeveloped with the Bristol St Motors car dealership and fuel station. With the exception of the closure and decommissioning of the fuel station in 2015 it has subsequently remained unchanged until the present day. Area B was first developed in the 1950's with a garage. In the 1980's the garage was extended and has remained unchanged until the present day.
- 10.3 The intrusive investigation has proven a variable mantle of superficial hardstand and made ground up to 1.80m depth over bedrock of the recorded Bridport Sand Formation (part of the Lias Group & Inferior Oolite Group), generally encountered as firm to stiff, light greyish brown, sandy silty clay. Perched water was encountered in four out of the seven boreholes drilled, therefore some pumping may be necessary to prevent water from potentially softening the founding horizon. As always perched and groundwater levels do vary seasonally and care should be taken if development is proposed during traditionally wetter winter months, as a high-water table may then result in an adverse effect upon short-term side wall stability.
- 10.4 Foundations will need to penetrate any near surface disturbed, softer or desiccated ground to found within normally hydrated soil of the undisturbed BdS at a minimum depth of 2.0m (see **Section 7** for specific details). All buildings will require suspended ground floor slabs and Plots 8-17 will require heave protection.
- 10.5 Effective stress parameters of $c' = 0\text{kN/m}^2$ and $\phi' = 14.1^\circ$ once appropriately factored can be used within retaining wall design.

- 10.6** Buried concrete in open excavations can be designed to DS/AC-1 conditions as per BRE Special Digest 1 (2005) i.e. no special sulphate resistance required.
- 10.7** In terms of proposed external pavement design, a conservative CBR value of 2% is typically adopted when formation is within made ground. Soil is unlikely to be frost susceptible. As always we recommend that in-situ tests be undertaken closer to the time of construction once the final development layout is confirmed, since CBR can vary seasonably.
- 10.8** A detailed contamination risk assessment has identified a potential risk to future site users from locally elevated PAH and TPH, and for which further investigation and testing followed by remedial action has been recommended. Additionally, it is recognised that sources including a catch pit that takes in forecourt surface drainage and a decommissioned UST farm are still present below the forecourt in Area A which will also require further investigation and contamination sampling following their removal. There is no perceived risk to controlled waters.
- 10.9** There is no requirement for either landfill gas or radon gas protection in new buildings.
- 10.10** Regarding offsite disposal of surplus excavated arisings, waste classification records a Non-hazardous Mirror Entry, and WAC testing has identified that they should also be suitable for disposal as inert waste (EWC Code 17-05-04).
- 10.11** Should planning consent be subject to certain conditions, this report and attachments should be lodged with the local planning authority, such that they can update their records.
- 10.12** The above recommendations must not be used in respect of any development differing in any way from the proposals described in this report, without reference back to this Practice or to another geotechnical/geo-environmental specialist.

11 REFERENCES

Geotechnical

British Standards Institute, BS5930:2015 '*Code of Practice for Ground Investigations*'

National House Building Council (NHBC) Standards: Chapter 4.2 '*Building Near Trees*' (2020)

BS EN 14688: '*Geotechnical Investigation and Testing - Identification and Classification of Soil Part 1 Identification and Description*' (2002)

BS EN 14688: '*Geotechnical Investigation and Testing - Identification and Classification of Soil Part 2 Principles for a Classification*' (2004)

BS EN 14689: '*Geotechnical Investigation and Testing - Identification and Classification of Rock Part 1 Identification and Description*' (2003)

British Standards Institute, BS 1377: '*British Standard Methods of Test for Soils for Civil Engineering Purposes*', Parts 1 - 9, (1990)

Highways Agency Interim Advice Note 73/06 Rev.1 (2009) Design Guidance for Road Pavement Foundations

Building Research Establishment (BRE) Special Digest 1 '*Concrete in Aggressive Ground*' (2005)

British Geological Survey mapping Sheet SO 80 SE (1975) (1:10,000) and online

Building Research Establishment (BRE) Digest 365 "*Soakaway Design*" (2007)

Department of Transport Series 600: '*Specification for Earthworks*' (1991)

Environmental

British Standards Institute, BS 10175: '*Code of Practice for the Investigation of Potentially Contaminated Sites*' (2011)

Environment Agency LCRM: '*Land Contamination Risk Management*' (2020)

Environment Agency/National House Building Council (NHBC) R&D 66 '*Guidance for the Safe Development of Housing on Land Affected by Contamination*' (2000)

Chartered Institute of Environmental Health (CIEH)/Land Quality Management Limited (LQM). The LQM/CIEH '*Generic Assessment Criteria for Human Health Risk Assessment*' (2nd Edition). Land Quality Press

CL:AIRE document '*Petroleum Hydrocarbons in Groundwater*' (2017)

DEFRA: SP1010: '*Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination - Policy Companion Document*' (2014)

CIEH/LQM. '*S4ULs for Human Health Risk Assessment*' (2015); Land Quality Press"

Department of the Environment, Transport & the Regions: '*The Environmental Protection Act 1990: Part IIA*' (2000)

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CIRIA C735:2014 '*Good Practice on the Testing and Verification of Protection Systems for Buildings Against Hazardous Ground Gases*'

British Standards Institute, BS8485: '*Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings*' (2015)

Building Research Establishment (BRE BR211): Radon – '*Guidance on protective measures for new buildings*' (2015)

Environment Agency. '*River Basins Typology, Standards and Groundwater (Water Framework Directive) (England and Wales) Directions*' (2010)

Environment Agency. *'The Water Framework Directive (Standards and Classification) Directions (England and Wales)' (2015)*

The Water Supply (Water Quality) Regulations 2000 (Amendment) Regulations (2007)

UK Water Industry Research Limited (UKWIR). *'Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites' (2010)*

Technical Guidance Waste Management 3 (TGWM3, EA Version 2.1, 2021)

Building Research Establishment (BRE)- *'Cover Systems for Land Regeneration' (2004)*

The Water Framework Directive (Standards and Classification) Directions (England and Wales)' (2015)

The Water Supply (Water Quality) Regulations 2000 (Amendment) Regulations (2007)

Environment Agency (www.environment-agency.gov.uk)

Health Protection Agency (www.hpa.org.uk)

Zetica (www.zetica.com)

UK WIR report 'Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites' (2010)

Google Earth (current and historical aerial mapping plus street view)

MAGIC (www.magic-defra.gov.uk)

Envirocheck Report Ref: 310243174_1_1, dated 20 April 2023

UK Grid Reference Finder (www.gridreferencefinder.com)

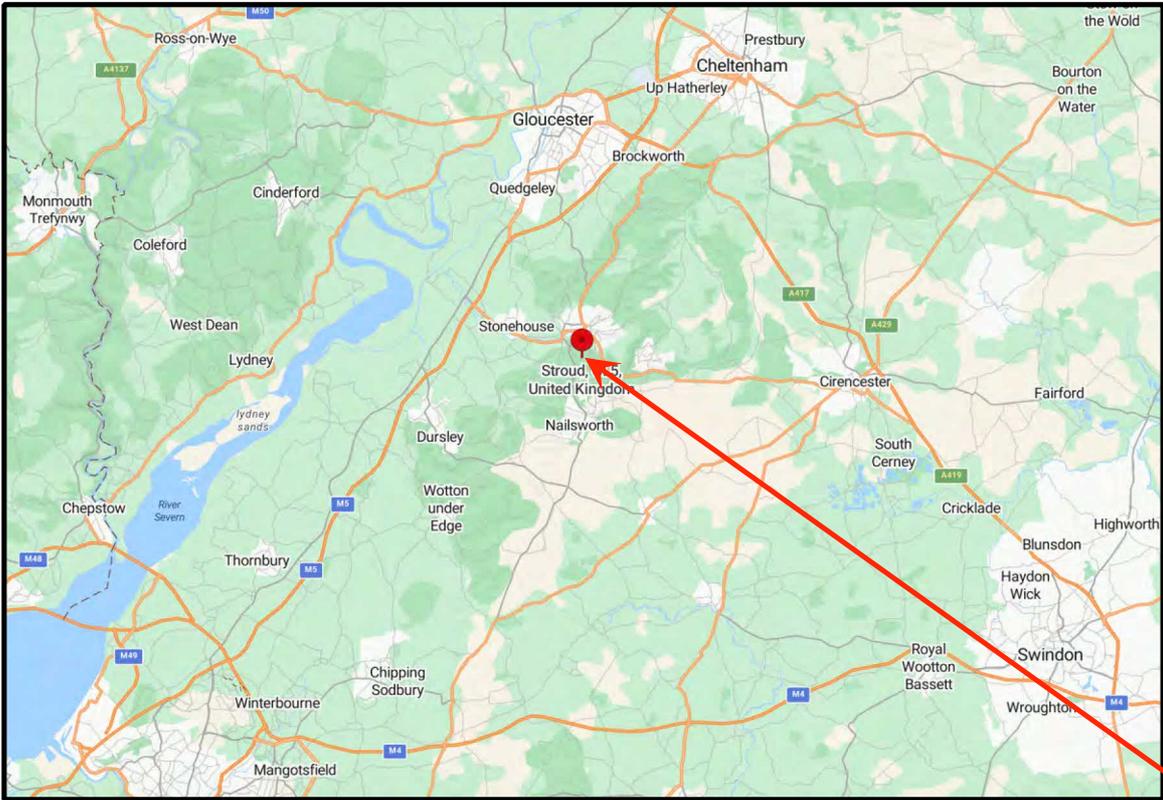
HazWaste Online (www.hazwasteonline.com)

BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD,
GLOUCESTERSHIRE GL5 2AX!

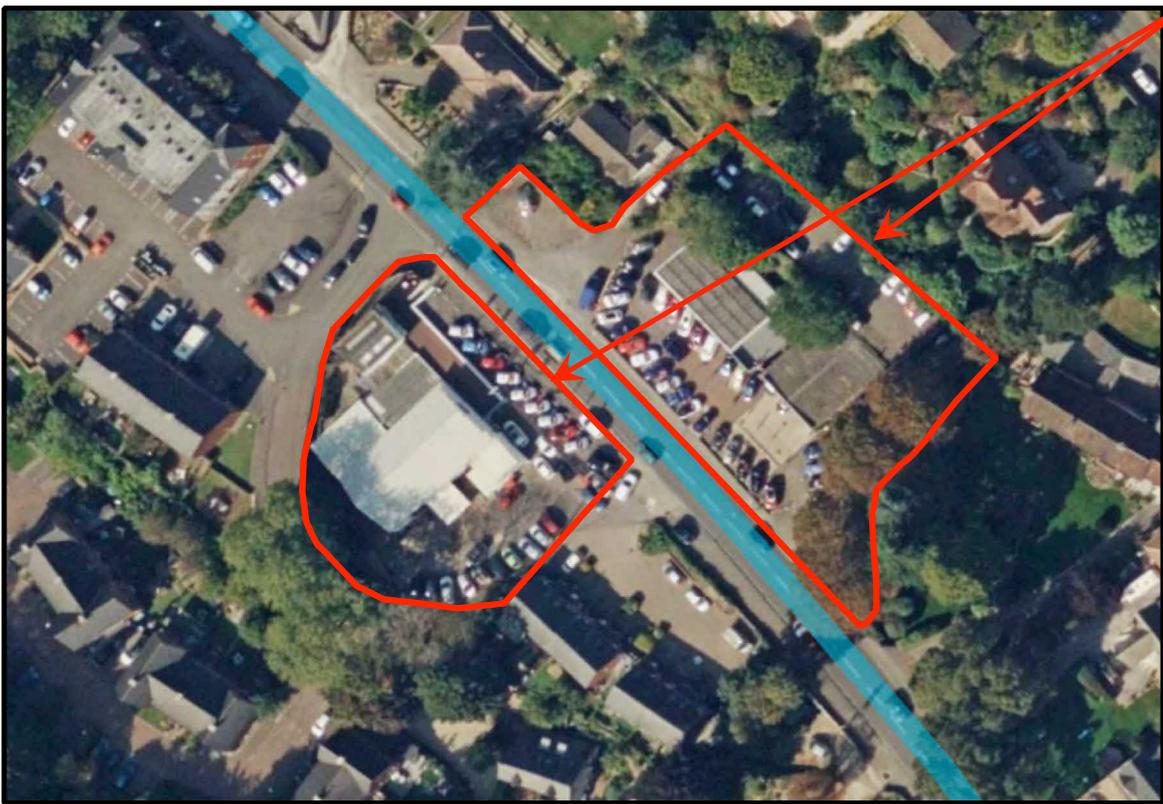


SITE LOCATION (based on Microsoft Bing Mapping)

| | | | | | | | |
|---------|------|-------------|--------|--------|-----|-------|----------|
| Job No. | 5125 | Drawing No. | 5125/1 | Scale: | NTS | Date: | 30-03-23 |
|---------|------|-------------|--------|--------|-----|-------|----------|

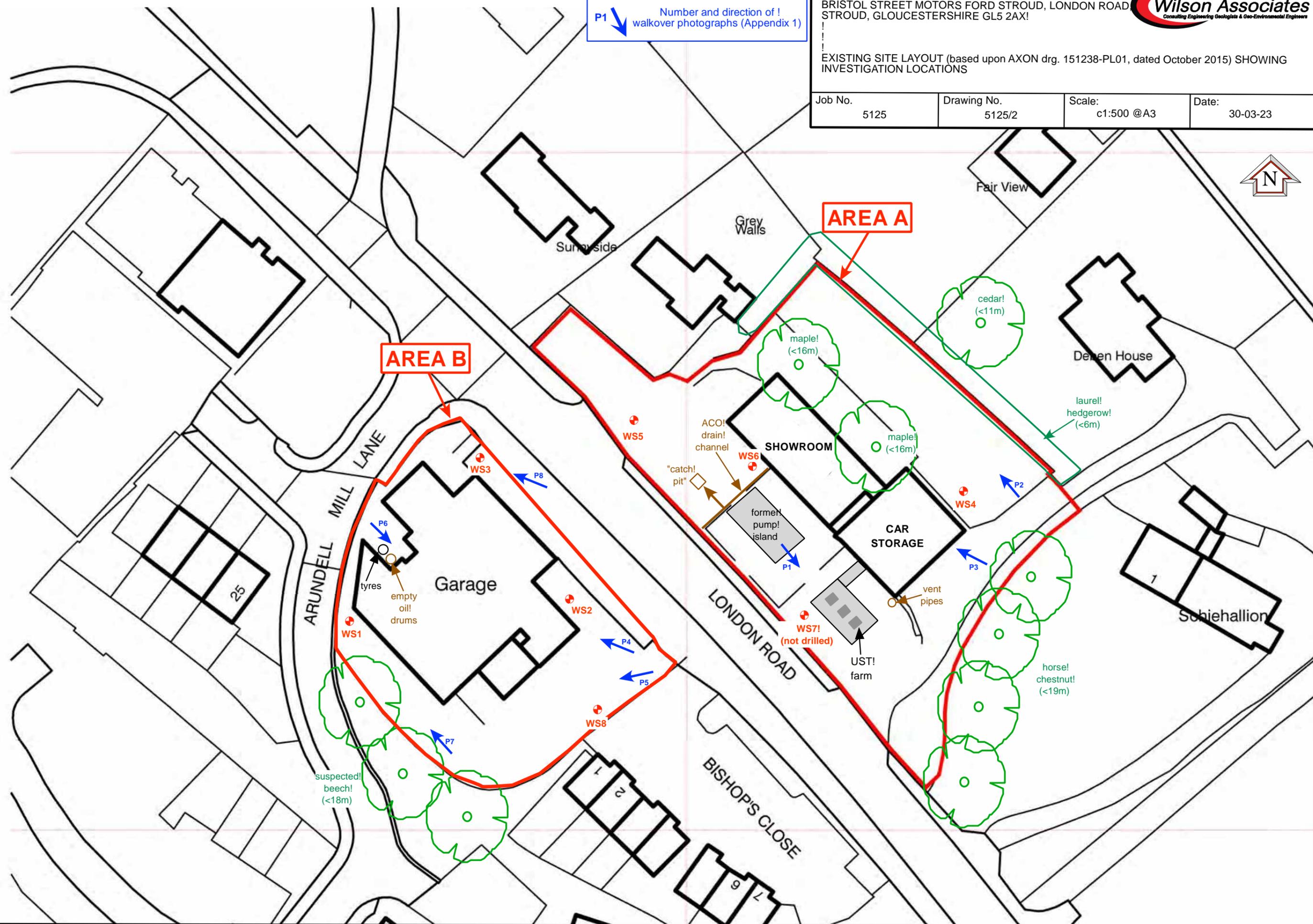


THE!
SITE



| | | | |
|---------|-------------|------------|----------|
| Job No. | Drawing No. | Scale: | Date: |
| 5125 | 5125/2 | c1:500 @A3 | 30-03-23 |

P1 ↓ Number and direction of ! walkover photographs (Appendix 1)

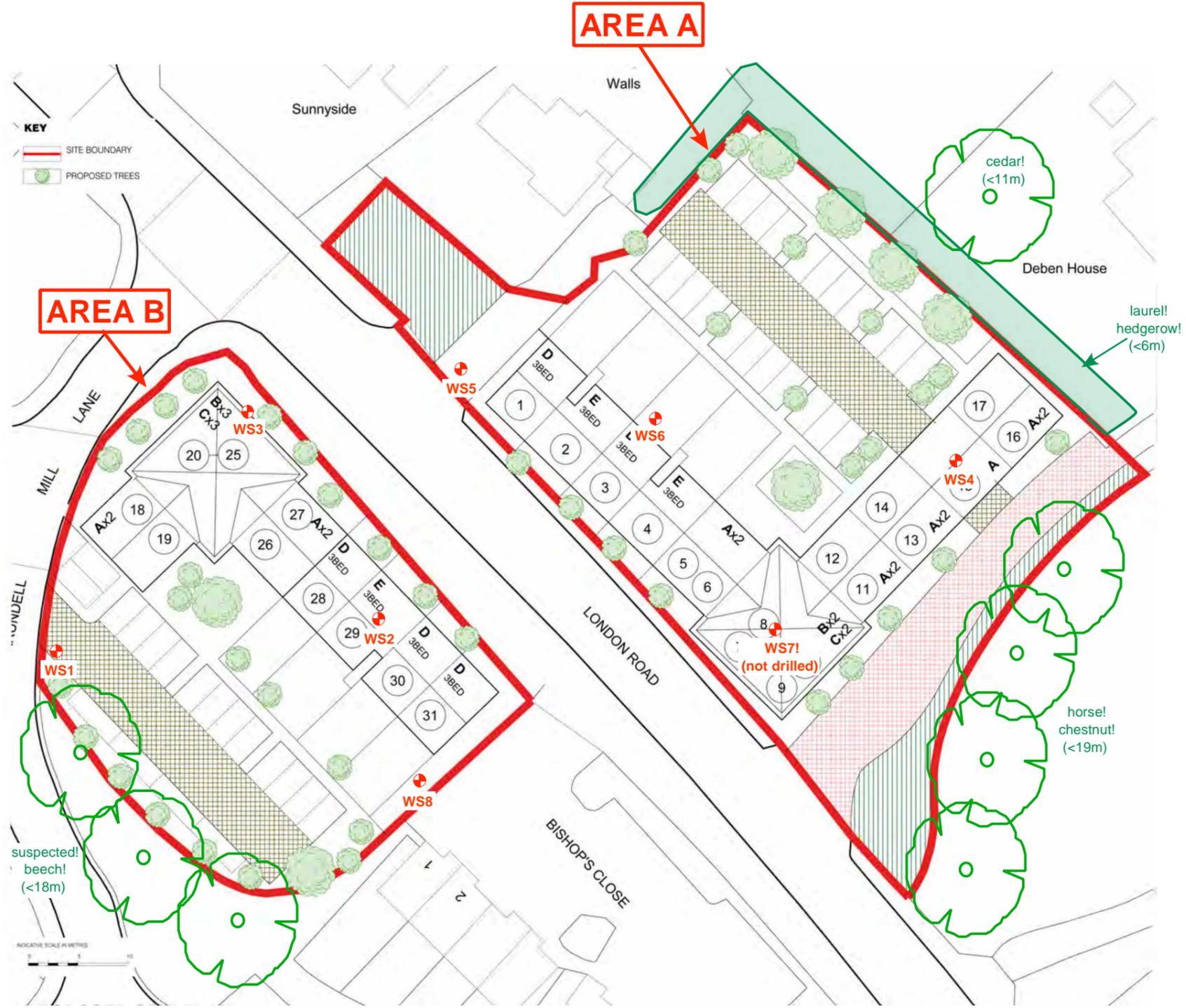


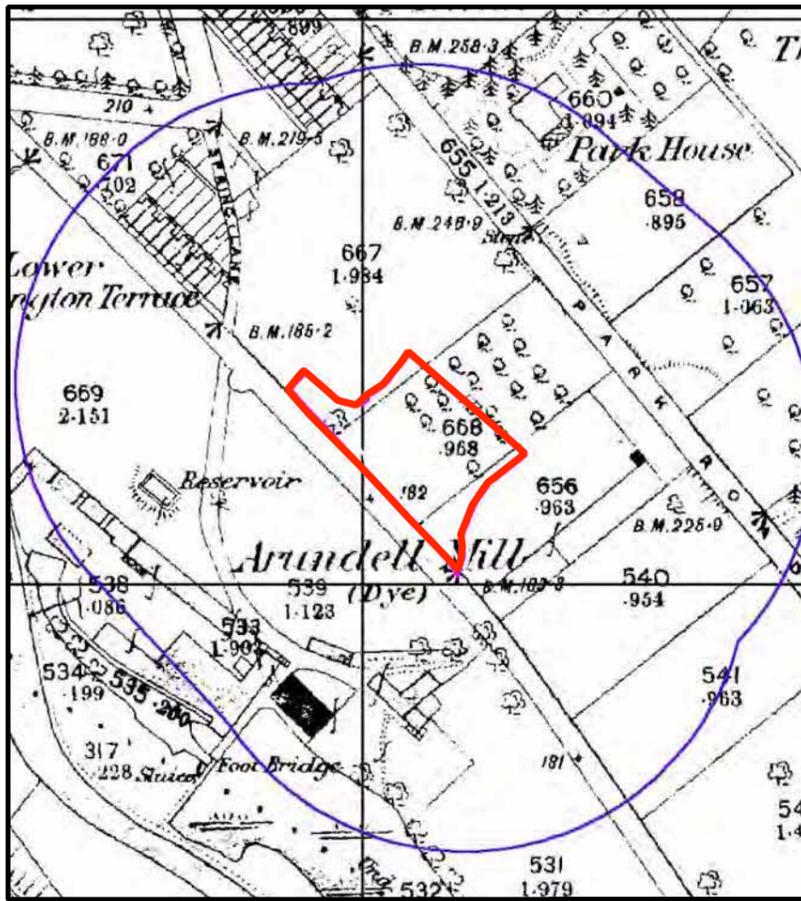
BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD
STROUD, GLOUCESTERSHIRE GL5 2AX



PROPOSED DEVELOPMENT LAYOUT (based upon Umaa drg. 01266-02-SK02, dated October 2022) SHOWING INVESTIGATION LOCATIONS

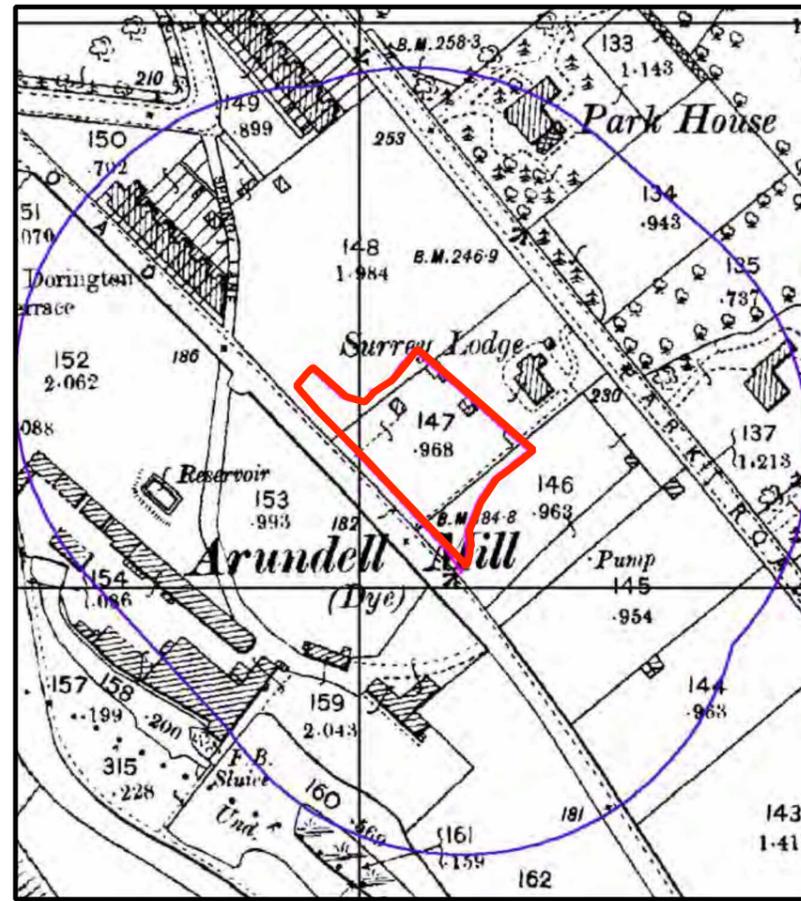
| | | | |
|-----------------|-----------------------|----------------------|-------------------|
| Job No. 5125 | Drawing No. 5125/3 | Scale: c1:500 @A3 | Date: 30-03-23 |
|-----------------|-----------------------|----------------------|-------------------|





1885!

(scale 1:2500)



1902!

(scale 1:2500)



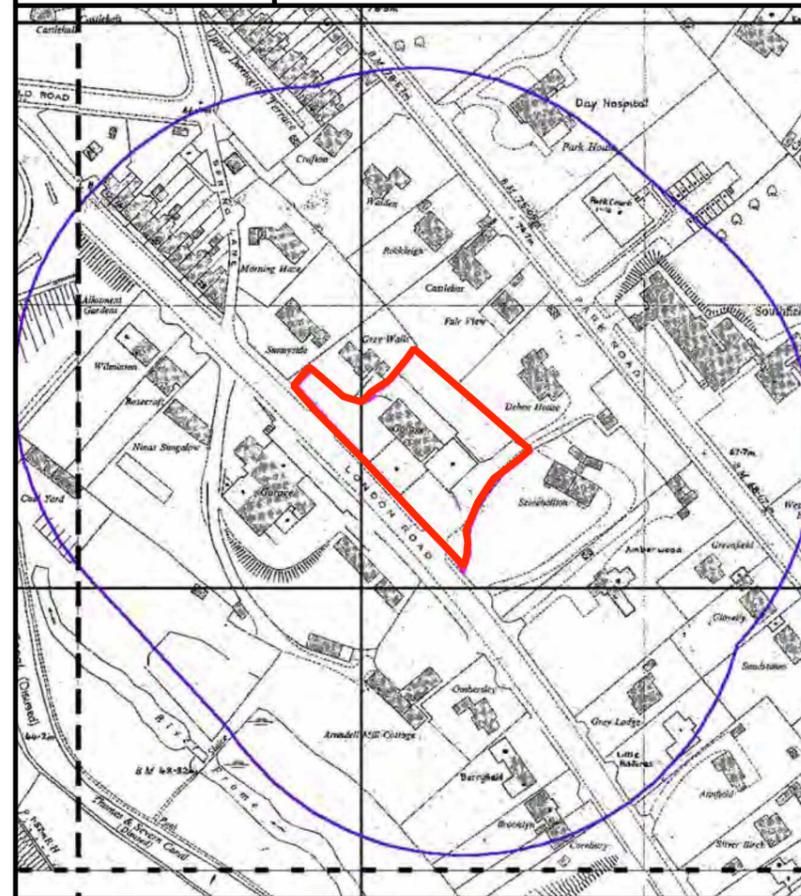
1936!

(scale 1:2500)

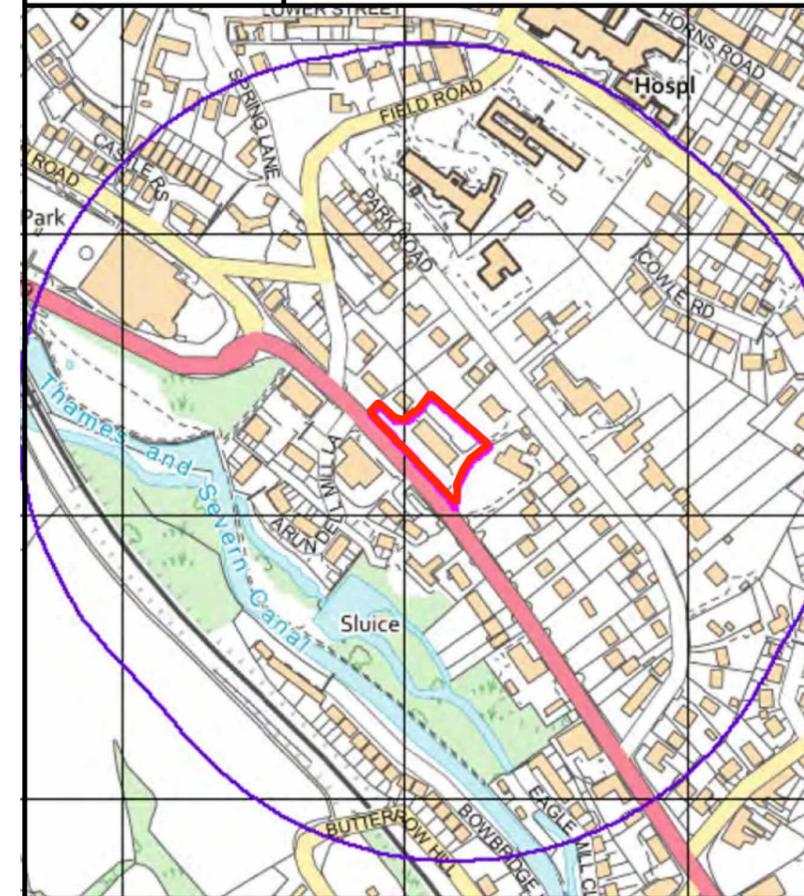
1969!
(scale 1:2500)



1982-88!
(scale 1:2500)



2023!
(scale 1:5000)



BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOUCESTERSHIRE GL5 2AX

EXTRACTS OF ORDNANCE SURVEY PLANS TO SHOW SITE HISTORY

| | | | |
|--------------|--------------------|-----------------|----------------|
| Job No. 5125 | Drawing No. 5125/4 | Scale: as shown | Date: 12-06-23 |
|--------------|--------------------|-----------------|----------------|



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APPENDIX 1

SITE PHOTOGRAPHS



Photograph P1



Photograph P2



Photograph P3



Photograph P4



Photograph P5



Photograph P6



Photograph P7



Photograph P8

APPENDIX 2

BOREHOLE LOGS (WITH PHOTOGRAPHS)
(Borehole 7 not drilled)

KEY TO BOREHOLE LOG SYMBOLS

Symbol Explanation

| | |
|--------|--|
| D or J | Small Disturbed Sample (tub or jar sample) |
| B | Large Disturbed Sample |
| U | Undisturbed Sample |
| W | Water Sample |
| U70 | Undisturbed Sample |

Undrained Shear Strength Test (HSV)

| | |
|----|---|
| 90 | Hand vane - direct reading in kN/m ² |
|----|---|

Standard Penetration Test (SPT)

| | |
|--------|---|
| 15 | SPT 'N' Value (BS EN ISO 22476-3:2005) |
| 125/50 | Where full test drive not completed, penetration (125mm) and blow count (50) recorded |
| NR | No effective penetration |

Water

Water struck



Water standing

Test/Core Range

| | |
|-----|---|
| TCR | Total Core Recovery - as percentage of core run. Where value significantly exceeds 100%, a note is given on remarks on log |
| SCR | Solid Core Recovery - as percentage of core run. Note: assessment of solid core is based on full diameter |
| RQD | Rock Quality Designation - the amount of solid core greater than 100mm expressed as percentage of core run Where SPT has been carried out at beginning of core run, disturbed section of core excluded from SCR and RQD assessment |

Instrumentation

Bentonite Seal



Solid / Perforated Standpipe



Granular Response Zone

BOREHOLE LOG

| | | | | | |
|---|-------------------------|--|---|--------------------------------------|--|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOUCESTERSHIRE GL5 2AX | | | | BOREHOLE No WS1 | |
| Job No 5125 | Date 28-03-23 | Ground Level (c.m,AOD) 53.00 | Co-Ordinates (c.) E 385,553 N 204,629 | | |
| Contractor Cook Ground Investigation Limited | | | | Sheet 1 of 1 | |

| SAMPLES & TESTS | | | STRATA | | | | | Geology | Instrument/ Backfill |
|-----------------|---------|-------------|---|--------------------------|--------|-------------------|--|---------|-------------------------|
| Depth | Type No | Test Result | Water | Undrained Shear Strength | Legend | Depth (Thickness) | DESCRIPTION | | |
| | | | | | | 0.15 | MADE GROUND: black TARMACADAM | | |
| 0.50-0.70 | B | |  | | | 0.50 | MADE GROUND: loose, yellowish-brown, sandy, silty, angular to subrounded, fine to coarse GRAVEL of concrete, brick, ash deposit, limestone | | |
| 0.50 | D | | | | | (0.70) | MADE GROUND: soft dark brown, sandy, very gravelly, plastic CLAY (gravel is angular to subangular, fine to coarse, brick, ash deposit, sandstone, ceramic, limestone) | | |
| 1.00-1.45 | CPT | | | | | 1.20 | CLAY: firm to stiff, light greyish-brown, slightly sandy, silty plastic CLAY | | |
| 1.00 | D | | | | | | 1.70 - 1.80 - 1No. large subrounded gravel of mudstone | BdS | |
| 1.45 | D | N12 | | | | | | | |
| 1.50 | H | | | | | | | | |
| 1.50 | H | | | | | | | | |
| 1.70 | H | | | | | | | | |
| 2.00-2.45 | CPT | | | | | | (1.80) | | |
| 2.30 | D | | | | | | 3.00 | | |
| 2.45 | D | N19 | | | | | | | |
| 2.50 | H | | | | | | | | |
| 2.60 | H | | | | | | | | |
| 3.00-3.45 | CPT | | | | | | | | |
| 3.45 | | N30 | | | | | 0.0 - 1.0m hand dug starter pit Groundwater encountered at 1.07m depth Borehole terminated at 3.0m depth Gas monitoring standpipe installed to 2.7m depth; gas valve and lockable cover fitted at surface | | |

| Boring Progress and Water Observations | | | | | | Chiselling | | | Water Added | | GENERAL REMARKS |
|--|--------------|-------|--------------|----------------|-----------|------------|----|-------|-------------|----|---|
| Date | Hole Dia. mm | Depth | Casing Depth | Casing Dia. mm | Water Dpt | From | To | Hours | From | To | |
| | | | | | | | | | | | Borehole position scanned using Cable Avoidance Tool (CAT); no services detected BdS = Bridport Sand Formation |
| | | | | | | | | | | | |

| | | | |
|--|--|---|-----------------|
| All dimensions in metres Scale 1:50 | Client Piper Homes & Vertu Motors Plc | Method/ Plant Used Archway Dart/Window Sampling | Logged By TB |
|--|--|---|-----------------|

| | |
|--|-----------------------------------|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOS GL5 2AX | Borehole No. WS1 |
| Job No. 5125 | |



Hand-dug starter pit



Starter pit arisings (0.0 – 1.0m)



Borehole Core (1.0 – 3.0m)

| | | |
|---|--|------------------------|
| Client Piper Homes & Vertu Motors Plc | Method/Plant Used Archway Dart / Window Sampling | Logged By TB |
|---|--|------------------------|

BOREHOLE LOG

| | | | | | |
|--|------------------|---------------------------------|--|--------------------------------------|--|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOUCESTERSHIRE GL5 2AX | | | | BOREHOLE No WS2 | |
| Job No 5125 | Date 28-03-23 | Ground Level (c.m,AOD) 55.00 | Co-Ordinates (c.) E 385,583 N 204,635 | | |
| Contractor Cook Ground Investigation Limited | | | | Sheet 1 of 1 | |

| SAMPLES & TESTS | | | STRATA | | | | Geology | Instrument/ Backfill |
|-----------------|---------|-------------|---|---|---|-------------------|--|-------------------------|
| Depth | Type No | Test Result | Water | Undrained Shear Strength | Legend | Depth (Thickness) | | |
| 0.15 | D | |  | |  | 0.05 | MADE GROUND: black TARMACADAM | BdS |
| 0.20 | | | | |  | 0.20 | MADE GROUND: loose, brown and black, clayey, sandy, angular to subrounded, fine to coarse GRAVEL of tarmac, concrete, brick, limestone | |
| 0.50 | D | | | |  | (0.60) | CLAY: soft, dark greyish-brown, silty plastic CLAY | BdS |
| 0.55 | D | | | |  | 0.80 | CLAY: firm to stiff, light greyish-brown, silty plastic CLAY | |
| 1.00-1.45 | CPT | | | |  | | | |
| 1.00 | D | | | |  | | | |
| 1.45 | | N12 | | |  | | | |
| 1.50 | H | | | |  | 30 | | |
| 1.60 | H | | | |  | 35 | | |
| 1.70 | H | | | |  | 40 | (2.20) | |
| 2.00-2.45 | CPT | | |  | | | | |
| 2.40 | H | | |  | | | | |
| 2.45 | | N20 | |  | 50 | | | |
| 2.50 | H | | |  | 65 | | | |
| 3.00-3.45 | CPT | | |  | | 3.00 | | |
| 3.45 | | N31 | | | | | 0.0 - 1.0m hand dug starter pit | |
| | | | | | | | Groundwater encountered at 0.5m depth | |
| | | | | | | | Borehole terminated at 3.0m depth, backfilled with arisings and surface reinstated | |

| Boring Progress and Water Observations | | | | | | Chiselling | | | Water Added | | GENERAL REMARKS |
|--|--------------|-------|--------------|----------------|-----------|------------|----|-------|-------------|----|---|
| Date | Hole Dia. mm | Depth | Casing Depth | Casing Dia. mm | Water Dpt | From | To | Hours | From | To | |
| | | | | | | | | | | | Borehole position scanned using Cable Avoidance Tool (CAT); no services detected BdS = Bridport Sand Formation |
| | | | | | | | | | | | |

| | | | |
|--|--|---|-----------------|
| All dimensions in metres Scale 1:50 | Client Piper Homes & Vertu Motors Plc | Method/ Plant Used Archway Dart/Window Sampling | Logged By TB |
|--|--|---|-----------------|

| | |
|--|-----------------------------------|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOS GL5 2AX | Borehole No. WS2 |
| Job No. 5125 | |



Hand-dug starter pit



Starter pit arisings (0.0 – 1.0m)



Borehole Core (1.0 – 3.0m)

| | | |
|---|--|------------------------|
| Client Piper Homes & Vertu Motors Plc | Method/Plant Used Archway Dart / Window Sampling | Logged By TB |
|---|--|------------------------|

BOREHOLE LOG

| | | | | | |
|--|------------------|----------------------------------|--|--------------------------------------|--|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOUCESTERSHIRE GL5 2AX | | | | BOREHOLE No WS3 | |
| Job No 5125 | Date 28-03-23 | Ground Level (c.m.,AOD) 57.00 | Co-Ordinates (c.) E 385,570 N 204,656 | | |
| Contractor Cook Ground Investigation Limited | | | | Sheet 1 of 1 | |

| SAMPLES & TESTS | | | STRATA | | | | Geology | Instrument/ Backfill | |
|---|---------|-------------|--------|--------------------------|-----------------------|-------------------|---|-------------------------|-------------|
| Depth | Type No | Test Result | Water | Undrained Shear Strength | Legend | Depth (Thickness) | | | DESCRIPTION |
| | | | | | [Cross-hatch pattern] | 0.06 | MADE GROUND: black TARMACADAM | | |
| | | | | | | 0.15 | MADE GROUND: grey CONCRETE | | |
| | | | | | | (0.55) | MADE GROUND: loose, yellowish-brown, sandy, angular to subrounded, fine to coarse GRAVEL of limestone and concrete 0.57 - 0.70 - cobbles of intact concrete blocks 0.65 - rebar beam across pit | | |
| | | | | | | 0.70 | | | |
| 0.0 - 0.7m hand dug starter pit No Groundwater encountered Pit terminated at 0.7m depth as unable to excavate deeper; backfilled with arisings | | | | | | | | | |

| Boring Progress and Water Observations | | | | | | Chiselling | | | Water Added | | GENERAL REMARKS Borehole position scanned using Cable Avoidance Tool (CAT); no services detected BdS = Bridport Sand Formation |
|--|--------------|-------|--------------|----------------|-----------|------------|----|-------|-------------|----|---|
| Date | Hole Dia. mm | Depth | Casing Depth | Casing Dia. mm | Water Dpt | From | To | Hours | From | To | |
| 28/03/2023 | | | | | DRY | | | | | | |

| | | | |
|--|--|---|-----------------|
| All dimensions in metres Scale 1:50 | Client Piper Homes & Vertu Motors Plc | Method/ Plant Used Archway Dart/Window Sampling | Logged By TB |
|--|--|---|-----------------|

| | | |
|--|-----------------------|-----------------------------------|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOS GL5 2AX | | Borehole No. WS3 |
| Job No. 5125 | Date: 28-03-23 | |



Hand-dug starter pit



Starter pit arisings (0.0 – 0.7m)



Location

| | | |
|---|--|------------------------|
| Client Piper Homes & Vertu Motors Plc | Method/Plant Used Archway Dart / Window Sampling | Logged By TB |
|---|--|------------------------|

BOREHOLE LOG

| | | | | | |
|--|------------------|---------------------------------|--|---------------------------|--|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOUCESTERSHIRE GL5 2AX | | | | BOREHOLE No WS4 | |
| Job No 5125 | Date 28-03-23 | Ground Level (c.m,AOD) 62.00 | Co-Ordinates (c.) E 385,639 N 204,654 | | |
| Contractor Cook Ground Investigation Limited | | | | Sheet 1 of 1 | |

| SAMPLES & TESTS | | | STRATA | | | | | Geology | Instrument/ Backfill |
|-----------------|---------|-------------|--------|--------------------------|-----------------------|-------------------|--|---------|-------------------------|
| Depth | Type No | Test Result | Water | Undrained Shear Strength | Legend | Depth (Thickness) | DESCRIPTION | | |
| 0.07 | | | | | [Cross-hatch pattern] | 0.07 | MADE GROUND: black TARMACADAM | | |
| 0.30 | D | | | | [Cross-hatch pattern] | (0.38) | MADE GROUND: loose, light reddish-brown and greyish-brown GRAVEL of slightly silty, slightly sandy, angular to subrounded, fine to coarse brick, ceramic, sandstone, limestone, concrete | | |
| 0.50-0.90 | B | | | | [Cross-hatch pattern] | 0.45 | | | |
| 0.60 | D | | | | [Cross-hatch pattern] | (0.45) | MADE GROUND: soft dark grey, slightly sandy, very silty plastic CLAY, with rare rootlets <3mm) | | |
| 1.00-1.45 | CPT | | | | [Cross-hatch pattern] | 0.90 | | | |
| 1.45 | | N7 | | | [X pattern] | | CLAY: soft to firm, brown, silty plastic CLAY | | |
| 1.70 | H | | | | [X pattern] | | | | |
| 1.80 | H | | | | [X pattern] | | 2.00 - 3.50 - becomes silty | | |
| 2.00-2.45 | CPT | | | | [X pattern] | | | | |
| 2.00 | D | | | | [X pattern] | | (3.10) | | BdS |
| 2.45 | | N8 | | | [X pattern] | | | | |
| 2.90 | H | | | | [X pattern] | | 3.50 - becomes stiff | | |
| 3.00-3.45 | CPT | | | | [X pattern] | | | | |
| 3.00 | D | | | | [X pattern] | | 3.70 - 4.00 - becomes silty | | |
| 3.45 | | N16 | | | [X pattern] | | | | |
| 3.50 | H | | | | [X pattern] | | 4.00 | | |
| 3.90 | H | | | | [X pattern] | | | | |
| 4.00-4.45 | CPT | | | | [X pattern] | | 0.0 - 1.0m hand dug starter pit | | |
| 4.00 | D | | | | [X pattern] | | | | |
| 4.45 | | N30 | | | [X pattern] | | No groundwater encountered | | |
| | | | | | [X pattern] | | Borehole terminated at 4.0m depth; backfilled with arisings, and surface reinstated | | |

| Boring Progress and Water Observations | | | | | | Chiselling | | | Water Added | | GENERAL REMARKS |
|--|--------------|-------|--------------|----------------|-----------|------------|----|-------|-------------|----|-----------------|
| Date | Hole Dia. mm | Depth | Casing Depth | Casing Dia. mm | Water Dpt | From | To | Hours | From | To | |
| 28/03/2023 | | | | | DRY | | | | | | |

| | | | |
|--|--|---|-----------------|
| All dimensions in metres Scale 1:50 | Client Piper Homes & Vertu Motors Plc | Method/ Plant Used Archway Dart/Window Sampling | Logged By TB |
|--|--|---|-----------------|

| | | |
|--|-----------------------|-----------------------------------|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOS GL5 2AX | | Borehole No. WS4 |
| Job No. 5125 | Date: 28-03-23 | |



Hand-dug starter pit



Starter pit arisings (0.0 – 1.0m)



Borehole Core (1.0 – 4.0m)

| | | |
|---|--|------------------------|
| Client Piper Homes & Vertu Motors Plc | Method/Plant Used Archway Dart / Window Sampling | Logged By TB |
|---|--|------------------------|

BOREHOLE LOG

| | | | | | |
|--|------------------|---------------------------------|--|--------------------------------------|--|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOUCESTERSHIRE GL5 2AX | | | | BOREHOLE No WS5 | |
| Job No 5125 | Date 28-03-23 | Ground Level (c.m,AOD) 57.00 | Co-Ordinates (c.) E 385,595 N 204,656 | | |
| Contractor Cook Ground Investigation Limited | | | | Sheet 1 of 1 | |

| SAMPLES & TESTS | | | STRATA | | | | | Geology | Instrument/ Backfill |
|--------------------------------------|-----------------------|----------------|--------|--------------------------|-----------------------|------------------------|--|---------|-------------------------|
| Depth | Type No | Test Result | Water | Undrained Shear Strength | Legend | Depth (Thickness) | DESCRIPTION | | |
| 0.40 | D | | ↓ | | [Cross-hatch pattern] | 0.05 (0.65) 0.70 | MADE GROUND: black TARMACADAM MADE GROUND: loose, grey, slightly silty, slightly sandy, angular to subangular, fine to coarse GRAVEL of limestone, brick, tarmac and siliceous material | | |
| 0.75 0.90 1.00-1.45 | D D CPT | N20 | | | [Cross-hatch pattern] | (1.10) | MADE GROUND: firm reddish-brown mottled light grey, slightly sandy, silty plastic CLAY | | |
| 1.45 1.50 1.60 1.70 1.90 | D H H D D | | | | [Cross-hatch pattern] | 1.80 2.00 | 1.50 - 1.65 - dark grey stain, faint petroleum odour CLAY: stiff, light grey, silty friable CLAY | BdS | |
| 2.00-2.43 2.00 2.40 2.43 | CPT H H | N60/ 275 mm | | | [Cross-hatch pattern] | | 0.0 - 1.0m hand dug starter pit Groundwater encountered at 0.53m depth Borehole terminated at 2.0m depth Gas monitoring standpipe installed to 1.4m depth; gas valve and lockable cover fitted at surface | | |

| Boring Progress and Water Observations | | | | | Chiselling | | | Water Added | | GENERAL REMARKS Borehole position scanned using Cable Avoidance Tool (CAT); no services detected BdS = Bridport Sand Formation |
|--|--------------|-------|--------------|----------------|------------|------|----|-------------|------|---|
| Date | Hole Dia. mm | Depth | Casing Depth | Casing Dia. mm | Water Dpt | From | To | Hours | From | |
| | | | | | | | | | | |

| | | | |
|--|--|---|-----------------|
| All dimensions in metres Scale 1:50 | Client Piper Homes & Vertu Motors Plc | Method/ Plant Used Archway Dart/Window Sampling | Logged By TB |
|--|--|---|-----------------|

| | |
|--|-----------------------------------|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOS GL5 2AX | Borehole No. WS5 |
| Job No. 5125 | |



Reinstated position with lockable cover



Starter pit arisings (0.0 – 1.0m)



Borehole Core (1.0 – 2.0m)

| | | |
|---|--|------------------------|
| Client Piper Homes & Vertu Motors Plc | Method/Plant Used Archway Dart / Window Sampling | Logged By TB |
|---|--|------------------------|

BOREHOLE LOG

| | | | | | |
|---|-------------------------|--|---|--------------------------------------|--|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOUCESTERSHIRE GL5 2AX | | | | BOREHOLE No WS6 | |
| Job No 5125 | Date 28-03-23 | Ground Level (c.m,AOD) 58.00 | Co-Ordinates (c.) E 385,610 N 204,653 | | |
| Contractor Cook Ground Investigation Limited | | | | Sheet 1 of 1 | |

| SAMPLES & TESTS | | | STRATA | | | | | Geology | Instrument/ Backfill |
|-----------------|---------|----------------|---|--------------------------|--|----------------------|---|---|-------------------------|
| Depth | Type No | Test Result | Water | Undrained Shear Strength | Legend | Depth (Thickness) | DESCRIPTION | | |
| 0.20 | D | |  | |  | 0.05 0.15 0.50 | MADE GROUND: black TARMACADAM MADE GROUND: loose, black and dark brownish-grey, silty, slightly sandy, angular to subangular, fine to coarse GRAVEL of limestone, tarmac |  | |
| 0.50 | D | | | |  | | MADE GROUND: loose, light greyish-brown, slightly silty, sandy, subangular to rounded, fine to coarse GRAVEL of limestone, sandstone, brick | | |
| 0.80 | D | | | |  | | CLAY: firm, light greyish-brown, slightly sandy, silty plastic CLAY | | |
| 1.00-1.45 | CPT | | | |  | (1.50) | 1.50 - 2.00 - slightly gravelly, angular to subangular, medium to coarse limestone | | |
| 1.00 | D | N20 | | |  | | | | |
| 1.45 | | | | |  | | | | |
| 2.00-2.43 | CPT | | | |  | 2.00 | 0.0 - 1.0m hand dug starter pit | | |
| 2.00 | D | | | | | | Groundwater encountered at 1.1m depth | | |
| 2.43 | | N50/ 275 mm | | | | | Borehole terminated on refusal at 2.0m depth; backfilled with arisings and surface reinstated | | |

| Boring Progress and Water Observations | | | | | | Chiselling | | | Water Added | | GENERAL REMARKS |
|--|--------------|-------|--------------|----------------|-----------|------------|----|-------|-------------|----|---|
| Date | Hole Dia. mm | Depth | Casing Depth | Casing Dia. mm | Water Dpt | From | To | Hours | From | To | |
| | | | | | | | | | | | Borehole position scanned using Cable Avoidance Tool (CAT); no services detected BdS = Bridport Sand Formation |
| | | | | | | | | | | | |

| | | | |
|--|--|---|-----------------|
| All dimensions in metres Scale 1:50 | Client Piper Homes & Vertu Motors Plc | Method/ Plant Used Archway Dart/Window Sampling | Logged By TB |
|--|--|---|-----------------|

BOREHOLE LOG

| | | | | | |
|--|------------------|---------------------------------|--|--------------------------------------|--|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOUCESTERSHIRE GL5 2AX | | | | BOREHOLE No WS8 | |
| Job No 5125 | Date 28-03-23 | Ground Level (c.m,AOD) 55.00 | Co-Ordinates (c.) E 385,591 N 204,621 | | |
| Contractor Cook Ground Investigation Limited | | | | Sheet 1 of 1 | |

| SAMPLES & TESTS | | | STRATA | | | | | Geology | Instrument/ Backfill |
|-----------------|---------|-------------|--------|--------------------------|-----------------------|-------------------|---|---------|-------------------------|
| Depth | Type No | Test Result | Water | Undrained Shear Strength | Legend | Depth (Thickness) | DESCRIPTION | | |
| | | | | | [Cross-hatch pattern] | 0.07 | MADE GROUND: black TARMAACADAM | | |
| | | | | | [Cross-hatch pattern] | 0.25 | MADE GROUND: loose, yellowish-brown, sandy, silty, angular to subrounded, fine to coarse GRAVEL of concrete, limestone | | |
| | | | | | [Cross-hatch pattern] | 0.55 | MADE GROUND: soft, dark brown, slightly sandy, gravelly, silty plastic CLAY (gravel is angular to subangular, fine to coarse brick, ash deposit, limestone, concrete) | | |
| | | | | | | (0.42) | | | |
| | | | | | | 0.97 | Large void encountered after probing pit with bar | | |
| | | | | | | | 0.0 - 1.0m hand dug starter pit | | |
| | | | | | | | No groundwater encountered | | |
| | | | | | | | Borehole terminated at 0.97m depth - due to encountering possible service; backfilled with arisings and surface reinstated | | |

| Boring Progress and Water Observations | | | | | | Chiselling | | | Water Added | | GENERAL REMARKS Borehole position scanned using Cable Avoidance Tool (CAT); no services detected BdS = Bridport Sand Formation |
|--|--------------|-------|--------------|----------------|-----------|------------|----|-------|-------------|----|---|
| Date | Hole Dia. mm | Depth | Casing Depth | Casing Dia. mm | Water Dpt | From | To | Hours | From | To | |
| 28/03/2023 | | | | | DRY | | | | | | |

| | | | |
|--|--|---|-----------------|
| All dimensions in metres Scale 1:50 | Client Piper Homes & Vertu Motors Plc | Method/ Plant Used Archway Dart/Window Sampling | Logged By TB |
|--|--|---|-----------------|

| | | |
|--|-----------------------|-----------------------------------|
| Project BRISTOL STREET MOTORS FORD STROUD, LONDON ROAD, STROUD, GLOS GL5 2AX | | Borehole No. WS8 |
| Job No. 5125 | Date: 28-03-23 | |



Borehole position



Hand-dug starter pit



Starter pit arisings (0.0 – 0.97m)

| | | |
|---|--|------------------------|
| Client Piper Homes & Vertu Motors Plc | Method/Plant Used Archway Dart / Window Sampling | Logged By TB |
|---|--|------------------------|

SPT Calibration Report

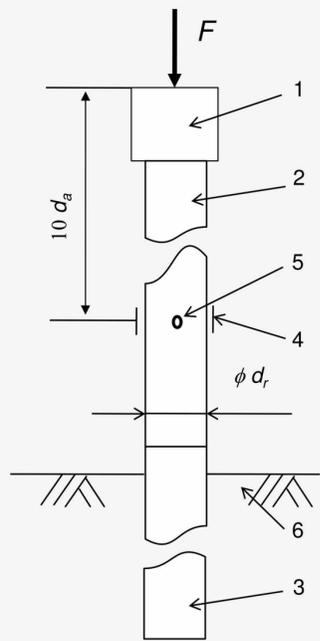
Hammer Energy Measurement Report

Type of Hammer Dart
Test No EQU2022_219
Client Cook GI

Test Depth (m) 9.80
Mass of hammer $m = 63.5\text{kg}$
Falling height $h = 0.76\text{m}$
 $E_{theor} = m \times g \times h = 473\text{J}$

Characteristics of the instrumented rod

Diameter $d_r = 0.052\text{ m}$
Length of instrumented rod 0.558 m
Area $A = 11.61\text{ cm}^2$
Modulus $E_a = 206843\text{ MPa}$



Key

- 1 Anvil
- 2 Part of instrumented rod
- 3 Drive Rod
- 4 Strain Gauge
- 5 Accelerometer
- 6 Ground

F Force
 d_r Diameter of rod

Fig. B.1 and B.2
 BS EN ISO 22476-3 : 2005 + A1 : 2011

DATE OF TEST **VALID UNTIL** **HAMMER ID**

| | | |
|------------|------------|----------|
| 18/07/2022 | 18/07/2023 | Dart 497 |
|------------|------------|----------|

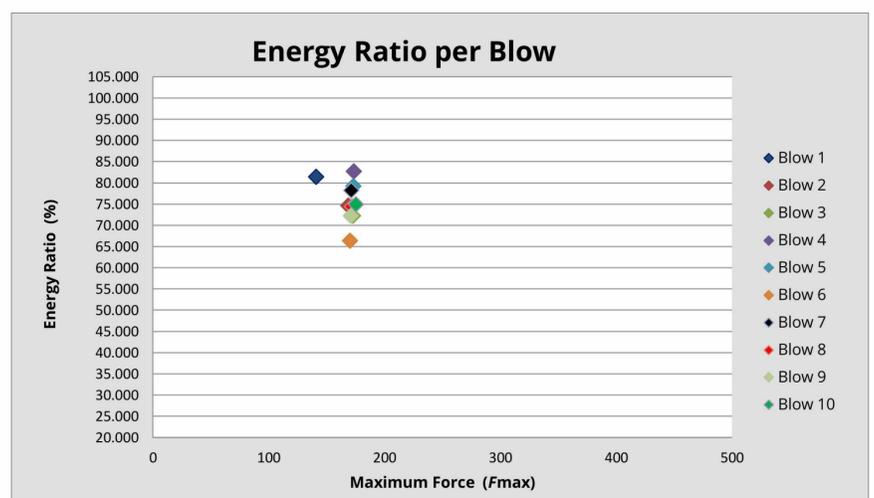
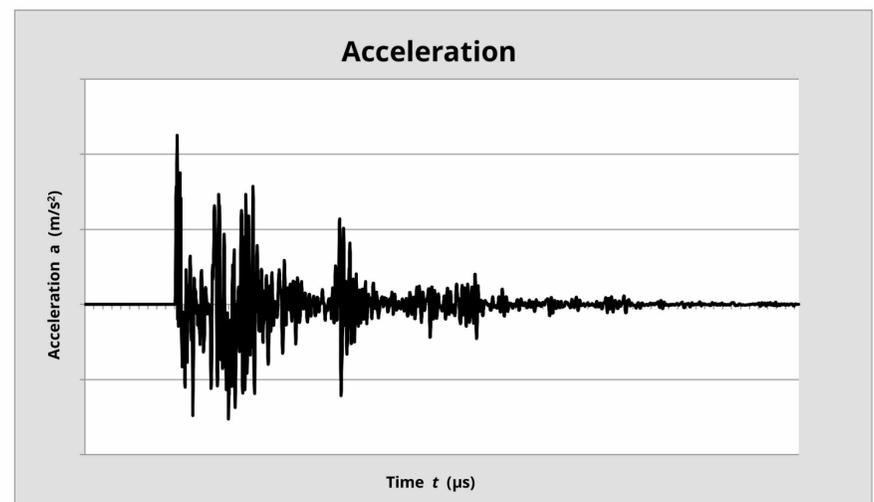
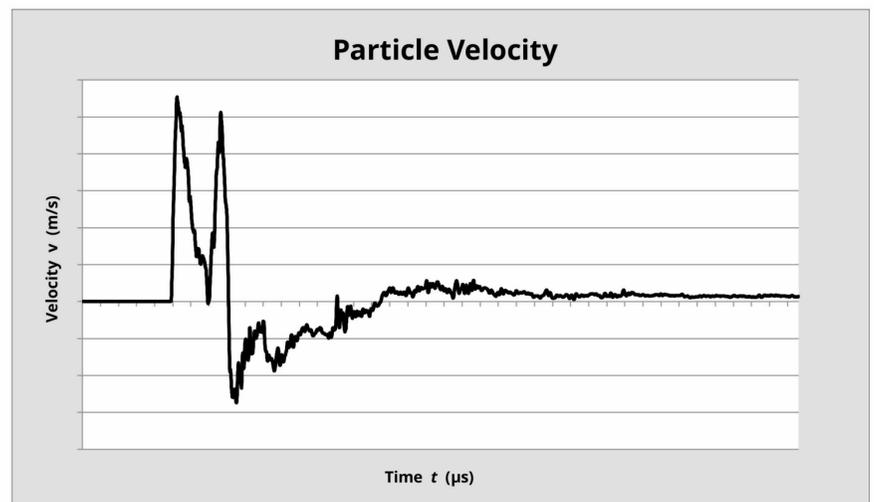
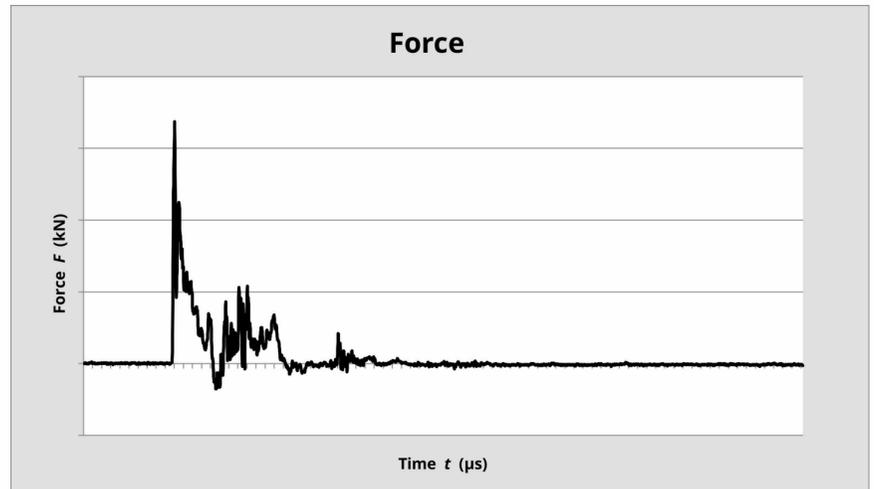
$E_{meas} = 0.358\text{ kN-m}$

$E_{theor} = 0.473\text{ kN-m}$

Comments

Energy Ratio (Er) = $\frac{E_{meas}}{E_{theor}}$

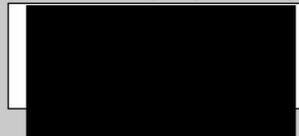
75.73%
© COPYRIGHT 2022



Equipe SPT Analyzer Operator



Certificate prepared by



Certificate checked by



Certificate date

21/07/2022

APPENDIX 3

**CONTAMINATION
STATUTORY FRAMEWORK / METHODOLOGY
AND
CERTIFIED CONTAMINATION TEST RESULTS**

A3 CONTAMINATION RISK ASSESSMENT

Statutory Framework

A3.1 Part 2A of the Environmental Protection Act 1990 (inserted by Section 57 of the Environment Act 1995) provides a regime for the control of specific threats to health or the environment from existing land contamination. In accordance with the Act and the statutory guidance document on the Contaminated Land (England) Regulations 2000, the definition of contaminated land is intended to embody the concept of risk assessment. Within the meaning of the Act, land is only 'contaminated land' where it appears to the regulatory authority to be in such a condition, by reason of substances within or under the land, that:

harm is being caused or has significant possibility of significant harm to be caused to human health, or

pollution is being caused or has significant possibility of significant pollution to be caused to controlled waters.

A3.2 In 2012 revised Statutory Guidance for Part 2A of the Environmental Protection Act (1990) came into force for England and Wales. This introduced a new four category approach for classifying land affected by contamination to assist decisions by regulators in cases of Significant Possibility of Significant Harm (SPOSH) to specified receptors, including humans, and significant pollution of controlled waters.

Category 1 describes land which is clearly problematic e.g. because similar sites are known to have caused a significant problem in the past. The legal definition is where "there is an unacceptably high probability, supported by robust science-based evidence, that significant harm would occur if no action is taken to stop it".

Categories 2 and 3 cover land where detailed consideration is needed before deciding whether it may be contaminated land. Category 2 is defined as land where "there is a strong case for considering that the risks from the land are of sufficient concern that the land poses a significant possibility of significant harm". Category 3 is defined as land where there is not the strong case described in the test for Category 2, and may include "land where the risks are not low, but nonetheless the authority considers that regulatory intervention under Part 2A is not warranted". The decision basis is initially related to human health risks, and if this is not conclusive due to uncertainty over risks, wider socio-economic factors (e.g. cost, local perception etc).

Category 4 describes land that is clearly not contaminated land, where there is no risk or the level or risk posed is low.

A3.3 This same 4 category system has also been introduced to assist in identifying whether there is a significant possibility of significant pollution of controlled waters. Part 2A states that normal levels of contaminants in soil should not be considered to cause land to qualify as contaminated land, unless there is a particular reason to consider otherwise.

A3.4 Once land has been determined as contaminated land, the enforcing authority must consider how it should be remediated and, where appropriate, it must issue a remediation notice to require such remediation. The enforcing authority for the purposes of remediation may be the local authority which determined the land, or the Environment Agency which takes on responsibility once land has been determined if the land is deemed to be a “special site”. The rules on what land is to be regarded as special sites, and various rules on the issuing of remediation notices, are set out in the Contaminated Land (England) Regulations 2006.

A3.5 The UK guidance on the assessment of land contamination has developed as a direct result of the introduction of the above two Acts. The current technical guidance supporting the legislation has been summarised in the document Land Contamination Risk Management (LCRM), originally published in October 2020 by the Environment Agency (EA).

Contamination Assessment Methodology

A3.6 LCRM guidance proposes a three-stage risk based assessment process for identifying if a hazard exists within a site.

Stage 1: Risk assessment

Stage 2: Options appraisal

Stage 3: Remediation and verification

A3.7 Stage 1 is to collect detailed information about the site, firstly to establish the likelihood of a hazard being present, and if a potential hazard is identified, to assess (through the source-pathway-receptor potential pollutant linkage concept) whether it has the

potential to pose an unacceptable risk. That unacceptable risk is subsequently estimated and /or evaluated.

- A3.8** Stage 1 can be achieved through a preliminary desk-based risk assessment and if considered appropriate, by progression to a generic or detailed quantitative risk assessment using appropriate intrusive investigation methods supported by UKAS accredited laboratory testing.
- A3.9** Quantitative assessment of human health risk posed by ground contamination is achieved by comparison of soil concentrations with Tier 1 Suitable for Use Levels (S4UL) as published by LQM/CIEH (2015) or (in the case of the toxic metal Lead only) with a Category Four Screening Level (C4SL) published by DEFRA (2014). The official Soil Guideline Values utilise a soil organic matter content of 6% which is considered to be higher than typical UK soils, however three sets of S4UL's have been developed for organic matter contents of 1%, 2.5% and 6%, thus the most appropriate set is selected based upon proven site conditions.
- A3.10** Contaminant concentrations below the threshold screening values are considered not to warrant further risk assessment. Concentrations of contaminants above these screening values require further consideration of potential pollutant linkages and may indicate potentially unacceptable risks to site users that warrants either further detailed quantitative risk assessment or progression to Stage 2. It should be noted that S4UL/C4SL's are not absolute thresholds and an exceedance does not necessarily indicate that a potential pollutant linkage is automatically established.
- A3.11** In order to assess any risk to controlled waters posed by contaminants within the underlying soils and groundwater, laboratory results are screened against Level 1 Environmental Quality Standard (EQS) values derived from the Water Framework Directive (Standards & Classification) Directions (England & Wales) 2015 and the current UK Drinking Water Supply (Water Quality) Regulations (DWS), dependent upon the most vulnerable receptor. The EQS is usually an upper concentration set for the receiving watercourse and not the discharge itself. The DWS is established for compliance at the point of use or abstraction and not the source area.
- A3.12** Stage 2 follows on from the risk assessment completed in Stage 1 by firstly identifying all feasible remediation options, then through consideration of additional factors including but not limited to; sustainability, limitations, timescales and budgets and regulatory controls, narrow the list of remediation options down to a favoured

remediation/mitigation approach. Note that this approach is not restrictive and may include the adoption of as many remediation options as necessary in order to achieve the remediation objective(s).

A3.13 Stage 3 takes the chosen remediation/mitigation approach from Stage 2 and from which a remediation strategy 'that can be implemented in practice' is developed and agreed with the regulatory authority. Once agreed the approved remediation works can take place as per the strategy, whilst still being mindful of whether the chosen remedial strategy is working as anticipated and also for the presence of unexpected contamination. Subject to findings, the agreed remedial strategy may require adjustment in order to ensure that the remediation objectives(s) can be met.

A3.14 Upon completion of the remedial works a verification plan is produced detailing the works undertaken and demonstrating that the risk has been reduced, that the remediation objective(s) and criteria have been met and that the site no longer presents a risk to human health and/or controlled waters, and therefore can be considered 'suitable for use'.

Waste Classification

A3.15 In terms of controlled off-site disposal to landfill of site arisings, if/where intended, waste classification is carried out in line with European Waste Catalogue (EWC) and Technical Guidance Waste Management 3 (TGWM3, EA Version 1.2, October 2021) using contamination test results obtained for that material. The assessment utilises the 'HazWasteOnline' software to establish a 'Hazardous' (170503*) / 'Non-hazardous' (170504) classification. Where required, the foregoing may be supplemented by Waste Acceptance Criteria (WAC) analysis, in order that the waste can further be designated as 'Hazardous' / 'Stable non-reactive' / 'Inert', for use by the receiving landfill operator. It should be noted that WAC is only required for disposal of wastes at certain classes of landfill; if arisings are not intended for removal to landfill, then WAC testing is not applicable.

SUMMARY OF CONTAMINATION TEST RESULTS

| Sample Ref | SOILS | | | | | | | | | | | | TIER 1: GENERIC ASSESSMENT CRITERIA | | | | | | LEACHATE | | | | | | WD (Groundwater) | WD (Fresh Surface Water) | EACQS | UKDWS | |
|---|-------------------------|-------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------------------------------|--|-------------------|------------------|--------------------------------------|-------------------------------|---------------|-------------------------|-------------|-------------|-------------|-------------|------------------|--------------------------|-----------|-------|--|
| | W01 | W01 | W02 | W02 | W04 | W04 | W05 | W05 | W06 | W06 | W08 | W08 | SLL (Residential with plant uptake) | SLL (Residential without plant uptake) | SLL (Agriculture) | SLL (Commercial) | S401 (Public Open Space Residential) | S401 (Public Open Space Park) | W01 | W02 | W05 | W05 | W06 | W06 | | | | | |
| Sample Depth (m) | 0.50 | 1.00 | 0.55 | 0.55 | 0.30 | 0.60 | 0.40 | 0.75 | 1.50 | 0.20 | 0.50 | 1.00 | | | | | | | 0.50 | 0.55 | 0.40 | 1.50 | 0.20 | 0.50 | | | | | |
| Sample of | Made Ground | Made Ground | Made Ground | Brickpit Sand Formation | Made Ground | Brickpit Sand Formation | | | | | | | Made Ground | Brickpit Sand Formation | Made Ground | Made Ground | Made Ground | Made Ground | | | | | |
| DETERMINAND (mg/kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOXIC METALS | Arsenic | 14 | 21 | 36 | 56 | 22 | 69 | 5.2 | 18 | 25 | 4.1 | 4.9 | 8.6 | 37 | 40 | 43 | 640 | 70 | 170 | 2.7 | 1.6 | | | 8.3 | 75 | 37.5 | 99 | 18 | |
| | Cadmium | 1 | 1.1 | < 0.2 | < 0.2 | < 0.2 | 3.6 | < 0.2 | < 0.2 | < 0.2 | < 0.2 | < 0.2 | < 0.2 | 11 | 85 | 1.9 | 190 | 120 | 532 | < 10 | | | | 34 | | | | | |
| | Chromium VI | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 | 6 | 6 | 1.8 | 33 | 8 | 220 | < 0.08 | < 0.08 | | | < 0.08 | 3.8 | 0.08 | 0.08-0.25 | 5 | |
| | Chromium III | 14 | 23 | 33 | 63 | 25 | 11 | 7.8 | 23 | 17 | 5 | 5.9 | 6.1 | 910 | 910 | 18,000 | 8,600 | 15,000 | 31,000 | 8.2 | < 5.0 | | | < 5.0 | | | | | |
| | Lead | 80 | 230 | 59 | 28 | 94 | 120 | 9.5 | 19 | 57 | 10 | 5.4 | 4.7 | 200 | 370 | 80 | 2300 | 630 | 1300 | 200 | 230 | | | 2 | 375 | 34 | 4.7 | 50 | |
| | Mercury | < 0.3 | 0.8 | < 0.3 | < 0.3 | < 0.3 | 0.5 | < 0.3 | < 0.3 | < 0.3 | < 0.3 | < 0.3 | < 0.3 | 40 | 56 | 19 | 1100 | 120 | 240 | 40 | 56 | | | 2.3 | 75 | 7.2 | 7.2 | 10 | |
| | Nickel | 12 | 22 | 29 | 52 | 22 | 10 | 6.1 | 22 | 44 | 3.5 | 3.5 | 5.2 | 180 | 180 | 53 | 980 | 230 | 800 | 12 | 22 | | | < 0.5 | 0.8 | 0.07 | 0.07 | 1 | |
| | Selenium | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 250 | 430 | 88 | 10,000 | 1100 | 1800 | < 1.0 | < 1.0 | | | 1.2 | 15 | < 1 | 30 | 30 | |
| PHYTOTOXIC METALS | Copper | 28 | 150 | 43 | 30 | 30 | 10 | 4.1 | 16 | 100 | 2.3 | 2.9 | 2.4 | 2,400 | 7,100 | 520 | 48,000 | 13,000 | 44,000 | 27 | 4.6 | | | 12 | 1,500 | 1 | 1.28 | 8-125 | |
| | Zinc | 91 | 340 | 120 | 88 | 120 | 600 | 27 | 47 | 73 | 22 | 14 | 11 | 3,300 | 40,000 | 630 | 730,000 | 81,000 | 170,000 | 12 | 1.5 | | | 7.9 | | 12.3 | 8-125 | 5,000 | |
| PHYSICAL PROPERTIES | Moisture Content (%) | 7 | 12 | 23 | 23 | 21 | 13 | 3.6 | 14 | 24 | 2.7 | 8.4 | 11 | | | | | | | | | | | | | | | | |
| | Stone Content (%) | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | | | | | | | | | | | | | | | | |
| | Soil Organic (%) | 1.8 | | | | 4.8 | | 0.9 | | | | | | | | | | | | | | | | | | | | | |
| | Adverse Screen | ND | | | ND | ND | ND | ND | | | | ND | ND | | | | | | | | | | | | | | | | |
| SPECIATED POLYAROMATIC HYDROCARBONS (PAH) | Fluoranthene | 9.58 | 22.1 | 2.06 | < 0.80 | 9.7 | 9.37 | 32.5 | 9.05 | 2.95 | 744 | 82.4 | 16.7 | 5.6 | 5.6 | 10 | 440 (182h) | 4,900 | 1,900 (182h) | < 0.01 | | | | | | | | | |
| | Naphthalene | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 0.06 | < 0.05 | < 0.05 | < 0.05 | 0.19 | < 0.05 | < 0.05 | < 0.05 | 420 | 4,600 (212h) | 69 | 97,000 (212h) | 15,000 | 30,000 | < 0.01 | | | | | | | | | |
| | Acenaphthylene | < 0.05 | 0.25 | < 0.05 | < 0.05 | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 3.1 | < 0.05 | < 0.05 | 510 | 4,700 (141h) | 85 | 97,000 (141h) | 15,000 | 30,000 | < 0.01 | | | | | | | | | |
| | Acenaphthene | 0.1 | 0.08 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 4.5 | < 0.05 | 0.22 | 400 | 3,800 (745h) | 67 | 68,000 | 9,800 | 20,000 | < 0.01 | | | | | | | | | |
| | Fluorene | 0.07 | 0.07 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 1.7 | < 0.05 | 0.18 | 200 | 1,500 | 38 | 22,000 | 3,300 | 6,200 | < 0.01 | | | | | | | | | |
| | Phenanthrene | 1.2 | 1 | 0.08 | < 0.05 | 0.37 | 0.41 | 0.37 | 0.45 | 0.17 | 13 | 3.6 | 0.71 | 5,400 | 35,000 | 950 | 540,000 | 74,000 | 150,000 | < 0.01 | | | | | | | | | |
| | Anthracene | 0.25 | 0.28 | < 0.05 | < 0.05 | 0.13 | 0.09 | 0.32 | 0.17 | 0.08 | 10 | 1.4 | 0.26 | 560 | 1,600 | 130 | 23,000 | 3,300 | 6,300 | < 0.01 | | | | | | | | | |
| | Fluoranthene | 1.8 | 3.2 | 0.22 | < 0.05 | 1.2 | 1.7 | 4.4 | 1.4 | 0.27 | 160 | 18 | 3.7 | 1,200 | 3,800 | 270 | 54,000 | 7,400 | 15,000 | < 0.01 | | | | | | | | | |
| | Pyrene | 1.4 | 3 | 0.21 | < 0.05 | 1.3 | 1.6 | 4 | 1.3 | 0.31 | 160 | 18 | 3.6 | 11 | 14 | 6.5 | 170 | 29 | 56 | < 0.01 | | | | | | | | | |
| | Benzo[a]anthracene | 0.71 | 1.8 | 0.17 | < 0.05 | 0.9 | 1 | 3.2 | 0.96 | 0.18 | 63 | 6.8 | 1.4 | 22 | 31 | 9.4 | 350 | 57 | 110 | < 0.01 | | | | | | | | | |
| | Chrysene | 0.78 | 1.8 | 0.16 | < 0.05 | 0.85 | 0.86 | 3.5 | 0.82 | 0.22 | 53 | 6.2 | 1.2 | 3.3 | 4 | 2.1 | 44 | 44 | 7.2 | 15 | < 0.01 | | | | | | | | |
| | Benzo[b]fluoranthene | 0.83 | 2.7 | 0.28 | < 0.05 | 1.4 | 1.1 | 4.7 | 1.1 | 0.34 | 84 | 9 | 1.8 | 93 | 110 | 75 | 1,200 | 190 | 410 | < 0.01 | | | | | | | | | |
| | Benzo[k]fluoranthene | 0.53 | 1.4 | 0.18 | < 0.05 | 0.45 | 0.49 | 2.3 | 0.62 | 0.18 | 28 | 3 | 0.54 | 2.7 | 3.2 | 2.00 | 35 | 5.7 | 12 | < 0.01 | | | | | | | | | |
| | Benzo[e]pyrene | 0.74 | 2.6 | 0.31 | < 0.05 | 1.2 | 0.91 | 3.8 | 1 | 0.34 | 69 | 7 | 1.4 | 36 | 46 | 2.1 | 510 | 82 | 170 | < 0.01 | | | | | | | | | |
| | Indeno[1,2,3-cd]pyrene | 0.54 | 1.6 | 0.19 | < 0.05 | 0.76 | 0.51 | 2.8 | 0.57 | 0.32 | 38 | 3.8 | 0.74 | 0.28 | 0.32 | 0.27 | 1.6 | 0.57 | 1.3 | < 0.01 | | | | | | | | | |
| | Dibenz[a,h]anthracene | < 0.05 | 0.29 | < 0.05 | < 0.05 | 0.2 | 0.14 | 0.57 | 0.14 | < 0.05 | 8.8 | 0.91 | 0.17 | 340 | 340 | 470 | 4,000 | 640 | 1,500 | < 0.01 | | | | | | | | | |
| | Benzo[ghi]perylene | 0.65 | 2 | 0.26 | < 0.05 | 0.87 | 0.57 | 2.6 | 0.6 | 0.37 | 46 | 4.6 | 0.89 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | < 0.01 | | | | | | | | | |
| BTEX | Benzene | | | | | | | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | | | | | | | | | | |
| | Toluene | | | | | | | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 290 | 1,900 | 51 | 710,000 | 96,000 | 15,000 | | | | | | | | | | | |
| | Ethylbenzene | | | | | | | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 110 | 190 | 39 | 72,000 | 24,000 | 22,000 | | | | | | | | | | | |
| | O-Xylenes | | | | | | | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 140 | 210 | 67 | 15,000 | 42,000 | 24,000 | | | | | | | | | | | |
| | m-Xylenes | | | | | | | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 140 | 190 | 74 | 74,000 | 42,000 | 24,000 | | | | | | | | | | | |
| | p-Xylene | | | | | | | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 130 | 180 | 69 | 74,000 | 42,000 | 23,000 | | | | | | | | | | |
| | Methyl tert Butyl Ether | | | | | | | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | | | | | | | | | | | | | | | | |
| TOTAL PETROLEUM HYDROCARBONS (BANDED) | C6 - C8 | < 0.1 | | < 0.1 | < 0.1 | < 0.1 | | | | | | | 230 | 230 | 600,000 | 17,000 (322h) | 610,000 | 220,000 (322h) | | | | | | | | | | | |
| | C8 - C10 | < 0.1 | | < 0.1 | < 0.1 | < 0.1 | | | | | | | 65 | 65 | 770 | 4,800 (196h) | 13,000 | 18,000 (196h) | | | | | | | | | | | |
| | C10 - C12 | < 1.0 | | < 1.0 | < 1.0 | < 1.0 | | | | | | | 180 | 590 | 31 | 28,000 | 5,000 | 9,900 | | | | | | | | | | | |
| | C12 - C14 | 13 | | < 4.0 | < 4.0 | < 4.0 | | | | | | | 330 | 2300 | 57 | 37,000 | 5,100 | 10,000 | | | | | | | | | | | |
| | C14 - C21 | 11 | | < 10 | < 10 | < 10 | | | | | | | 540 | 1900 | 110 | 28,000 | 3,800 | 7,700 | | | | | | | | | | | |
| | C21 - C40 | 220 | | 19 | < 10 | < 10 | | | | | | | | | | | | | | | | | | | | | | | |
| | C6 - C40 | 250 | | 19 | < 10 | < 10 | | | | | | | | | | | | | | | | | | | | | | | |
| (TPH) ALIPHATIC | C5 - C6 | | | | | | | < 0.001 | < 0.001 | < 0.001 | < 0.001 | < 0.001 | 78 | 78 | 1,300 | 3,900 (558h) | 590,000 | 130,000 (558h) | | | | | | | | | | | |
| | C6 - C8 | | | | | | | < 0.001 | < 0.001 | < 0.001 | < 0.001 | < 0.001 | 230 | 230 | 600,000 | 17,000 (322h) | 610,000 | 220,000 (322h) | | | | | | | | | | | |
| | C8 - C10 | | | | | | | < 0.001 | < 0.001 | < 0.001 | < 0.001 | < 0.001 | 65 | 65 | 770 | 4,800 (196h) | 13,000 | 18,000 (196h) | | | | | | | | | | | |
| | C10 - C12 | | | | | | | 2 | < 1.0 | 7.3 | 1.7 | 13 | | | | | | | | | | | | | | | | | |
| | C12 - C14 | | | | | | | 5.6 | < 2.0 | 67 | 48 | 510 | 16 | 330 (118h) | 330 (118h) | 4,400 | 23,000 (118h) | 13,000 | 21,000 (118h) | | | | | | | | | | |
| | C14 - C21 | | | | | | | < 8.0 | < 8.0 | 93 | 140 | 1000 | 42 | 2,400 (99h) | 2,400 (99h) | 13,000 | 82,000 (99h) | 13,000 | 25,000 (99h) | | | | | | | | | | |
| | C21 - C35 | | | | | | | 25 | < 8.0 | 26 | 280 | 330 | 16 | 92,000 (21h) | 92,000 (21h) | 270,000 | 1,700,000 | 250,000 | 480,000 | | | | | | | | | | |
| | C5 - C35 | | | | | | | 38 | < 10 | 190 | 470 | 1900 | 74 | | | | | | | | | | | | | | | | |
| | (TPH) AROMATIC | C5 - C7 | | | | | | | < 0.001 | < 0.001 | < 0.001 | < 0.001 | < 0.001 | 140 | 690 | 27 | 46,000 | 56,000 | 84,000 | | | | | | | | | | |
| | | C7 - C8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

██████████
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GL1 1JJ

i2 Analytical Ltd.
7 Woodshots Meadow,
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Herts,
WD18 8YS

Analytical Report Number : 23-25609

| | | | |
|-----------------------------|-------------------------------------|--|------------|
| Project / Site name: | Bristol Street Motors, Stroud | Samples received on: | 29/03/2023 |
| Your job number: | 5125 | Samples instructed on/ Analysis started on: | 29/03/2023 |
| Your order number: | 5125 TB | Analysis completed by: | 06/04/2023 |
| Report Issue Number: | 1 | Report issued on: | 07/04/2023 |
| Samples Analysed: | 4 leachate samples - 9 soil samples | | |

██████████
Signed: _____

██████████
Reporting Specialist
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

| | |
|-----------|---------------------------|
| soils | - 4 weeks from reporting |
| leachates | - 2 weeks from reporting |
| waters | - 2 weeks from reporting |
| asbestos | - 6 months from reporting |

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Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 23-25609
 Project / Site name: Bristol Street Motors, Stroud
 Your Order No: 5125 TB

| Lab Sample Number | 2633034 | 2633035 | 2633036 | 2633037 | 2633038 | | | | |
|---|---------------|--------------------|-------------------------|---------------|---------------|-------|-------|-------|-------|
| Sample Reference | WS1 | WS1 | WS2 | WS2 | WS4 | | | | |
| Sample Number | None Supplied | None Supplied | None Supplied | None Supplied | None Supplied | | | | |
| Depth (m) | 0.50 | 1.00 | 0.15 | 0.55 | 0.30 | | | | |
| Date Sampled | 28/03/2023 | 28/03/2023 | 28/03/2023 | 28/03/2023 | 28/03/2023 | | | | |
| Time Taken | 1700 | 1700 | 1700 | 1700 | 1700 | | | | |
| Analytical Parameter (Soil Analysis) | Units | Limit of detection | Accreditation Status | | | | | | |
| Stone Content | % | 0.1 | NONE | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Moisture Content | % | 0.01 | NONE | 7 | 12 | 23 | 23 | 21 | 21 |
| Total mass of sample received | kg | 0.001 | NONE | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |

| Asbestos in Soil | Type | N/A | ISO 17025 | Not-detected | - | Not-detected | Not-detected | Not-detected |
|---------------------|------|-----|-----------|--------------|-----|--------------|--------------|--------------|
| Asbestos Analyst ID | N/A | N/A | N/A | LFT | N/A | LFT | LFT | LFT |

General Inorganics

| | | | | | | | | |
|----------------------------|---|-----|--------|-----|---|---|---|-----|
| Organic Matter (automated) | % | 0.1 | MCERTS | 1.8 | - | - | - | 4.8 |
|----------------------------|---|-----|--------|-----|---|---|---|-----|

Speciated PAHs

| Compound | mg/kg | Limit | Accreditation | 2633034 | 2633035 | 2633036 | 2633037 | 2633038 |
|------------------------|-------|-------|---------------|---------|---------|---------|---------|---------|
| Naphthalene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | < 0.05 | < 0.05 | 0.06 |
| Acenaphthylene | mg/kg | 0.05 | MCERTS | < 0.05 | 0.25 | < 0.05 | < 0.05 | 0.05 |
| Acenaphthene | mg/kg | 0.05 | MCERTS | 0.1 | 0.08 | < 0.05 | < 0.05 | < 0.05 |
| Fluorene | mg/kg | 0.05 | MCERTS | 0.07 | 0.07 | < 0.05 | < 0.05 | < 0.05 |
| Phenanthrene | mg/kg | 0.05 | MCERTS | 1.2 | 1 | 0.08 | < 0.05 | 0.37 |
| Anthracene | mg/kg | 0.05 | MCERTS | 0.25 | 0.28 | < 0.05 | < 0.05 | 0.13 |
| Fluoranthene | mg/kg | 0.05 | MCERTS | 1.8 | 3.2 | 0.22 | < 0.05 | 1.2 |
| Pyrene | mg/kg | 0.05 | MCERTS | 1.4 | 3 | 0.21 | < 0.05 | 1.3 |
| Benzo(a)anthracene | mg/kg | 0.05 | MCERTS | 0.71 | 1.8 | 0.17 | < 0.05 | 0.9 |
| Chrysene | mg/kg | 0.05 | MCERTS | 0.78 | 1.8 | 0.16 | < 0.05 | 0.85 |
| Benzo(b)fluoranthene | mg/kg | 0.05 | ISO 17025 | 0.83 | 2.7 | 0.28 | < 0.05 | 1.4 |
| Benzo(k)fluoranthene | mg/kg | 0.05 | ISO 17025 | 0.53 | 1.4 | 0.18 | < 0.05 | 0.45 |
| Benzo(a)pyrene | mg/kg | 0.05 | MCERTS | 0.74 | 2.6 | 0.31 | < 0.05 | 1.2 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS | 0.54 | 1.6 | 0.19 | < 0.05 | 0.76 |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | MCERTS | < 0.05 | 0.29 | < 0.05 | < 0.05 | 0.2 |
| Benzo(ghi)perylene | mg/kg | 0.05 | MCERTS | 0.65 | 2 | 0.26 | < 0.05 | 0.87 |

Total PAH

| | | | | | | | | |
|-----------------------------|-------|-----|-----------|------|------|------|--------|-----|
| Speciated Total EPA-16 PAHs | mg/kg | 0.8 | ISO 17025 | 9.58 | 22.1 | 2.06 | < 0.80 | 9.7 |
|-----------------------------|-------|-----|-----------|------|------|------|--------|-----|

Heavy Metals / Metalloids

| Element | mg/kg | Limit | Accreditation | 2633034 | 2633035 | 2633036 | 2633037 | 2633038 |
|-----------------------------------|-------|-------|---------------|---------|---------|---------|---------|---------|
| Arsenic (aqua regia extractable) | mg/kg | 1 | MCERTS | 14 | 21 | 34 | 56 | 22 |
| Cadmium (aqua regia extractable) | mg/kg | 0.2 | MCERTS | 1 | 1.1 | < 0.2 | < 0.2 | < 0.2 |
| Chromium (hexavalent) | mg/kg | 1.2 | NONE | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 |
| Chromium (aqua regia extractable) | mg/kg | 1 | MCERTS | 14 | 23 | 33 | 63 | 25 |
| Copper (aqua regia extractable) | mg/kg | 1 | MCERTS | 28 | 150 | 43 | 30 | 30 |
| Lead (aqua regia extractable) | mg/kg | 1 | MCERTS | 88 | 230 | 59 | 28 | 94 |
| Mercury (aqua regia extractable) | mg/kg | 0.3 | MCERTS | < 0.3 | 0.8 | < 0.3 | < 0.3 | < 0.3 |
| Nickel (aqua regia extractable) | mg/kg | 1 | MCERTS | 12 | 22 | 29 | 52 | 22 |
| Selenium (aqua regia extractable) | mg/kg | 1 | MCERTS | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Zinc (aqua regia extractable) | mg/kg | 1 | MCERTS | 91 | 340 | 120 | 88 | 120 |

Monoaromatics & Oxygenates

| Compound | µg/kg | Limit | Accreditation | 2633034 | 2633035 | 2633036 | 2633037 | 2633038 |
|------------------------------------|-------|-------|---------------|---------|---------|---------|---------|---------|
| Benzene | µg/kg | 5 | MCERTS | - | - | - | - | - |
| Toluene | µg/kg | 5 | MCERTS | - | - | - | - | - |
| Ethylbenzene | µg/kg | 5 | MCERTS | - | - | - | - | - |
| p & m-xylene | µg/kg | 5 | MCERTS | - | - | - | - | - |
| o-xylene | µg/kg | 5 | MCERTS | - | - | - | - | - |
| MTBE (Methyl Tertiary Butyl Ether) | µg/kg | 5 | NONE | - | - | - | - | - |

Analytical Report Number: 23-25609
 Project / Site name: Bristol Street Motors, Stroud
 Your Order No: 5125 TB

| Lab Sample Number | 2633034 | 2633035 | 2633036 | 2633037 | 2633038 |
|--------------------------------------|---------------|--------------------|----------------------|---------------|---------------|
| Sample Reference | WS1 | WS1 | WS2 | WS2 | WS4 |
| Sample Number | None Supplied | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m) | 0.50 | 1.00 | 0.15 | 0.55 | 0.30 |
| Date Sampled | 28/03/2023 | 28/03/2023 | 28/03/2023 | 28/03/2023 | 28/03/2023 |
| Time Taken | 1700 | 1700 | 1700 | 1700 | 1700 |
| Analytical Parameter (Soil Analysis) | Units | Limit of detection | Accreditation Status | | |

Petroleum Hydrocarbons

| TPH-CWG - Aliphatic >EC5 - EC6 | mg/kg | 0.001 | NONE | - | - | - | - | - |
|----------------------------------|-------|-------|--------|---|---|---|---|---|
| TPH-CWG - Aliphatic >EC6 - EC8 | mg/kg | 0.001 | NONE | - | - | - | - | - |
| TPH-CWG - Aliphatic >EC8 - EC10 | mg/kg | 0.001 | NONE | - | - | - | - | - |
| TPH-CWG - Aliphatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - | - | - | - | - |
| TPH-CWG - Aliphatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - | - | - | - | - |
| TPH-CWG - Aliphatic >EC16 - EC21 | mg/kg | 8 | MCERTS | - | - | - | - | - |
| TPH-CWG - Aliphatic >EC21 - EC35 | mg/kg | 8 | MCERTS | - | - | - | - | - |
| TPH-CWG - Aliphatic (EC5 - EC35) | mg/kg | 10 | NONE | - | - | - | - | - |

| TPH-CWG - Aromatic >EC5 - EC7 | mg/kg | 0.001 | NONE | - | - | - | - | - |
|---------------------------------|-------|-------|--------|---|---|---|---|---|
| TPH-CWG - Aromatic >EC7 - EC8 | mg/kg | 0.001 | NONE | - | - | - | - | - |
| TPH-CWG - Aromatic >EC8 - EC10 | mg/kg | 0.001 | NONE | - | - | - | - | - |
| TPH-CWG - Aromatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - | - | - | - | - |
| TPH-CWG - Aromatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - | - | - | - | - |
| TPH-CWG - Aromatic >EC16 - EC21 | mg/kg | 10 | MCERTS | - | - | - | - | - |
| TPH-CWG - Aromatic >EC21 - EC35 | mg/kg | 10 | MCERTS | - | - | - | - | - |
| TPH-CWG - Aromatic (EC5 - EC35) | mg/kg | 10 | NONE | - | - | - | - | - |

| TPH Texas (C6 - C8) | mg/kg | 0.1 | NONE | < 0.1 | - | < 0.1 | < 0.1 | < 0.1 |
|-----------------------|-------|-----|--------|-------|---|-------|-------|-------|
| TPH Texas (C8 - C10) | mg/kg | 0.1 | NONE | < 0.1 | - | < 0.1 | < 0.1 | < 0.1 |
| TPH Texas (C10 - C12) | mg/kg | 1 | MCERTS | < 1.0 | - | < 1.0 | < 1.0 | < 1.0 |
| TPH Texas (C12 - C16) | mg/kg | 4 | MCERTS | 13 | - | < 4.0 | < 4.0 | < 4.0 |
| TPH Texas (C16 - C21) | mg/kg | 10 | MCERTS | 11 | - | < 10 | < 10 | < 10 |
| TPH Texas (C21 - C40) | mg/kg | 10 | MCERTS | 220 | - | 19 | < 10 | < 10 |
| TPH Texas (C6 - C40) | mg/kg | 10 | NONE | 250 | - | 19 | < 10 | < 10 |

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-25609
 Project / Site name: Bristol Street Motors, Stroud
 Your Order No: 5125 TB

| Lab Sample Number | 2633039 | 2633040 | 2633041 | 2633042 |
|--------------------------------------|---------------|--------------------|----------------------|---------------|
| Sample Reference | WS4 | WS6 | WS6 | WS6 |
| Sample Number | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m) | 0.60 | 0.20 | 0.50 | 1.00 |
| Date Sampled | 28/03/2023 | 28/03/2023 | 28/03/2023 | 28/03/2023 |
| Time Taken | 1700 | 1700 | 1700 | 1700 |
| Analytical Parameter (Soil Analysis) | Units | Limit of detection | Accreditation Status | |
| Stone Content | % | 0.1 | NONE | < 0.1 |
| Moisture Content | % | 0.01 | NONE | 13 |
| Total mass of sample received | kg | 0.001 | NONE | 0.3 |

| Asbestos in Soil | Type | N/A | ISO 17025 | Not-detected | Not-detected | Not-detected | - |
|---------------------|------|-----|-----------|--------------|--------------|--------------|-----|
| Asbestos Analyst ID | N/A | N/A | N/A | LFT | LFT | LFT | N/A |

General Inorganics

| Organic Matter (automated) | % | 0.1 | MCERTS | - | - | - | - |
|----------------------------|---|-----|--------|---|---|---|---|
| | | | | | | | |

Speciated PAHs

| Compound | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
|------------------------|-------|------|-----------|--------|--------|--------|--------|
| Naphthalene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Acenaphthylene | mg/kg | 0.05 | MCERTS | < 0.05 | 3.1 | < 0.05 | < 0.05 |
| Acenaphthene | mg/kg | 0.05 | MCERTS | < 0.05 | 4.5 | < 0.05 | 0.22 |
| Fluorene | mg/kg | 0.05 | MCERTS | < 0.05 | 1.7 | < 0.05 | 0.18 |
| Phenanthrene | mg/kg | 0.05 | MCERTS | 0.41 | 13 | 3.6 | 0.71 |
| Anthracene | mg/kg | 0.05 | MCERTS | 0.09 | 10 | 1.4 | 0.26 |
| Fluoranthene | mg/kg | 0.05 | MCERTS | 1.7 | 160 | 18 | 3.7 |
| Pyrene | mg/kg | 0.05 | MCERTS | 1.6 | 160 | 18 | 3.6 |
| Benzo(a)anthracene | mg/kg | 0.05 | MCERTS | 1 | 63 | 6.8 | 1.4 |
| Chrysene | mg/kg | 0.05 | MCERTS | 0.86 | 53 | 6.2 | 1.2 |
| Benzo(b)fluoranthene | mg/kg | 0.05 | ISO 17025 | 1.1 | 84 | 9 | 1.8 |
| Benzo(k)fluoranthene | mg/kg | 0.05 | ISO 17025 | 0.49 | 28 | 3 | 0.54 |
| Benzo(a)pyrene | mg/kg | 0.05 | MCERTS | 0.91 | 69 | 7 | 1.4 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS | 0.51 | 38 | 3.8 | 0.74 |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | MCERTS | 0.14 | 8.8 | 0.91 | 0.17 |
| Benzo(ghi)perylene | mg/kg | 0.05 | MCERTS | 0.57 | 46 | 4.6 | 0.89 |

Total PAH

| Speciated Total EPA-16 PAHs | mg/kg | 0.8 | ISO 17025 | 9.37 | 744 | 82.4 | 16.7 |
|-----------------------------|-------|-----|-----------|------|-----|------|------|
| | | | | | | | |

Heavy Metals / Metalloids

| Element | mg/kg | 1 | MCERTS | 69 | 4.1 | 4.9 | 8.6 |
|-----------------------------------|-------|-----|--------|-------|-------|-------|-------|
| Arsenic (aqua regia extractable) | mg/kg | 1 | MCERTS | 69 | 4.1 | 4.9 | 8.6 |
| Cadmium (aqua regia extractable) | mg/kg | 0.2 | MCERTS | 3.6 | < 0.2 | < 0.2 | < 0.2 |
| Chromium (hexavalent) | mg/kg | 1.2 | NONE | < 1.2 | < 1.2 | < 1.2 | < 1.2 |
| Chromium (aqua regia extractable) | mg/kg | 1 | MCERTS | 11 | 5 | 5.9 | 6.1 |
| Copper (aqua regia extractable) | mg/kg | 1 | MCERTS | 10 | 2.3 | 2.9 | 2.4 |
| Lead (aqua regia extractable) | mg/kg | 1 | MCERTS | 320 | 10 | 5.4 | 4.7 |
| Mercury (aqua regia extractable) | mg/kg | 0.3 | MCERTS | 0.5 | < 0.3 | < 0.3 | < 0.3 |
| Nickel (aqua regia extractable) | mg/kg | 1 | MCERTS | 10 | 3.5 | 3.5 | 5.2 |
| Selenium (aqua regia extractable) | mg/kg | 1 | MCERTS | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Zinc (aqua regia extractable) | mg/kg | 1 | MCERTS | 600 | 22 | 14 | 11 |

Monoaromatics & Oxygenates

| Compound | µg/kg | 5 | MCERTS | - | < 5.0 | < 5.0 | < 5.0 |
|------------------------------------|-------|---|--------|---|-------|-------|-------|
| Benzene | µg/kg | 5 | MCERTS | - | < 5.0 | < 5.0 | < 5.0 |
| Toluene | µg/kg | 5 | MCERTS | - | < 5.0 | < 5.0 | < 5.0 |
| Ethylbenzene | µg/kg | 5 | MCERTS | - | < 5.0 | < 5.0 | < 5.0 |
| p & m-xylene | µg/kg | 5 | MCERTS | - | < 5.0 | < 5.0 | < 5.0 |
| o-xylene | µg/kg | 5 | MCERTS | - | < 5.0 | < 5.0 | < 5.0 |
| MTBE (Methyl Tertiary Butyl Ether) | µg/kg | 5 | NONE | - | < 5.0 | < 5.0 | < 5.0 |

Analytical Report Number: 23-25609
 Project / Site name: Bristol Street Motors, Stroud
 Your Order No: 5125 TB

| Lab Sample Number | 2633039 | 2633040 | 2633041 | 2633042 | | | |
|--|---------------|--------------------|----------------------|---------------|---------|---------|---------|
| Sample Reference | WS4 | WS6 | WS6 | WS6 | | | |
| Sample Number | None Supplied | None Supplied | None Supplied | None Supplied | | | |
| Depth (m) | 0.60 | 0.20 | 0.50 | 1.00 | | | |
| Date Sampled | 28/03/2023 | 28/03/2023 | 28/03/2023 | 28/03/2023 | | | |
| Time Taken | 1700 | 1700 | 1700 | 1700 | | | |
| Analytical Parameter (Soil Analysis) | Units | Limit of detection | Accreditation Status | | | | |
| Petroleum Hydrocarbons | | | | | | | |
| TPH-CWG - Aliphatic >EC5 - EC6 _{HS_1D_AL} | mg/kg | 0.001 | NONE | - | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aliphatic >EC6 - EC8 _{HS_1D_AL} | mg/kg | 0.001 | NONE | - | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aliphatic >EC8 - EC10 _{HS_1D_AL} | mg/kg | 0.001 | NONE | - | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL} | mg/kg | 1 | MCERTS | - | 1.7 | 13 | < 1.0 |
| TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL} | mg/kg | 2 | MCERTS | - | 48 | 510 | 16 |
| TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL} | mg/kg | 8 | MCERTS | - | 140 | 1000 | 42 |
| TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL} | mg/kg | 8 | MCERTS | - | 280 | 330 | 16 |
| TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_1D_AL} | mg/kg | 10 | NONE | - | 470 | 1900 | 74 |
| TPH-CWG - Aromatic >EC5 - EC7 _{HS_1D_AR} | mg/kg | 0.001 | NONE | - | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aromatic >EC7 - EC8 _{HS_1D_AR} | mg/kg | 0.001 | NONE | - | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aromatic >EC8 - EC10 _{HS_1D_AR} | mg/kg | 0.001 | NONE | - | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR} | mg/kg | 1 | MCERTS | - | < 1.0 | 12 | 2.1 |
| TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR} | mg/kg | 2 | MCERTS | - | 43 | 400 | 21 |
| TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR} | mg/kg | 10 | MCERTS | - | 440 | 830 | 49 |
| TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR} | mg/kg | 10 | MCERTS | - | 1000 | 390 | 33 |
| TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_1D_AR} | mg/kg | 10 | NONE | - | 1500 | 1600 | 110 |
| TPH Texas (C6 - C8) _{HS_1D_TOTAL} | mg/kg | 0.1 | NONE | - | - | - | - |
| TPH Texas (C8 - C10) _{HS_1D_TOTAL} | mg/kg | 0.1 | NONE | - | - | - | - |
| TPH Texas (C10 - C12) _{EH_CU_1D_TOTAL} | mg/kg | 1 | MCERTS | - | - | - | - |
| TPH Texas (C12 - C16) _{EH_CU_1D_TOTAL} | mg/kg | 4 | MCERTS | - | - | - | - |
| TPH Texas (C16 - C21) _{EH_CU_1D_TOTAL} | mg/kg | 10 | MCERTS | - | - | - | - |
| TPH Texas (C21 - C40) _{EH_CU_1D_TOTAL} | mg/kg | 10 | MCERTS | - | - | - | - |
| TPH Texas (C6 - C40) _{EH_CU+HS_1D_TOTAL} | mg/kg | 10 | NONE | - | - | - | - |

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



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Environmental Science

Analytical Report Number: 23-25609

Project / Site name: Bristol Street Motors, Stroud

Your Order No: 5125 TB

| Lab Sample Number | 2633043 | 2633044 | 2633045 | 2633046 |
|---|---------------|--------------------|----------------------|---------------|
| Sample Reference | WS1 | WS2 | WS6 | WS6 |
| Sample Number | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m) | 0.50 | 0.55 | 0.20 | 0.50 |
| Date Sampled | 28/03/2023 | 28/03/2023 | 28/03/2023 | 28/03/2023 |
| Time Taken | 1700 | 1700 | 1700 | 1700 |
| Analytical Parameter (Leachate Analysis) | Units | Limit of detection | Accreditation Status | |

Speciated PAHs

| Compound | µg/l | Limit of detection | Accreditation Status | 2633043 | 2633044 | 2633045 | 2633046 |
|------------------------|------|--------------------|----------------------|---------|---------|---------|---------|
| Naphthalene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | < 0.01 | - |
| Acenaphthylene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | < 0.01 | - |
| Acenaphthene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | 2.1 | - |
| Fluorene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | 0.59 | - |
| Phenanthrene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | 0.93 | - |
| Anthracene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | < 0.01 | - |
| Fluoranthene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | 0.83 | - |
| Pyrene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | 0.66 | - |
| Benzo(a)anthracene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | < 0.01 | - |
| Chrysene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | < 0.01 | - |
| Benzo(b)fluoranthene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | < 0.01 | - |
| Benzo(k)fluoranthene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | < 0.01 | - |
| Benzo(a)pyrene | µg/l | 0.01 | ISO 17025 | - | < 0.01 | < 0.01 | - |
| Indeno(1,2,3-cd)pyrene | µg/l | 0.01 | NONE | - | < 0.01 | < 0.01 | - |
| Dibenz(a,h)anthracene | µg/l | 0.01 | NONE | - | < 0.01 | < 0.01 | - |
| Benzo(ghi)perylene | µg/l | 0.01 | NONE | - | < 0.01 | < 0.01 | - |

Total PAH

| Total EPA-16 PAHs | µg/l | Limit of detection | Accreditation Status | 2633043 | 2633044 | 2633045 | 2633046 |
|-------------------|------|--------------------|----------------------|---------|---------|---------|---------|
| Total EPA-16 PAHs | µg/l | 0.2 | NONE | - | < 0.2 | 5.1 | - |

Heavy Metals / Metalloids

| Compound | µg/l | Limit of detection | Accreditation Status | 2633043 | 2633044 | 2633045 | 2633046 |
|-----------------------|------|--------------------|----------------------|---------|---------|---------|---------|
| Arsenic (dissolved) | µg/l | 1 | ISO 17025 | 2.7 | - | - | 8.3 |
| Boron (dissolved) | µg/l | 10 | ISO 17025 | < 10 | - | - | 34 |
| Cadmium (dissolved) | µg/l | 0.08 | ISO 17025 | < 0.08 | - | - | < 0.08 |
| Chromium (hexavalent) | µg/l | 5 | ISO 17025 | 8.2 | - | - | < 5.0 |
| Chromium (dissolved) | µg/l | 0.4 | ISO 17025 | 8.4 | - | - | 2 |
| Copper (dissolved) | µg/l | 0.7 | ISO 17025 | 27 | - | - | 12 |
| Lead (dissolved) | µg/l | 1 | ISO 17025 | 5.8 | - | - | 2.3 |
| Mercury (dissolved) | µg/l | 0.5 | ISO 17025 | < 0.5 | - | - | < 0.5 |
| Nickel (dissolved) | µg/l | 0.3 | ISO 17025 | < 0.3 | - | - | 1.2 |
| Selenium (dissolved) | µg/l | 4 | ISO 17025 | < 4.0 | - | - | < 4.0 |
| Zinc (dissolved) | µg/l | 0.4 | ISO 17025 | 12 | - | - | 7.9 |

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



Analytical Report Number : 23-25609

Project / Site name: Bristol Street Motors, Stroud

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

| Lab Sample Number | Sample Reference | Sample Number | Depth (m) | Sample Description * |
|-------------------|------------------|---------------|-----------|---|
| 2633034 | WS1 | None Supplied | 0.5 | Brown sand with gravel. |
| 2633035 | WS1 | None Supplied | 1 | Brown clay and sand with gravel. |
| 2633036 | WS2 | None Supplied | 0.15 | Brown clay and loam with gravel and vegetation. |
| 2633037 | WS2 | None Supplied | 0.55 | Brown clay and sand with gravel. |
| 2633038 | WS4 | None Supplied | 0.3 | Brown clay and sand with gravel. |
| 2633039 | WS4 | None Supplied | 0.6 | Brown sand with gravel. |
| 2633040 | WS6 | None Supplied | 0.2 | Brown sand with gravel. |
| 2633041 | WS6 | None Supplied | 0.5 | Brown sand with gravel. |
| 2633042 | WS6 | None Supplied | 1 | Light brown clay and sand with gravel. |

Analytical Report Number : 23-25609
 Project / Site name: Bristol Street Motors, Stroud

Water matrix abbreviations:
 Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name | Analytical Method Description | Analytical Method Reference | Method number | Wet / Dry Analysis | Accreditation Status |
|---------------------------------------|--|--|---------------|--------------------|----------------------|
| Metals in soil by ICP-OES | Determination of metals in soil by aqua-regia digestion followed by ICP-OES. | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil. | L038-PL | D | MCERTS |
| NRA Leachate Prep | 10:1 extract with de-ionised water shaken for 24 hours then filtered. | In-house method based on National Rivers Authority | L020-PL | W | NONE |
| Asbestos identification in soil | Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques. | In house method based on HSG 248 | A001-PL | D | ISO 17025 |
| Metals by ICP-OES in leachate | Determination of metals in leachate by acidification followed by ICP-OES. | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil. | L039-PL | W | ISO 17025 |
| Boron in leachate | Determination of boron in leachate. Sample acidified and followed by ICP-OES. | In-house method based on MEWAM | L039-PL | W | ISO 17025 |
| Hexavalent chromium in leachate | Determination of hexavalent chromium in leachate by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry. | In-house method | L080-PL | W | ISO 17025 |
| Moisture Content | Moisture content, determined gravimetrically. (30 oC) | In house method. | L019-UK/PL | W | NONE |
| Speciated EPA-16 PAHs in leachate | Determination of PAH compounds in leachate by extraction in dichloromethane followed by GC-MS with the use of surrogate and internal standards. | In-house method based on USEPA 8270 | L102B-PL | W | ISO 17025 |
| Speciated EPA-16 PAHs in soil | Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards. | In-house method based on USEPA 8270 | L064-PL | D | MCERTS |
| Stones content of soil | Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight. | In-house method based on British Standard Methods and MCERTS requirements. | L019-UK/PL | D | NONE |
| TPH Texas (Soil) | TPH Texas bands C6-C10 by HS/GC-MS & C10-C40 by GC-FID | In-house method | L088/L076 | D | MCERTS |
| BTEX and MTBE in soil (Monoaromatics) | Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited | In-house method based on USEPA8260 | L073B-PL | W | MCERTS |
| TPHCWG (Soil) | Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID. | In-house method with silica gel split/clean up. | L088/76-PL | W | MCERTS |
| Organic matter (Automated) in soil | Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate. | In house method. | L009-PL | D | MCERTS |

Analytical Report Number : 23-25609
 Project / Site name: Bristol Street Motors, Stroud

Water matrix abbreviations:
 Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name | Analytical Method Description | Analytical Method Reference | Method number | Wet / Dry Analysis | Accreditation Status |
|---|---|-----------------------------|---------------|--------------------|----------------------|
| Hexavalent chromium in soil (Lower Level) | Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry. | In-house method | L080-PL | W | NONE |

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

| Acronym | Descriptions |
|---------|--|
| HS | Headspace Analysis |
| MS | Mass spectrometry |
| FID | Flame Ionisation Detector |
| GC | Gas Chromatography |
| EH | Extractable Hydrocarbons (i.e. everything extracted by the solvent(s)) |
| CU | Clean-up - e.g. by Florisil®, silica gel |
| 1D | GC - Single coil/column gas chromatography |
| 2D | GC-GC - Double coil/column gas chromatography |
| Total | Aliphatics & Aromatics |
| AL | Aliphatics |
| AR | Aromatics |
| #1 | EH_2D_Total but with humics mathematically subtracted |
| #2 | EH_2D_Total but with fatty acids mathematically subtracted |
| - | Operator - understore to separate acronyms (exception for +) |
| + | Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total |

Sample Deviation Report



Analytical Report Number : 23-25609

Project / Site name: Bristol Street Motors, Stroud

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

| Sample ID | Other ID | Sample Type | Lab Sample Number | Sample Deviation | Test Name | Test Ref | Test Deviation |
|-----------|---------------|-------------|-------------------|------------------|---------------------------------------|------------|----------------|
| WS6 | None Supplied | S | 2633040 | b | BTEX and MTBE in soil (Monoaromatics) | L073B-PL | b |
| WS6 | None Supplied | S | 2633040 | b | TPHCWG (Soil) | L088/76-PL | b |
| WS6 | None Supplied | S | 2633041 | b | BTEX and MTBE in soil (Monoaromatics) | L073B-PL | b |
| WS6 | None Supplied | S | 2633041 | b | TPHCWG (Soil) | L088/76-PL | b |
| WS6 | None Supplied | S | 2633042 | b | BTEX and MTBE in soil (Monoaromatics) | L073B-PL | b |
| WS6 | None Supplied | S | 2633042 | b | TPHCWG (Soil) | L088/76-PL | b |



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Environmental Science

Wilson Associates (Consulting) Limited
36 Brunswick Road
Gloucester
GL1 1JJ

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

Analytical Report Number : 23-27617

| | | | |
|-----------------------------|-------------------------------------|--|------------|
| Project / Site name: | Bristol Street Motors Stroud | Samples received on: | 11/04/2023 |
| Your job number: | 5125 | Samples instructed on/ Analysis started on: | 11/04/2023 |
| Your order number: | 5125-TB | Analysis completed by: | 19/04/2023 |
| Report Issue Number: | 1 | Report issued on: | 19/04/2023 |
| Samples Analysed: | 2 leachate samples - 3 soil samples | | |

Signed:

Reporting Specialist
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

| | | |
|--|-----------|---------------------------|
| Standard sample disposal times, unless otherwise agreed with the laboratory, are : | soils | - 4 weeks from reporting |
| | leachates | - 2 weeks from reporting |
| | waters | - 2 weeks from reporting |
| | asbestos | - 6 months from reporting |

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 23-27617
 Project / Site name: Bristol Street Motors Stroud
 Your Order No: 5125-TB

| Lab Sample Number | | | | 2643782 | 2643783 | 2643784 |
|---|-------|--------------------|-------------------------|---------------|---------------|---------------|
| Sample Reference | | | | WS5 | WS5 | WS5 |
| Sample Number | | | | None Supplied | None Supplied | None Supplied |
| Depth (m) | | | | 0.40 | 0.75 | 1.50 |
| Date Sampled | | | | 28/03/2023 | 28/03/2023 | 28/03/2023 |
| Time Taken | | | | 1700 | 1700 | 1700 |
| Analytical Parameter (Soil Analysis) | Units | Limit of detection | Accreditation Status | | | |
| Stone Content | % | 0.1 | NONE | 60 | < 0.1 | < 0.1 |
| Moisture Content | % | 0.01 | NONE | 3.6 | 14 | 24 |
| Total mass of sample received | kg | 0.001 | NONE | 0.3 | 0.3 | 0.3 |

| Asbestos in Soil | Type | N/A | ISO 17025 | Not-detected | - | - |
|---------------------|------|-----|-----------|--------------|-----|-----|
| Asbestos Analyst ID | N/A | N/A | N/A | MJN | N/A | N/A |

General Inorganics

| Organic Matter (automated) | % | 0.1 | MCERTS | 0.9 | - | - |
|----------------------------|---|-----|--------|-----|---|---|
| | | | | | | |

Speciated PAHs

| Compound | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | 0.19 |
|------------------------|-------|------|-----------|--------|--------|--------|
| Naphthalene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | 0.19 |
| Acenaphthylene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | < 0.05 |
| Acenaphthene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | < 0.05 |
| Fluorene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | < 0.05 |
| Phenanthrene | mg/kg | 0.05 | MCERTS | 0.37 | 0.45 | 0.17 |
| Anthracene | mg/kg | 0.05 | MCERTS | 0.32 | 0.17 | 0.06 |
| Fluoranthene | mg/kg | 0.05 | MCERTS | 4.4 | 1.4 | 0.27 |
| Pyrene | mg/kg | 0.05 | MCERTS | 4 | 1.3 | 0.31 |
| Benzo(a)anthracene | mg/kg | 0.05 | MCERTS | 3.2 | 0.96 | 0.18 |
| Chrysene | mg/kg | 0.05 | MCERTS | 3.5 | 0.82 | 0.22 |
| Benzo(b)fluoranthene | mg/kg | 0.05 | ISO 17025 | 4.7 | 1.1 | 0.34 |
| Benzo(k)fluoranthene | mg/kg | 0.05 | ISO 17025 | 2.3 | 0.62 | 0.18 |
| Benzo(a)pyrene | mg/kg | 0.05 | MCERTS | 3.8 | 1 | 0.34 |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS | 2.8 | 0.57 | 0.32 |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | MCERTS | 0.57 | 0.14 | < 0.05 |
| Benzo(ghi)perylene | mg/kg | 0.05 | MCERTS | 2.6 | 0.6 | 0.37 |

Total PAH

| Speciated Total EPA-16 PAHs | mg/kg | 0.8 | ISO 17025 | 32.5 | 9.05 | 2.95 |
|-----------------------------|-------|-----|-----------|------|------|------|
| | | | | | | |

Heavy Metals / Metalloids

| Element | mg/kg | 1 | MCERTS | 5.2 | 18 | 25 |
|-----------------------------------|-------|-----|--------|-------|-------|-------|
| Arsenic (aqua regia extractable) | mg/kg | 1 | MCERTS | 5.2 | 18 | 25 |
| Cadmium (aqua regia extractable) | mg/kg | 0.2 | MCERTS | < 0.2 | < 0.2 | < 0.2 |
| Chromium (hexavalent) | mg/kg | 1.2 | NONE | < 1.2 | < 1.2 | < 1.2 |
| Chromium (aqua regia extractable) | mg/kg | 1 | MCERTS | 7.8 | 23 | 17 |
| Copper (aqua regia extractable) | mg/kg | 1 | MCERTS | 4.1 | 16 | 100 |
| Lead (aqua regia extractable) | mg/kg | 1 | MCERTS | 9.5 | 19 | 57 |
| Mercury (aqua regia extractable) | mg/kg | 0.3 | MCERTS | < 0.3 | < 0.3 | < 0.3 |
| Nickel (aqua regia extractable) | mg/kg | 1 | MCERTS | 6.1 | 22 | 44 |
| Selenium (aqua regia extractable) | mg/kg | 1 | MCERTS | < 1.0 | < 1.0 | < 1.0 |
| Zinc (aqua regia extractable) | mg/kg | 1 | MCERTS | 27 | 47 | 73 |

Monoaromatics & Oxygenates

| Compound | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 |
|------------------------------------|-------|---|--------|-------|-------|-------|
| Benzene | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 |
| Toluene | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 |
| Ethylbenzene | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 |
| p & m-xylene | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 |
| o-xylene | µg/kg | 5 | MCERTS | < 5.0 | < 5.0 | < 5.0 |
| MTBE (Methyl Tertiary Butyl Ether) | µg/kg | 5 | NONE | < 5.0 | < 5.0 | < 5.0 |

Analytical Report Number: 23-27617
 Project / Site name: Bristol Street Motors Stroud
 Your Order No: 5125-TB

| | | | |
|---|---------------|--------------------|----------------------|
| Lab Sample Number | 2643782 | 2643783 | 2643784 |
| Sample Reference | WS5 | WS5 | WS5 |
| Sample Number | None Supplied | None Supplied | None Supplied |
| Depth (m) | 0.40 | 0.75 | 1.50 |
| Date Sampled | 28/03/2023 | 28/03/2023 | 28/03/2023 |
| Time Taken | 1700 | 1700 | 1700 |
| Analytical Parameter (Soil Analysis) | Units | Limit of detection | Accreditation Status |

Petroleum Hydrocarbons

| | | | | | | |
|--|-------|-------|--------|---------|---------|---------|
| TPH-CWG - Aliphatic >EC5 - EC6 _{HS_1D_AL} | mg/kg | 0.001 | NONE | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aliphatic >EC6 - EC8 _{HS_1D_AL} | mg/kg | 0.001 | NONE | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aliphatic >EC8 - EC10 _{HS_1D_AL} | mg/kg | 0.001 | NONE | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_1D_AL} | mg/kg | 1 | MCERTS | 2 | < 1.0 | 7.3 |
| TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_1D_AL} | mg/kg | 2 | MCERTS | 5.6 | < 2.0 | 67 |
| TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_1D_AL} | mg/kg | 8 | MCERTS | < 8.0 | < 8.0 | 93 |
| TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_1D_AL} | mg/kg | 8 | MCERTS | 25 | < 8.0 | 26 |
| TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_1D_AL} | mg/kg | 10 | NONE | 38 | < 10 | 190 |

| | | | | | | |
|---|-------|-------|--------|---------|---------|---------|
| TPH-CWG - Aromatic >EC5 - EC7 _{HS_1D_AR} | mg/kg | 0.001 | NONE | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aromatic >EC7 - EC8 _{HS_1D_AR} | mg/kg | 0.001 | NONE | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aromatic >EC8 - EC10 _{HS_1D_AR} | mg/kg | 0.001 | NONE | < 0.001 | < 0.001 | < 0.001 |
| TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_1D_AR} | mg/kg | 1 | MCERTS | < 1.0 | < 1.0 | 2.7 |
| TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_1D_AR} | mg/kg | 2 | MCERTS | < 2.0 | < 2.0 | 26 |
| TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_1D_AR} | mg/kg | 10 | MCERTS | 18 | < 10 | 48 |
| TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_1D_AR} | mg/kg | 10 | MCERTS | 110 | < 10 | 11 |
| TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_1D_AR} | mg/kg | 10 | NONE | 120 | < 10 | 88 |

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



4041



Environmental Science

Analytical Report Number: 23-27617

Project / Site name: Bristol Street Motors Stroud

Your Order No: 5125-TB

| | | | | | |
|---|-------|--------------------|----------------------|---------------|---------------|
| Lab Sample Number | | | | 2643785 | 2643786 |
| Sample Reference | | | | WS5 | WS5 |
| Sample Number | | | | None Supplied | None Supplied |
| Depth (m) | | | | 0.40 | 1.50 |
| Date Sampled | | | | 28/03/2023 | 28/03/2023 |
| Time Taken | | | | 1700 | 1700 |
| Analytical Parameter (Leachate Analysis) | Units | Limit of detection | Accreditation Status | | |

Speciated PAHs

| | | | | | |
|------------------------|------|------|-----------|---|--------|
| Naphthalene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Acenaphthylene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Acenaphthene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Fluorene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Phenanthrene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Anthracene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Fluoranthene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Pyrene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Benzo(a)anthracene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Chrysene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Benzo(b)fluoranthene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Benzo(k)fluoranthene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Benzo(a)pyrene | µg/l | 0.01 | ISO 17025 | - | < 0.01 |
| Indeno(1,2,3-cd)pyrene | µg/l | 0.01 | NONE | - | < 0.01 |
| Dibenz(a,h)anthracene | µg/l | 0.01 | NONE | - | < 0.01 |
| Benzo(ghi)perylene | µg/l | 0.01 | NONE | - | < 0.01 |

Total PAH

| | | | | | |
|-------------------|------|-----|------|---|-------|
| Total EPA-16 PAHs | µg/l | 0.2 | NONE | - | < 0.2 |
|-------------------|------|-----|------|---|-------|

Heavy Metals / Metalloids

| | | | | | |
|-----------------------|------|------|-----------|--------|---|
| Arsenic (dissolved) | µg/l | 1 | ISO 17025 | 1.4 | - |
| Cadmium (dissolved) | µg/l | 0.08 | ISO 17025 | < 0.08 | - |
| Chromium (hexavalent) | µg/l | 5 | ISO 17025 | < 5.0 | - |
| Chromium (dissolved) | µg/l | 0.4 | ISO 17025 | < 0.4 | - |
| Copper (dissolved) | µg/l | 0.7 | ISO 17025 | 4.6 | - |
| Lead (dissolved) | µg/l | 1 | ISO 17025 | < 1.0 | - |
| Mercury (dissolved) | µg/l | 0.5 | ISO 17025 | < 0.5 | - |
| Nickel (dissolved) | µg/l | 0.3 | ISO 17025 | 0.4 | - |
| Selenium (dissolved) | µg/l | 4 | ISO 17025 | < 4.0 | - |
| Zinc (dissolved) | µg/l | 0.4 | ISO 17025 | 1.5 | - |

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



Analytical Report Number : 23-27617

Project / Site name: Bristol Street Motors Stroud

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

| Lab Sample Number | Sample Reference | Sample Number | Depth (m) | Sample Description * |
|-------------------|------------------|---------------|-----------|----------------------------------|
| 2643782 | WS5 | None Supplied | 0.4 | Brown gravelly clay with stones. |
| 2643783 | WS5 | None Supplied | 0.75 | Brown clay and sand with gravel. |
| 2643784 | WS5 | None Supplied | 1.5 | Light grey gravelly sand. |

Analytical Report Number : 23-27617

Project / Site name: Bristol Street Motors Stroud

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name | Analytical Method Description | Analytical Method Reference | Method number | Wet / Dry Analysis | Accreditation Status |
|---|--|--|---------------|--------------------|----------------------|
| Metals in soil by ICP-OES | Determination of metals in soil by aqua-regia digestion followed by ICP-OES. | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil. | L038-PL | D | MCERTS |
| NRA Leachate Prep | 10:1 extract with de-ionised water shaken for 24 hours then filtered. | In-house method based on National Rivers Authority | L020-PL | W | NONE |
| Asbestos identification in soil | Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques. | In house method based on HSG 248 | A001-PL | D | ISO 17025 |
| Metals by ICP-OES in leachate | Determination of metals in leachate by acidification followed by ICP-OES. | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil. | L039-PL | W | ISO 17025 |
| Hexavalent chromium in leachate | Determination of hexavalent chromium in leachate by acidification, addition of 1,5 diphenylcarbazine followed by colorimetry. | In-house method | L080-PL | W | ISO 17025 |
| Moisture Content | Moisture content, determined gravimetrically. (30 oC) | In house method. | L019-UK/PL | W | NONE |
| Speciated EPA-16 PAHs in leachate | Determination of PAH compounds in leachate by extraction in dichloromethane followed by GC-MS with the use of surrogate and internal standards. | In-house method based on USEPA 8270 | L102B-PL | W | ISO 17025 |
| Speciated EPA-16 PAHs in soil | Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards. | In-house method based on USEPA 8270 | L064-PL | D | MCERTS |
| Stones content of soil | Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight. | In-house method based on British Standard Methods and MCERTS requirements. | L019-UK/PL | D | NONE |
| BTEX and MTBE in soil (Monoaromatics) | Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited | In-house method based on USEPA8260 | L073B-PL | W | MCERTS |
| TPHCWG (Soil) | Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID. | In-house method with silica gel split/clean up. | L088/76-PL | W | MCERTS |
| Organic matter (Automated) in soil | Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate. | In house method. | L009-PL | D | MCERTS |
| Hexavalent chromium in soil (Lower Level) | Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazine followed by colorimetry. | In-house method | L080-PL | W | NONE |

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Analytical Report Number : 23-27617

Project / Site name: Bristol Street Motors Stroud

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name | Analytical Method Description | Analytical Method Reference | Method number | Wet / Dry Analysis | Accreditation Status |
|----------------------|-------------------------------|-----------------------------|---------------|--------------------|----------------------|
|----------------------|-------------------------------|-----------------------------|---------------|--------------------|----------------------|

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

| Acronym | Descriptions |
|---------|--|
| HS | Headspace Analysis |
| MS | Mass spectrometry |
| FID | Flame Ionisation Detector |
| GC | Gas Chromatography |
| EH | Extractable Hydrocarbons (i.e. everything extracted by the solvent(s)) |
| CU | Clean-up - e.g. by Florisil®, silica gel |
| 1D | GC - Single coil/column gas chromatography |
| 2D | GC-GC - Double coil/column gas chromatography |
| Total | Aliphatics & Aromatics |
| AL | Aliphatics |
| AR | Aromatics |
| #1 | EH_2D_Total but with humics mathematically subtracted |
| #2 | EH_2D_Total but with fatty acids mathematically subtracted |
| - | Operator - understore to separate acronyms (exception for +) |
| + | Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total |

Sample Deviation Report



Analytical Report Number : 23-27617

Project / Site name: Bristol Street Motors Stroud

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

| Sample ID | Other ID | Sample Type | Lab Sample Number | Sample Deviation | Test Name | Test Ref | Test Deviation |
|-----------|---------------|-------------|-------------------|------------------|---------------------------------------|------------|----------------|
| WS5 | None Supplied | S | 2643782 | bc | BTEX and MTBE in soil (Monoaromatics) | L073B-PL | bc |
| WS5 | None Supplied | S | 2643782 | bc | TPHCWG (Soil) | L088/76-PL | b |
| WS5 | None Supplied | S | 2643783 | bc | BTEX and MTBE in soil (Monoaromatics) | L073B-PL | bc |
| WS5 | None Supplied | S | 2643783 | bc | TPHCWG (Soil) | L088/76-PL | b |
| WS5 | None Supplied | S | 2643784 | bc | BTEX and MTBE in soil (Monoaromatics) | L073B-PL | bc |
| WS5 | None Supplied | S | 2643784 | bc | TPHCWG (Soil) | L088/76-PL | b |

APPENDIX 4

WASTE CLASSIFICATION REPORT
AND
WASTE ACCEPTANCE CRITERIA (WAC) TEST RESULTS

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

- understand the origin of the waste
- select the correct List of Waste code(s)
- confirm that the list of determinands, results and sampling plan are fit for purpose
- select and justify the chosen metal species (Appendix B)
- correctly apply moisture correction and other available corrections
- add the meta data for their user-defined substances (Appendix A)
- check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)



5S0X0-7BWPA-K361X

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

Job name

23-25609 & 23-27617 _HWOL_ Results

Description/Comments

Project

5125

Site

Bristol Street Motors, Stroud

Classified by

Name:

[REDACTED]

Company:

Wilson Associates

Date:

05 Jul 2023 11:51 GMT

Telephone:

[REDACTED]

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

CERTIFIED

Course

Hazardous Waste Classification
Most recent 3 year Refresher

Date

07 Nov 2019
04 Oct 2022

Next 3 year Refresher due by Oct 2025

Purpose of classification

4 - Classification of Waste Products

Address of the waste

Bristol Street Motors, London Road, Stroud,

Post Code GL5 2AX

SIC for the process giving rise to the waste

41202 Construction of domestic buildings

Description of industry/producer giving rise to the waste

Construction

Description of the specific process, sub-process and/or activity that created the waste

Excavation for foundations

Description of the waste

Soil Arisings

Job summary

| # | Sample name | Depth [m] | Classification Result | Hazard properties | Page |
|----|--------------------|-----------|-----------------------|-------------------|------|
| 1 | WS1--28032023-0.50 | | Non Hazardous | | 3 |
| 2 | WS1--28032023-1.00 | | Non Hazardous | | 5 |
| 3 | WS2--28032023-0.15 | | Non Hazardous | | 7 |
| 4 | WS2--28032023-0.55 | | Non Hazardous | | 9 |
| 5 | WS4--28032023-0.30 | | Non Hazardous | | 11 |
| 6 | WS4--28032023-0.60 | | Non Hazardous | | 13 |
| 7 | WS6--28032023-0.20 | | Non Hazardous | | 15 |
| 8 | WS6--28032023-0.50 | | Non Hazardous | | 17 |
| 9 | WS6--28032023-1.00 | | Non Hazardous | | 19 |
| 10 | WS5--28032023-0.40 | | Non Hazardous | | 21 |
| 11 | WS5--28032023-0.75 | | Non Hazardous | | 23 |
| 12 | WS5--28032023-1.50 | | Non Hazardous | | 25 |

Related documents

| # | Name | Description |
|---|--|---|
| 1 | 23-25609 & 23-27617 _HWOL_Results.hwol | i2 Analytical .hwol file used to populate the Job |
| 2 | Example waste stream template for contaminated soils | waste stream template used to create this Job |

Report

Created by: Tim Coe

Created date: 05 Jul 2023 11:51 GMT

Appendices

| | Page |
|--|------|
| Appendix A: Classifier defined and non GB MCL determinands | 27 |
| Appendix B: Rationale for selection of metal species | 28 |
| Appendix C: Version | 28 |

Classification of sample: WS1--28032023-0.50

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | | |
|--------------------------------------|-----------|---|
| Sample name: | LoW Code: | |
| WS1--28032023-0.50 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 7% (wet weight correction) | | |

Hazard properties

None identified

Determinands

Moisture content: 7% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 14 | mg/kg | 1.32 | 17.191 | mg/kg | 0.00172 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | | |
| 2 | cadmium { cadmium oxide } | | | | 1 | mg/kg | 1.142 | 1.062 | mg/kg | 0.000106 % | ✓ | |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | | | |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 14 | mg/kg | 1.462 | 19.029 | mg/kg | 0.0019 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | | | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 | mg/kg | 2.27 | <2.724 | mg/kg | <0.000272 % | | <LOD |
| | | 024-017-00-8 | | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 28 | mg/kg | 1.126 | 29.318 | mg/kg | 0.00293 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 6 | lead { lead chromate } | | | 1 | 88 | mg/kg | 1.56 | 127.655 | mg/kg | 0.00818 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <0.3 | mg/kg | 1.353 | <0.406 | mg/kg | <0.0000406 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 8 | nickel { nickel chromate } | | | | 12 | mg/kg | 2.976 | 33.215 | mg/kg | 0.00332 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | | | |
| 9 | selenium { nickel selenate } | | | | <1 | mg/kg | 2.554 | <2.554 | mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 91 | mg/kg | 1.245 | 105.34 | mg/kg | 0.0105 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 11 | naphthalene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 12 | acenaphthylene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 13 | acenaphthene | | | | 0.1 | mg/kg | | 0.093 | mg/kg | 0.0000093 % | ✓ | |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 14 | fluorene | | | | 0.07 | mg/kg | | 0.0651 | mg/kg | 0.00000651 % | ✓ | |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 15 | phenanthrene | | | | 1.2 | mg/kg | | 1.116 | mg/kg | 0.000112 % | ✓ | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 16 | anthracene | | | | 0.25 | mg/kg | | 0.233 | mg/kg | 0.0000233 % | ✓ | |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 17 | • fluoranthene | | | | 1.8 mg/kg | | 1.674 mg/kg | 0.000167 % | ✓ | |
| | | 205-912-4 | 206-44-0 | | | | | | | |
| 18 | • pyrene | | | | 1.4 mg/kg | | 1.302 mg/kg | 0.00013 % | ✓ | |
| | | 204-927-3 | 129-00-0 | | | | | | | |
| 19 | benzo[a]anthracene | | | | 0.71 mg/kg | | 0.66 mg/kg | 0.000066 % | ✓ | |
| | | 601-033-00-9 | 200-280-6 | | | | | | | |
| 20 | chrysene | | | | 0.78 mg/kg | | 0.725 mg/kg | 0.0000725 % | ✓ | |
| | | 601-048-00-0 | 205-923-4 | | | | | | | |
| 21 | benzo[b]fluoranthene | | | | 0.83 mg/kg | | 0.772 mg/kg | 0.0000772 % | ✓ | |
| | | 601-034-00-4 | 205-911-9 | | | | | | | |
| 22 | benzo[k]fluoranthene | | | | 0.53 mg/kg | | 0.493 mg/kg | 0.0000493 % | ✓ | |
| | | 601-036-00-5 | 205-916-6 | | | | | | | |
| 23 | benzo[a]pyrene; benzo[def]chrysene | | | | 0.74 mg/kg | | 0.688 mg/kg | 0.0000688 % | ✓ | |
| | | 601-032-00-3 | 200-028-5 | | | | | | | |
| 24 | • indeno[123-cd]pyrene | | | | 0.54 mg/kg | | 0.502 mg/kg | 0.0000502 % | ✓ | |
| | | 205-893-2 | 193-39-5 | | | | | | | |
| 25 | dibenz[a,h]anthracene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 601-041-00-2 | 200-181-8 | | | | | | | |
| 26 | • benzo[ghi]perylene | | | | 0.65 mg/kg | | 0.605 mg/kg | 0.0000605 % | ✓ | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| Total: | | | | | | | | 0.0302 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS1--28032023-1.00

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | | |
|---------------------------------------|-----------|---|
| Sample name: | LoW Code: | |
| WS1--28032023-1.00 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 12% (wet weight correction) | | |

Hazard properties

None identified

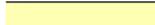
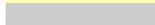
Determinands

Moisture content: 12% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 21 | mg/kg | 1.32 | 24.4 | mg/kg | 0.00244 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | | |
| 2 | cadmium { cadmium oxide } | | | | 1.1 | mg/kg | 1.142 | 1.106 | mg/kg | 0.000111 % | ✓ | |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | | | |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 23 | mg/kg | 1.462 | 29.582 | mg/kg | 0.00296 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | | | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 | mg/kg | 2.27 | <2.724 | mg/kg | <0.000272 % | | <LOD |
| | 024-017-00-8 | | | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 150 | mg/kg | 1.126 | 148.617 | mg/kg | 0.0149 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 6 | lead { lead chromate } | | | 1 | 230 | mg/kg | 1.56 | 315.707 | mg/kg | 0.0202 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | 0.8 | mg/kg | 1.353 | 0.953 | mg/kg | 0.0000953 % | ✓ | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 8 | nickel { nickel chromate } | | | | 22 | mg/kg | 2.976 | 57.62 | mg/kg | 0.00576 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | | | |
| 9 | selenium { nickel selenate } | | | | <1 | mg/kg | 2.554 | <2.554 | mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 340 | mg/kg | 1.245 | 372.418 | mg/kg | 0.0372 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 11 | naphthalene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 12 | acenaphthylene | | | | 0.25 | mg/kg | | 0.22 | mg/kg | 0.000022 % | ✓ | |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 13 | acenaphthene | | | | 0.08 | mg/kg | | 0.0704 | mg/kg | 0.00000704 % | ✓ | |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 14 | fluorene | | | | 0.07 | mg/kg | | 0.0616 | mg/kg | 0.00000616 % | ✓ | |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 15 | phenanthrene | | | | 1 | mg/kg | | 0.88 | mg/kg | 0.000088 % | ✓ | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 16 | anthracene | | | | 0.28 | mg/kg | | 0.246 | mg/kg | 0.0000246 % | ✓ | |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 17 | • fluoranthene | | | | 3.2 mg/kg | | 2.816 mg/kg | 0.000282 % | ✓ | |
| | | 205-912-4 | 206-44-0 | | | | | | | |
| 18 | • pyrene | | | | 3 mg/kg | | 2.64 mg/kg | 0.000264 % | ✓ | |
| | | 204-927-3 | 129-00-0 | | | | | | | |
| 19 | benzo[a]anthracene | | | | 1.8 mg/kg | | 1.584 mg/kg | 0.000158 % | ✓ | |
| | | 601-033-00-9 | 200-280-6 | | | | | | | |
| 20 | chrysene | | | | 1.8 mg/kg | | 1.584 mg/kg | 0.000158 % | ✓ | |
| | | 601-048-00-0 | 205-923-4 | | | | | | | |
| 21 | benzo[b]fluoranthene | | | | 2.7 mg/kg | | 2.376 mg/kg | 0.000238 % | ✓ | |
| | | 601-034-00-4 | 205-911-9 | | | | | | | |
| 22 | benzo[k]fluoranthene | | | | 1.4 mg/kg | | 1.232 mg/kg | 0.000123 % | ✓ | |
| | | 601-036-00-5 | 205-916-6 | | | | | | | |
| 23 | benzo[a]pyrene; benzo[def]chrysene | | | | 2.6 mg/kg | | 2.288 mg/kg | 0.000229 % | ✓ | |
| | | 601-032-00-3 | 200-028-5 | | | | | | | |
| 24 | • indeno[123-cd]pyrene | | | | 1.6 mg/kg | | 1.408 mg/kg | 0.000141 % | ✓ | |
| | | 205-893-2 | 193-39-5 | | | | | | | |
| 25 | dibenz[a,h]anthracene | | | | 0.29 mg/kg | | 0.255 mg/kg | 0.0000255 % | ✓ | |
| | | 601-041-00-2 | 200-181-8 | | | | | | | |
| 26 | • benzo[ghi]perylene | | | | 2 mg/kg | | 1.76 mg/kg | 0.000176 % | ✓ | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| Total: | | | | | | | | 0.0862 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS2--28032023-0.15

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | | |
|---------------------------------------|-----------|---|
| Sample name: | LoW Code: | |
| WS2--28032023-0.15 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 23% (wet weight correction) | | |

Hazard properties

None identified

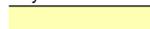
Determinands

Moisture content: 23% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 34 | mg/kg | 1.32 | 34.566 | mg/kg | 0.00346 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | | |
| 2 | cadmium { cadmium oxide } | | | | <0.2 | mg/kg | 1.142 | <0.228 | mg/kg | <0.0000228 % | | <LOD |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | | | |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 33 | mg/kg | 1.462 | 37.138 | mg/kg | 0.00371 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | | | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 | mg/kg | 2.27 | <2.724 | mg/kg | <0.000272 % | | <LOD |
| | 024-017-00-8 | | | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 43 | mg/kg | 1.126 | 37.278 | mg/kg | 0.00373 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 6 | lead { lead chromate } | | | 1 | 59 | mg/kg | 1.56 | 70.862 | mg/kg | 0.00454 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <0.3 | mg/kg | 1.353 | <0.406 | mg/kg | <0.0000406 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 8 | nickel { nickel chromate } | | | | 29 | mg/kg | 2.976 | 66.46 | mg/kg | 0.00665 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | | | |
| 9 | selenium { nickel selenate } | | | | <1 | mg/kg | 2.554 | <2.554 | mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 120 | mg/kg | 1.245 | 115.012 | mg/kg | 0.0115 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 11 | naphthalene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 12 | acenaphthylene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 13 | acenaphthene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 14 | fluorene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 15 | phenanthrene | | | | 0.08 | mg/kg | | 0.0616 | mg/kg | 0.00000616 % | ✓ | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 16 | anthracene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 17 | • fluoranthene | | | | 0.22 mg/kg | | 0.169 mg/kg | 0.0000169 % | ✓ | |
| | | 205-912-4 | 206-44-0 | | | | | | | |
| 18 | • pyrene | | | | 0.21 mg/kg | | 0.162 mg/kg | 0.0000162 % | ✓ | |
| | | 204-927-3 | 129-00-0 | | | | | | | |
| 19 | benzo[a]anthracene | | | | 0.17 mg/kg | | 0.131 mg/kg | 0.0000131 % | ✓ | |
| | | 601-033-00-9 | 200-280-6 | | | | | | | |
| 20 | chrysene | | | | 0.16 mg/kg | | 0.123 mg/kg | 0.0000123 % | ✓ | |
| | | 601-048-00-0 | 205-923-4 | | | | | | | |
| 21 | benzo[b]fluoranthene | | | | 0.28 mg/kg | | 0.216 mg/kg | 0.0000216 % | ✓ | |
| | | 601-034-00-4 | 205-911-9 | | | | | | | |
| 22 | benzo[k]fluoranthene | | | | 0.18 mg/kg | | 0.139 mg/kg | 0.0000139 % | ✓ | |
| | | 601-036-00-5 | 205-916-6 | | | | | | | |
| 23 | benzo[a]pyrene; benzo[def]chrysene | | | | 0.31 mg/kg | | 0.239 mg/kg | 0.0000239 % | ✓ | |
| | | 601-032-00-3 | 200-028-5 | | | | | | | |
| 24 | • indeno[123-cd]pyrene | | | | 0.19 mg/kg | | 0.146 mg/kg | 0.0000146 % | ✓ | |
| | | 205-893-2 | 193-39-5 | | | | | | | |
| 25 | dibenz[a,h]anthracene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 601-041-00-2 | 200-181-8 | | | | | | | |
| 26 | • benzo[ghi]perylene | | | | 0.26 mg/kg | | 0.2 mg/kg | 0.00002 % | ✓ | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| Total: | | | | | | | | 0.0344 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS2--28032023-0.55

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | | |
|---------------------------------------|-----------|---|
| Sample name: | LoW Code: | |
| WS2--28032023-0.55 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 23% (wet weight correction) | | |

Hazard properties

None identified

Determinands

Moisture content: 23% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 56 | mg/kg | 1.32 | 56.932 | mg/kg | 0.00569 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | | |
| 2 | cadmium { cadmium oxide } | | | | <0.2 | mg/kg | 1.142 | <0.228 | mg/kg | <0.0000228 % | | <LOD |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | | | |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 63 | mg/kg | 1.462 | 70.9 | mg/kg | 0.00709 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | | | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 | mg/kg | 2.27 | <2.724 | mg/kg | <0.000272 % | | <LOD |
| | 024-017-00-8 | | | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 30 | mg/kg | 1.126 | 26.008 | mg/kg | 0.0026 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 6 | lead { lead chromate } | | | 1 | 28 | mg/kg | 1.56 | 33.63 | mg/kg | 0.00216 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <0.3 | mg/kg | 1.353 | <0.406 | mg/kg | <0.0000406 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 8 | nickel { nickel chromate } | | | | 52 | mg/kg | 2.976 | 119.17 | mg/kg | 0.0119 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | | | |
| 9 | selenium { nickel selenate } | | | | <1 | mg/kg | 2.554 | <2.554 | mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 88 | mg/kg | 1.245 | 84.342 | mg/kg | 0.00843 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 11 | naphthalene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 12 | acenaphthylene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 13 | acenaphthene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 14 | fluorene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 15 | phenanthrene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 16 | anthracene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 17 | • fluoranthene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 205-912-4 | 206-44-0 | | | | | | | |
| 18 | • pyrene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 204-927-3 | 129-00-0 | | | | | | | |
| 19 | benzo[a]anthracene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 601-033-00-9 | 200-280-6 | | | | | | | |
| 20 | chrysene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 601-048-00-0 | 205-923-4 | | | | | | | |
| 21 | benzo[b]fluoranthene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 601-034-00-4 | 205-911-9 | | | | | | | |
| 22 | benzo[k]fluoranthene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 601-036-00-5 | 205-916-6 | | | | | | | |
| 23 | benzo[a]pyrene; benzo[def]chrysene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 601-032-00-3 | 200-028-5 | | | | | | | |
| 24 | • indeno[123-cd]pyrene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | | 205-893-2 | | | | | | | |
| 25 | dibenz[a,h]anthracene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 601-041-00-2 | 200-181-8 | | | | | | | |
| 26 | • benzo[ghi]perylene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | | 205-883-8 | | | | | | | |
| Total: | | | | | | | | 0.0386 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS4--28032023-0.30

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | | |
|---------------------------------------|-----------|---|
| Sample name: | LoW Code: | |
| WS4--28032023-0.30 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 21% (wet weight correction) | | |

Hazard properties

None identified

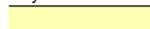
Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 22 mg/kg | 1.32 | 22.947 mg/kg | 0.00229 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | cadmium { cadmium oxide } | | | | <0.2 mg/kg | 1.142 | <0.228 mg/kg | <0.0000228 % | | <LOD |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 25 mg/kg | 1.462 | 28.866 mg/kg | 0.00289 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 mg/kg | 2.27 | <2.724 mg/kg | <0.000272 % | | <LOD |
| | 024-017-00-8 | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 30 mg/kg | 1.126 | 26.684 mg/kg | 0.00267 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead chromate } | | | 1 | 94 mg/kg | 1.56 | 115.832 mg/kg | 0.00743 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <0.3 mg/kg | 1.353 | <0.406 mg/kg | <0.0000406 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel chromate } | | | | 22 mg/kg | 2.976 | 51.727 mg/kg | 0.00517 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | |
| 9 | selenium { nickel selenate } | | | | <1 mg/kg | 2.554 | <2.554 mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 120 mg/kg | 1.245 | 117.999 mg/kg | 0.0118 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| 11 | naphthalene | | | | 0.06 mg/kg | | 0.0474 mg/kg | 0.00000474 % | ✓ | |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | |
| 12 | acenaphthylene | | | | 0.05 mg/kg | | 0.0395 mg/kg | 0.00000395 % | ✓ | |
| | | 205-917-1 | 208-96-8 | | | | | | | |
| 13 | acenaphthene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | |
| 14 | fluorene | | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | |
| 15 | phenanthrene | | | | 0.37 mg/kg | | 0.292 mg/kg | 0.0000292 % | ✓ | |
| | | 201-581-5 | 85-01-8 | | | | | | | |
| 16 | anthracene | | | | 0.13 mg/kg | | 0.103 mg/kg | 0.0000103 % | ✓ | |
| | | 204-371-1 | 120-12-7 | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 17 | • fluoranthene | | | | 1.2 mg/kg | | 0.948 mg/kg | 0.0000948 % | ✓ | |
| | | 205-912-4 | 206-44-0 | | | | | | | |
| 18 | • pyrene | | | | 1.3 mg/kg | | 1.027 mg/kg | 0.000103 % | ✓ | |
| | | 204-927-3 | 129-00-0 | | | | | | | |
| 19 | benzo[a]anthracene | | | | 0.9 mg/kg | | 0.711 mg/kg | 0.0000711 % | ✓ | |
| | | 601-033-00-9 | 200-280-6 | | | | | | | |
| 20 | chrysene | | | | 0.85 mg/kg | | 0.671 mg/kg | 0.0000671 % | ✓ | |
| | | 601-048-00-0 | 205-923-4 | | | | | | | |
| 21 | benzo[b]fluoranthene | | | | 1.4 mg/kg | | 1.106 mg/kg | 0.000111 % | ✓ | |
| | | 601-034-00-4 | 205-911-9 | | | | | | | |
| 22 | benzo[k]fluoranthene | | | | 0.45 mg/kg | | 0.356 mg/kg | 0.0000356 % | ✓ | |
| | | 601-036-00-5 | 205-916-6 | | | | | | | |
| 23 | benzo[a]pyrene; benzo[def]chrysene | | | | 1.2 mg/kg | | 0.948 mg/kg | 0.0000948 % | ✓ | |
| | | 601-032-00-3 | 200-028-5 | | | | | | | |
| 24 | • indeno[123-cd]pyrene | | | | 0.76 mg/kg | | 0.6 mg/kg | 0.00006 % | ✓ | |
| | | 205-893-2 | 193-39-5 | | | | | | | |
| 25 | dibenz[a,h]anthracene | | | | 0.2 mg/kg | | 0.158 mg/kg | 0.0000158 % | ✓ | |
| | | 601-041-00-2 | 200-181-8 | | | | | | | |
| 26 | • benzo[ghi]perylene | | | | 0.87 mg/kg | | 0.687 mg/kg | 0.0000687 % | ✓ | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| Total: | | | | | | | | 0.0336 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS4--28032023-0.60

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | | |
|---------------------------------------|-----------|---|
| Sample name: | LoW Code: | |
| WS4--28032023-0.60 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 13% (wet weight correction) | | |

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 |  arsenic { arsenic trioxide } | | | | 69 | mg/kg | 1.32 | 79.259 | mg/kg | 0.00793 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | | |
| 2 |  cadmium { cadmium oxide } | | | | 3.6 | mg/kg | 1.142 | 3.578 | mg/kg | 0.000358 % | ✓ | |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | | | |
| 3 |  chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 11 | mg/kg | 1.462 | 13.987 | mg/kg | 0.0014 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | | | |
| 4 |  chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 | mg/kg | 2.27 | <2.724 | mg/kg | <0.000272 % | | <LOD |
| | 024-017-00-8 | | | | | | | | | | | |
| 5 |  copper { dicopper oxide; copper (I) oxide } | | | | 10 | mg/kg | 1.126 | 9.795 | mg/kg | 0.00098 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 6 |  lead { lead chromate } | | | 1 | 320 | mg/kg | 1.56 | 434.253 | mg/kg | 0.0278 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 7 |  mercury { mercury dichloride } | | | | 0.5 | mg/kg | 1.353 | 0.589 | mg/kg | 0.0000589 % | ✓ | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 8 |  nickel { nickel chromate } | | | | 10 | mg/kg | 2.976 | 25.894 | mg/kg | 0.00259 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | | | |
| 9 |  selenium { nickel selenate } | | | | <1 | mg/kg | 2.554 | <2.554 | mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | | | |
| 10 |  zinc { zinc oxide } | | | | 600 | mg/kg | 1.245 | 649.741 | mg/kg | 0.065 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 11 | naphthalene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 12 | acenaphthylene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 13 | acenaphthene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 14 | fluorene | | | | <0.05 | mg/kg | | <0.05 | mg/kg | <0.000005 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 15 | phenanthrene | | | | 0.41 | mg/kg | | 0.357 | mg/kg | 0.0000357 % | ✓ | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 16 | anthracene | | | | 0.09 | mg/kg | | 0.0783 | mg/kg | 0.00000783 % | ✓ | |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 17 | • fluoranthene | | | | 1.7 mg/kg | | 1.479 mg/kg | 0.000148 % | ✓ | |
| | | 205-912-4 | 206-44-0 | | | | | | | |
| 18 | • pyrene | | | | 1.6 mg/kg | | 1.392 mg/kg | 0.000139 % | ✓ | |
| | | 204-927-3 | 129-00-0 | | | | | | | |
| 19 | benzo[a]anthracene | | | | 1 mg/kg | | 0.87 mg/kg | 0.000087 % | ✓ | |
| | | 601-033-00-9 | 200-280-6 | | | | | | | |
| 20 | chrysene | | | | 0.86 mg/kg | | 0.748 mg/kg | 0.0000748 % | ✓ | |
| | | 601-048-00-0 | 205-923-4 | | | | | | | |
| 21 | benzo[b]fluoranthene | | | | 1.1 mg/kg | | 0.957 mg/kg | 0.0000957 % | ✓ | |
| | | 601-034-00-4 | 205-911-9 | | | | | | | |
| 22 | benzo[k]fluoranthene | | | | 0.49 mg/kg | | 0.426 mg/kg | 0.0000426 % | ✓ | |
| | | 601-036-00-5 | 205-916-6 | | | | | | | |
| 23 | benzo[a]pyrene; benzo[def]chrysene | | | | 0.91 mg/kg | | 0.792 mg/kg | 0.0000792 % | ✓ | |
| | | 601-032-00-3 | 200-028-5 | | | | | | | |
| 24 | • indeno[123-cd]pyrene | | | | 0.51 mg/kg | | 0.444 mg/kg | 0.0000444 % | ✓ | |
| | | 205-893-2 | 193-39-5 | | | | | | | |
| 25 | dibenz[a,h]anthracene | | | | 0.14 mg/kg | | 0.122 mg/kg | 0.0000122 % | ✓ | |
| | | 601-041-00-2 | 200-181-8 | | | | | | | |
| 26 | • benzo[ghi]perylene | | | | 0.57 mg/kg | | 0.496 mg/kg | 0.0000496 % | ✓ | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| Total: | | | | | | | | 0.107 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS6--28032023-0.20

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | |
|--|--|
| Sample name: | LoW Code: |
| WS6--28032023-0.20 | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 2.7% (wet weight correction) | |

Hazard properties

None identified

Determinands

Moisture content: 2.7% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--|--|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 4.1 | mg/kg | 1.32 | 5.267 | mg/kg | 0.000527 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | | |
| 2 | cadmium { cadmium oxide } | | | | <0.2 | mg/kg | 1.142 | <0.228 | mg/kg | <0.0000228 % | | <LOD |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | | | |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 5 | mg/kg | 1.462 | 7.11 | mg/kg | 0.000711 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | | | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 | mg/kg | 2.27 | <2.724 | mg/kg | <0.000272 % | | <LOD |
| | 024-017-00-8 | | | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 2.3 | mg/kg | 1.126 | 2.52 | mg/kg | 0.000252 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 6 | lead { lead chromate } | | | 1 | 10 | mg/kg | 1.56 | 15.177 | mg/kg | 0.000973 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <0.3 | mg/kg | 1.353 | <0.406 | mg/kg | <0.0000406 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 8 | nickel { nickel chromate } | | | | 3.5 | mg/kg | 2.976 | 10.136 | mg/kg | 0.00101 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | | | |
| 9 | selenium { nickel selenate } | | | | <1 | mg/kg | 2.554 | <2.554 | mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 22 | mg/kg | 1.245 | 26.644 | mg/kg | 0.00266 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 11 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| | 603-181-00-X | 216-653-1 | 1634-04-4 | | | | | | | | | |
| 12 | benzene | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | | | |
| 13 | toluene | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | | | |
| 14 | ethylbenzene | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | | | |
| 15 | xylene | | | | <0.01 | mg/kg | | <0.01 | mg/kg | <0.000001 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 16 | naphthalene 601-052-00-2 | 202-049-5 | 91-20-3 | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 17 | acenaphthylene 205-917-1 | 208-96-8 | | | 3.1 mg/kg | | 3.016 mg/kg | 0.000302 % | ✓ | |
| 18 | acenaphthene 201-469-6 | 83-32-9 | | | 4.5 mg/kg | | 4.379 mg/kg | 0.000438 % | ✓ | |
| 19 | fluorene 201-695-5 | 86-73-7 | | | 1.7 mg/kg | | 1.654 mg/kg | 0.000165 % | ✓ | |
| 20 | phenanthrene 201-581-5 | 85-01-8 | | | 13 mg/kg | | 12.649 mg/kg | 0.00126 % | ✓ | |
| 21 | anthracene 204-371-1 | 120-12-7 | | | 10 mg/kg | | 9.73 mg/kg | 0.000973 % | ✓ | |
| 22 | fluoranthene 205-912-4 | 206-44-0 | | | 160 mg/kg | | 155.68 mg/kg | 0.0156 % | ✓ | |
| 23 | pyrene 204-927-3 | 129-00-0 | | | 160 mg/kg | | 155.68 mg/kg | 0.0156 % | ✓ | |
| 24 | benzo[a]anthracene 601-033-00-9 | 200-280-6 | 56-55-3 | | 63 mg/kg | | 61.299 mg/kg | 0.00613 % | ✓ | |
| 25 | chrysene 601-048-00-0 | 205-923-4 | 218-01-9 | | 53 mg/kg | | 51.569 mg/kg | 0.00516 % | ✓ | |
| 26 | benzo[b]fluoranthene 601-034-00-4 | 205-911-9 | 205-99-2 | | 84 mg/kg | | 81.732 mg/kg | 0.00817 % | ✓ | |
| 27 | benzo[k]fluoranthene 601-036-00-5 | 205-916-6 | 207-08-9 | | 28 mg/kg | | 27.244 mg/kg | 0.00272 % | ✓ | |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 | 200-028-5 | 50-32-8 | | 69 mg/kg | | 67.137 mg/kg | 0.00671 % | ✓ | |
| 29 | indeno[123-cd]pyrene 205-893-2 | 193-39-5 | | | 38 mg/kg | | 36.974 mg/kg | 0.0037 % | ✓ | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 | 200-181-8 | 53-70-3 | | 8.8 mg/kg | | 8.562 mg/kg | 0.000856 % | ✓ | |
| 31 | benzo[ghi]perylene 205-883-8 | 191-24-2 | | | 46 mg/kg | | 44.758 mg/kg | 0.00448 % | ✓ | |
| Total: | | | | | | | | 0.0789 % | | |

Key

| | |
|---|---|
| | User supplied data |
| | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
| • | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS6--28032023-0.50

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | |
|--|--|
| Sample name: | LoW Code: |
| WS6--28032023-0.50 | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 8.4% (wet weight correction) | |

Hazard properties

None identified

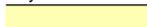
Determinands

Moisture content: 8.4% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 4.9 mg/kg | 1.32 | 5.926 mg/kg | 0.000593 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | cadmium { cadmium oxide } | | | | <0.2 mg/kg | 1.142 | <0.228 mg/kg | <0.0000228 % | | <LOD |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 5.9 mg/kg | 1.462 | 7.899 mg/kg | 0.00079 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 mg/kg | 2.27 | <2.724 mg/kg | <0.000272 % | | <LOD |
| | 024-017-00-8 | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 2.9 mg/kg | 1.126 | 2.991 mg/kg | 0.000299 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead chromate } | | | 1 | 5.4 mg/kg | 1.56 | 7.715 mg/kg | 0.000495 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <0.3 mg/kg | 1.353 | <0.406 mg/kg | <0.0000406 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel chromate } | | | | 3.5 mg/kg | 2.976 | 9.542 mg/kg | 0.000954 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | |
| 9 | selenium { nickel selenate } | | | | <1 mg/kg | 2.554 | <2.554 mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 14 mg/kg | 1.245 | 15.962 mg/kg | 0.0016 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| 11 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 603-181-00-X | 216-653-1 | 1634-04-4 | | | | | | | |
| 12 | benzene | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | |
| 13 | toluene | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | |
| 14 | ethylbenzene | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | |
| 15 | xylene | | | | <0.01 mg/kg | | <0.01 mg/kg | <0.000001 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 16 | naphthalene 601-052-00-2 | 202-049-5 | 91-20-3 | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 17 | acenaphthylene 205-917-1 | 208-96-8 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 18 | acenaphthene 201-469-6 | 83-32-9 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 19 | fluorene 201-695-5 | 86-73-7 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 20 | phenanthrene 201-581-5 | 85-01-8 | | | 3.6 mg/kg | | 3.298 mg/kg | 0.00033 % | ✓ | |
| 21 | anthracene 204-371-1 | 120-12-7 | | | 1.4 mg/kg | | 1.282 mg/kg | 0.000128 % | ✓ | |
| 22 | fluoranthene 205-912-4 | 206-44-0 | | | 18 mg/kg | | 16.488 mg/kg | 0.00165 % | ✓ | |
| 23 | pyrene 204-927-3 | 129-00-0 | | | 18 mg/kg | | 16.488 mg/kg | 0.00165 % | ✓ | |
| 24 | benzo[a]anthracene 601-033-00-9 | 200-280-6 | 56-55-3 | | 6.8 mg/kg | | 6.229 mg/kg | 0.000623 % | ✓ | |
| 25 | chrysene 601-048-00-0 | 205-923-4 | 218-01-9 | | 6.2 mg/kg | | 5.679 mg/kg | 0.000568 % | ✓ | |
| 26 | benzo[b]fluoranthene 601-034-00-4 | 205-911-9 | 205-99-2 | | 9 mg/kg | | 8.244 mg/kg | 0.000824 % | ✓ | |
| 27 | benzo[k]fluoranthene 601-036-00-5 | 205-916-6 | 207-08-9 | | 3 mg/kg | | 2.748 mg/kg | 0.000275 % | ✓ | |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 | 200-028-5 | 50-32-8 | | 7 mg/kg | | 6.412 mg/kg | 0.000641 % | ✓ | |
| 29 | indeno[123-cd]pyrene 205-893-2 | 193-39-5 | | | 3.8 mg/kg | | 3.481 mg/kg | 0.000348 % | ✓ | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 | 200-181-8 | 53-70-3 | | 0.91 mg/kg | | 0.834 mg/kg | 0.0000834 % | ✓ | |
| 31 | benzo[ghi]perylene 205-883-8 | 191-24-2 | | | 4.6 mg/kg | | 4.214 mg/kg | 0.000421 % | ✓ | |
| Total: | | | | | | | | 0.0129 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS6--28032023-1.00

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | | |
|---------------------------------------|-----------|---|
| Sample name: | LoW Code: | |
| WS6--28032023-1.00 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 11% (wet weight correction) | | |

Hazard properties

None identified

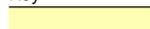
Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 8.6 mg/kg | 1.32 | 10.106 mg/kg | 0.00101 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | cadmium { cadmium oxide } | | | | <0.2 mg/kg | 1.142 | <0.228 mg/kg | <0.0000228 % | | <LOD |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 6.1 mg/kg | 1.462 | 7.935 mg/kg | 0.000793 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 mg/kg | 2.27 | <2.724 mg/kg | <0.000272 % | | <LOD |
| | 024-017-00-8 | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 2.4 mg/kg | 1.126 | 2.405 mg/kg | 0.00024 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead chromate } | | | 1 | 4.7 mg/kg | 1.56 | 6.525 mg/kg | 0.000418 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <0.3 mg/kg | 1.353 | <0.406 mg/kg | <0.0000406 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel chromate } | | | | 5.2 mg/kg | 2.976 | 13.774 mg/kg | 0.00138 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | |
| 9 | selenium { nickel selenate } | | | | <1 mg/kg | 2.554 | <2.554 mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 11 mg/kg | 1.245 | 12.186 mg/kg | 0.00122 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| 11 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 603-181-00-X | 216-653-1 | 1634-04-4 | | | | | | | |
| 12 | benzene | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | |
| 13 | toluene | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | |
| 14 | ethylbenzene | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | |
| 15 | xylene | | | | <0.01 mg/kg | | <0.01 mg/kg | <0.000001 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 16 | naphthalene 601-052-00-2 | 202-049-5 | 91-20-3 | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 17 | acenaphthylene 205-917-1 | 208-96-8 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 18 | acenaphthene 201-469-6 | 83-32-9 | | | 0.22 mg/kg | | 0.196 mg/kg | 0.0000196 % | ✓ | |
| 19 | fluorene 201-695-5 | 86-73-7 | | | 0.18 mg/kg | | 0.16 mg/kg | 0.000016 % | ✓ | |
| 20 | phenanthrene 201-581-5 | 85-01-8 | | | 0.71 mg/kg | | 0.632 mg/kg | 0.0000632 % | ✓ | |
| 21 | anthracene 204-371-1 | 120-12-7 | | | 0.26 mg/kg | | 0.231 mg/kg | 0.0000231 % | ✓ | |
| 22 | fluoranthene 205-912-4 | 206-44-0 | | | 3.7 mg/kg | | 3.293 mg/kg | 0.000329 % | ✓ | |
| 23 | pyrene 204-927-3 | 129-00-0 | | | 3.6 mg/kg | | 3.204 mg/kg | 0.00032 % | ✓ | |
| 24 | benzo[a]anthracene 601-033-00-9 | 200-280-6 | 56-55-3 | | 1.4 mg/kg | | 1.246 mg/kg | 0.000125 % | ✓ | |
| 25 | chrysene 601-048-00-0 | 205-923-4 | 218-01-9 | | 1.2 mg/kg | | 1.068 mg/kg | 0.000107 % | ✓ | |
| 26 | benzo[b]fluoranthene 601-034-00-4 | 205-911-9 | 205-99-2 | | 1.8 mg/kg | | 1.602 mg/kg | 0.00016 % | ✓ | |
| 27 | benzo[k]fluoranthene 601-036-00-5 | 205-916-6 | 207-08-9 | | 0.54 mg/kg | | 0.481 mg/kg | 0.0000481 % | ✓ | |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 | 200-028-5 | 50-32-8 | | 1.4 mg/kg | | 1.246 mg/kg | 0.000125 % | ✓ | |
| 29 | indeno[123-cd]pyrene 205-893-2 | 193-39-5 | | | 0.74 mg/kg | | 0.659 mg/kg | 0.0000659 % | ✓ | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 | 200-181-8 | 53-70-3 | | 0.17 mg/kg | | 0.151 mg/kg | 0.0000151 % | ✓ | |
| 31 | benzo[ghi]perylene 205-883-8 | 191-24-2 | | | 0.89 mg/kg | | 0.792 mg/kg | 0.0000792 % | ✓ | |
| Total: | | | | | | | | 0.00716 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS5--28032023-0.40

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | | |
|--|-----------|---|
| Sample name: | LoW Code: | |
| WS5--28032023-0.40 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 3.6% (wet weight correction) | | |

Hazard properties

None identified

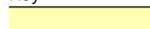
Determinands

Moisture content: 3.6% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 5.2 mg/kg | 1.32 | 6.619 mg/kg | 0.000662 % | ✓ | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | cadmium { cadmium oxide } | | | | <0.2 mg/kg | 1.142 | <0.228 mg/kg | <0.000228 % | | <LOD |
| | 048-002-00-0 | 215-146-2 | 1306-19-0 | | | | | | | |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | | | 7.8 mg/kg | 1.462 | 10.99 mg/kg | 0.0011 % | ✓ | |
| | | 215-160-9 | 1308-38-9 | | | | | | | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } | | | | <1.2 mg/kg | 2.27 | <2.724 mg/kg | <0.000272 % | | <LOD |
| | 024-017-00-8 | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 4.1 mg/kg | 1.126 | 4.45 mg/kg | 0.000445 % | ✓ | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead chromate } | | | 1 | 9.5 mg/kg | 1.56 | 14.285 mg/kg | 0.000916 % | ✓ | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <0.3 mg/kg | 1.353 | <0.406 mg/kg | <0.0000406 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel chromate } | | | | 6.1 mg/kg | 2.976 | 17.502 mg/kg | 0.00175 % | ✓ | |
| | 028-035-00-7 | 238-766-5 | 14721-18-7 | | | | | | | |
| 9 | selenium { nickel selenate } | | | | <1 mg/kg | 2.554 | <2.554 mg/kg | <0.000255 % | | <LOD |
| | 028-031-00-5 | 239-125-2 | 15060-62-5 | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 27 mg/kg | 1.245 | 32.397 mg/kg | 0.00324 % | ✓ | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| 11 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 603-181-00-X | 216-653-1 | 1634-04-4 | | | | | | | |
| 12 | benzene | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | |
| 13 | toluene | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | |
| 14 | ethylbenzene | | | | <0.005 mg/kg | | <0.005 mg/kg | <0.0000005 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | |
| 15 | xylene | | | | <0.01 mg/kg | | <0.01 mg/kg | <0.000001 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 16 | naphthalene 601-052-00-2 | 202-049-5 | 91-20-3 | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 17 | acenaphthylene 205-917-1 | 208-96-8 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 18 | acenaphthene 201-469-6 | 83-32-9 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 19 | fluorene 201-695-5 | 86-73-7 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 20 | phenanthrene 201-581-5 | 85-01-8 | | | 0.37 mg/kg | | 0.357 mg/kg | 0.0000357 % | ✓ | |
| 21 | anthracene 204-371-1 | 120-12-7 | | | 0.32 mg/kg | | 0.308 mg/kg | 0.0000308 % | ✓ | |
| 22 | fluoranthene 205-912-4 | 206-44-0 | | | 4.4 mg/kg | | 4.242 mg/kg | 0.000424 % | ✓ | |
| 23 | pyrene 204-927-3 | 129-00-0 | | | 4 mg/kg | | 3.856 mg/kg | 0.000386 % | ✓ | |
| 24 | benzo[a]anthracene 601-033-00-9 | 200-280-6 | 56-55-3 | | 3.2 mg/kg | | 3.085 mg/kg | 0.000308 % | ✓ | |
| 25 | chrysene 601-048-00-0 | 205-923-4 | 218-01-9 | | 3.5 mg/kg | | 3.374 mg/kg | 0.000337 % | ✓ | |
| 26 | benzo[b]fluoranthene 601-034-00-4 | 205-911-9 | 205-99-2 | | 4.7 mg/kg | | 4.531 mg/kg | 0.000453 % | ✓ | |
| 27 | benzo[k]fluoranthene 601-036-00-5 | 205-916-6 | 207-08-9 | | 2.3 mg/kg | | 2.217 mg/kg | 0.000222 % | ✓ | |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 | 200-028-5 | 50-32-8 | | 3.8 mg/kg | | 3.663 mg/kg | 0.000366 % | ✓ | |
| 29 | indeno[123-cd]pyrene 205-893-2 | 193-39-5 | | | 2.8 mg/kg | | 2.699 mg/kg | 0.00027 % | ✓ | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 | 200-181-8 | 53-70-3 | | 0.57 mg/kg | | 0.549 mg/kg | 0.0000549 % | ✓ | |
| 31 | benzo[ghi]perylene 205-883-8 | 191-24-2 | | | 2.6 mg/kg | | 2.506 mg/kg | 0.000251 % | ✓ | |
| Total: | | | | | | | | 0.0119 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS5--28032023-0.75

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | |
|---------------------------------------|--|
| Sample name: | LoW Code: |
| WS5--28032023-0.75 | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 14% (wet weight correction) | |

Hazard properties

None identified

Determinands

Moisture content: 14% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 | arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3 | | | | 18 | mg/kg | 1.32 | 20.439 | mg/kg | 0.00204 % | ✓ | |
| 2 | cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0 | | | | <0.2 | mg/kg | 1.142 | <0.228 | mg/kg | <0.0000228 % | | <LOD |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 1308-38-9 | | | | 23 | mg/kg | 1.462 | 28.91 | mg/kg | 0.00289 % | ✓ | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8 | | | | <1.2 | mg/kg | 2.27 | <2.724 | mg/kg | <0.000272 % | | <LOD |
| 5 | copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1 | | | | 16 | mg/kg | 1.126 | 15.492 | mg/kg | 0.00155 % | ✓ | |
| 6 | lead { lead chromate } 082-004-00-2 231-846-0 7758-97-6 | | | 1 | 19 | mg/kg | 1.56 | 25.487 | mg/kg | 0.00163 % | ✓ | |
| 7 | mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7 | | | | <0.3 | mg/kg | 1.353 | <0.406 | mg/kg | <0.0000406 % | | <LOD |
| 8 | nickel { nickel chromate } 028-035-00-7 238-766-5 14721-18-7 | | | | 22 | mg/kg | 2.976 | 56.311 | mg/kg | 0.00563 % | ✓ | |
| 9 | selenium { nickel selenate } 028-031-00-5 239-125-2 15060-62-5 | | | | <1 | mg/kg | 2.554 | <2.554 | mg/kg | <0.000255 % | | <LOD |
| 10 | zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2 | | | | 47 | mg/kg | 1.245 | 50.311 | mg/kg | 0.00503 % | ✓ | |
| 11 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4 | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| 12 | benzene 601-020-00-8 200-753-7 71-43-2 | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| 13 | toluene 601-021-00-3 203-625-9 108-88-3 | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| 14 | ethylbenzene 601-023-00-4 202-849-4 100-41-4 | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| 15 | xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4] | | | | <0.01 | mg/kg | | <0.01 | mg/kg | <0.000001 % | | <LOD |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 16 | naphthalene 601-052-00-2 | 202-049-5 | 91-20-3 | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 17 | acenaphthylene 205-917-1 | 208-96-8 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 18 | acenaphthene 201-469-6 | 83-32-9 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 19 | fluorene 201-695-5 | 86-73-7 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 20 | phenanthrene 201-581-5 | 85-01-8 | | | 0.45 mg/kg | | 0.387 mg/kg | 0.0000387 % | ✓ | |
| 21 | anthracene 204-371-1 | 120-12-7 | | | 0.17 mg/kg | | 0.146 mg/kg | 0.0000146 % | ✓ | |
| 22 | fluoranthene 205-912-4 | 206-44-0 | | | 1.4 mg/kg | | 1.204 mg/kg | 0.00012 % | ✓ | |
| 23 | pyrene 204-927-3 | 129-00-0 | | | 1.3 mg/kg | | 1.118 mg/kg | 0.000112 % | ✓ | |
| 24 | benzo[a]anthracene 601-033-00-9 | 200-280-6 | 56-55-3 | | 0.96 mg/kg | | 0.826 mg/kg | 0.0000826 % | ✓ | |
| 25 | chrysene 601-048-00-0 | 205-923-4 | 218-01-9 | | 0.82 mg/kg | | 0.705 mg/kg | 0.0000705 % | ✓ | |
| 26 | benzo[b]fluoranthene 601-034-00-4 | 205-911-9 | 205-99-2 | | 1.1 mg/kg | | 0.946 mg/kg | 0.0000946 % | ✓ | |
| 27 | benzo[k]fluoranthene 601-036-00-5 | 205-916-6 | 207-08-9 | | 0.62 mg/kg | | 0.533 mg/kg | 0.0000533 % | ✓ | |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 | 200-028-5 | 50-32-8 | | 1 mg/kg | | 0.86 mg/kg | 0.000086 % | ✓ | |
| 29 | indeno[123-cd]pyrene 205-893-2 | 193-39-5 | | | 0.57 mg/kg | | 0.49 mg/kg | 0.000049 % | ✓ | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 | 200-181-8 | 53-70-3 | | 0.14 mg/kg | | 0.12 mg/kg | 0.000012 % | ✓ | |
| 31 | benzo[ghi]perylene 205-883-8 | 191-24-2 | | | 0.6 mg/kg | | 0.516 mg/kg | 0.0000516 % | ✓ | |
| Total: | | | | | | | | 0.0202 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: WS5--28032023-1.50

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

| | | |
|---------------------------------------|-----------|---|
| Sample name: | LoW Code: | |
| WS5--28032023-1.50 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 24% (wet weight correction) | | |

Hazard properties

None identified

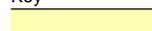
Determinands

Moisture content: 24% Wet Weight Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 | arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3 | | | | 25 | mg/kg | 1.32 | 25.086 | mg/kg | 0.00251 % | ✓ | |
| 2 | cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0 | | | | <0.2 | mg/kg | 1.142 | <0.228 | mg/kg | <0.0000228 % | | <LOD |
| 3 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 1308-38-9 | | | | 17 | mg/kg | 1.462 | 18.883 | mg/kg | 0.00189 % | ✓ | |
| 4 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8 | | | | <1.2 | mg/kg | 2.27 | <2.724 | mg/kg | <0.000272 % | | <LOD |
| 5 | copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1 | | | | 100 | mg/kg | 1.126 | 85.568 | mg/kg | 0.00856 % | ✓ | |
| 6 | lead { lead chromate } 082-004-00-2 231-846-0 7758-97-6 | | | 1 | 57 | mg/kg | 1.56 | 67.571 | mg/kg | 0.00433 % | ✓ | |
| 7 | mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7 | | | | <0.3 | mg/kg | 1.353 | <0.406 | mg/kg | <0.0000406 % | | <LOD |
| 8 | nickel { nickel chromate } 028-035-00-7 238-766-5 14721-18-7 | | | | 44 | mg/kg | 2.976 | 99.526 | mg/kg | 0.00995 % | ✓ | |
| 9 | selenium { nickel selenate } 028-031-00-5 239-125-2 15060-62-5 | | | | <1 | mg/kg | 2.554 | <2.554 | mg/kg | <0.000255 % | | <LOD |
| 10 | zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2 | | | | 73 | mg/kg | 1.245 | 69.057 | mg/kg | 0.00691 % | ✓ | |
| 11 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4 | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| 12 | benzene 601-020-00-8 200-753-7 71-43-2 | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| 13 | toluene 601-021-00-3 203-625-9 108-88-3 | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| 14 | ethylbenzene 601-023-00-4 202-849-4 100-41-4 | | | | <0.005 | mg/kg | | <0.005 | mg/kg | <0.0000005 % | | <LOD |
| 15 | xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4] | | | | <0.01 | mg/kg | | <0.01 | mg/kg | <0.000001 % | | <LOD |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | EU CLP index number | EC Number | CAS Number | | | | | | | |
| 16 | naphthalene 601-052-00-2 | 202-049-5 | 91-20-3 | | 0.19 mg/kg | | 0.144 mg/kg | 0.0000144 % | ✓ | |
| 17 | acenaphthylene 205-917-1 | 208-96-8 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 18 | acenaphthene 201-469-6 | 83-32-9 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 19 | fluorene 201-695-5 | 86-73-7 | | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 20 | phenanthrene 201-581-5 | 85-01-8 | | | 0.17 mg/kg | | 0.129 mg/kg | 0.0000129 % | ✓ | |
| 21 | anthracene 204-371-1 | 120-12-7 | | | 0.06 mg/kg | | 0.0456 mg/kg | 0.00000456 % | ✓ | |
| 22 | fluoranthene 205-912-4 | 206-44-0 | | | 0.27 mg/kg | | 0.205 mg/kg | 0.0000205 % | ✓ | |
| 23 | pyrene 204-927-3 | 129-00-0 | | | 0.31 mg/kg | | 0.236 mg/kg | 0.0000236 % | ✓ | |
| 24 | benzo[a]anthracene 601-033-00-9 | 200-280-6 | 56-55-3 | | 0.18 mg/kg | | 0.137 mg/kg | 0.0000137 % | ✓ | |
| 25 | chrysene 601-048-00-0 | 205-923-4 | 218-01-9 | | 0.22 mg/kg | | 0.167 mg/kg | 0.0000167 % | ✓ | |
| 26 | benzo[b]fluoranthene 601-034-00-4 | 205-911-9 | 205-99-2 | | 0.34 mg/kg | | 0.258 mg/kg | 0.0000258 % | ✓ | |
| 27 | benzo[k]fluoranthene 601-036-00-5 | 205-916-6 | 207-08-9 | | 0.18 mg/kg | | 0.137 mg/kg | 0.0000137 % | ✓ | |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 | 200-028-5 | 50-32-8 | | 0.34 mg/kg | | 0.258 mg/kg | 0.0000258 % | ✓ | |
| 29 | indeno[123-cd]pyrene 205-893-2 | 193-39-5 | | | 0.32 mg/kg | | 0.243 mg/kg | 0.0000243 % | ✓ | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 | 200-181-8 | 53-70-3 | | <0.05 mg/kg | | <0.05 mg/kg | <0.000005 % | | <LOD |
| 31 | benzo[ghi]perylene 205-883-8 | 191-24-2 | | | 0.37 mg/kg | | 0.281 mg/kg | 0.0000281 % | ✓ | |
| Total: | | | | | | | | 0.035 % | | |

Key

| | |
|---|---|
|  | User supplied data |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
|  | Determinand defined or amended by HazWasteOnline (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Appendix A: Classifier defined and non GB MCL determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database

Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H332 , Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Resp. Sens. 1; H334 , Skin Sens. 1; H317 , Repr. 1B; H360FD , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Skin Irrit. 2; H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Carc. 2; H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 23 Jul 2015

Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4

Description/Comments:

Additional Hazard Statement(s): Carc. 2; H351

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc oxide}

Most likely CLP species based on site history

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021

HazWasteOnline Classification Engine Version: 2023.185.5660.10429 (04 Jul 2023)

HazWasteOnline Database: 2023.185.5660.10429 (04 Jul 2023)

This classification utilises the following guidance and legislation:

WM3 v1.2.GB - Waste Classification - 1stEditionv1.2.GB-Oct2021

CLP Regulation - Regulation1272/2008/ECof16December2008

1st ATP - Regulation790/2009/ECof10August2009

2nd ATP - Regulation286/2011/ECof10March2011

3rd ATP - Regulation618/2012/EUof10July2012

4th ATP - Regulation487/2013/EUof8May2013

Correction to 1st ATP - Regulation758/2013/EUof7August2013

5th ATP - Regulation944/2013/EUof2October2013

6th ATP - Regulation605/2014/EUof5June2014

WFD Annex III replacement - Regulation1357/2014/EUof18December2014

Revised List of Waste 2014 - Decision2014/955/EUof18December2014

7th ATP - Regulation2015/1221/EUof24July2015

8th ATP - Regulation(EU)2016/918of19May2016

9th ATP - Regulation(EU)2016/1179of19July2016

10th ATP - Regulation(EU)2017/776of4May2017

HP14 amendment - Regulation(EU)2017/997of8June2017

13th ATP - Regulation(EU)2018/1480of4October2018

14th ATP - Regulation(EU)2020/217of4October2019

15th ATP - Regulation(EU)2020/1182of19May2020

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2020 - UK:2020No.1567of16thDecember2020

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK:

2020 No. 1540 of 16th December 2020

GB MCL List - version1.1of09June2021



Wilson Associates (Consulting) Limited
36 Brunswick Road
Gloucester
GL1 1JJ

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

Analytical Report Number : 23-25612

| | | | |
|-----------------------------|-------------------------------|--|------------|
| Project / Site name: | Bristol Street Motors, Stroud | Samples received on: | 29/03/2023 |
| Your job number: | 5125 | Samples instructed on/ Analysis started on: | 29/03/2023 |
| Your order number: | 5125 TB | Analysis completed by: | 05/04/2023 |
| Report Issue Number: | 1 | Report issued on: | 05/04/2023 |
| Samples Analysed: | 10:1 WAC sample | | |

Signed:

Reporting Specialist
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

| | |
|-----------|---------------------------|
| soils | - 4 weeks from reporting |
| leachates | - 2 weeks from reporting |
| waters | - 2 weeks from reporting |
| asbestos | - 6 months from reporting |

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Waste Acceptance Criteria Analytical Results

| | | | | | | |
|---|--------------------------------------|--|----------|--|---|--------------------------|
| Report No: | 23-25612 | | | | | |
| | | | | Client: WILSONASSO | | |
| Location | Bristol Street Motors, Stroud | | | | | |
| Lab Reference (Sample Number) | 2633049 / 2633050 | | | Landfill Waste Acceptance Criteria | | |
| Sampling Date | 28/03/2023 | | | Limits | | |
| Sample ID | WAC | | | Inert Waste Landfill | Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill | Hazardous Waste Landfill |
| Depth (m) | | | | | | |
| Solid Waste Analysis | | | | | | |
| TOC (%)** | 1.7 | | | 3% | 5% | 6% |
| Loss on Ignition (%) ** | 5.1 | | | -- | -- | 10% |
| BTEX (µg/kg) ** | < 5.0 | | | 6000 | -- | -- |
| Sum of PCBs (mg/kg) ** | < 0.007 | | | 1 | -- | -- |
| Mineral Oil (mg/kg) <small>EH, 1D, CU, AL</small> | < 10 | | | 500 | -- | -- |
| Total PAH (WAC-17) (mg/kg) | 0.92 | | | 100 | -- | -- |
| pH (units)** | 7.9 | | | -- | >6 | -- |
| Acid Neutralisation Capacity (mmol / kg) | 2.3 | | | -- | To be evaluated | To be evaluated |
| Eluate Analysis | | | | | | |
| | 10:1 | | 10:1 | Limit values for compliance leaching test | | |
| (BS EN 12457 - 2 preparation utilising end over end leaching procedure) | mg/l | | mg/kg | using BS EN 12457-2 at L/S 10 l/kg (mg/kg) | | |
| Arsenic * | 0.0063 | | 0.0479 | 0.5 | 2 | 25 |
| Barium * | 0.0170 | | 0.129 | 20 | 100 | 300 |
| Cadmium * | < 0.0001 | | < 0.0008 | 0.04 | 1 | 5 |
| Chromium * | 0.0006 | | 0.0048 | 0.5 | 10 | 70 |
| Copper * | 0.027 | | 0.20 | 2 | 50 | 100 |
| Mercury * | < 0.0005 | | < 0.0050 | 0.01 | 0.2 | 2 |
| Molybdenum * | 0.0111 | | 0.0840 | 0.5 | 10 | 30 |
| Nickel * | 0.0042 | | 0.032 | 0.4 | 10 | 40 |
| Lead * | 0.0021 | | 0.016 | 0.5 | 10 | 50 |
| Antimony * | < 0.0017 | | < 0.017 | 0.06 | 0.7 | 5 |
| Selenium * | < 0.0040 | | < 0.040 | 0.1 | 0.5 | 7 |
| Zinc * | 0.011 | | 0.083 | 4 | 50 | 200 |
| Chloride * | 1.2 | | 9.2 | 800 | 15000 | 25000 |
| Fluoride* | 0.28 | | 2.1 | 10 | 150 | 500 |
| Sulphate * | 9.3 | | 71 | 1000 | 20000 | 50000 |
| TDS* | 95 | | 720 | 4000 | 60000 | 100000 |
| Phenol Index (Monohydric Phenols) * | < 0.010 | | < 0.10 | 1 | - | - |
| DOC | 14.8 | | 112 | 500 | 800 | 1000 |
| Leach Test Information | | | | | | |
| Stone Content (%) | < 0.1 | | | | | |
| Sample Mass (kg) | 0.30 | | | | | |
| Dry Matter (%) | 80 | | | | | |
| Moisture (%) | 20 | | | | | |
| Results are expressed on a dry weight basis, after correction for moisture content where applicable. *= UKAS accredited (liquid eluate analysis only) | | | | | | |
| Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited | | | | | | |

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.



Analytical Report Number : 23-25612

Project / Site name: Bristol Street Motors, Stroud

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

| Lab Sample Number | Sample Reference | Sample Number | Depth (m) | Sample Description * |
|-------------------|------------------|---------------|---------------|----------------------------------|
| 2633049 | WAC | None Supplied | None Supplied | Brown clay and sand with gravel. |

Analytical Report Number : 23-25612

Project / Site name: Bristol Street Motors, Stroud

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name | Analytical Method Description | Analytical Method Reference | Method number | Wet / Dry Analysis | Accreditation Status |
|--|--|---|---------------|--------------------|----------------------|
| BS EN 12457-2 (10:1) Leachate Prep | 10:1 (as received, moisture adjusted) end over end extraction with water for 24 hours. Eluate filtered prior to analysis. | In-house method based on BSEN12457-2. | L043-PL | W | NONE |
| Acid neutralisation capacity of soil | Determination of acid neutralisation capacity by addition of acid or alkali followed by electronic probe. | In-house method based on Guidance an Sampling and Testing of Wastes to Meet Landfill Waste Acceptance"" | L046-PL | W | NONE |
| Loss on ignition of soil @ 450oC | Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace. | In house method. | L047-PL | D | MCERTS |
| Mineral Oil (Soil) C10 - C40 | Determination of mineral oil fraction extractable hydrocarbons in soil by GC-MS/GC-FID. | In-house method with silica gel split/clean up. | L076-PL | D | NONE |
| Moisture Content | Moisture content, determined gravimetrically. (30 oC) | In house method. | L019-UK/PL | W | NONE |
| Speciated WAC-17 PAHs in soil | Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards. | In-house method based on USEPA 8270. | L064-PL | D | MCERTS |
| PCB's By GC-MS in soil | Determination of PCB by extraction with acetone and hexane followed by GC-MS. | In-house method based on USEPA 8082 | L027-PL | D | MCERTS |
| pH at 20oC in soil | Determination of pH in soil by addition of water followed by electrometric measurement. | In house method. | L005-PL | W | MCERTS |
| Stones content of soil | Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight. | In-house method based on British Standard Methods and MCERTS requirements. | L019-UK/PL | D | NONE |
| Total organic carbon (Automated) in soil | Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate. | In house method. | L009-PL | D | MCERTS |
| BTEX in soil (Monoaromatics) | Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited | In-house method based on USEPA8260 | L073B-PL | W | MCERTS |
| Total BTEX in soil (Poland) | Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited | In-house method based on USEPA8260 | L073-PL | W | MCERTS |
| Metals in leachate by ICP-OES | Determination of metals in leachate by acidification followed by ICP-OES. | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil"" | L039-PL | W | ISO 17025 |
| Chloride 10:1 WAC | Determination of Chloride colorimetrically by discrete analyser. | In house based on MEWAM Method ISBN 0117516260. | L082-PL | W | ISO 17025 |
| Fluoride 10:1 WAC | Determination of fluoride in leachate by 1:1ratio with a buffer solution followed by Ion Selective Electrode. | In-house method based on Use of Total Ionic Strength Adjustment Buffer for Electrode Determination" | L033B-PL | W | ISO 17025 |
| Sulphate 10:1 WAC | Determination of sulphate in leachate by ICP-OES | In-house method based on MEWAM 1986 Methods for the Determination of Metals in Soil"" | L039-PL | W | ISO 17025 |
| Total dissolved solids 10:1 WAC | Determination of total dissolved solids in water by EC probe using a factor of 0.6. | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L031 | W | ISO 17025 |

Analytical Report Number : 23-25612
 Project / Site name: Bristol Street Motors, Stroud

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name | Analytical Method Description | Analytical Method Reference | Method number | Wet / Dry Analysis | Accreditation Status |
|-----------------------------------|---|--|---------------|--------------------|----------------------|
| Monohydric phenols 10:1 WAC | Determination of phenols in leachate by distillation followed by colorimetry. | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L080-PL | W | ISO 17025 |
| Dissolved organic carbon 10:1 WAC | Determination of dissolved inorganic carbon in leachate by TOC/DOC NDIR Analyser. | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L037-PL | W | NONE |

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

| Acronym | Descriptions |
|---------|--|
| HS | Headspace Analysis |
| MS | Mass spectrometry |
| FID | Flame Ionisation Detector |
| GC | Gas Chromatography |
| EH | Extractable Hydrocarbons (i.e. everything extracted by the solvent(s)) |
| CU | Clean-up - e.g. by Florisil®, silica gel |
| 1D | GC - Single coil/column gas chromatography |
| 2D | GC-GC - Double coil/column gas chromatography |
| Total | Aliphatics & Aromatics |
| AL | Aliphatics |
| AR | Aromatics |
| #1 | EH_2D_Total but with humics mathematically subtracted |
| #2 | EH_2D_Total but with fatty acids mathematically subtracted |
| - | Operator - understore to separate acronyms (exception for +) |
| + | Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total |

APPENDIX 5

GAS / GROUNDWATER MONITORING RESULTS

Monitoring undertaken 11th April 2023

| Atmospheric Pressure (mb) and Trend | Temperature (°C) and Weather | BH No | Time (secs/ mins) | Concentrations (%) | | | Flow rates time (secs/mins) | Flow rates (l/hr) | Standing water level (m, bgl) | Depth and horizon of response zone (m,bgl) |
|---|------------------------------------|-------|---------------------------|--------------------|-----------------|---------------------------|-----------------------------|-------------------|-------------------------------|--|
| | | | | CH ₄ | CO ₂ | O ₂ | | | | |
| 09-04-23 1023 10-04-23 1011 11-04-23 1003 | 9° C Sunny with broken cloud | WS1 | 15s | 0.2 | 0.9 | 20.8 | 15s | 0.0 | dry | 1.0 – 2.7m |
| | | | 30s | 0.2 | 0.8 | 20.3 | 30s | 0.0 | | |
| | | | 45s | 0.2 | 0.7 | 20.3 | 45s | 0.0 | | |
| | | | 1m | 0.2 | 0.6 | 20.4 | 1m | 0.0 | | |
| | | | 2m | 0.2 | 0.5 | 20.6 | 2m | 0.0 | | |
| | | | 3m | 0.2 | 0.4 | 20.7 | 3m | 0.0 | | |
| | | | 4m | 0.2 | 0.4 | 20.8 | 4m | 0.0 | | |
| | | | 5m | 0.2 | 0.4 | 20.8 | 5m | 0.0 | | |
| | | | 6m | | | | 6m | | | |
| | | | 7m | | | | 7m | | | |
| | | | 8m | | | | 8m | | | |
| | | | 9m | | | | 9m | | | |
| | | | 10m | | | | 10m | | | |
| | | | Max Peak Steady Values | 0.2 0.9 0.4 | | Max Peak Steady Values | 0.0 | | | |
| 09-04-23 1023 10-04-23 1011 11-04-23 1003 | 9° C Sunny with broken cloud | WS5 | 15s | 0.2 | 1.2 | 18.4 | 15s | 0.0 | 1.47 | 1.0 – 1.4m |
| | | | 30s | 0.1 | 1.2 | 14.2 | 30s | 0.0 | | |
| | | | 45s | 0.1 | 1.2 | 14.5 | 45s | 0.0 | | |
| | | | 1m | 0.1 | 1.2 | 14.3 | 1m | 0.0 | | |
| | | | 2m | 0.1 | 1.1 | 15.8 | 2m | 0.0 | | |
| | | | 3m | 0.1 | 1.1 | 16.0 | 3m | 0.0 | | |
| | | | 4m | 0.1 | 1.3 | 15.5 | 4m | 0.0 | | |
| | | | 5m | 0.1 | 1.7 | 14.0 | 5m | 0.0 | | |
| | | | 6m | 0.1 | 1.8 | 13.9 | 6m | 0.0 | | |
| | | | 7m | 0.1 | 1.7 | 14.2 | 7m | 0.0 | | |
| | | | 8m | 0.1 | 1.6 | 14.7 | 8m | 0.0 | | |
| | | | 9m | 0.1 | 1.6 | 14.8 | 9m | 0.0 | | |
| | | | 10m | | | | 10m | | | |
| | | | Max Peak Steady Values | 0.2 1.8 1.6 | | Max Peak Steady Values | 0.0 | | | |

Monitoring undertaken 17th April 2023

| Atmospheric Pressure (mb) and Trend | Temperature (°C) and Weather | BH No | Time (secs/ mins) | Concentrations (%) | | | Flow rates time (secs/mins) | Flow rates (l/hr) | Standing water level (m, bgl) | Depth and horizon of response zone (m,bgl) |
|---|------------------------------|-------|-------------------|--------------------|-----------------|----------------|-----------------------------|-------------------|-------------------------------|--|
| | | | | CH ₄ | CO ₂ | O ₂ | | | | |
| 15-04-23 1023 16-04-23 1011 17-04-23 1004 | 11° C Cloudy | WS1 | 15s | 0.1 | 1.1 | 20.0 | 15s | 0.0 | DRY | 1.0 – 2.7m |
| | | | 30s | 0.1 | 0.9 | 19.6 | 30s | 0.0 | | |
| | | | 45s | 0.1 | 0.7 | 19.8 | 45s | 0.0 | | |
| | | | 1m | 0.1 | 0.6 | 20.1 | 1m | -0.0 | | |
| | | | 2m | 0.1 | 0.5 | 20.4 | 2m | -0.0 | | |
| | | | 3m | 0.1 | 0.5 | 20.4 | 3m | -0.1 | | |
| | | | 4m | 0.1 | 0.5 | 20.4 | 4m | -0.1 | | |
| | | | 5m | 0.1 | 0.5 | 20.4 | 5m | -0.1 | | |
| | | | 6m | | | | 6m | | | |
| | | | 7m | | | | 7m | | | |
| | | | 8m | | | | 8m | | | |
| | | | 9m | | | | 9m | | | |
| | | | 10m | | | | 10m | | | |
| | | | Max Peak | 0.1 | 1.1 | | Max Peak | 0.0 | | |
| | | | Steady Values | | 0.9 | | Steady Values | | | |
| 09-04-23 1023 10-04-23 1011 11-04-23 1004 | 11° C Cloudy | WS5 | 15s | 0.1 | 1.8 | 17.0 | 15s | 0.0 | 1.30 | 1.0 – 1.4m |
| | | | 30s | 0.1 | 1.7 | 13.9 | 30s | 0.0 | | |
| | | | 45s | 0.1 | 1.5 | 14.5 | 45s | 0.0 | | |
| | | | 1m | 0.1 | 1.2 | 15.7 | 1m | 0.0 | | |
| | | | 2m | 0.1 | 1.4 | 15.7 | 2m | 0.0 | | |
| | | | 3m | 0.1 | 1.5 | 15.2 | 3m | 0.0 | | |
| | | | 4m | 0.1 | 1.6 | 15.1 | 4m | 0.0 | | |
| | | | 5m | 0.1 | 1.6 | 15.1 | 5m | 0.0 | | |
| | | | 6m | | | | 6m | | | |
| | | | 7m | | | | 7m | | | |
| | | | 8m | | | | 8m | | | |
| | | | 9m | | | | 9m | | | |
| | | | 10m | | | | 10m | | | |
| | | | Max Peak | 0.1 | 1.8 | | Max Peak | 0.0 | | |
| | | | Steady Values | | 1.2 | | Steady Values | | | |

Monitoring undertaken 6th June 2023

| Atmospheric Pressure (mb) and Trend | Temperature (°C) and Weather | BH No | Time (secs/ mins) | Concentrations (%) | | | Flow rates time (secs/mins) | Flow rates (l/hr) | Standing water level (m, bgl) | Depth and horizon of response zone (m,bgl) |
|---|------------------------------|-------|-------------------|--------------------|-----------------|----------------|-----------------------------|-------------------|-------------------------------|--|
| | | | | CH ₄ | CO ₂ | O ₂ | | | | |
| 04-06-23 1023 05-06-23 1022 06-06-23 1012 | 11° C Cloudy | WS1 | 15s | 0.1 | 1.0 | 20.8 | 15s | 0.0 | DRY | 1.0 – 2.7m |
| | | | 30s | 0.1 | 0.9 | 20.7 | 30s | 0.0 | | |
| | | | 45s | 0.1 | 0.8 | 20.4 | 45s | 0.0 | | |
| | | | 1m | 0.1 | 0.6 | 20.4 | 1m | 0.0 | | |
| | | | 2m | 0.1 | 0.6 | 20.5 | 2m | 0.0 | | |
| | | | 3m | 0.0 | 0.5 | 20.6 | 3m | 0.0 | | |
| | | | 4m | 0.0 | 0.5 | 20.9 | 4m | 0.0 | | |
| | | | 5m | 0.0 | 0.5 | 20.9 | 5m | 0.0 | | |
| | | | 6m | | | | 6m | | | |
| | | | 7m | | | | 7m | | | |
| | | | 8m | | | | 8m | | | |
| | | | 9m | | | | 9m | | | |
| | | | 10m | | | | 10m | | | |
| | | | Max Peak | 0.1 | 1.0 | | Max Peak | 0.0 | | |
| | | | Steady Values | | 0.5 | | Steady Values | | | |
| 04-06-23 1023 05-06-23 1022 06-06-23 1012 | 11° C Cloudy | WS5 | 15s | 0.1 | 1.6 | 18.0 | 17.0 | 0.0 | 1.25 | 1.0 – 1.4m |
| | | | 30s | 0.1 | 1.5 | 17.8 | 13.9 | 0.0 | | |
| | | | 45s | 0.1 | 1.4 | 17.5 | 14.5 | 0.0 | | |
| | | | 1m | 0.1 | 1.1 | 17.5 | 15.7 | 0.0 | | |
| | | | 2m | 0.1 | 1.1 | 17.5 | 15.7 | 0.0 | | |
| | | | 3m | 0.1 | 1.1 | 17.3 | 15.2 | 0.0 | | |
| | | | 4m | 0.1 | 1.1 | 17.3 | 15.1 | 0.0 | | |
| | | | 5m | 0.1 | 1.1 | 17.2 | 15.1 | 0.0 | | |
| | | | 6m | | | | | | | |
| | | | 7m | | | | | | | |
| | | | 8m | | | | | | | |
| | | | 9m | | | | | | | |
| | | | 10m | | | | | | | |
| | | | Max Peak | 0.1 | 1.6 | | Max Peak | 0.0 | | |
| | | | Steady Values | | 1.1 | | Steady Values | | | |

APPENDIX 6

ENVIROCHECK REPORT

Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

MR D Wilson, Wilson Associates (Consulting) Ltd, 36
Brunswick Road, Gloucester, GL1 1JJ

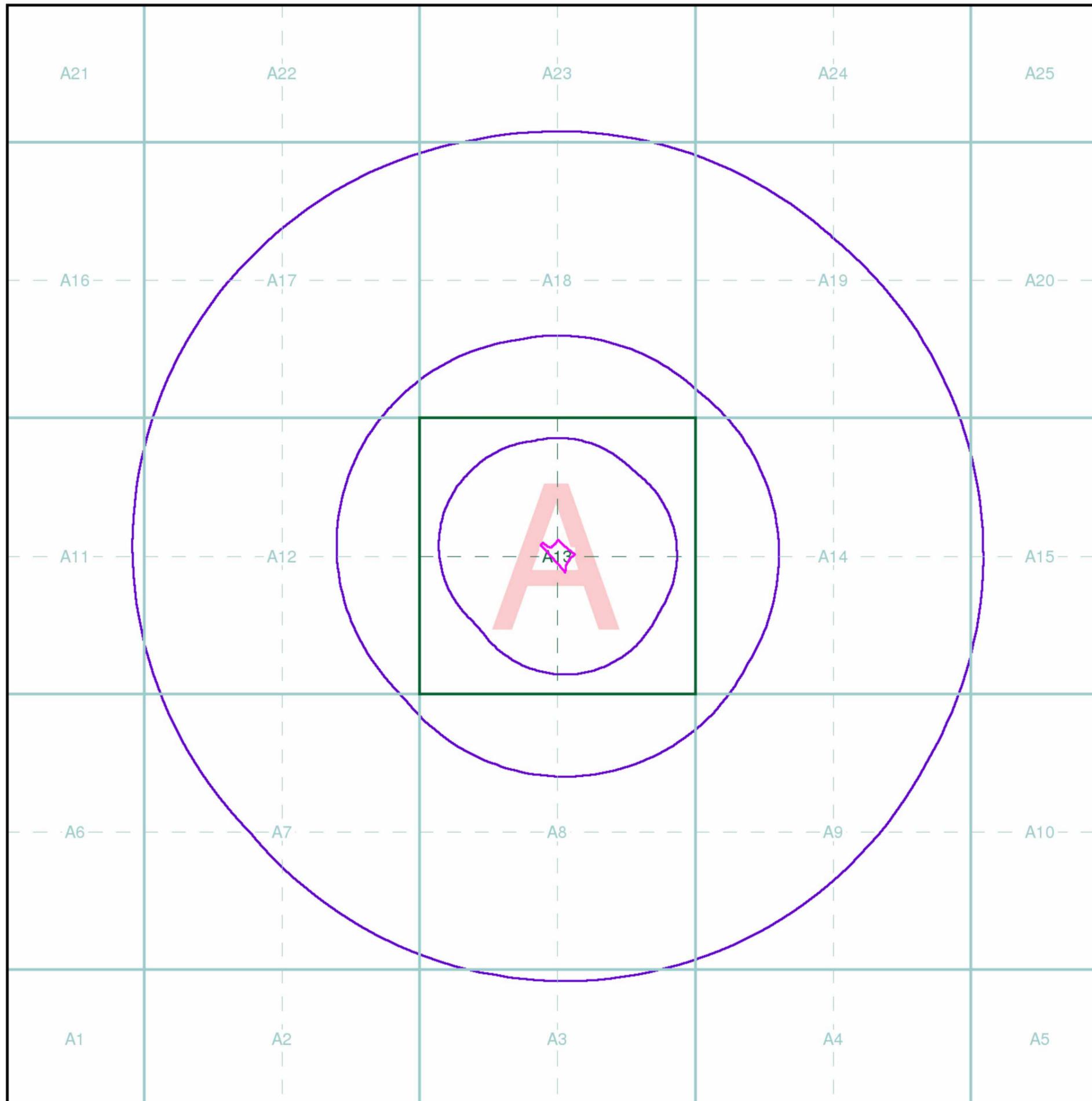
Order Details

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Customer Ref: 5125/TB
National Grid Reference: 385620, 204650
Site Area (Ha): 0.26
Search Buffer (m): 1000

Site Details

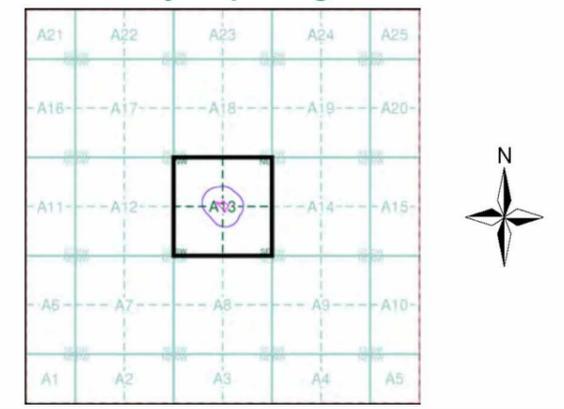
Bristol Street Ford, London Road, STROUD, GL5 2AX

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



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

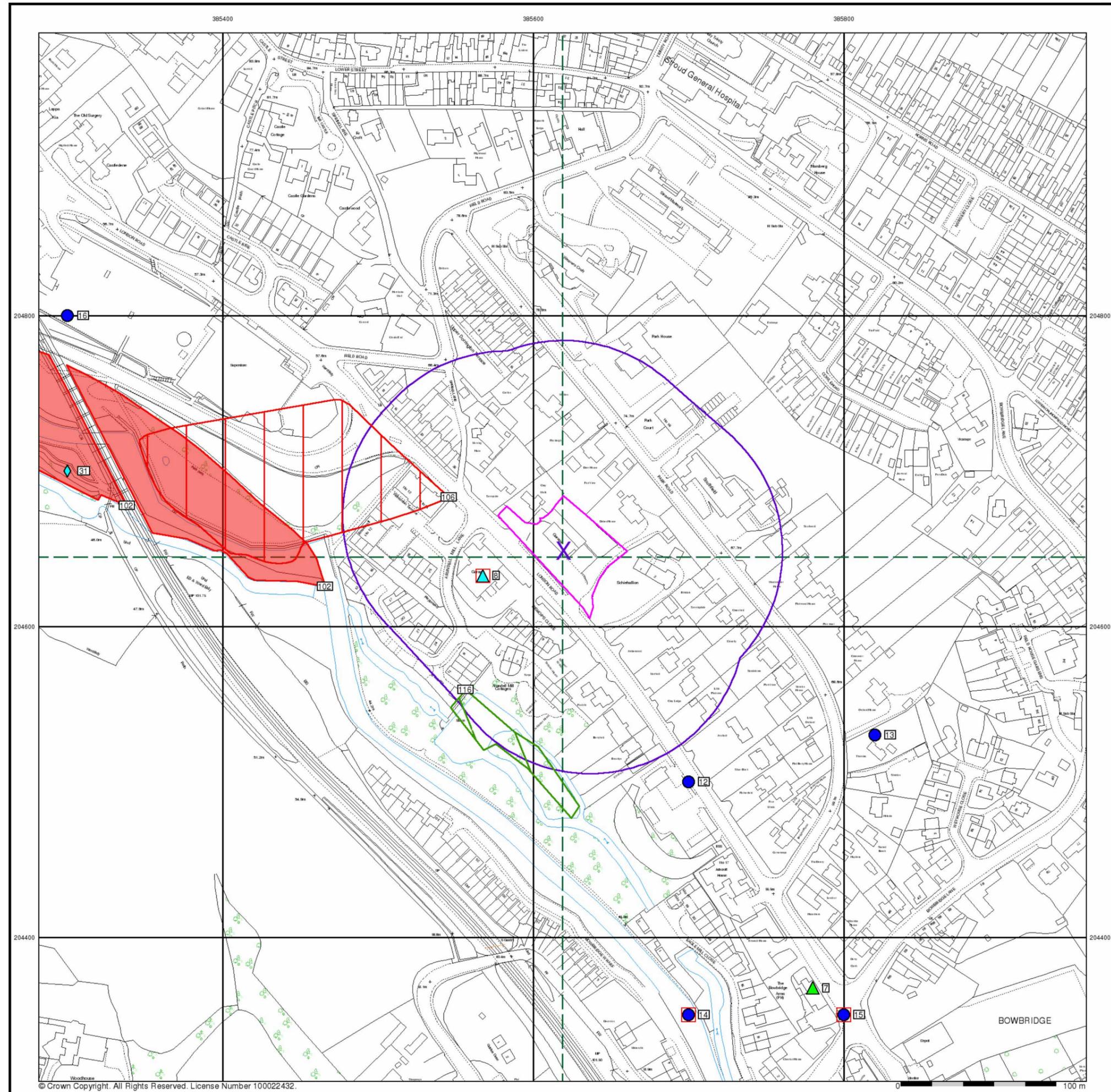
Site Sensitivity Map - Segment A13

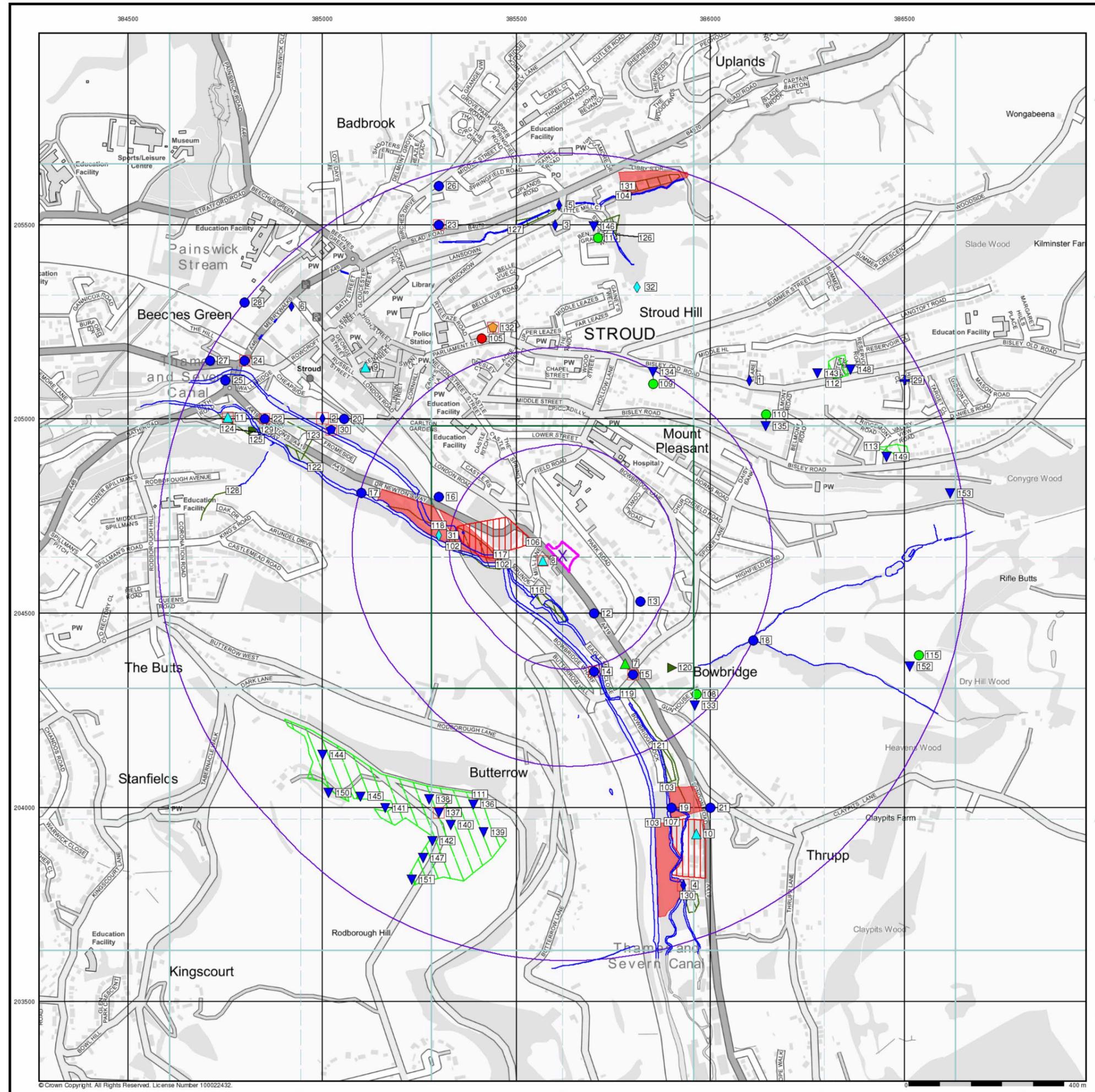


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 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Plot Buffer (m): 100

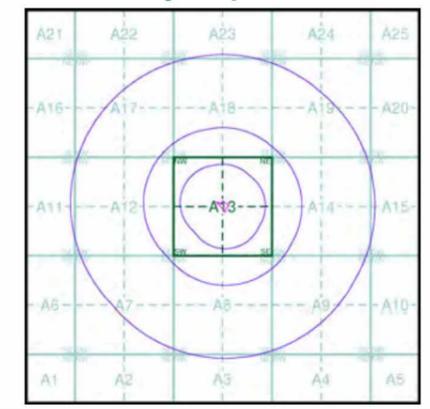
Site Details
 Bristol Street Ford, London Road, STROUD, GL5 2AX





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

Site Sensitivity Map - Slice A

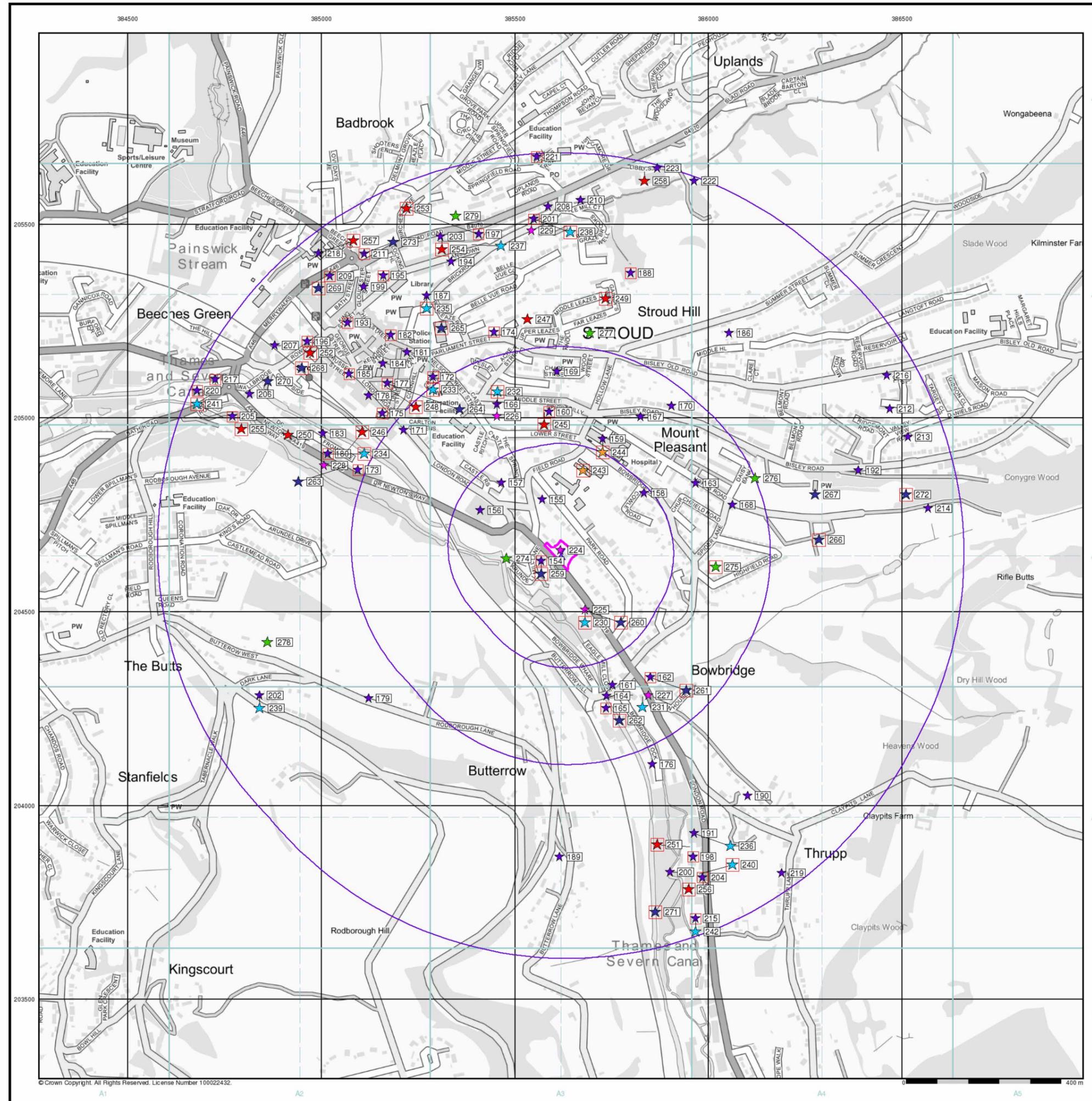


Order Details

Order Number: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details
 Bristol Street Ford, London Road, STROUD, GL5 2AX



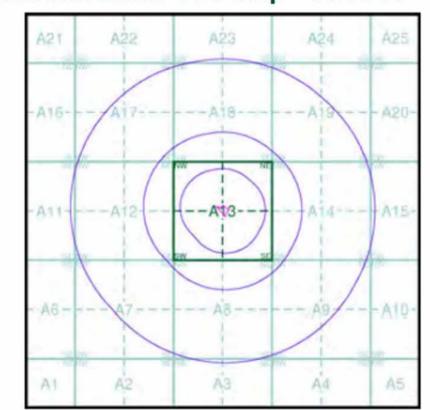


Industrial Land Use Map

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

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

Industrial Land Use Map - Slice A



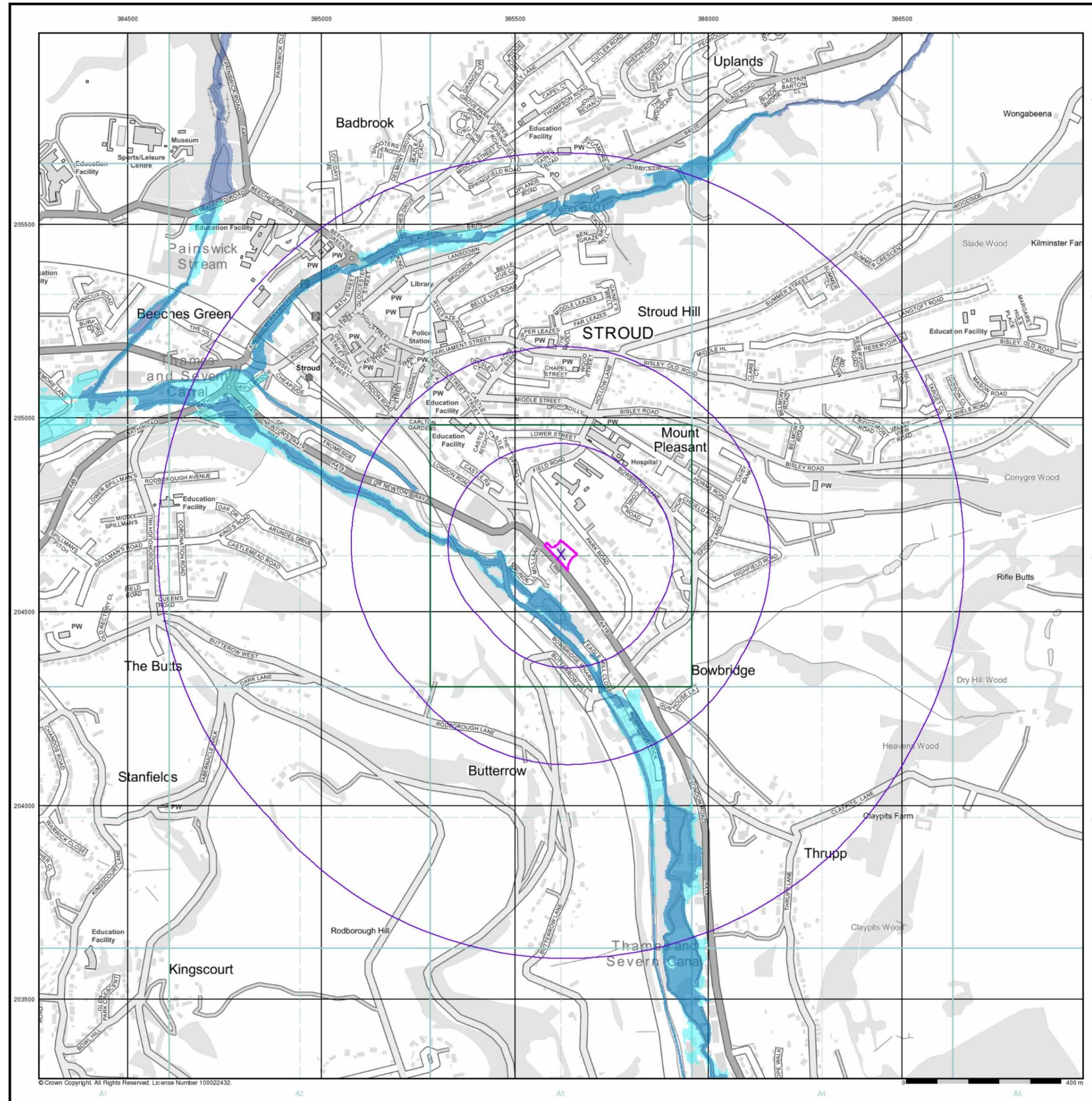
Order Details

Order Number: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





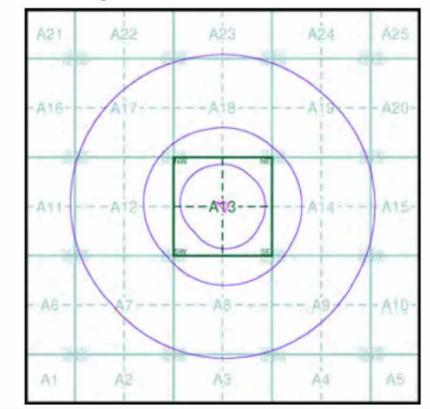
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A



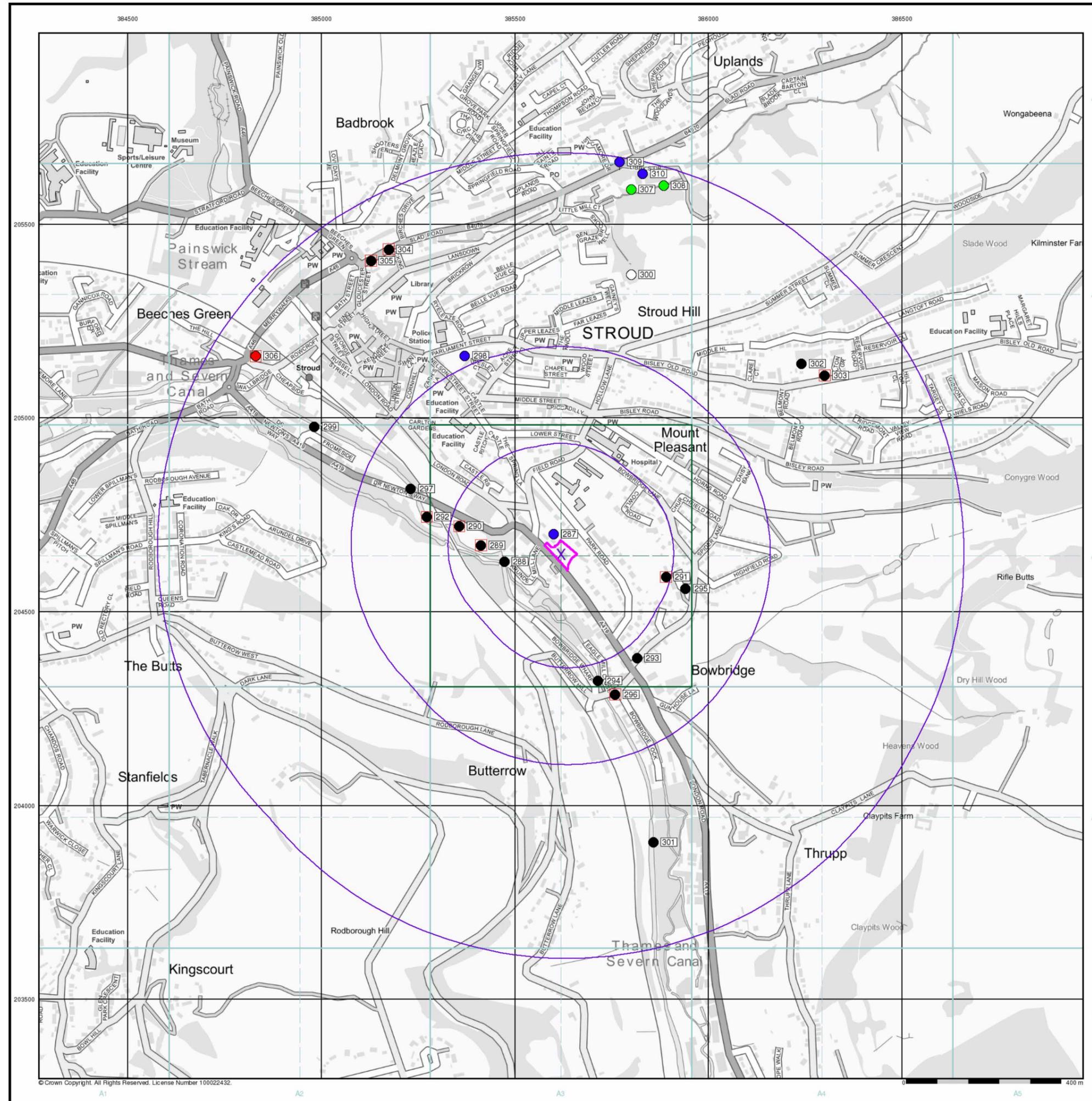
Order Details

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 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





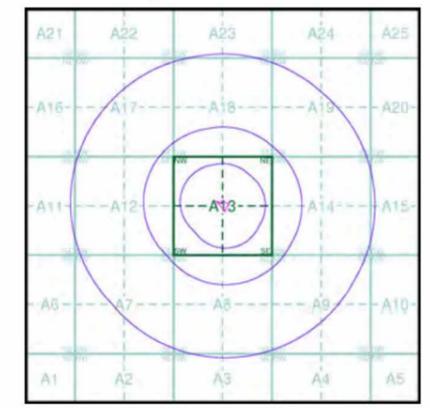
- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location

- Agency and Hydrological (Boreholes)**
- BGS Borehole Depth 0 - 10m
 - BGS Borehole Depth 10 - 30m
 - BGS Borehole Depth 30m +
 - Confidential
 - Other

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

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

Borehole Map - Slice A

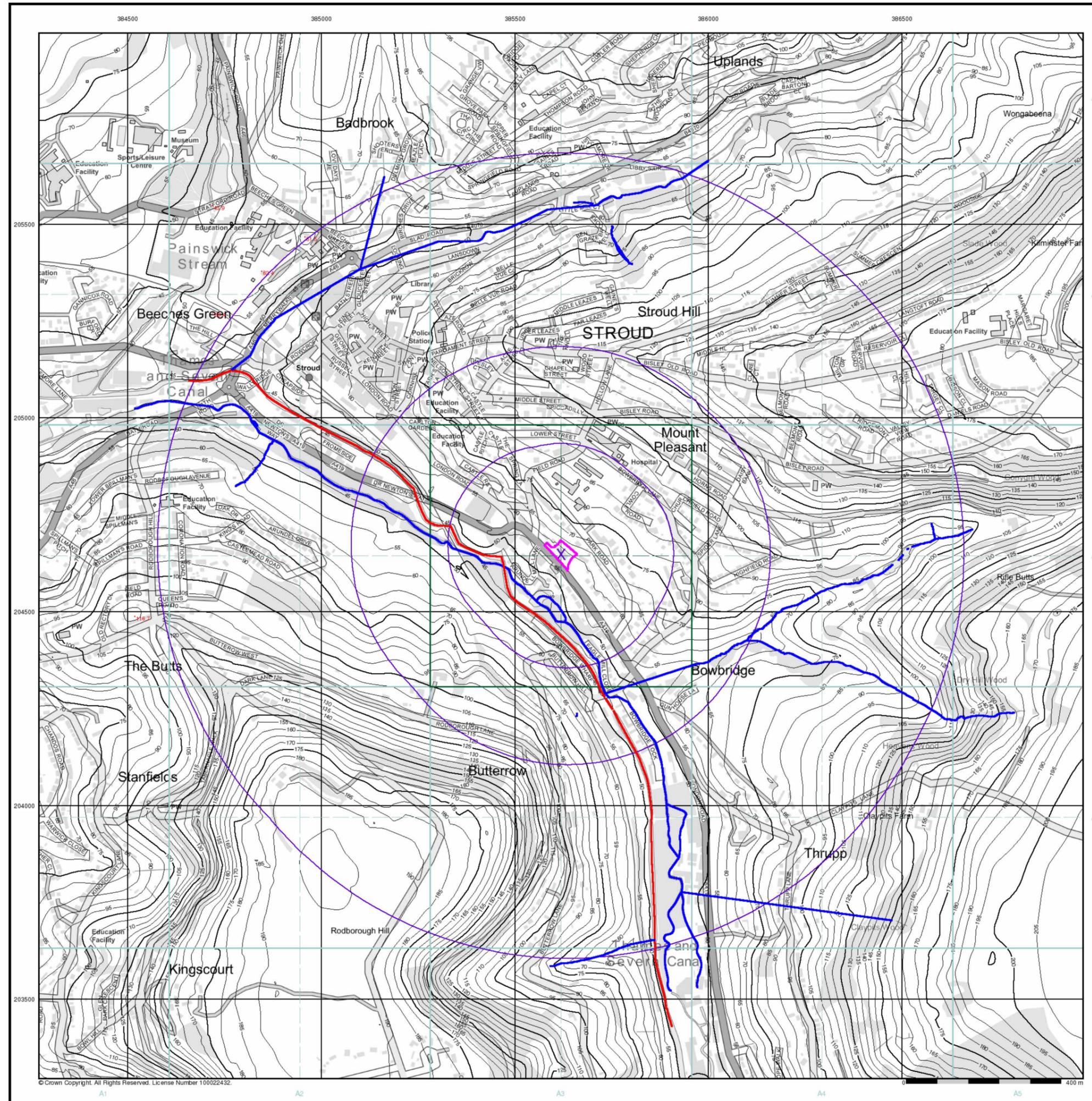


Order Details

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 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details
 Bristol Street Ford, London Road, STROUD, GL5 2AX





General

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

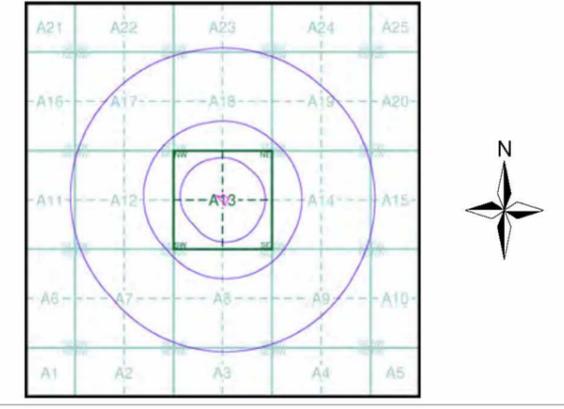
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



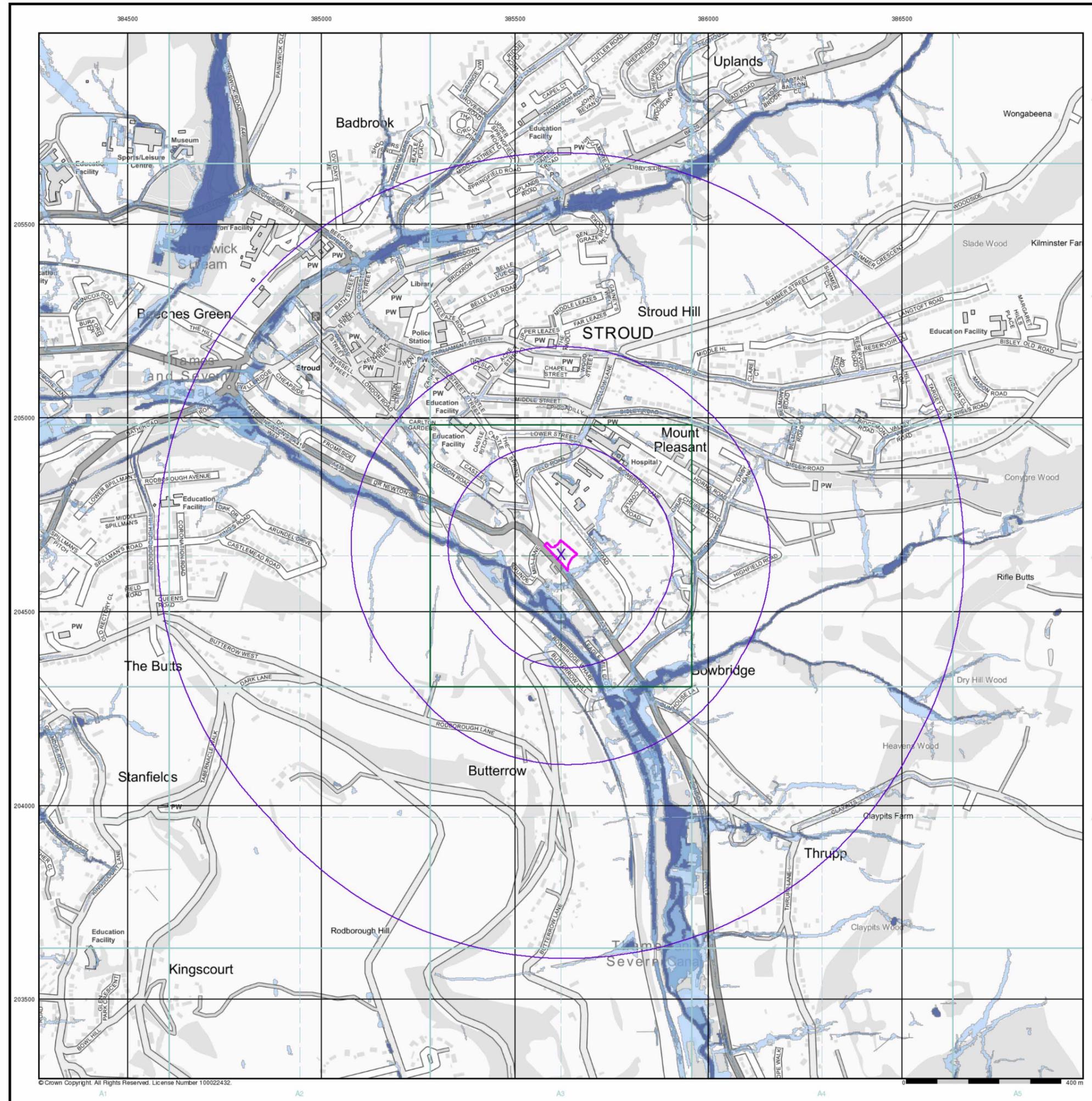
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 Customer Ref: 5125/TB
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Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX



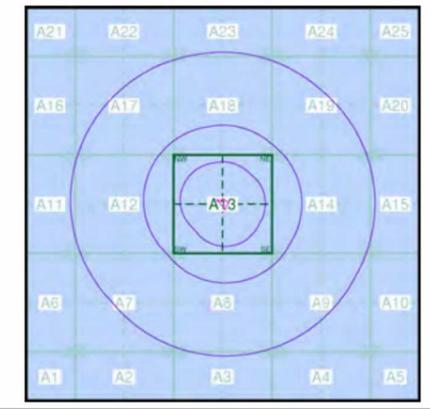


- General**
- Specified Site
 - Specified Buffer(s)
 - ✕ Bearing Reference Point

- Risk of Flooding from Surface Water**
- High - 30 Year Return
 - Medium - 100 Year Return
 - Low - 1000 Year Return

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

EANRW Suitability Map - Slice A



Order Details

Order Number: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details
 Bristol Street Ford, London Road, STROUD, GL5 2AX



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

310243174_1_1

Customer Reference:

5125/TB

National Grid Reference:

385620, 204650

Slice:

A

Site Area (Ha):

0.26

Search Buffer (m):

1000

Site Details:

Bristol Street Ford, London Road

STROUD

GL5 2AX

Client Details:

Wilson Associates (Consulting) Ltd

36 Brunswick Road

Gloucester

GL1 1JJ

| Report Section | Page Number |
|-----------------------|-------------|
| Summary | - |
| Agency & Hydrological | 1 |
| Waste | 25 |
| Hazardous Substances | - |
| Geological | 29 |
| Industrial Land Use | 35 |
| Sensitive Land Use | 58 |
| Data Currency | 59 |
| Data Suppliers | 65 |
| Useful Contacts | 66 |

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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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 | Yes | n/a |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 2 | | | | 10 |
| Prosecutions Relating to Controlled Waters | | | n/a | n/a | n/a |
| Enforcement and Prohibition Notices | | | | | |
| Integrated Pollution Controls | pg 4 | | | 1 | |
| Integrated Pollution Prevention And Control | | | | | |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | pg 5 | | 2 | | 4 |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | pg 5 | | Yes | | |
| Pollution Incidents to Controlled Waters | pg 6 | | 2 | 7 | 14 |
| Prosecutions Relating to Authorised Processes | | | | | |
| Registered Radioactive Substances | | | | | |
| River Quality | pg 10 | | 1 | 1 | 1 |
| River Quality Biology Sampling Points | pg 11 | | | | 1 |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | pg 11 | | | | 2 |
| Water Abstractions | pg 11 | | | 1 | 1 (*18) |
| Water Industry Act Referrals | | | | | |
| Groundwater Vulnerability Map | pg 16 | Yes | n/a | n/a | n/a |
| Groundwater Vulnerability - Soluble Rock Risk | pg 16 | 1 | n/a | n/a | n/a |
| Groundwater Vulnerability - Local Information | | | n/a | n/a | n/a |
| Bedrock Aquifer Designations | pg 16 | Yes | n/a | n/a | n/a |
| Superficial Aquifer Designations | pg 16 | Yes | n/a | n/a | n/a |
| Source Protection Zones | | | | | |
| Extreme Flooding from Rivers or Sea without Defences | pg 17 | | Yes | n/a | n/a |
| Flooding from Rivers or Sea without Defences | pg 17 | | Yes | n/a | n/a |
| Areas Benefiting from Flood Defences | | | | n/a | n/a |
| Flood Water Storage Areas | | | | n/a | n/a |
| Flood Defences | | | | n/a | n/a |
| OS Water Network Lines | pg 17 | | 8 | 12 | 49 |

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|-------------|---------|-----------|-------------|-----------------------------|
| Waste | | | | | |
| BGS Recorded Landfill Sites | | | | | |
| Historical Landfill Sites | pg 25 | | 1 | | 2 |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste Management Facilities (Landfill Boundaries) | | | | | |
| Licensed Waste Management Facilities (Locations) | pg 25 | | | | 1 |
| Local Authority Landfill Coverage | pg 25 | 2 | n/a | n/a | n/a |
| Local Authority Recorded Landfill Sites | pg 26 | | 1 | | 1 |
| Potentially Infilled Land (Non-Water) | pg 26 | | | 2 | 6 |
| Potentially Infilled Land (Water) | pg 26 | | 2 | 3 | 11 |
| Registered Landfill Sites | | | | | |
| Registered Waste Transfer Sites | | | | | |
| Registered Waste Treatment or Disposal Sites | pg 27 | | | | 2 |
| 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 29 | Yes | n/a | n/a | n/a |
| BGS Estimated Soil Chemistry | pg 29 | Yes | Yes | | Yes |
| BGS Recorded Mineral Sites | pg 29 | | | 2 | 20 |
| 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 | pg 33 | | | | 1 |
| Non Coal Mining Areas of Great Britain | | | | n/a | n/a |
| Potential for Collapsible Ground Stability Hazards | pg 33 | | Yes | n/a | n/a |
| Potential for Compressible Ground Stability Hazards | pg 33 | | Yes | n/a | n/a |
| Potential for Ground Dissolution Stability Hazards | pg 34 | | Yes | n/a | n/a |
| Potential for Landslide Ground Stability Hazards | pg 34 | Yes | Yes | n/a | n/a |
| Potential for Running Sand Ground Stability Hazards | pg 34 | | Yes | n/a | n/a |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 34 | | Yes | n/a | n/a |
| Radon Potential - Radon Affected Areas | pg 34 | Yes | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | | | n/a | n/a | n/a |
| Industrial Land Use | | | | | |
| Contemporary Trade Directory Entries | pg 35 | 1 | 7 | 18 | 109 |
| Fuel Station Entries | pg 46 | 1 | 1 | 2 | 2 |
| Points of Interest - Commercial Services | pg 47 | | 3 | 3 | 31 |
| Points of Interest - Education and Health | pg 50 | | 2 | 3 | |
| Points of Interest - Manufacturing and Production | pg 50 | | | 2 | 40 |
| Points of Interest - Public Infrastructure | pg 54 | 2 | 7 | 4 | 18 |
| Points of Interest - Recreational and Environmental | pg 56 | | 1 | 3 | 3 |
| 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 | | | | | |
| Areas of Unadopted Green Belt | | | | | |
| Areas of Outstanding Natural Beauty | pg 58 | | 1 | | |
| Environmentally Sensitive Areas | pg 58 | | 1 | | |
| Forest Parks | | | | | |
| Local Nature Reserves | pg 58 | | | 1 | |
| Marine Nature Reserves | | | | | |
| National Nature Reserves | | | | | |
| National Parks | | | | | |
| Nitrate Sensitive Areas | | | | | |
| Nitrate Vulnerable Zones | pg 58 | 2 | | | |
| Ramsar Sites | | | | | |
| Sites of Special Scientific Interest | pg 58 | | | | 1 |
| Special Areas of Conservation | pg 58 | | | | 1 |
| Special Protection Areas | | | | | |
| World Heritage Sites | | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NE (W) | 0 | 1 | 385620 204649 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SW (S) | 32 | 1 | 385600 204600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (W) | 35 | 1 | 385550 204649 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (S) | 67 | 1 | 385600 204550 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A13SW (SW) | 69 | 1 | 385550 204600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SE (S) | 106 | 1 | 385620 204500 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SW (S) | 112 | 1 | 385600 204500 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (W) | 128 | 1 | 385450 204650 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SW (SW) | 137 | 1 | 385550 204500 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (W) | 146 | 1 | 385450 204600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (SW) | 176 | 1 | 385450 204550 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A13NW (W) | 178 | 1 | 385400 204650 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (W) | 179 | 1 | 385400 204649 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (W) | 180 | 1 | 385400 204700 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (W) | 191 | 1 | 385400 204600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13NW (NW) | 194 | 1 | 385400 204750 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SW (SW) | 210 | 1 | 385450 204500 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (W) | 239 | 1 | 385350 204600 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (W) | 278 | 1 | 385300 204649 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (W) | 303 | 1 | 385300 204550 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13NW (NW) | 306 | 1 | 385300 204800 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A18SE (N) | 316 | 1 | 385620 205000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A13SW (SW) | 326 | 1 | 385300 204500 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SE (SE) | 333 | 1 | 385850 204350 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SW (SW) | 355 | 1 | 385300 204450 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A12NE (NW) | 373 | 1 | 385250 204850 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A13SE (SE) | 375 | 1 | 385950 204400 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12NE (NW) | 418 | 1 | 385200 204850 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A12SE (SW) | 438 | 1 | 385200 204450 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur | A14SW (SE) | 438 | 1 | 386050 204450 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12SE (SW) | 482 | 1 | 385150 204450 |
| | BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12NE (NW) | 485 | 1 | 385150 204900 |
| 1 | Discharge Consents Operator: ██████████ Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Slad Farm, 85 Summer Street, Stroud, Gloucestershire Authority: Environment Agency, Midlands Region Catchment Area: Frome Catchment Reference: Wq/72/2429 Permit Version: 1 Effective Date: 28th March 1979 Issued Date: 28th March 1979 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Underground Strata Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m | A19SW (NE) | 631 | 2 | 386100 205100 |
| 2 | Discharge Consents Operator: Severn Trent Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Beard'S Lane Cso Stroud, ., ., Gloucestershire, GL5 4hn Authority: Environment Agency, Midlands Region Catchment Area: Frome Catchment Reference: S/22/04828/O Permit Version: 1 Effective Date: 4th March 1963 Issued Date: 4th March 1963 Revocation Date: 15th July 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Frome Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m | A17SE (NW) | 665 | 2 | 385000 205001 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 2 | <p>Discharge Consents</p> <p>Operator: Stroud Brewery Co Ltd Property Type: Undefined Or Other Location: Salmon Spring Brewery, Stroud, Gloucestershire Authority: Environment Agency, Midlands Region Catchment Area: Frome Catchment Reference: S1/1 Permit Version: 1 Effective Date: 30th July 1952 Issued Date: 30th July 1952 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Painswick Stream Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Approximate location provided by supplier</p> | A17SE (NW) | 665 | 2 | 385000 205000 |
| 2 | <p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Bath Road, Stroud, Stroud Authority: Environment Agency, Midlands Region Catchment Area: Frome Catchment Reference: S/22/04978/O Permit Version: 1 Effective Date: 8th March 1965 Issued Date: 8th March 1965 Revocation Date: 19th March 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Frome Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p> | A17SE (NW) | 666 | 2 | 385000 205002 |
| 3 | <p>Discharge Consents</p> <p>Operator: Stroud Creamery Ltd Property Type: Not Given Location: Lansdown , STROUD , Gloucestershire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: S/22/07515/T/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 28th February 1978 Revocation Date: Not Supplied Discharge Type: Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Painswick Stream Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p> | A18NW (N) | 817 | 2 | 385600 205500 |
| 4 | <p>Discharge Consents</p> <p>Operator: D M Foundries Limited Property Type: Undefined Or Other Location: Stafford Mill London Road, Thrupp, Stroud, Gloucestershire, G15 2az Authority: Environment Agency, Midlands Region Catchment Area: Frome Catchment Reference: S/22/25090/T Permit Version: 1 Effective Date: 27th March 1997 Issued Date: 27th March 1997 Revocation Date: 22nd May 2020 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Frome Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p> | A8SE (S) | 858 | 2 | 385930 203800 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 4 | <p>Discharge Consents</p> <p>Operator: D M Foundries Ltd Property Type: Not Given Location: Stafford Mill, London Road, THRUPP Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: S/22/20899/T/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 15th November 1991 Revocation Date: Not Supplied Discharge Type: Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Frome Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p> | A8SE (S) | 858 | 2 | 385930 203800 |
| 4 | <p>Discharge Consents</p> <p>Operator: D M Foundries Ltd Property Type: Iron & Steel Industries Location: D M Foundries Limited, Stafford Mill, London Road;Thrupp, Stroud Authority: Environment Agency, Midlands Region Catchment Area: Frome Catchment Reference: CS/22/25090/T/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 27th March 1997 Revocation Date: Not Supplied Discharge Type: Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Frome Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p> | A8SE (S) | 864 | 2 | 385935 203795 |
| 5 | <p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Severn Trent Water Ltd, Merry Walks So, Merry Walks Authority: Environment Agency, Midlands Region Catchment Area: Frome Catchment Reference: S/22/20971/O Permit Version: 1 Effective Date: 20th December 1991 Issued Date: 20th December 1991 Revocation Date: 1st October 1996 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Slad Brook Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m</p> | A18NW (N) | 866 | 2 | 385610 205550 |
| 6 | <p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Merrywalks Cso Car Park At Rowcroft House, Merrywalks, Stroud, Gloucestershire Authority: Environment Agency, Midlands Region Catchment Area: Frome Catchment Reference: S/22/25521/O Permit Version: 1 Effective Date: 8th December 1999 Issued Date: 8th December 1999 Revocation Date: 14th January 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Slad Brook Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p> | A17SW (NW) | 903 | 2 | 384920 205290 |
| 7 | <p>Integrated Pollution Controls</p> <p>Name: Nu-Pro Surface Treatments Ltd Location: London Road, Thrupp, Stroud, Gloucestershire, GL5 2AY Authority: Environment Agency, Midlands Region Permit Reference: AU7745 Dated: 27th March 1997 Process Type: IPC new application Description: 4.5 A (G) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address</p> | A13SE (SE) | 280 | 2 | 385780 204366 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 8 | <p>Local Authority Pollution Prevention and Controls</p> <p>Name: Bristol Street Ford Location: London Road, STROUD, Gloucestershire, GL5 2AX Authority: Stroud District Council, Environmental Health Department Permit Reference: Lappc/42 Dated: 17th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address</p> | A13SW (W) | 35 | 3 | 385568 204631 |
| 8 | <p>Local Authority Pollution Prevention and Controls</p> <p>Name: Snax 24 Ltd Location: London Road, STROUD, Gloucestershire, GL5 2AX Authority: Stroud District Council, Environmental Health Department Permit Reference: Lappc/38 Dated: 24th August 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address</p> | A13SW (W) | 35 | 3 | 385568 204631 |
| 9 | <p>Local Authority Pollution Prevention and Controls</p> <p>Name: Johnson The Cleaners Location: 6 Kendrick Street, Stroud, GL5 1aa Authority: Stroud District Council, Environmental Health Department Permit Reference: LAPPC/85 Dated: 1st November 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location</p> | A17SE (NW) | 654 | 3 | 385111 205130 |
| 10 | <p>Local Authority Pollution Prevention and Controls</p> <p>Name: D M Foundries Ltd Location: Stafford Mill, London Road, Thrupp, STROUD, Gloucestershire, GL5 2AZ Authority: Stroud District Council, Environmental Health Department Permit Reference: Lappc/9 Dated: 30th March 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG2/4 Iron, steel and non-ferrous metal foundry processes Status: Permitted Positional Accuracy: Manually positioned to the address or location</p> | A9SW (SE) | 753 | 3 | 385964 203928 |
| 11 | <p>Local Authority Pollution Prevention and Controls</p> <p>Name: Roadspeed Location: Units 5-6 Wallbridge Industrial Estate, WALLBRIDGE, Shropshire, GL5 3JU Authority: Stroud District Council, Environmental Health Department Permit Reference: Lappc/73 Dated: 1st February 2004 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location</p> | A17SW (W) | 885 | 3 | 384756 205000 |
| 11 | <p>Local Authority Pollution Prevention and Controls</p> <p>Name: Stroud Tyre Co Ltd Location: Unit 5-6 Wallbridge Industrial Estate, Bath Road, WALLBRIDGE, Shropshire, GL5 3JU Authority: Stroud District Council, Environmental Health Department Permit Reference: Lappc/72 Dated: 1st February 2004 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location</p> | A17SW (W) | 887 | 3 | 384754 205002 |
| | <p>Nearest Surface Water Feature</p> | A13SW (SW) | 81 | - | 385567 204556 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 12 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Domestic/Residential Location: 4 Great Orchard, London Road, STROUD Authority: Environment Agency, Midlands Region Pollutant: Oils - Waste Oil Note: Frome; Car Oil From Neighbour To Complainants Property; Wildlife Effected; Amenity Effected; Other Adverse Effects Incident Date: 9th April 1998 Incident Reference: 2603321 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A13SE (SE) | 124 | 2 | 385700 204500 |
| 13 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Surface Water Outfall Location: Location Details Not Specified Authority: Environment Agency, Midlands Region Pollutant: Storm Sewage Note: Wildlife Affected; Amenity Affected; Other Adverse Effects Incident Date: 13th June 1996 Incident Reference: 2601563 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A13SE (SE) | 199 | 2 | 385820 204530 |
| 14 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Other Location: Location Description Not Available Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Natural Note: Fish Killed Incident Date: 17th October 1995 Incident Reference: 1600314 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Weather Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A13SE (S) | 264 | 2 | 385700 204350 |
| 14 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: Location Details Not Specified Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Wildlife Affected; Amenity Affected Incident Date: 6th February 1997 Incident Reference: 2601972 Catchment Area: Severn Catchment : Fome Receiving Water: Canal Cause of Incident: Ineffective Pumping Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A13SE (S) | 291 | 2 | 385730 204330 |
| 15 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: Housing Development, BOWBRIDGE Authority: Environment Agency, Midlands Region Pollutant: Rubble/Litter Or Solids Note: Amenity Affected; Other Adverse Effects; Frome; Rubble/Litter Pushed To River From Road Wall Collapse Incident Date: 29th May 1997 Incident Reference: 2602451 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A13SE (SE) | 304 | 2 | 385800 204350 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 15 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: Location Details Not Specified Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Wildlife Affected; Amenity Affected; Other Adverse Effects Incident Date: 16th January 1997 Incident Reference: 2602069 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: In River Works Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A13SE (SE) | 308 | 2 | 385800 204345 |
| 15 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: Vet Surgery, Bow Bridge Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Amenity Affected; Bank To Bank Cement Colour 20 Yds Wide Incident Date: 30th June 1998 Incident Reference: 2603572 Catchment Area: Severn Catchment : Fome Receiving Water: Canal Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A13SE (SE) | 311 | 2 | 385805 204345 |
| 16 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road (Road Traffic Accident) Location: Location Details Not Specified Authority: Environment Agency, Midlands Region Pollutant: Oils - Petrol Note: Wildlife Affected; Public Health Risk; Amenity Affected; Other Adverse Effects Incident Date: 15th July 1996 Incident Reference: 2601619 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A13NW (NW) | 306 | 2 | 385300 204800 |
| 17 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Other Location: Location Description Not Available Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Natural Note: Amenity Affected Incident Date: 5th December 1995 Incident Reference: 2600306 Catchment Area: Severn Catchment : Fome Receiving Water: Pond/Lake Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A12NE (W) | 497 | 2 | 385100 204810 |
| 18 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Construction Location: Location Details Not Specified Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Wildlife Affected; Amenity Affected; Other Adverse Effects Incident Date: 5th February 1997 Incident Reference: 2601979 Catchment Area: Severn Catchment : Fome Receiving Water: Canal Cause of Incident: In River Works Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A14SW (SE) | 501 | 2 | 386110 204430 |
| 19 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Opposite Howard Tenens, Thrupp Phoenix Trading Estate, London Road Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Colour Note: Amenity Affected; Pinkish White Fluid About 3 Foot Spread Incident Date: 25th September 1998 Incident Reference: 2603874 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A8NE (SE) | 661 | 2 | 385900 204000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 20 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Canal Rowcroft By Bell Pub, STROUD Authority: Environment Agency, Midlands Region Pollutant: Rubble/Litter Or Solids Note: Wall At Builders Fallen To Canal Mud Etc In Water; Amenity Effected Incident Date: 4th February 1998 Incident Reference: 2603081 Catchment Area: Severn Catchment : Fome Receiving Water: Canal Cause of Incident: Weather Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A17SE (NW) | 664 | 2 | 385001 205001 |
| 21 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Ham House Ham Mill Lne London , Road Thrupp Authority: Environment Agency, Midlands Region Pollutant: Storm Sewage Note: Garden Sewage To Watercourse After Rai Incident Date: 30th May 1999 Incident Reference: 2604606 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A9NW (SE) | 707 | 2 | 386000 204000 |
| 22 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Engineering Location: Wallbridge Area Authority: Environment Agency, Midlands Region Pollutant: Rubble/Litter Or Solids Note: Drums On And In Canal One Blue One Marked Poison Incident Date: 1st February 1999 Incident Reference: 2604199 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A17SW (NW) | 798 | 2 | 384851 205001 |
| 22 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: Location Description Not Available Authority: Environment Agency, Midlands Region Pollutant: Oils - Other Fuel Oil Note: Amenity Affected Incident Date: 11th December 1995 Incident Reference: 2600328 Catchment Area: Severn Catchment : Lower Severn (Below Tewkesbury) Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A12NW (W) | 801 | 2 | 384830 204960 |
| 23 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Other Location: George Street, STROUD Authority: Environment Agency, Midlands Region Pollutant: Organic Wastes: Other Note: Public Water Affected; Amenity Affected; Other Affected; 2 Pints Blood To Drains Incident Date: 23rd May 1998 Incident Reference: 2603462 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A18NW (N) | 866 | 2 | 385300 205495 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 23 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Other Location: George Street, STROUD Authority: Environment Agency, Midlands Region Pollutant: Organic Wastes: Other Note: Public Water Affected; Amenity Affected; Other Affected; 2 Pints Blood To Drains Incident Date: 23rd May 1998 Incident Reference: 2602850 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A18NW (N) | 870 | 2 | 385300 205500 |
| 24 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Oil Industry (Not Garages) Location: Rear Sev Tr Depot , Wallbridge, STROUD Authority: Environment Agency, Midlands Region Pollutant: Rubble/Litter Or Solids Note: Public Water Affected; Amenity Affected; Other Affected; 45 Gallon Drum Half Full Something Dir W Force Action Incident Date: 6th August 1998 Incident Reference: 2603705 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A17SW (NW) | 913 | 2 | 384800 205150 |
| 24 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Pumping Station Location: Wallbridge Stroud Authority: Environment Agency, Midlands Region Pollutant: Storm Sewage Note: P St Ov/fl To Frome Incident Date: 19th January 1999 Incident Reference: 2604167 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A17SW (NW) | 940 | 2 | 384800 205200 |
| 25 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Other Location: Wharbridge Lock Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Unknown Note: Stroud Canal; Few Dead Fish; Fish Effected Incident Date: 15th May 1998 Incident Reference: 2603412 Catchment Area: Severn Catchment : Fome Receiving Water: Canal Cause of Incident: Low Dissolved Oxygen Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A17SW (NW) | 932 | 2 | 384750 205100 |
| 26 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Other Location: Streamside Development, Slad Road, STROUD, Gloucestershire, GL5 Authority: Environment Agency, Midlands Region Pollutant: Rubble/Litter Or Solids Note: Slad Brook; Oil Drums / Trolleys / Green Waste Etc To Brook Etc; Public Health Risk; Incident Date: 29th July 1999 Incident Reference: 2604820 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier</p> | A18NW (N) | 966 | 2 | 385300 205600 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 27 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Location Description Not Available Authority: Environment Agency, Midlands Region Pollutant: Storm Sewage Note: No Adverse Effect Incident Date: 22nd December 1995 Incident Reference: 2600310 Catchment Area: Severn Catchment : Fome Receiving Water: Canal Cause of Incident: Weather Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A17SW (NW) | 991 | 2 | 384710 205150 |
| 28 | <p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Engineering Location: Painswick Stream, Between Tesco And, Cainscross Road, STROUD Authority: Environment Agency, Midlands Region Pollutant: Oils - Diesel (Including Agricultural) Note: Wildlife Affected; Amenity Affected; Other Adverse Effects; Painswick Stream; Oil/Diesel On Stream Gunge Incident Date: 28th May 1997 Incident Reference: 2602446 Catchment Area: Severn Catchment : Fome Receiving Water: Watercourse Cause of Incident: Overfilling During Delivery Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p> | A17SW (NW) | 1000 | 2 | 384800 205300 |
| | <p>River Quality</p> <p>Name: Frome R GQA Grade: River Quality A Reach: Fb At Duntisbourne Common To Slad Bk Estimated Distance (km): 16.8 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000</p> | A13SW (SW) | 99 | 2 | 385547 204550 |
| | <p>River Quality</p> <p>Name: Slad Bk GQA Grade: River Quality A Reach: Above Uplands To Stroudwater Canal Estimated Distance (km): 2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p> | A12NE (NW) | 415 | 2 | 385276 204957 |
| | <p>River Quality</p> <p>Name: Frome R GQA Grade: River Quality B Reach: Conf. With Slad Bk To Ryford Estimated Distance (km): 3.5 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000</p> | A17SW (NW) | 844 | 2 | 384800 205000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 29 | <p>River Quality Biology Sampling Points</p> <p>Name: Slad Brook Reach: Above Uplands To Stroudwater Canal Estimated Distance: 2.00 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade Not Supplied 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 B - Good Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2006 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2007 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2008 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good</p> | A19SE (NE) | 954 | 2 | 386500 205100 |
| 30 | <p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - Midlands Region, West Area Incident Date: 4th December 2005 Incident Reference: 364020 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage</p> | A12NE (NW) | 631 | 2 | 385023 204972 |
| 30 | <p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - Midlands Region, West Area Incident Date: 15th March 2019 Incident Reference: 1687201 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Other Oil Or Fuel</p> | A12NE (NW) | 655 | 2 | 384996 204973 |
| 31 | <p>Water Abstractions</p> <p>Operator: Bourne Estates Ltd Licence Number: 18/54/22/00641 Permit Version: Not Supplied Location: Capels Mill, STROUD Authority: Environment Agency, Midlands Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 14 Yearly Rate (m3): 1364 Details: River Frome 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</p> | A13NW (W) | 279 | 2 | 385300 204700 |
| 32 | <p>Water Abstractions</p> <p>Operator: ██████████ Licence Number: 18/54/22/0183 Permit Version: 1 Location: Gainey's Well Authority: Environment Agency, Midlands Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Gainey'S Well, Stroud Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 4th March 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A18NE (N) | 684 | 2 | 385810 205340 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | <p>Water Abstractions</p> <p>Operator: Milliken Woollen Speciality Products Licence Number: 18/54/22/0004 Permit Version: 101 Location: Lodgemore Mills, Stroud, Gloucestershire - River Frome Authority: Environment Agency, Midlands 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: Lodgemore Mills, Stroud, Gloucestershire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 16th October 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A16SE (W) | 1223 | 2 | 384400 205000 |
| | <p>Water Abstractions</p> <p>Operator: Carpets Of Worth Licence Number: 18/54/22/0079 Permit Version: 100 Location: Ham Mills, Thrupp, Stroud, Gloucestershire - River Frome Authority: Environment Agency, Midlands 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: Company'S Factory At Ham Mills, Stroud, Gloucestershire Authorised Start: 01 October Authorised End: 30 April Permit Start Date: 26th February 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p> | A4SW (S) | 1501 | 2 | 386040 203160 |
| | <p>Water Abstractions</p> <p>Operator: Cemex Uk Materials Limited Licence Number: 18/54/22/0167 Permit Version: 101 Location: Stroud, Gloucestershire - River Frome Authority: Environment Agency, Midlands Region Abstraction: Mineral Products: 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: Chestnut Lane, Stroud, Gloucestershire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th January 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A11NW (W) | 1587 | 2 | 384000 204840 |
| | <p>Water Abstractions</p> <p>Operator: Ready Mixed Concrete (Western) Limited Licence Number: 18/54/22/0167 Permit Version: 100 Location: Stroud, Gloucestershire - River Frome Authority: Environment Agency, Midlands Region Abstraction: Mineral Products: 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: Chestnut Lane, Stroud, Gloucestershire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A11NW (W) | 1587 | 2 | 384000 204840 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| | <p>Water Abstractions</p> <p>Operator: Ready Mixed Concrete (Western) Limit Licence Number: 18/54/22/0167 Permit Version: Not Supplied Location: Chestnut Lane, STROUD Authority: Environment Agency, Midlands Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: River Daily Rate (m3): 55 Yearly Rate (m3): 7000 Details: River Frome; Status: Revoked; Lapsed Or Cancelled 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</p> | A11NW (W) | 1587 | 2 | 384000 204840 |
| | <p>Water Abstractions</p> <p>Operator: The Manager Licence Number: 18/54/22/0040 Permit Version: 100 Location: Stroud, Gloucestershire - Borehole Authority: Environment Agency, Midlands Region Abstraction: Sports Grounds/Facilities: 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: Stratford Park Leisure Centre, Stroud, Gloucestershire Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 3rd June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A21SE (NW) | 1705 | 2 | 384300 205800 |
| | <p>Water Abstractions</p> <p>Operator: Stroud District Council Licence Number: 18/54/22/0040 Permit Version: 101 Location: Stroud, Gloucestershire - Borehole Authority: Environment Agency, Midlands Region Abstraction: Sports Grounds/Facilities: 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: Stratford Park, Glous. Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A21SE (NW) | 1716 | 2 | 384340 205860 |
| | <p>Water Abstractions</p> <p>Operator: Stroud District Council Licence Number: 18/54/22/0040 Permit Version: 101 Location: Stroud, Gloucestershire - Borehole Authority: Environment Agency, Midlands Region Abstraction: Sports Grounds/Facilities: 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: Stratford Park, Glous. Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A21SE (NW) | 1716 | 2 | 384340 205860 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | <p>Water Abstractions</p> <p>Operator: ██████████ Licence Number: 18/54/22/0017 Permit Version: 100 Location: Wickridge Farm, Stroud - Well Authority: Environment Agency, Midlands 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: Wickridge Farm, Stroud Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p> | A24NE (NE) | 1795 | 2 | 386400 206300 |
| | <p>Water Abstractions</p> <p>Operator: P C L Packaging (Uk) Ltd Licence Number: 18/54/22/0168 Permit Version: Not Supplied Location: Lightpill, STROUD Authority: Environment Agency, Midlands Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 655 Yearly Rate (m3): 238909 Details: Nailsworth Stream; Status: Revoked; Lapsed Or Cancelled 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</p> | (W) | 1799 | 2 | 383850 204170 |
| | <p>Water Abstractions</p> <p>Operator: Stroud Valleys Canal Company Licence Number: Md/054/0022/015 Permit Version: 1 Location: Stroud Water Canal, Dudbridge Locks (Fish Pass) Authority: Environment Agency, Midlands Region Abstraction: Environmental: Fish Pass/Canoe Pass 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: 2nd February 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | (W) | 1817 | 2 | 383779 204926 |
| | <p>Water Abstractions</p> <p>Operator: Danel Cope-Chat Limited Licence Number: 18/54/22/0145 Permit Version: 100 Location: Dudbridge, Stroud, Gloucestershire - River Frome Authority: Environment Agency, Midlands 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: Dudbridge, Stroud, Gloucestershire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 12th February 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p> | (W) | 1840 | 2 | 383740 204770 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| | <p>Water Abstractions</p> <p>Operator: Stroud Valleys Canal Company Licence Number: Md/054/0022/009 Permit Version: 1 Location: Stroudwater Canal, Dudbridge Locks Authority: Environment Agency, Midlands Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Stroudwater Canal, Dudbridge Locks Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 3rd February 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | (W) | 1849 | 2 | 383745 204920 |
| | <p>Water Abstractions</p> <p>Operator: W H Taylor & Sons Licence Number: 18/54/22/0023 Permit Version: 100 Location: Wades Farm, Stroud - Lillyhorn Spring Authority: Environment Agency, Midlands 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: Wades Farm, Stroud Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 27th June 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A21NE (NW) | 1951 | 2 | 384500 206300 |
| | <p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p> | A13NE (W) | 0 | 4 | 385620 204649 |
| | <p>Groundwater Vulnerability Map</p> <p>Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data</p> | A13SW (SW) | 0 | 4 | 385603 204635 |
| | <p>Groundwater Vulnerability - Soluble Rock Risk</p> <p>Classification: Significant Risk - Problems Unlikely</p> | A13NE (W) | 0 | 4 | 385620 204649 |
| | <p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Principal Aquifer</p> | A13NE (W) | 0 | 4 | 385620 204649 |
| | <p>Superficial Aquifer Designations</p> <p>Aquifer Designation: Secondary Aquifer - A</p> | A13NE (W) | 0 | 4 | 385620 204649 |

| 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 | A13SW (SW) | 70 | 2 | 385570 204568 |
| | 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 (SW) | 75 | 2 | 385568 204564 |
| | 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) | 135 | 2 | 385584 204482 |
| | Areas Benefiting from Flood Defences None | | | | |
| | Flood Water Storage Areas None | | | | |
| | Flood Defences None | | | | |
| 33 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 2 | A13SW (S) | 84 | 5 | 385586 204537 |
| 34 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 2 | A13SW (SW) | 90 | 5 | 385574 204541 |
| 35 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A13SW (SW) | 110 | 5 | 385555 204528 |
| 36 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A13SW (SW) | 112 | 5 | 385522 204561 |
| 37 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: Underground Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A13SW (W) | 114 | 5 | 385480 204612 |
| 38 | OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1331.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thames and Severn Canal Catchment Name: Frome and Cam Primacy: 1 | A13SW (W) | 117 | 5 | 385471 204621 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 39 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 689.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A13SW (W) | 128 | 5 | 385459 204622 |
| 40 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A13SE (S) | 133 | 5 | 385630 204473 |
| 41 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A8NE (S) | 324 | 5 | 385730 204296 |
| 42 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 246.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A8NE (S) | 332 | 5 | 385735 204289 |
| 43 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: Underground Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A8NE (S) | 332 | 5 | 385735 204289 |
| 44 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 347.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A8NE (S) | 340 | 5 | 385739 204282 |
| 45 | OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 43.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thames and Severn Canal Catchment Name: Frome and Cam Primacy: 1 | A8NE (S) | 340 | 5 | 385732 204280 |
| 46 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A8NE (S) | 369 | 5 | 385661 204237 |
| 47 | OS Water Network Lines Watercourse Form: Canal Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thames and Severn Canal Catchment Name: Frome and Cam Primacy: 1 | A8NE (S) | 382 | 5 | 385755 204243 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 48 | OS Water Network Lines Watercourse Form: Canal Watercourse Length: 600.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thames and Severn Canal Catchment Name: Frome and Cam Primacy: 1 | A8NE (S) | 393 | 5 | 385762 204234 |
| 49 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14SW (SE) | 411 | 5 | 385969 204365 |
| 50 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14SW (SE) | 431 | 5 | 385997 204370 |
| 51 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 400.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14SW (SE) | 492 | 5 | 386098 204425 |
| 52 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 758.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14SW (SE) | 492 | 5 | 386098 204425 |
| 53 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 2 | A8NE (SE) | 654 | 5 | 385892 204004 |
| 54 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A8NE (SE) | 654 | 5 | 385892 204004 |
| 55 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A18NE (N) | 736 | 5 | 385802 205397 |
| 56 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A18NE (N) | 741 | 5 | 385792 205404 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 57 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 2 | A18NE (N) | 741 | 5 | 385792 205404 |
| 58 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 163.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A12NW (W) | 752 | 5 | 384875 204939 |
| 59 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A12NW (W) | 753 | 5 | 384876 204944 |
| 60 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 2 | A18NE (N) | 767 | 5 | 385769 205436 |
| 61 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 2 | A18NE (N) | 767 | 5 | 385769 205436 |
| 62 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A18NE (N) | 772 | 5 | 385764 205442 |
| 63 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 2 | A18NE (N) | 772 | 5 | 385764 205442 |
| 64 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 2 | A18NE (N) | 773 | 5 | 385764 205443 |
| 65 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14SE (E) | 782 | 5 | 386440 204595 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 66 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A18NE (N) | 792 | 5 | 385753 205464 |
| 67 | OS Water Network Lines Watercourse Form: Lake Watercourse Length: 49.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14SE (E) | 794 | 5 | 386452 204602 |
| 68 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A8SE (S) | 795 | 5 | 385923 203865 |
| 69 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A18NW (N) | 800 | 5 | 385404 205456 |
| 70 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A12NW (NW) | 804 | 5 | 384835 204980 |
| 71 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 174.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A18NW (N) | 813 | 5 | 385446 205478 |
| 72 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: Underground Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A18NW (N) | 815 | 5 | 385424 205476 |
| 73 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 335.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A17SW (NW) | 819 | 5 | 384822 204988 |
| 74 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A18NW (N) | 827 | 5 | 385302 205455 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 75 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14SE (E) | 831 | 5 | 386491 204633 |
| 76 | OS Water Network Lines Watercourse Form: Lake Watercourse Length: 63.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14SE (E) | 836 | 5 | 386496 204639 |
| 77 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A18NW (N) | 854 | 5 | 385586 205537 |
| 78 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A17NE (NW) | 857 | 5 | 385100 205384 |
| 79 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 244.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A17NE (NW) | 857 | 5 | 385100 205384 |
| 80 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 239.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A18NE (N) | 871 | 5 | 385714 205549 |
| 81 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A18NE (N) | 872 | 5 | 385653 205555 |
| 82 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 548.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A8SE (S) | 879 | 5 | 385931 203778 |
| 83 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A8SE (S) | 879 | 5 | 385931 203778 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 84 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 292.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 1 | A8SE (S) | 882 | 5 | 385929 203774 |
| 85 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 257.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Frome Catchment Name: Frome and Cam Primacy: 2 | A8SE (S) | 882 | 5 | 385929 203774 |
| 86 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14NE (E) | 887 | 5 | 386547 204674 |
| 87 | OS Water Network Lines Watercourse Form: Canal Watercourse Length: 28.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thames and Severn Canal Catchment Name: Frome and Cam Primacy: 1 | A17SW (NW) | 903 | 5 | 384794 205119 |
| 88 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A17SW (NW) | 905 | 5 | 384817 205161 |
| 89 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A17SW (NW) | 908 | 5 | 384877 205249 |
| 90 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A17SW (NW) | 909 | 5 | 384879 205253 |
| 91 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A17SW (NW) | 911 | 5 | 384846 205215 |
| 92 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A17SW (NW) | 912 | 5 | 384838 205205 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 93 | 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: Frome and Cam Primacy: 1 | A14NE (E) | 920 | 5 | 386577 204727 |
| 94 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14NE (E) | 927 | 5 | 386586 204686 |
| 95 | OS Water Network Lines Watercourse Form: Canal Watercourse Length: 112.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thames and Severn Canal Catchment Name: Frome and Cam Primacy: 1 | A17SW (NW) | 929 | 5 | 384766 205123 |
| 96 | OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14NE (E) | 945 | 5 | 386604 204690 |
| 97 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A14NE (E) | 963 | 5 | 386622 204693 |
| 98 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 221.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A8SE (S) | 977 | 5 | 385803 203643 |
| 99 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Frome and Cam Primacy: 1 | A8SE (S) | 977 | 5 | 385804 203643 |
| 100 | OS Water Network Lines Watercourse Form: Canal Watercourse Length: 228.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Thames and Severn Canal Catchment Name: Frome and Cam Primacy: 1 | A8SE (S) | 979 | 5 | 385861 203653 |
| 101 | OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Slad Brook Catchment Name: Frome and Cam Primacy: 1 | A18NE (N) | 985 | 5 | 385932 205617 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 102 | <p>Historical Landfill Sites</p> <p>Licence Holder: Not Supplied Location: Caple Mill, Dr Newtons Way, Stroud Name: Railway Viaduct Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD35267 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1600/0102 BGS Ref: Not Supplied Other Ref: Not Supplied</p> | A13SW (W) | 120 | 2 | 385466 204626 |
| 103 | <p>Historical Landfill Sites</p> <p>Licence Holder: Messrs Orchard and Pear Limited Location: London Road, Bowbridge, Thrupp, Stroud, Gloucestershire Name: Ovarhill Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD27815 First Input Date: 1st January 1953 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert and Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1600/9960 BGS Ref: Not Supplied Other Ref: 149</p> | A8NE (SE) | 610 | 2 | 385891 204052 |
| 104 | <p>Historical Landfill Sites</p> <p>Licence Holder: Not Supplied Location: Hucclecote, Gloucester, Gloucestershire Name: The Noake Operator Location: Norton House, Newby Road, Hazel Grove, Stockport Boundary Accuracy: As Supplied Provider Reference: EAHLD27877 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert and Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 1600/3030</p> | A18NE (N) | 905 | 2 | 385777 205575 |
| 105 | <p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 48086 Location: 7 Parliament Street, Stroud, Gloucestershire, GL5 1DP Operator Name: Osbourne Colin Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Surrendered Issued: 23rd October 1992 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 26th August 2008 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p> | A18SW (N) | 558 | 2 | 385410 205207 |
| | <p>Local Authority Landfill Coverage</p> <p>Name: Gloucestershire County Council - Has supplied landfill data</p> | | 0 | 6 | 385620 204649 |
| | <p>Local Authority Landfill Coverage</p> <p>Name: Stroud District Council - Has no landfill data to supply</p> | | 0 | 3 | 385620 204649 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 106 | Local Authority Recorded Landfill Sites Location: London Road, Stroud Reference: Not Supplied Authority: Gloucestershire County Council Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate | A13NW (NW) | 34 | 6 | 385546 204683 |
| 107 | Local Authority Recorded Landfill Sites Location: London Road, Thrupp Reference: Not Supplied Authority: Gloucestershire County Council Last Reported Status: Closed Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate | A8SE (S) | 696 | 6 | 385901 203962 |
| 108 | Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984 | A9NW (SE) | 468 | - | 385964 204272 |
| 109 | Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1979 | A18SE (NE) | 495 | - | 385852 205121 |
| 110 | Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984 | A19SW (NE) | 592 | - | 386143 204991 |
| 111 | Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1980 | A8NW (S) | 616 | - | 385407 204034 |
| 112 | Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1979 | A19SE (NE) | 799 | - | 386317 205104 |
| 113 | Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984 | A14NE (E) | 807 | - | 386417 204929 |
| 114 | Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1979 | A18NE (N) | 811 | - | 385710 205489 |
| 115 | Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984 | A14SE (E) | 918 | - | 386538 204379 |
| 116 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954 | A13SW (SW) | 88 | - | 385556 204559 |
| 117 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1903 | A13SW (W) | 125 | - | 385461 204627 |
| 118 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954 | A13NW (W) | 283 | - | 385299 204723 |
| 119 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954 | A8NE (SE) | 347 | - | 385787 204293 |
| 120 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1887 | A13SE (SE) | 359 | - | 385897 204360 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 121 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954 | A8NE (SE) | 504 | - | 385870 204160 |
| 122 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954 | A12NE (W) | 629 | - | 384983 204876 |
| 123 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1887 | A12NE (NW) | 663 | - | 384980 204959 |
| 124 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954 | A12NW (W) | 793 | - | 384841 204965 |
| 125 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1887 | A12NW (W) | 796 | - | 384831 204946 |
| 126 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1903 | A18NE (N) | 802 | - | 385756 205474 |
| 127 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1903 | A18NW (N) | 813 | - | 385498 205488 |
| 128 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954 | A12NW (W) | 819 | - | 384772 204816 |
| 129 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954 | A12NW (W) | 820 | - | 384818 204979 |
| 130 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1887 | A8SE (S) | 884 | - | 385941 203777 |
| 131 | Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1903 | A18NE (N) | 911 | - | 385787 205579 |
| 132 | Registered Waste Treatment or Disposal Sites Licence Holder: ██████████ Licence Reference: SY 30 Site Location: 7 Parliament Street, STROUD, Gloucestershire, GL5 1DP Operator Location: As Site Address Authority: Environment Agency - Midlands Region, Lower Severn Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 29th July 1997 Preceded By: SY 30 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Waste Permitted By Licence Scrap Equipment Scrap Metal Scrap Vehicles White Goods (Drained Of Any Refrig'T) Prohibited Waste: Asbestos Liquid Wastes Sludge Wastes Spec.Waste (Epa'90:S62/1996 Regs)N.O.S Waste N.O.S. | A18SW (N) | 562 | 2 | 385440 205220 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 132 | <p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: ██████████ Licence Reference: SY 30 Site Location: 7 Parliament Street, STROUD, Gloucestershire, GL5 1DP Operator Location: As Site Address Authority: Environment Agency - Midlands Region, Lower Severn Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 23rd October 1992 Preceded By: Not Given Licence: Superseded By: SY 30 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Scrap Metal/Non-Haz.Ind. Waste Prohibited Waste: Carcinogens Immiscible Flammable Solvents Medical (Misuse Of Drugs Act '71) Percussive/Explosive Waste Special Wastes Sub'S Control. Radioactive Subs Act'60 Waste N.O.S.</p> | A18SW (N) | 562 | 2 | 385440 205220 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| | BGS 1:625,000 Solid Geology Description: Lias Group | A13NE (W) | 0 | 1 | 385620 204649 |
| | BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg | A13NE (W) | 0 | 1 | 385620 204649 |
| | 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: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg | A13NW (W) | 147 | 1 | 385431 204687 |
| | 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 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg | A13NW (W) | 178 | 1 | 385400 204656 |
| | 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: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg | A12NE (W) | 522 | 1 | 385060 204736 |
| | BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg | A8NE (S) | 654 | 1 | 385882 204000 |
| 133 | BGS Recorded Mineral Sites Site Name: Bowbridge Gravel Pit Location: Stroud, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 60349 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Lias Group And Inferior Oolite Group (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m | A9NW (SE) | 468 | 1 | 385959 204267 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 134 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: The Chestnuts Location: Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 60353 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Lias Group And Inferior Oolite Group (Undifferentiated) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A18SE (NE) | 499 | 1 | 385851 205125 |
| 135 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Mount Pleasant Quarry Location: Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 60354 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Lias Group And Inferior Oolite Group (Undifferentiated) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A19SW (NE) | 589 | 1 | 386142 204986 |
| 136 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94689 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Aston Limestone Formation (Middle Inferior Oolite) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A8NW (S) | 643 | 1 | 385389 204012 |
| 137 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94685 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Aston Limestone Formation (Middle Inferior Oolite) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A8NW (SW) | 663 | 1 | 385330 204018 |
| 137 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94687 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Salperton Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A8NW (S) | 679 | 1 | 385349 203991 |
| 138 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Mount Vernon Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 10212 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Aston Limestone Formation (Middle Inferior Oolite) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A7NE (SW) | 684 | 1 | 385275 204025 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 139 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94688 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Aston Limestone Formation (Middle Inferior Oolite) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A8SW (S) | 702 | 1 | 385415 203940 |
| 140 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94686 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Salperton Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A8SW (SW) | 716 | 1 | 385330 203959 |
| 141 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94681 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Salperton Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A7NE (SW) | 767 | 1 | 385162 204003 |
| 142 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94684 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Salperton Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A8SW (SW) | 773 | 1 | 385283 203918 |
| 143 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Stroud Hill Quarry Location: Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 60342 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Aston Limestone Formation (Middle Inferior Oolite) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A19SW (NE) | 776 | 1 | 386275 205122 |
| 144 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Fort Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 10214 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Birdlip Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A7NE (SW) | 785 | 1 | 385000 204140 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 145 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94680 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Salperton Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A7NE (SW) | 799 | 1 | 385088 204025 |
| 146 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: New Mille Cottages Clay Pit Location: Uplands, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 59930 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Lias Group And Inferior Oolite Group (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p> | A18NE (N) | 820 | 1 | 385699 205500 |
| 147 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94683 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Salperton Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A7SE (SW) | 823 | 1 | 385259 203874 |
| 148 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Bisley Old Road Quarry Location: Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 254868 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Aston Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A19SE (NE) | 831 | 1 | 386328 205143 |
| 149 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Union Workhouse Quarry Location: Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 60343 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Aston Limestone Formation (Middle Inferior Oolite) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A14NE (E) | 834 | 1 | 386453 204907 |
| 150 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Castle Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 11694 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Aston Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A7NE (SW) | 839 | 1 | 385015 204042 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 151 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Rodborough Hill Location: Rodborough, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 94682 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Salperton Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A7SE (SW) | 887 | 1 | 385230 203818 |
| 152 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Bowbridge Location: Stroud, Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 60352 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic - Jurassic Geology: Lias Group And Inferior Oolite Group (Undifferentiated) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A14SE (E) | 898 | 1 | 386513 204367 |
| 153 | <p>BGS Recorded Mineral Sites</p> <p>Site Name: Horns Road Quarry Location: Stroud, Gloucestershire Source: British Geological Survey, National Geoscience Information Service Reference: 60346 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Birdlip Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p> | A14NE (E) | 971 | 1 | 386617 204813 |
| | <p>BGS Measured Urban Soil Chemistry</p> <p>No data available</p> | | | | |
| | <p>BGS Urban Soil Chemistry Averages</p> <p>No data available</p> | | | | |
| | <p>Coal Mining Affected Areas</p> <p>In an area that might not be affected by coal mining</p> | | | | |
| | <p>Natural Cavities</p> <p>Easting: 386300 Northing: 205000 Distance: 730 Quadrant Reference: A19 Quadrant Reference: SE Bearing Ref: NE Cavity Type: Gulls/Fissures due to Cambering Solid Geology Detail: Inferior Oolite Group, Lias Group, Lias Group, Lias Group, Lias Group Superficial Geology No Details Detail:</p> | A19SE (NE) | 730 | 7 | 386300 205000 |
| | <p>Non Coal Mining Areas of Great Britain</p> <p>No Hazard</p> | | | | |
| | <p>Potential for Collapsible Ground Stability Hazards</p> <p>Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service</p> | A13NE (W) | 0 | 1 | 385620 204649 |
| | <p>Potential for Collapsible Ground Stability Hazards</p> <p>Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service</p> | A13NW (W) | 178 | 1 | 385400 204656 |
| | <p>Potential for Compressible Ground Stability Hazards</p> <p>Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service</p> | A13NE (W) | 0 | 1 | 385620 204649 |
| | <p>Potential for Compressible Ground Stability Hazards</p> <p>Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service</p> | A13SW (SW) | 43 | 1 | 385577 204602 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 109 | 1 | 385543 204539 |
| | Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13NE (W) | 0 | 1 | 385620 204649 |
| | Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service | A13NW (W) | 147 | 1 | 385431 204687 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service | A13NE (W) | 0 | 1 | 385620 204649 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 43 | 1 | 385577 204602 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service | A13NW (W) | 84 | 1 | 385495 204650 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 94 | 1 | 385559 204553 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 109 | 1 | 385543 204539 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service | A13NW (NW) | 137 | 1 | 385505 204789 |
| | Potential for Landslide Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 164 | 1 | 385501 204507 |
| | Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13NE (W) | 0 | 1 | 385620 204649 |
| | Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 43 | 1 | 385577 204602 |
| | Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 109 | 1 | 385543 204539 |
| | Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13NE (W) | 0 | 1 | 385620 204649 |
| | Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 43 | 1 | 385577 204602 |
| | Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service | A13SW (SW) | 109 | 1 | 385543 204539 |
| | Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service | A13NE (W) | 0 | 1 | 385620 204649 |
| | Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service | A13NE (W) | 0 | 1 | 385620 204649 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 154 | <p>Contemporary Trade Directory Entries</p> <p>Name: B P Service Station Location: Petrol Filling Station, Bristol Street Ford, London Road, Stroud, GL5 2AX Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address</p> | A13SW (SW) | 0 | - | 385613 204643 |
| 154 | <p>Contemporary Trade Directory Entries</p> <p>Name: Bristol Street Stroud - Ford Location: London Road, Stroud, Gloucestershire, GL5 2AX Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A13SW (W) | 35 | - | 385568 204631 |
| 154 | <p>Contemporary Trade Directory Entries</p> <p>Name: Snax 24 Ltd Location: London Road, Stroud, Gloucestershire, GL5 2AX Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A13SW (W) | 35 | - | 385568 204631 |
| 154 | <p>Contemporary Trade Directory Entries</p> <p>Name: Bristol Street Motors Ford Stroud Location: LONDON ROAD, STROUD, GL5 2AX Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p> | A13SW (W) | 36 | - | 385567 204631 |
| 155 | <p>Contemporary Trade Directory Entries</p> <p>Name: A1 Cotswold Carpet Cleaners Location: 9, Upper Dorrington Terrace, Stroud, Gloucestershire, GL5 2JE Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A13NW (N) | 113 | - | 385571 204789 |
| 156 | <p>Contemporary Trade Directory Entries</p> <p>Name: Johnsons The Cleaners Location: London Road, Stroud, GL5 2AP Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address</p> | A13NW (NW) | 191 | - | 385410 204762 |
| 157 | <p>Contemporary Trade Directory Entries</p> <p>Name: Minco Ltd Location: 6, Castle Rise, London Road, Stroud, Gloucestershire, GL5 2AW Classification: Electricity Generating & Distributing Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A13NW (NW) | 196 | - | 385465 204833 |
| 158 | <p>Contemporary Trade Directory Entries</p> <p>Name: Kim Jarvis Location: 2, Bowbridge Lane, Stroud, Gloucestershire, GL5 2JS Classification: Stained Glass Designers & Producers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A13NE (NE) | 234 | - | 385833 204806 |
| 159 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stroud General Hospital Location: Trinity Road, Stroud, Gloucestershire, GL5 2HY Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address</p> | A13NE (N) | 283 | - | 385727 204945 |
| 160 | <p>Contemporary Trade Directory Entries</p> <p>Name: Mike Turner Electrical Engineering Contractors Ltd Location: The Old Cottage, Piccadilly Mill, Lower Street, STROUD, Gloucestershire, GL5 2HT Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SW (N) | 310 | - | 385570 204989 |
| 160 | <p>Contemporary Trade Directory Entries</p> <p>Name: [REDACTED] Location: Unit 10, Piccadilly Mill, Lower Street, Stroud, Gloucestershire, GL5 2HT Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SW (N) | 334 | - | 385589 205016 |

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| 160 | <p>Contemporary Trade Directory Entries</p> <p>Name: S1 Systems Location: 15, Piccadilly Mill, Lower Street, Stroud, Gloucestershire, GL5 2HT Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SW (N) | 334 | - | 385589 205016 |
| 161 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stroud Pallet Co Location: 4, Eagle Mill Close, Stroud, Gloucestershire, GL5 2LB Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A13SE (S) | 318 | - | 385752 204310 |
| 162 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stagecoach Location: Bus Depot, Bowbridge, Stroud, GL5 2LA Classification: Bus & Coach Operators & Stations Status: Active Positional Accuracy: Automatically positioned to the address</p> | A13SE (SE) | 348 | - | 385850 204331 |
| 162 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stagecoach Location: Bus Depot, Bowbridge, Stroud, Gloucestershire, GL5 2LA Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A13SE (SE) | 348 | - | 385850 204331 |
| 163 | <p>Contemporary Trade Directory Entries</p> <p>Name: [REDACTED] Location: 64, Horns Road, Stroud, Gloucestershire, GL5 1EG Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A14NW (NE) | 358 | - | 385967 204832 |
| 164 | <p>Contemporary Trade Directory Entries</p> <p>Name: Thompson First Location: Bowbridge, STROUD, Gloucestershire, GL5 2LA Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address</p> | A8NE (SE) | 362 | - | 385804 204285 |
| 165 | <p>Contemporary Trade Directory Entries</p> <p>Name: 1st For M O T & Tyres Location: London Road, Bowbridge, Stroud, Gloucestershire, GL5 2LA Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p> | A8NE (S) | 368 | - | 385735 204251 |
| 165 | <p>Contemporary Trade Directory Entries</p> <p>Name: Thompson First Location: London Road, Bowbridge, Stroud, Gloucestershire, GL5 2LA Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p> | A8NE (S) | 369 | - | 385732 204249 |
| 166 | <p>Contemporary Trade Directory Entries</p> <p>Name: Middle Street Garage Location: Middle Street, Stroud, GL5 1EA Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p> | A18SW (NW) | 381 | - | 385454 205035 |
| 167 | <p>Contemporary Trade Directory Entries</p> <p>Name: Dave Cockcroft Ltd Location: 18, Bisley Road, Stroud, GL5 1HE Classification: Homefurnishings - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p> | A18SE (NE) | 382 | - | 385825 205005 |
| 168 | <p>Contemporary Trade Directory Entries</p> <p>Name: Baker Retouch Ltd Location: Clevedon House, Horns Road, Stroud, Gloucestershire, GL5 1EE Classification: Photo & Digital Imaging Bureaus Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A14NW (E) | 422 | - | 386062 204776 |
| 169 | <p>Contemporary Trade Directory Entries</p> <p>Name: Tim Dube Chimney Engineer Location: 23, Chapel Street, Stroud, Gloucestershire, GL5 1DU Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SW (N) | 436 | - | 385608 205120 |

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|--------|--|--|------------------------------|---------|------------------|
| 170 | <p>Contemporary Trade Directory Entries</p> <p>Name: Hearfield Research Ltd Location: 37, Bisley Road, Stroud, Gloucestershire, GL5 1HF Classification: Electronic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SE (NE) | 450 | - | 385905 205031 |
| 171 | <p>Contemporary Trade Directory Entries</p> <p>Name: T T Commercial Location: Palace Chambers, 40, London Road, Stroud, Gloucestershire, GL5 2AJ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A12NE (NW) | 471 | - | 385213 204969 |
| 172 | <p>Contemporary Trade Directory Entries</p> <p>Name: Mydentist Nelson Street Stroud Location: 17-18, NELSON STREET, STROUD, GL5 2HN Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address</p> | A18SW (NW) | 490 | - | 385325 205093 |
| 172 | <p>Contemporary Trade Directory Entries</p> <p>Name: [REDACTED] Location: 19, Nelson Street, Stroud, Gloucestershire, GL5 2HN Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SW (NW) | 503 | - | 385321 205106 |
| 172 | <p>Contemporary Trade Directory Entries</p> <p>Name: Spray Or Brush Paint Equipment Supplies Location: 4, Fars Lane, Nelson Street, Stroud, Gloucestershire, GL5 2HH Classification: Spraying - Paint & Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SW (NW) | 521 | - | 385288 205106 |
| 172 | <p>Contemporary Trade Directory Entries</p> <p>Name: Chipperlane Location: Unit 3, Fars Lane, Nelson Street, Stroud, Gloucestershire, GL5 2HH Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SW (NW) | 521 | - | 385288 205106 |
| 172 | <p>Contemporary Trade Directory Entries</p> <p>Name: A V Motorcycles Location: 23, Nelson Street, Stroud, Gloucestershire, GL5 2HH Classification: Motor Cycle & Component Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location</p> | A18SW (NW) | 527 | - | 385303 205124 |
| 172 | <p>Contemporary Trade Directory Entries</p> <p>Name: Soap N Suds Location: The Cross, 1, Nelson Street, Stroud, Gloucestershire, GL5 2HL Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SW (NW) | 545 | - | 385303 205144 |
| 173 | <p>Contemporary Trade Directory Entries</p> <p>Name: Jewson Location: Fromeside Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JX Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address</p> | A12NE (W) | 521 | - | 385095 204866 |
| 173 | <p>Contemporary Trade Directory Entries</p> <p>Name: John Stayte Location: Fromeside Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JX Classification: Gas Appliances - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A12NE (W) | 549 | - | 385068 204877 |
| 173 | <p>Contemporary Trade Directory Entries</p> <p>Name: Warwick Car Co Location: Fromeside Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p> | A12NE (W) | 566 | - | 385053 204884 |
| 173 | <p>Contemporary Trade Directory Entries</p> <p>Name: Warwick Car Location: Fromeside Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JX Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A12NE (W) | 566 | - | 385053 204884 |

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| 174 | <p>Contemporary Trade Directory Entries</p> <p>Name: Rickman Motorcycles Location: 14, Parliament Street, Stroud, Gloucestershire, GL5 1DP Classification: Motor Cycle & Component Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p> | A18SW (N) | 532 | - | 385450 205192 |
| 174 | <p>Contemporary Trade Directory Entries</p> <p>Name: [REDACTED] Location: 7, Parliament Street, Stroud, Gloucestershire, GL5 1DP Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18SW (N) | 562 | - | 385446 205222 |
| 175 | <p>Contemporary Trade Directory Entries</p> <p>Name: Moreton C Cullimore (Gravels) Ltd Location: 47, London Road, Stroud, Gloucestershire, GL5 2AU Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 541 | - | 385157 205012 |
| 175 | <p>Contemporary Trade Directory Entries</p> <p>Name: Moreton C Cullimore (Gravels) Ltd Location: 47, London Road, Stroud, Gloucestershire, GL5 2AU Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 541 | - | 385157 205012 |
| 175 | <p>Contemporary Trade Directory Entries</p> <p>Name: The Chadwick Oven Within The Old Stroud Music Centre Location: 49, London Road, Stroud, Gloucestershire, GL5 2AD Classification: Oven Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 546 | - | 385161 205024 |
| 176 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stroud Masterclean Systems Location: 40, Bowbridge Lock, Stroud, Gloucestershire, GL5 2JY Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A8NE (SE) | 545 | - | 385854 204106 |
| 177 | <p>Contemporary Trade Directory Entries</p> <p>Name: Chris' Shed Location: 3, Union Street, Stroud, Gloucestershire, GL5 2HE Classification: Electronic Equipment - Manufacturers & Assemblers Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 553 | - | 385201 205076 |
| 177 | <p>Contemporary Trade Directory Entries</p> <p>Name: The Stove Centre Location: 4, Cornhill Shopping Centre, Stroud, Gloucestershire, GL5 2JT Classification: Gas Appliances - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 578 | - | 385207 205116 |
| 177 | <p>Contemporary Trade Directory Entries</p> <p>Name: The Furniture Recycling Project Location: 10, John Street, Stroud, Gloucestershire, GL5 2HA Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 583 | - | 385171 205089 |
| 177 | <p>Contemporary Trade Directory Entries</p> <p>Name: Concorde Photo Service Location: 7, John Street, Stroud, Gloucestershire, GL5 2HA Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 597 | - | 385157 205094 |
| 177 | <p>Contemporary Trade Directory Entries</p> <p>Name: Old Clock & Gramophone Shop Location: 3, John Street, Stroud, Gloucestershire, GL5 2HA Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 629 | - | 385124 205107 |
| 178 | <p>Contemporary Trade Directory Entries</p> <p>Name: Cotswold Appliances Location: 54, London Road, Stroud, Gloucestershire, GL5 2AD Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 597 | - | 385122 205058 |

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| 179 | <p>Contemporary Trade Directory Entries</p> <p>Name: Connectors & Couplings Ltd Location: Rojo, Rodborough Lane, Stroud, Gloucestershire, GL5 2LN Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address</p> | A7NE (SW) | 603 | - | 385122 204276 |
| 180 | <p>Contemporary Trade Directory Entries</p> <p>Name: Technicolor Accident & Repairs Location: 5, Fromeside Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JX Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address</p> | A12NE (NW) | 608 | - | 385017 204908 |
| 180 | <p>Contemporary Trade Directory Entries</p> <p>Name: Mike Turner Ltd Location: 7d, Fromeside Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JX Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A12NE (NW) | 637 | - | 385008 204956 |
| 181 | <p>Contemporary Trade Directory Entries</p> <p>Name: Wash-Vac Services Ltd Location: 27, High Street, Stroud, Gloucestershire, GL5 1AJ Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 612 | - | 385221 205170 |
| 182 | <p>Contemporary Trade Directory Entries</p> <p>Name: Klick Photopoint Location: 22, High Street, Stroud, Gloucestershire, GL5 1AJ Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 636 | - | 385190 205177 |
| 182 | <p>Contemporary Trade Directory Entries</p> <p>Name: Currys Digital Location: 56, High Street, Stroud, Gloucestershire, GL5 1AS Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 672 | - | 385180 205214 |
| 182 | <p>Contemporary Trade Directory Entries</p> <p>Name: Shaws The Drapers Location: 11, High Street, Stroud, Gloucestershire, GL5 1AU Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 703 | - | 385133 205216 |
| 183 | <p>Contemporary Trade Directory Entries</p> <p>Name: Paul Bremner Ltd Location: Unit 7E, Fromeside Ind Est, Wallbridge, Stroud, Gloucestershire, GL5 3JX Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location</p> | A12NE (NW) | 642 | - | 385004 204960 |
| 184 | <p>Contemporary Trade Directory Entries</p> <p>Name: Kodak Express Location: 24, Kendrick Street, Stroud, Gloucestershire, GL5 1AQ Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 643 | - | 385159 205159 |
| 185 | <p>Contemporary Trade Directory Entries</p> <p>Name: Nexgen Location: 7, Russell Street, Stroud, GL5 3AX Classification: Testing, Inspection & Calibration Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 644 | - | 385092 205095 |
| 185 | <p>Contemporary Trade Directory Entries</p> <p>Name: Ecotricity Location: 7, Russell Street, Stroud, Gloucestershire, GL5 3AX Classification: Windmills & Wind Power Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 644 | - | 385092 205095 |
| 185 | <p>Contemporary Trade Directory Entries</p> <p>Name: Ecotricity Location: 7, Russell Street, Stroud, GL5 3AX Classification: Electricity Companies Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 644 | - | 385092 205094 |

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| 185 | <p>Contemporary Trade Directory Entries</p> <p>Name: Johnsons The Cleaners Location: 6, Kendrick Street, Stroud, GL5 1AA Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 654 | - | 385111 205130 |
| 185 | <p>Contemporary Trade Directory Entries</p> <p>Name: Absolute Monochrome Location: 10, Russell Street, Stroud, Gloucestershire, GL5 3AB Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 672 | - | 385072 205113 |
| 186 | <p>Contemporary Trade Directory Entries</p> <p>Name: Starlight Studios Location: 40, Summer Street, Stroud, Gloucestershire, GL5 1NY Classification: Stained Glass Designers & Producers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A19SW (NE) | 689 | - | 386054 205218 |
| 187 | <p>Contemporary Trade Directory Entries</p> <p>Name: Mews Garage Location: Church St, Stroud, Gloucestershire, GL5 1JL Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location</p> | A17SE (NW) | 711 | - | 385272 205316 |
| 188 | <p>Contemporary Trade Directory Entries</p> <p>Name: K Young & Sons Ltd Location: Gainey's Well, Stroud, Gloucestershire, GL5 1LQ Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18NE (N) | 713 | - | 385799 205373 |
| 188 | <p>Contemporary Trade Directory Entries</p> <p>Name: Young Location: Gainey's Well, Stroud, Gloucestershire, GL5 1LQ Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18NE (N) | 713 | - | 385799 205373 |
| 189 | <p>Contemporary Trade Directory Entries</p> <p>Name: Mark Dawkins Agriculture Location: 3, The Retreat, Butterrow Hill, Stroud, Gloucestershire, GL5 2LS Classification: Fertilisers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A8SW (S) | 739 | - | 385615 203868 |
| 190 | <p>Contemporary Trade Directory Entries</p> <p>Name: Foxstead Ltd Location: 27, Thrupp Lane, Thrupp, Stroud, GL5 2ER Classification: Brewers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A9NW (SE) | 744 | - | 386101 204025 |
| 191 | <p>Contemporary Trade Directory Entries</p> <p>Name: Kilmister Ltd Location: Stafford Mill, London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A9SW (SE) | 753 | - | 385964 203928 |
| 192 | <p>Contemporary Trade Directory Entries</p> <p>Name: Muse Productions Location: 122a, Bisley Road, Stroud, Gloucestershire, GL5 1HJ Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A14NE (E) | 759 | - | 386387 204865 |
| 193 | <p>Contemporary Trade Directory Entries</p> <p>Name: Brighthouse Location: 12, King Street, Stroud, GL5 3DE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 766 | - | 385062 205239 |
| 193 | <p>Contemporary Trade Directory Entries</p> <p>Name: Brooks Service Group Location: 14, King Street, Stroud, Gloucestershire, GL5 3DE Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 767 | - | 385067 205245 |

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| 194 | <p>Contemporary Trade Directory Entries</p> <p>Name: H Bailey & Sons Location: 58, Lansdown, Stroud, Gloucestershire, GL5 1BN Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18NW (N) | 767 | - | 385336 205403 |
| 195 | <p>Contemporary Trade Directory Entries</p> <p>Name: Lansdown Hall & Gallery Location: Lansdown, Stroud, GL5 1BB Classification: Catering Equipment Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17NE (NW) | 769 | - | 385164 205322 |
| 195 | <p>Contemporary Trade Directory Entries</p> <p>Name: Centre For Science & Art Location: Lansdown, Stroud, Gloucestershire, GL5 1BB Classification: Catering Equipment Status: Active Positional Accuracy: Manually positioned within the geographical locality</p> | A17NE (NW) | 771 | - | 385185 205337 |
| 195 | <p>Contemporary Trade Directory Entries</p> <p>Name: Ownzone Location: 9 Lansdown, Stroud, Gloucestershire, GL5 1BB Classification: Catering Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17NE (NW) | 798 | - | 385160 205353 |
| 196 | <p>Contemporary Trade Directory Entries</p> <p>Name: Ecotricity Location: Axiom House, Station Road, Stroud, Gloucestershire, GL5 3AP Classification: Electricity Companies Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 784 | - | 384971 205169 |
| 196 | <p>Contemporary Trade Directory Entries</p> <p>Name: Enercon UK Location: Axiom House, Station Road, Stroud, Gloucestershire, GL5 3AP Classification: Windmills & Wind Power Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location</p> | A17SE (NW) | 785 | - | 384971 205169 |
| 196 | <p>Contemporary Trade Directory Entries</p> <p>Name: Next Generation Location: Axiom House, Station Road, Stroud, Gloucestershire, GL5 3AP Classification: Electricity Companies Status: Inactive Positional Accuracy: Manually positioned to the address or location</p> | A17SE (NW) | 785 | - | 384971 205169 |
| 196 | <p>Contemporary Trade Directory Entries</p> <p>Name: Bernhard Ide Uk Ltd Location: 9-10, Rowcroft, Stroud, Gloucestershire, GL5 3AZ Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SE (NW) | 809 | - | 384964 205198 |
| 197 | <p>Contemporary Trade Directory Entries</p> <p>Name: Lansdown Road Motor Specialists Location: Lansdown Mill, Lansdown, Stroud, Gloucestershire, GL5 1BW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18NW (N) | 795 | - | 385389 205448 |
| 197 | <p>Contemporary Trade Directory Entries</p> <p>Name: Akak Location: 36-40, Slad Road, Stroud, Gloucestershire, GL5 1QW Classification: T-Shirts Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18NW (N) | 816 | - | 385406 205474 |
| 197 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stroud Instruments Ltd Location: 40, SLAD ROAD, STROUD, GL5 1QW Classification: Industrial Instrument & Apparatus Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p> | A18NW (N) | 817 | - | 385401 205473 |
| 198 | <p>Contemporary Trade Directory Entries</p> <p>Name: Ebley Tyre Plus Auto Services Location: Stafford Mill, London Rd, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location</p> | A8SE (S) | 800 | - | 385930 203862 |

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| 198 | <p>Contemporary Trade Directory Entries</p> <p>Name: Crown Aluminium UK Ltd Location: Stafford Mill, London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Door Manufacturers - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A9SW (SE) | 806 | - | 385960 203868 |
| 198 | <p>Contemporary Trade Directory Entries</p> <p>Name: D M Foundries Ltd Location: Stafford Mill, London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Foundries Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A9SW (SE) | 822 | - | 385960 203850 |
| 198 | <p>Contemporary Trade Directory Entries</p> <p>Name: Barry Hunt Windows Ltd Location: Stafford Mill, London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Window Frame Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p> | A9SW (SE) | 833 | - | 385985 203849 |
| 198 | <p>Contemporary Trade Directory Entries</p> <p>Name: Cook Metal Works Ltd Location: 15a, Stafford Mill, London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Tungsten Tool Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A9SW (SE) | 852 | - | 385977 203825 |
| 199 | <p>Contemporary Trade Directory Entries</p> <p>Name: Narcissus Mirrors & Glass Location: 7, Gloucester Street, Stroud, Gloucestershire, GL5 1QG Classification: Mirrors & Decorative Glass Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17NE (NW) | 813 | - | 385110 205338 |
| 200 | <p>Contemporary Trade Directory Entries</p> <p>Name: Jackson Fawkes Location: 16a, Stafford Mill, London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Glass Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A8SE (S) | 830 | - | 385926 203828 |
| 201 | <p>Contemporary Trade Directory Entries</p> <p>Name: L & R Motors Ltd Location: Lansdown, Stroud, GL5 1BU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18NW (N) | 832 | - | 385549 205513 |
| 201 | <p>Contemporary Trade Directory Entries</p> <p>Name: Lansdown Road Motors Location: Lansdown, Stroud, GL5 1BU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p> | A18NW (N) | 832 | - | 385549 205513 |
| 202 | <p>Contemporary Trade Directory Entries</p> <p>Name: Green Fuels Ltd Location: Fortlee, Rodborough Common, Stroud, Gloucestershire, GL5 5BJ Classification: Oil Recycling & Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A7NW (SW) | 833 | - | 384840 204284 |
| 203 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stroud Carriage Co Location: 28-28a, Slad Road, Stroud, Gloucestershire, GL5 1QW Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location</p> | A18NW (N) | 838 | - | 385307 205468 |
| 204 | <p>Contemporary Trade Directory Entries</p> <p>Name: Golden Fleece Trading Company Location: 16a Stafford Mill, London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Leather Garments & Products Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A8SE (S) | 848 | - | 385947 203817 |

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| 204 | <p>Contemporary Trade Directory Entries</p> <p>Name: Genesis Plastics Location: Unit 21/B, Stafford Mill, London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Plastics - Injection Moulding Status: Active Positional Accuracy: Automatically positioned to the address</p> | A9SW (SE) | 865 | - | 385985 203815 |
| 204 | <p>Contemporary Trade Directory Entries</p> <p>Name: Prime Manufacturing Ltd Location: The Clock House, Stafford Mill, London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Mechanical Handling Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A9SW (SE) | 883 | - | 385979 203792 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: Bar Ash Motorcycles Location: 10, Wallbridge Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JU Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17SW (NW) | 851 | - | 384797 205011 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: Western Wind Power Location: Unit 1, Wallbridge Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JU Classification: Turbine Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A12NW (W) | 853 | - | 384782 204978 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: Diverse Tooling Solutions Ltd Location: Unit 3, Wallbridge Industrial Estate, Wallbridge, STROUD, Gloucestershire, GL5 3JU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A12NW (W) | 853 | - | 384782 204978 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: Shaylors Garage Ltd Location: 8, Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17SW (NW) | 855 | - | 384790 205004 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: Roadspeed Location: Unit 7, Wallbridge Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SW (NW) | 864 | - | 384780 205005 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: G K Joinery Location: Unit 3, Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17SW (W) | 866 | - | 384771 204986 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: Phil Neate Location: 6, Wallbridge Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SW (NW) | 873 | - | 384770 205004 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: P Neate Location: 6, Wallbridge Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SW (NW) | 873 | - | 384770 205004 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stroud Tyre Company Ltd Location: Unit 5, Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17SW (W) | 887 | - | 384755 205004 |

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| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stroud Tyre Co Location: Unit 5, Wallbridge Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SW (W) | 887 | - | 384755 205004 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: Motorfix Location: 4, Wallbridge Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SW (W) | 897 | - | 384745 205003 |
| 205 | <p>Contemporary Trade Directory Entries</p> <p>Name: ██████████ Location: 3 Wallbridge Ind Est, Wallbridge, Stroud, Gloucestershire, GL5 3JU Classification: Glass Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p> | A17SW (W) | 903 | - | 384733 204992 |
| 206 | <p>Contemporary Trade Directory Entries</p> <p>Name: Travis Perkins Stroud Location: Middle Wharf, Wallbridge, Stroud, Gloucestershire, GL5 3JB Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17SW (NW) | 856 | - | 384815 205062 |
| 207 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stagecoach (Stroud Valleys) Location: Merrywalks, Stroud, Gloucestershire, GL5 1QA Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SW (NW) | 856 | - | 384895 205188 |
| 208 | <p>Contemporary Trade Directory Entries</p> <p>Name: Baughan Ltd Location: Slad Mills, Lansdown, Stroud, Gloucestershire, GL5 1BX Classification: Plastics - Extrusion Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18NW (N) | 862 | - | 385595 205545 |
| 209 | <p>Contemporary Trade Directory Entries</p> <p>Name: Wilkinson Location: Unit B, Merrywalks Shopping Centre, Stroud, Gloucestershire, GL5 1RR Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17NE (NW) | 871 | - | 385033 205353 |
| 209 | <p>Contemporary Trade Directory Entries</p> <p>Name: Wilkinson Hardware Stores Ltd Location: Unit B, Merrywalks Centre, Stroud, GL5 1RR Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17NE (NW) | 879 | - | 385024 205355 |
| 209 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stagecoach Location: Merrywalks, Stroud, GL5 1QA Classification: Bus & Coach Operators & Stations Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17NE (NW) | 889 | - | 385022 205366 |
| 210 | <p>Contemporary Trade Directory Entries</p> <p>Name: Express Dairies Location: Lansdown, Stroud, Gloucestershire, GL5 1RA Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A18NE (N) | 879 | - | 385669 205562 |
| 211 | <p>Contemporary Trade Directory Entries</p> <p>Name: M R G Systems Ltd Location: Willow Court, Beeches Green, Stroud, Gloucestershire, GL5 4BJ Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17NE (NW) | 883 | - | 385111 205423 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 211 | <p>Contemporary Trade Directory Entries</p> <p>Name: Stagecoach Location: Willow Court, Beeches Green, Stroud, GL5 4BJ Classification: Bus & Coach Operators & Stations Status: Active Positional Accuracy: Automatically positioned to the address</p> | A17NE (NW) | 887 | - | 385102 205422 |
| 212 | <p>Contemporary Trade Directory Entries</p> <p>Name: Cotswold Damp Location: 31, Hilltop Close, Stroud, Gloucestershire, GL5 1PZ Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A19SE (NE) | 891 | - | 386468 205024 |
| 213 | <p>Contemporary Trade Directory Entries</p> <p>Name: R S Printing Location: 55, Valley View Road, Stroud, Gloucestershire, GL5 1HW Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A14NE (E) | 908 | - | 386516 204950 |
| 214 | <p>Contemporary Trade Directory Entries</p> <p>Name: Silverthornes Dairy Location: Horns Road, Stroud, Gloucestershire, GL6 7LF Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A14NE (E) | 915 | - | 386567 204766 |
| 215 | <p>Contemporary Trade Directory Entries</p> <p>Name: Autocraft Services Ltd Location: Unit 2, Stafford Mill, London Road, Thrupp, Stroud, GL5 2AZ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address</p> | A9SW (S) | 917 | - | 385976 203754 |
| 215 | <p>Contemporary Trade Directory Entries</p> <p>Name: Autocraft Services Ltd Location: Unit 2, Stafford Mill, London Road, Thrupp, Stroud, GL5 2AZ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A9SW (S) | 917 | - | 385976 203754 |
| 215 | <p>Contemporary Trade Directory Entries</p> <p>Name: Karz N Trux Location: London Road, Thrupp, Stroud, GL5 2AZ Classification: Commercial Vehicle Dealers Status: Active Positional Accuracy: Automatically positioned to the address</p> | A9SW (S) | 957 | - | 385967 203708 |
| 215 | <p>Contemporary Trade Directory Entries</p> <p>Name: West Country Cars Location: London Road, Thrupp, Stroud, Gloucestershire, GL5 2AZ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A9SW (S) | 957 | - | 385967 203708 |
| 216 | <p>Contemporary Trade Directory Entries</p> <p>Name: J B Ward & Sons Location: 150, BISLEY OLD ROAD, STROUD, GL5 1NS Classification: Damp & Dry Rot Control Status: Active Positional Accuracy: Automatically positioned to the address</p> | A19SE (NE) | 924 | - | 386461 205110 |
| 217 | <p>Contemporary Trade Directory Entries</p> <p>Name: Advance Mixing Ltd Location: Bankfield House, Bath Road, Wallbridge, Stroud, Gloucestershire, GL5 3JQ Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SW (NW) | 948 | - | 384726 205088 |
| 217 | <p>Contemporary Trade Directory Entries</p> <p>Name: Wizard Printing Location: Bankfield House, 13, Bath Road, Wallbridge, Stroud, Gloucestershire, GL5 3JQ Classification: T-Shirts Status: Inactive Positional Accuracy: Manually positioned to the address or location</p> | A17SW (NW) | 948 | - | 384726 205088 |

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| 218 | <p>Contemporary Trade Directory Entries</p> <p>Name: Baker Re Touch Location: The Old Convent, f8 Beeches Green, Stroud, Gloucestershire, GL5 4AD Classification: Photo & Digital Imaging Bureaus Status: Inactive Positional Accuracy: Manually positioned to the address or location</p> | A17NE (NW) | 953 | - | 384992 205424 |
| 219 | <p>Contemporary Trade Directory Entries</p> <p>Name: Boulton Services Ltd Location: 70, Thrupp Lane, Thrupp, Stroud, GL5 2DG Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A9SW (SE) | 956 | - | 386189 203826 |
| 220 | <p>Contemporary Trade Directory Entries</p> <p>Name: [REDACTED] Location: Lower Wharf, Wallbridge, Stroud, Gloucestershire, GL5 3JT Classification: Furniture - Repairing & Restoring Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p> | A17SW (NW) | 978 | - | 384676 205051 |
| 220 | <p>Contemporary Trade Directory Entries</p> <p>Name: Expander Uk Ltd Location: Lower Wharf Industrial Estate, Wallbridge, Stroud, Gloucestershire, GL5 3JT Classification: Plant & Machinery Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A17SW (NW) | 983 | - | 384679 205071 |
| 221 | <p>Contemporary Trade Directory Entries</p> <p>Name: Homechoice Blinds Location: 4, Uplands Villas, Upper Springfield Road, Uplands, Stroud, Gloucestershire, GL5 1TR Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A23SW (N) | 980 | - | 385534 205660 |
| 221 | <p>Contemporary Trade Directory Entries</p> <p>Name: Diptech Uk Ltd Location: Cotswold Villa, All Saints Road, Stroud, Gloucestershire, GL5 1TT Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address</p> | A23SW (N) | 992 | - | 385556 205673 |
| 222 | <p>Contemporary Trade Directory Entries</p> <p>Name: Conella Holdings Po Box Location: Unit 1, Libbys Drive, Stroud, Gloucestershire, GL5 1RN Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location</p> | A19NW (N) | 989 | - | 385963 205611 |
| 223 | <p>Contemporary Trade Directory Entries</p> <p>Name: Evergreen Press Location: Libbys Dr, Stroud, Gloucestershire, GL5 1RN Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p> | A18NE (N) | 992 | - | 385868 205644 |
| 224 | <p>Fuel Station Entries</p> <p>Name: Bristol Street Motors Location: London Road, Bowbridge, Stroud, Gloucestershire, GL5 2AX Brand: Power Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location</p> | A13NW (N) | 0 | - | 385618 204655 |
| 225 | <p>Fuel Station Entries</p> <p>Name: Rss Stroud Location: London Road, Bowbridge, Stroud, Gloucestershire, GL5 2AX Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location</p> | A13SE (SE) | 110 | - | 385681 204505 |
| 226 | <p>Fuel Station Entries</p> <p>Name: Middle Street Garage Location: Middle Street, Stroud, Gloucestershire, GL5 1EA Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address</p> | A18SW (NW) | 381 | - | 385454 205035 |

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| 227 | Fuel Station Entries Name: Poole Brothers And Jackson Location: London Road , Bowbridge , Stroud, Gloucestershire, GL5 2AZ Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the road within the address or location | A8NE (SE) | 384 | - | 385845 204284 |
| 228 | Fuel Station Entries Name: John Stayte Services (Lpg) Location: Dr Newtons Way Fromeside , , Stroud, Gloucestershire, GL5 3JX Brand: Unbranded Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location | A12NE (W) | 550 | - | 385068 204877 |
| 229 | Fuel Station Entries Name: Lansdown Motors Location: , Lansdown , Stroud, Gloucestershire, GL5 Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location | A18NW (N) | 830 | - | 385542 205510 |
| 230 | Points of Interest - Commercial Services Name: Car Wash Location: London Road, Stroud, GL5 2AT Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location | A13SE (SE) | 110 | 8 | 385681 204505 |
| 230 | Points of Interest - Commercial Services Name: Rss Stroud Location: London, Road, Stroud, GL5 2AT Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location | A13SE (S) | 133 | 8 | 385677 204479 |
| 230 | Points of Interest - Commercial Services Name: B P Car Wash Location: London Road, Stroud, GL5 2AX Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location | A13SE (S) | 133 | 8 | 385676 204479 |
| 231 | Points of Interest - Commercial Services Name: 1st for M O T & Tyres Location: London Road, Bowbridge, Stroud, GL5 2LA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A8NE (SE) | 377 | 8 | 385829 204282 |
| 232 | Points of Interest - Commercial Services Name: Middle Street Garage Location: Middle Street, Stroud, GL5 1EA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A18SW (NW) | 381 | 8 | 385455 205035 |
| 232 | Points of Interest - Commercial Services Name: Middle Street Garage Location: Middle Street, Stroud, GL5 1EA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A18SW (NW) | 381 | 8 | 385454 205035 |
| 233 | Points of Interest - Commercial Services Name: Robins Motors Location: Unit 2 Farris Lane, Nelson Street, Stroud, GL5 2HH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A18SW (NW) | 521 | 8 | 385288 205106 |
| 233 | Points of Interest - Commercial Services Name: Robins Motors Location: Unit 2 Farris Lane, Nelson Street, Stroud, GL5 2HH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A18SW (NW) | 521 | 8 | 385288 205106 |

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| 234 | Points of Interest - Commercial Services Name: Warwick Car Co Ltd Location: Fromside Industrial Estate, Wallbridge, Stroud, GL5 3JX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A12NE (W) | 566 | 8 | 385053 204884 |
| 234 | Points of Interest - Commercial Services Name: Technicolour Accident Repair Centre Location: 5 Fromside Industrial Estate, Wallbridge, Stroud, GL5 3JX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A12NE (NW) | 608 | 8 | 385017 204908 |
| 234 | Points of Interest - Commercial Services Name: Technicolor Accident & Repairs Location: Units 4 and 5 Fromside Industrial Estate, Fromside, Stroud, GL5 3JX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A12NE (NW) | 608 | 8 | 385017 204907 |
| 234 | Points of Interest - Commercial Services Name: Warwick Car Co Location: Unit 7e Fromside Industrial Estate, Fromside, Stroud, GL5 3JX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A12NE (NW) | 642 | 8 | 385003 204958 |
| 235 | Points of Interest - Commercial Services Name: Mews Garage Location: Church St, Stroud, Gloucestershire, GL5 1JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SE (NW) | 711 | 8 | 385272 205316 |
| 235 | Points of Interest - Commercial Services Name: Mews Garage Leach Motors Location: Church Street, Stroud, GL5 1JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SE (NW) | 711 | 8 | 385272 205316 |
| 236 | Points of Interest - Commercial Services Name: Crown Aluminium Ltd Location: Stafford Mill, London Road, Thrupp, Stroud, GL5 2AZ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location | A9SW (SE) | 753 | 8 | 385964 203928 |
| 237 | Points of Interest - Commercial Services Name: Lansdown Road Motor Specialists Location: Lansdown Mill, Lansdown, Stroud, GL5 1BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A18NW (N) | 795 | 8 | 385389 205448 |
| 238 | Points of Interest - Commercial Services Name: Lansdown Road Motors Location: Lansdown, Stroud, GL5 1BU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A18NW (N) | 832 | 8 | 385549 205513 |
| 238 | Points of Interest - Commercial Services Name: L & R Motors Ltd Location: Lansdown, Stroud, GL5 1BU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A18NW (N) | 832 | 8 | 385549 205513 |
| 239 | Points of Interest - Commercial Services Name: Green Fuels Ltd Location: Fortlee, Rodborough Common, Stroud, GL5 5BJ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location | A7NW (SW) | 833 | 8 | 384840 204284 |
| 240 | Points of Interest - Commercial Services Name: Western Plateway Location: 15a Stafford Mill, London Road, Thrupp, Stroud, GL5 2AZ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location | A9SW (SE) | 852 | 8 | 385977 203825 |

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| 240 | Points of Interest - Commercial Services Name: Cook Metal Works Ltd Location: 15a Stafford Mill, London Road, Thrupp, Stroud, GL5 2AZ Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location | A9SW (SE) | 852 | 8 | 385977 203825 |
| 240 | Points of Interest - Commercial Services Name: Autocrafts Services Ltd Location: Unit 2 Stafford Mill, London Road, Thrupp, Stroud, GL5 2AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A9SW (S) | 917 | 8 | 385968 203751 |
| 240 | Points of Interest - Commercial Services Name: Autocraft Services Ltd Location: Unit 2 Stafford Mill, London Road, Thrupp, Stroud, GL5 2AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A9SW (S) | 918 | 8 | 385968 203750 |
| 240 | Points of Interest - Commercial Services Name: Autocraft Services Ltd Location: Unit 2 Stafford Mill, London Road, Thrupp, Stroud, GL5 2AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A9SW (S) | 918 | 8 | 385975 203753 |
| 241 | Points of Interest - Commercial Services Name: D J Shaylor Location: 8 Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (NW) | 855 | 8 | 384791 205005 |
| 241 | Points of Interest - Commercial Services Name: Shaylors Garage Ltd Location: Unit 8 Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (NW) | 855 | 8 | 384790 205004 |
| 241 | Points of Interest - Commercial Services Name: Bar Ash Motorcycles Location: Unit 10 Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (NW) | 857 | 8 | 384793 205015 |
| 241 | Points of Interest - Commercial Services Name: Roadspeed Location: Unit 7, Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (NW) | 864 | 8 | 384780 205005 |
| 241 | Points of Interest - Commercial Services Name: Roadspeed Performance & Servicing Location: Unit 7 Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (NW) | 864 | 8 | 384780 205004 |
| 241 | Points of Interest - Commercial Services Name: Stroud Tyre Company Ltd Location: Unit 5 Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (W) | 887 | 8 | 384755 205004 |
| 241 | Points of Interest - Commercial Services Name: Motorfix Location: 4 Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (W) | 897 | 8 | 384745 205003 |
| 241 | Points of Interest - Commercial Services Name: Motorfix Location: Unit 4 Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (W) | 897 | 8 | 384744 205003 |

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| 241 | Points of Interest - Commercial Services Name: Lypiatt Motors Location: 4 Wallbridge Industrial Estate, Wallbridge, Stroud, GL5 3JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (W) | 897 | 8 | 384744 205003 |
| 241 | Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Bath, Road, Stroud, GL5 3JJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location | A17SW (W) | 941 | 8 | 384702 205017 |
| 241 | Points of Interest - Commercial Services Name: Stroud I T Recycling Location: Unit 4, Lower Wharf Industrial Estate, Wallbridge, Stroud, GL5 3JT Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location | A17SW (NW) | 965 | 8 | 384690 205052 |
| 241 | Points of Interest - Commercial Services Name: J & G Distributors Stroud Ltd Location: Unit 4, Lower Wharf Industrial Estate, Wallbridge, Stroud, GL5 3JT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location | A17SW (NW) | 965 | 8 | 384690 205052 |
| 242 | Points of Interest - Commercial Services Name: Eco Couriers Co UK Ltd Location: London Road, Thrupp, Stroud, GL5 2AZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location | A9SW (S) | 957 | 8 | 385967 203708 |
| 243 | Points of Interest - Education and Health Name: Stroud Maternity Hospital Location: Field Road, Stroud, GL5 2JB Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location | A13NE (N) | 189 | 8 | 385676 204864 |
| 243 | Points of Interest - Education and Health Name: Stroud Maternity Hospital Location: Field Road, Stroud, GL5 2JB Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location | A13NE (N) | 190 | 8 | 385677 204865 |
| 244 | Points of Interest - Education and Health Name: Stroud General Hospital Location: Trinity Road, Stroud, GL5 2HY Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location | A13NE (N) | 282 | 8 | 385726 204945 |
| 244 | Points of Interest - Education and Health Name: Stroud General Hospital Location: Trinity Road, Stroud, GL5 2HY Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location | A13NE (N) | 283 | 8 | 385727 204945 |
| 244 | Points of Interest - Education and Health Name: Stroud General Hospital Location: Trinity Road, Stroud, GL5 2HY Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location | A13NE (N) | 283 | 8 | 385727 204945 |
| 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 | A18SW (N) | 333 | 8 | 385576 205014 |
| 245 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A18SW (N) | 333 | 8 | 385576 205014 |

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| 246 | Points of Interest - Manufacturing and Production Name: Fromside Industrial Estate Location: GL5 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location | A12NE (NW) | 535 | 8 | 385088 204888 |
| 246 | Points of Interest - Manufacturing and Production Name: Industrial Estate Location: GL5 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location | A12NE (NW) | 566 | 8 | 385068 204917 |
| 247 | Points of Interest - Manufacturing and Production Name: Tank Location: GL5 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A18SW (N) | 577 | 8 | 385532 205254 |
| 248 | 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 | A17SE (NW) | 586 | 8 | 385161 205084 |
| 248 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A17SE (NW) | 586 | 8 | 385161 205084 |
| 249 | 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 | A18SE (N) | 635 | 8 | 385734 205308 |
| 249 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A18SE (N) | 635 | 8 | 385734 205308 |
| 250 | Points of Interest - Manufacturing and Production Name: Industrial Estate Location: GL5 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location | A12NE (NW) | 667 | 8 | 384968 204942 |
| 251 | 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 | A8SE (SE) | 779 | 8 | 385952 203894 |
| 251 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A8SE (SE) | 779 | 8 | 385952 203894 |
| 251 | 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 | A8SE (S) | 836 | 8 | 385941 203827 |
| 251 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A8SE (S) | 839 | 8 | 385940 203824 |

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| 252 | Points of Interest - Manufacturing and Production Name: Enercon UK Location: Axiom House, Station Road, Stroud, GL5 3AP Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location | A17SE (NW) | 784 | 8 | 384971 205169 |
| 252 | Points of Interest - Manufacturing and Production Name: Ecotricity Location: Axiom House, Station Road, Stroud, GL5 3AP Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location | A17SE (NW) | 785 | 8 | 384971 205169 |
| 252 | Points of Interest - Manufacturing and Production Name: Enercon UK Location: Axiom House, Station Road, Stroud, GL5 3AP Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location | A17SE (NW) | 785 | 8 | 384971 205169 |
| 253 | Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A18NW (N) | 816 | 8 | 385392 205470 |
| 253 | Points of Interest - Manufacturing and Production Name: Bespoke Stone Location: 36-40 Slad Road, Stroud, GL5 1QW Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location | A18NW (N) | 817 | 8 | 385406 205474 |
| 253 | Points of Interest - Manufacturing and Production Name: Factory Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location | A18NW (N) | 822 | 8 | 385401 205479 |
| 254 | 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 | A18NW (N) | 833 | 8 | 385317 205466 |
| 254 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A18NW (N) | 833 | 8 | 385317 205466 |
| 254 | 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 | A18NW (N) | 834 | 8 | 385311 205465 |
| 254 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A18NW (N) | 834 | 8 | 385311 205465 |
| 255 | 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 | A12NW (W) | 840 | 8 | 384793 204971 |
| 255 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A12NW (W) | 842 | 8 | 384790 204970 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 255 | Points of Interest - Manufacturing and Production Name: Wallbridge Industrial Estate Location: GL5 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location | A17SW (NW) | 884 | 8 | 384766 205021 |
| 256 | 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 | A9SW (SE) | 869 | 8 | 385980 203808 |
| 256 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A9SW (SE) | 869 | 8 | 385979 203807 |
| 256 | 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 | A8SE (S) | 870 | 8 | 385949 203794 |
| 256 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A8SE (S) | 872 | 8 | 385948 203791 |
| 256 | 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 | A9SW (S) | 879 | 8 | 385969 203792 |
| 256 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A9SW (S) | 880 | 8 | 385968 203791 |
| 256 | 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 | A9SW (S) | 900 | 8 | 385981 203774 |
| 256 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A9SW (S) | 902 | 8 | 385980 203772 |
| 256 | 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 | A9SW (S) | 915 | 8 | 385977 203757 |
| 256 | Points of Interest - Manufacturing and Production Name: Works Location: GL5 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A9SW (S) | 917 | 8 | 385976 203754 |
| 257 | Points of Interest - Manufacturing and Production Name: The Old Convent Location: The Old Convent, Beeches Green, Stroud, GL5 4AD Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location | A17NE (NW) | 953 | 8 | 384991 205424 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 257 | Points of Interest - Manufacturing and Production Name: Old Convent Location: The Old Convent, Beeches Green, Stroud, GL5 4AD Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location | A17NE (NW) | 953 | 8 | 384992 205425 |
| 257 | Points of Interest - Manufacturing and Production Name: The Old Convent (Community Workshops) Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location | A17NE (NW) | 956 | 8 | 384958 205400 |
| 257 | Points of Interest - Manufacturing and Production Name: Old Convent Location: Former Chapel the Old Convent, Beeches Green, Stroud, GL5 4AD Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location | A17NW (NW) | 972 | 8 | 384941 205407 |
| 258 | Points of Interest - Manufacturing and Production Name: Tank Location: GL5 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location | A18NE (N) | 976 | 8 | 385835 205635 |
| 259 | Points of Interest - Public Infrastructure Name: BP Service Station Snax 24 - Stroud Location: London Road, Stroud, GL5 2AX Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location | A13NW (N) | 0 | 8 | 385618 204654 |
| 259 | Points of Interest - Public Infrastructure Name: Bristol Street Motors Location: London Road, Stroud, GL5 2AX Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location | A13NW (N) | 0 | 8 | 385618 204655 |
| 259 | Points of Interest - Public Infrastructure Name: Snax 24 Ltd Location: London Road, Stroud, GL5 2AX Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location | A13SW (W) | 35 | 8 | 385568 204631 |
| 259 | Points of Interest - Public Infrastructure Name: Sluice Location: GL5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location | A13SW (SW) | 106 | 8 | 385554 204540 |
| 259 | Points of Interest - Public Infrastructure Name: Sluice Location: GL5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location | A13SW (SW) | 108 | 8 | 385550 204541 |
| 260 | Points of Interest - Public Infrastructure Name: BP Service Station Location: Rontec Stroud, London Road, Stroud, GL5 2AX Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location | A13SE (S) | 110 | 8 | 385679 204504 |
| 260 | Points of Interest - Public Infrastructure Name: Rss Stroud Location: London, Road, Stroud, GL5 2AT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location | A13SE (SE) | 110 | 8 | 385681 204505 |
| 260 | Points of Interest - Public Infrastructure Name: BP Services Snax 24 - Stroud Location: London Road, Stroud, GL5 2AT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location | A13SE (SE) | 112 | 8 | 385682 204504 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 260 | Points of Interest - Public Infrastructure Name: Snax 24 - Stroud Location: London Road, Stroud, GL5 2AT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location | A13SE (SE) | 112 | 8 | 385682 204504 |
| 261 | Points of Interest - Public Infrastructure Name: Stagecoach Location: Bus Depot, Bowbridge, Stroud, GL5 2LA Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location | A13SE (SE) | 348 | 8 | 385850 204331 |
| 261 | Points of Interest - Public Infrastructure Name: Stagecoach Location: Stagecoach in the Cotswolds, London Road, Stroud, GL5 2LA Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location | A13SE (SE) | 348 | 8 | 385850 204331 |
| 262 | Points of Interest - Public Infrastructure Name: Sluice Location: GL5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location | A8NE (S) | 389 | 8 | 385765 204239 |
| 262 | Points of Interest - Public Infrastructure Name: Sluice Location: GL5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location | A8NE (S) | 390 | 8 | 385770 204240 |
| 263 | Points of Interest - Public Infrastructure Name: John Stayte Services (Lpg) Location: Dr Newtons Way, Fromeside, Stroud, GL5 3JX Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location | A12NE (W) | 550 | 8 | 385068 204877 |
| 264 | Points of Interest - Public Infrastructure Name: The Furniture Recycling Project Location: 10 John Street, Stroud, GL5 2HA Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location | A17SE (NW) | 583 | 8 | 385171 205089 |
| 265 | Points of Interest - Public Infrastructure Name: Stroud Police Station Location: Parliament Street, Stroud, GL5 1QQ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location | A18SW (NW) | 618 | 8 | 385310 205231 |
| 265 | Points of Interest - Public Infrastructure Name: Stroud Police Station Location: Parliament Street, Stroud, GL5 1QQ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location | A18SW (NW) | 618 | 8 | 385311 205231 |
| 266 | Points of Interest - Public Infrastructure Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location | A14NW (E) | 627 | 8 | 386286 204686 |
| 266 | Points of Interest - Public Infrastructure Name: Cemetery Location: GL5 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location | A14NE (E) | 638 | 8 | 386297 204686 |
| 267 | Points of Interest - Public Infrastructure Name: Stroud Town Cemetery Location: GL5 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location | A14NW (E) | 634 | 8 | 386275 204802 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|--|--|------------------------------|---------|------------------|
| 268 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Stroud (Glos) Rail Station Location: GL5 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location</p> | A17SE (NW) | 778 | 8 | 384949 205129 |
| 268 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Stroud Station Location: Station Road, GL5 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location</p> | A17SE (NW) | 778 | 8 | 384949 205129 |
| 269 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Stagecoach in the Cotswolds Location: Unit 36-37, King Street, Stroud, GL5 3DA Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location</p> | A17SE (NW) | 798 | 8 | 385059 205279 |
| 269 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Stagecoach Location: Merrywalks, Stroud, GL5 1QA Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location</p> | A17NE (NW) | 888 | 8 | 385021 205365 |
| 269 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Bus Station Location: GL5 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to an adjacent address or location</p> | A17NE (NW) | 889 | 8 | 384992 205341 |
| 270 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Dam Location: GL5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p> | A17SW (NW) | 817 | 8 | 384862 205065 |
| 271 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Sluice Location: GL5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p> | A8SE (S) | 844 | 8 | 385916 203810 |
| 271 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Sluice Location: GL5 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location</p> | A8SE (S) | 851 | 8 | 385924 203805 |
| 272 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Cemetery Location: GL6 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location</p> | A14NE (E) | 857 | 8 | 386503 204801 |
| 272 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location</p> | A14NE (E) | 864 | 8 | 386510 204802 |
| 273 | <p>Points of Interest - Public Infrastructure</p> <p>Name: Stagecoach Location: Willow Court, Beeches Green, Stroud, GL5 4BJ Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location</p> | A17NE (NW) | 887 | 8 | 385102 205422 |
| 274 | <p>Points of Interest - Recreational and Environmental</p> <p>Name: Playground Location: GL5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p> | A13SW (W) | 72 | 8 | 385529 204618 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 275 | <p>Points of Interest - Recreational and Environmental</p> <p>Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p> | A14SW (E) | 361 | 8 | 386019 204615 |
| 275 | <p>Points of Interest - Recreational and Environmental</p> <p>Name: Play Area Location: GL5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p> | A14SW (E) | 383 | 8 | 386042 204631 |
| 276 | <p>Points of Interest - Recreational and Environmental</p> <p>Name: Play Area Location: GL5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p> | A14NW (E) | 500 | 8 | 386120 204844 |
| 277 | <p>Points of Interest - Recreational and Environmental</p> <p>Name: Play Area Location: GL5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p> | A18SE (N) | 540 | 8 | 385693 205219 |
| 278 | <p>Points of Interest - Recreational and Environmental</p> <p>Name: Play Area Location: GL5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p> | A12SW (W) | 759 | 8 | 384861 204421 |
| 279 | <p>Points of Interest - Recreational and Environmental</p> <p>Name: Play Area Location: GL5 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location</p> | A18NW (N) | 876 | 8 | 385347 205521 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|--------|---|--|------------------------------|---------|------------------|
| 280 | <p>Areas of Outstanding Natural Beauty</p> <p>Name: Cotswolds Multiple Areas: N Total Area (m2): 2041091141.3572416 Designation Date: 30th August 1966 Source: Natural England</p> | A13SW (SW) | 205 | 9 | 385462 204490 |
| 281 | <p>Environmentally Sensitive Areas</p> <p>Name: Cotswold Hills (decommissioned) Multiple Areas: N Total Area (m2): 857494446.44 Source: Natural England</p> | A13SW (SW) | 212 | 9 | 385456 204488 |
| 282 | <p>Local Nature Reserves</p> <p>Name: Bisley Road Cemetery Multiple Area: Y Area (m2): 64854.97 Source: Natural England Designation Date: 10th October 2000</p> | A14NW (E) | 496 | 9 | 386143 204759 |
| 283 | <p>Nitrate Vulnerable Zones</p> <p>Name: Cotswold Jurassic Description: Groundwater Source: Environment Agency, Head Office</p> | A13NE (W) | 0 | 4 | 385620 204649 |
| 284 | <p>Nitrate Vulnerable Zones</p> <p>Name: Frome - Ebley Mill To Conf R Severn Nvz Description: Surface Water Source: Environment Agency, Head Office</p> | A13NE (W) | 0 | 4 | 385620 204649 |
| 285 | <p>Sites of Special Scientific Interest</p> <p>Name: Rodborough Common Multiple Areas: Y Total Area (m2): 1096305.25 Source: Natural England Reference: 1002627 Designation Details: Area Of Outstanding Natural Beauty Designation Date: 26th November 1986 Date Type: Notified Designation Details: Geological Conservation Review Designation Date: 26th November 1986 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 26th November 1986 Date Type: Notified Designation Details: National Trust Reserve Designation Date: 26th November 1986 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 26th November 1986 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 26th November 1986 Date Type: Notified</p> | A8NW (S) | 551 | 9 | 385554 204061 |
| 286 | <p>Special Areas of Conservation</p> <p>Name: Rodborough Common Multiple Areas: Y Total Area (m2): 1093758.72 Source: Natural England Reference: UK0012826 Status: Designated</p> | A8NW (S) | 551 | 9 | 385554 204061 |

| Agency & Hydrological | Version | Update Cycle |
|---|--|--|
| Contaminated Land Register Entries and Notices Environment Agency - Head Office Stroud District Council - Housing and Environmental Services Cotswold District Council - Environmental Health Department | June 2020 October 2017 September 2017 | Annually Annual Rolling Update Annual Rolling Update |
| Discharge Consents Environment Agency - Midlands Region | January 2023 | Quarterly |
| Enforcement and Prohibition Notices Environment Agency - Midlands Region Environment Agency - Thames Region | March 2013 March 2013 | |
| Integrated Pollution Controls Environment Agency - Midlands Region Environment Agency - Thames Region | January 2009 January 2009 | |
| Integrated Pollution Prevention And Control Environment Agency - Midlands Region Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region | January 2023 January 2023 January 2023 | Quarterly Quarterly Quarterly |
| Local Authority Integrated Pollution Prevention And Control Cotswold District Council - Environmental Health Department Stroud District Council - Environmental Health Department | November 2015 October 2014 | Variable Variable |
| Local Authority Pollution Prevention and Controls Cotswold District Council - Environmental Health Department Stroud District Council - Environmental Health Department | November 2015 October 2014 | Not Applicable Annual Rolling Update |
| Local Authority Pollution Prevention and Control Enforcements Cotswold District Council - Environmental Health Department Stroud District Council - Environmental Health Department | November 2015 October 2014 | Variable Variable |
| Nearest Surface Water Feature Ordnance Survey | January 2023 | |
| Pollution Incidents to Controlled Waters Environment Agency - Midlands Region | December 1999 | |
| Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region Environment Agency - Thames Region | July 2015 July 2015 | |
| Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region Environment Agency - Thames Region | March 2013 March 2013 | |
| Registered Radioactive Substances Environment Agency - Midlands Region Environment Agency - Thames Region | June 2016 June 2016 | As notified As notified |
| River Quality Environment Agency - Head Office | November 2001 | Not Applicable |
| River Quality Biology Sampling Points Environment Agency - Head Office | April 2012 | |
| River Quality Chemistry Sampling Points Environment Agency - Head Office | April 2012 | |
| Substantiated Pollution Incident Register Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - West Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area | January 2023 January 2023 January 2023 January 2023 | Quarterly Quarterly Quarterly Quarterly |
| Water Abstractions Environment Agency - Midlands Region | April 2023 | Quarterly |

| Agency & Hydrological | Version | Update Cycle |
|---|------------------------------|--------------|
| Water Industry Act Referrals Environment Agency - Midlands Region Environment Agency - Thames Region | October 2017 October 2017 | |
| Groundwater Vulnerability Map Environment Agency - Head Office | June 2018 | As notified |
| Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office | June 2018 | As notified |
| Bedrock Aquifer Designations Environment Agency - Head Office | January 2018 | Annually |
| Superficial Aquifer Designations Environment Agency - Head Office | January 2018 | Annually |
| Source Protection Zones Environment Agency - Head Office | September 2022 | Bi-Annually |
| Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office | February 2023 | Quarterly |
| Flooding from Rivers or Sea without Defences Environment Agency - Head Office | February 2023 | Quarterly |
| Areas Benefiting from Flood Defences Environment Agency - Head Office | February 2023 | Quarterly |
| Flood Water Storage Areas Environment Agency - Head Office | February 2023 | Quarterly |
| Flood Defences Environment Agency - Head Office | August 2022 | Quarterly |
| OS Water Network Lines Ordnance Survey | January 2023 | Quarterly |
| Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office | May 2018 | Annually |
| Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office | May 2018 | Annually |
| Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office | May 2018 | Annually |
| Surface Water Suitability Environment Agency - Head Office | February 2016 | Annually |
| BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service | May 2013 | As notified |

| Waste | Version | Update Cycle |
|--|--|--|
| BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service | November 2002 | As notified |
| Historical Landfill Sites Environment Agency - Head Office | March 2023 | Quarterly |
| Integrated Pollution Control Registered Waste Sites Environment Agency - Midlands Region Environment Agency - Thames Region | January 2009 January 2009 | Not Applicable Not Applicable |
| Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - West Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area | January 2023 January 2023 January 2023 January 2023 | Quarterly Quarterly Quarterly Quarterly |
| Licensed Waste Management Facilities (Locations) Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - West Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area | January 2023 January 2023 January 2023 January 2023 | Quarterly Quarterly Quarterly Quarterly |
| Local Authority Landfill Coverage Cotswold District Council - Environmental Health Department Gloucestershire County Council Stroud District Council - Environmental Health Department | February 2003 February 2003 February 2003 | Not Applicable Not Applicable Not Applicable |
| Local Authority Recorded Landfill Sites Cotswold District Council - Environmental Health Department Gloucestershire County Council Stroud District Council - Environmental Health Department | October 2018 October 2018 October 2018 | |
| Potentially Infilled Land (Non-Water) Landmark Information Group Limited | December 1999 | |
| Potentially Infilled Land (Water) Landmark Information Group Limited | December 1999 | |
| Registered Landfill Sites Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - West Area Environment Agency - Thames Region - West Area | March 2006 March 2006 March 2006 | Not Applicable Not Applicable Not Applicable |
| Registered Waste Transfer Sites Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - West Area Environment Agency - Thames Region - West Area | April 2018 April 2018 April 2018 | |
| Registered Waste Treatment or Disposal Sites Environment Agency - Midlands Region - Lower Severn Area Environment Agency - Midlands Region - West Area Environment Agency - Thames Region - West Area | June 2015 June 2015 June 2015 | |

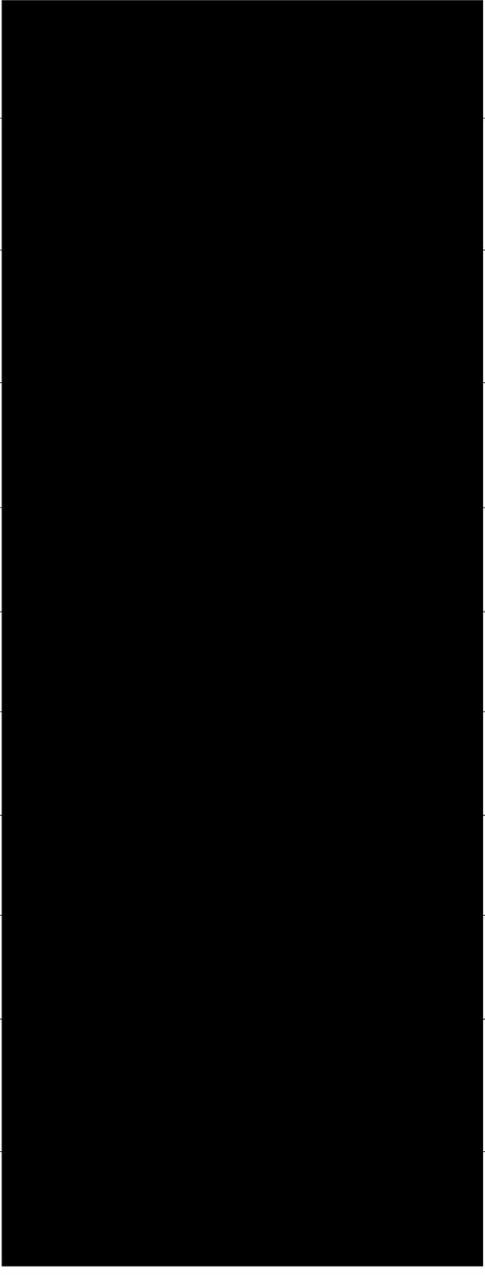
| Hazardous Substances | Version | Update Cycle |
|---|--|---|
| Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive | March 2023 | Bi-Annually |
| Explosive Sites Health and Safety Executive | March 2017 | Annually |
| Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive | August 2001 | |
| Planning Hazardous Substance Enforcements Gloucestershire County Council Cotswold District Council - Development Control Administration Stroud District Council | April 2008 April 2023 February 2016 | Annual Rolling Update Variable Variable |
| Planning Hazardous Substance Consents Gloucestershire County Council Cotswold District Council - Development Control Administration Stroud District Council | April 2008 February 2016 February 2016 | Annual Rolling Update Variable Variable |
| Geological | Version | Update Cycle |
| BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service | January 2009 | As notified |
| BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service | December 2015 | As notified |
| BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service | November 2022 | Bi-Annually |
| CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB) | August 2011 November 2020 | As notified |
| Coal Mining Affected Areas The Coal Authority - Property Searches | February 2023 | Annual Rolling Update |
| Mining Instability Ove Arup & Partners | June 1998 | 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 | April 2020 | As notified |
| Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service | September 2022 | Annually |
| Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service | September 2022 | Annually |

| Industrial Land Use | Version | Update Cycle |
|--|----------------|---------------------|
| Contemporary Trade Directory Entries Thomson Directories | January 2023 | Quarterly |
| Fuel Station Entries Catalist Ltd - Experian | February 2023 | Quarterly |
| Gas Pipelines National Grid | October 2021 | Bi-Annually |
| Points of Interest - Commercial Services PointX | March 2023 | Quarterly |
| Points of Interest - Education and Health PointX | March 2023 | Quarterly |
| Points of Interest - Manufacturing and Production PointX | March 2023 | Quarterly |
| Points of Interest - Public Infrastructure PointX | March 2023 | Quarterly |
| Points of Interest - Recreational and Environmental PointX | March 2023 | Quarterly |
| Underground Electrical Cables National Grid | February 2023 | Bi-Annually |

| Sensitive Land Use | Version | Update Cycle |
|---|--------------------------|------------------------|
| Ancient Woodland Natural England | February 2021 | Bi-Annually |
| Areas of Adopted Green Belt Cotswold District Council Stroud District Council | July 2022 July 2022 | Quarterly Quarterly |
| Areas of Unadopted Green Belt Cotswold District Council Stroud District Council | July 2022 July 2022 | Quarterly Quarterly |
| Areas of Outstanding Natural Beauty Natural England | August 2022 | Bi-Annually |
| Environmentally Sensitive Areas Natural England | January 2017 | |
| Forest Parks Forestry Commission | April 1997 | Not Applicable |
| Local Nature Reserves Natural England | March 2023 | Bi-Annually |
| Marine Nature Reserves Natural England | April 2023 | Bi-Annually |
| National Nature Reserves Natural England | February 2023 | Bi-Annually |
| National Parks Natural England | February 2018 | Bi-Annually |
| Nitrate Sensitive Areas Natural England | April 2023 | Not Applicable |
| Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office | April 2016 March 2023 | Bi-Annually |
| Ramsar Sites Natural England | March 2023 | Bi-Annually |
| Sites of Special Scientific Interest Natural England | March 2023 | Bi-Annually |
| Special Areas of Conservation Natural England | April 2023 | Bi-Annually |
| Special Protection Areas Natural England | April 2023 | Bi-Annually |

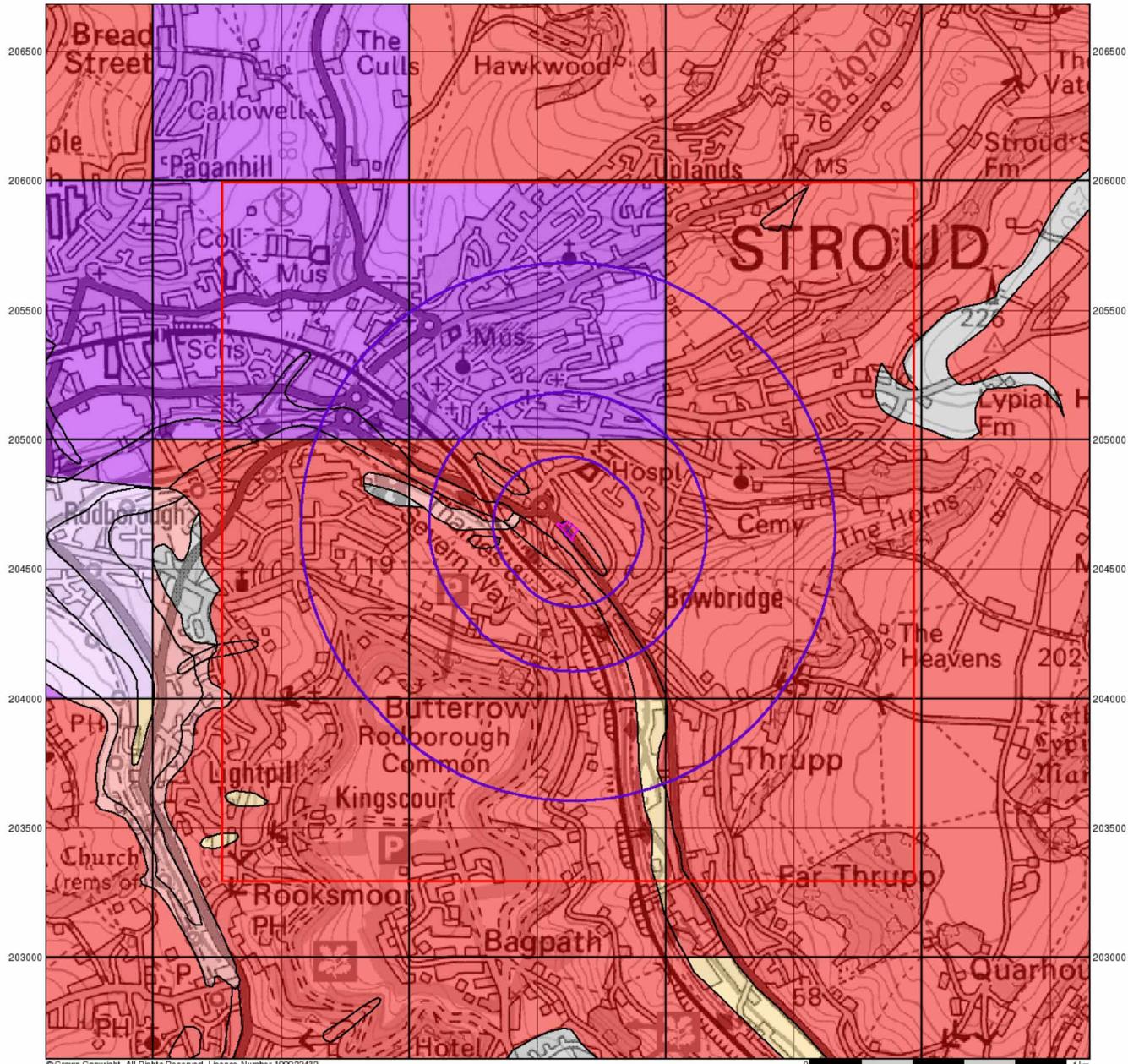
A selection of organisations who provide data within this report

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

| Contact | Name and Address | Contact Details |
|---------|--|---|
| 1 | British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG |  |
| 2 | Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY | |
| 3 | Stroud District Council - Environmental Health Department Ebley Mill, Westward Road, Stroud, Gloucestershire, GL5 4UB | |
| 4 | Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD | |
| 5 | Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS | |
| 6 | Gloucestershire County Council Shire Hall, Westgate Street, Gloucester, Gloucestershire, GL1 2TG | |
| 7 | Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN | |
| 8 | PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY | |
| 9 | Natural England County Hall, Spetchley Road, Worcester, WR5 2NP | |
| - | Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ | |
| - | Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD | |

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

384000 384500 385000 385500 386000 386500 387000 387500



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Groundwater Vulnerability

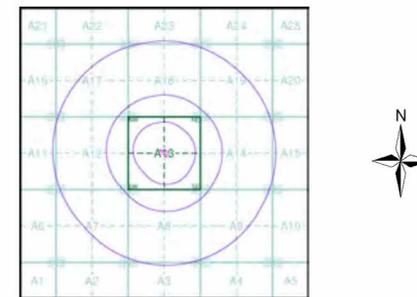
General

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

Agency and Hydrological

- | Bedrock Aquifers | Superficial Aquifers |
|---|---|
| High Vulnerability, Principal Aquifer | High Vulnerability, Principal Aquifer |
| High Vulnerability, Secondary Aquifer | High Vulnerability, Secondary Aquifer |
| Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Principal Aquifer |
| Medium Vulnerability, Secondary Aquifer | Medium Vulnerability, Secondary Aquifer |
| Low Vulnerability, Principal Aquifer | Low Vulnerability, Principal Aquifer |
| Low Vulnerability, Secondary Aquifer | Low Vulnerability, Secondary Aquifer |
| Unproductive Aquifer | |
| Soluble Rock | |

Site Sensitivity Context Map - Slice A



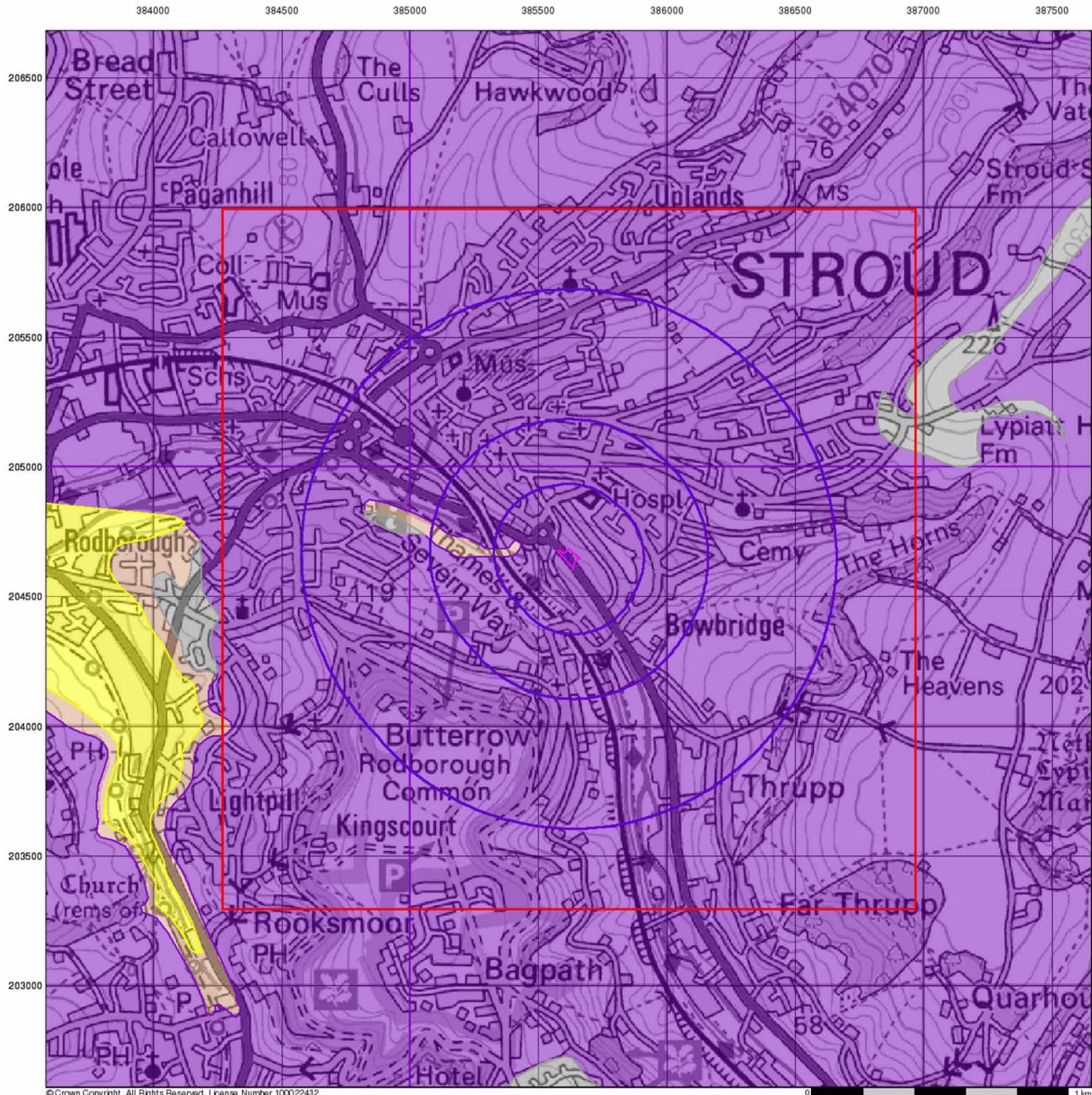
Order Details

Order Number: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





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0 1 km



Bedrock Aquifer Designation

General

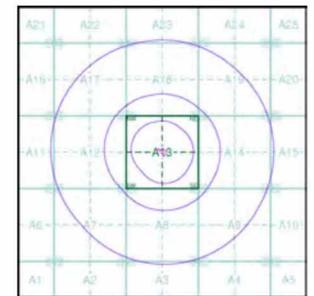
- ◆ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- Map ID

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



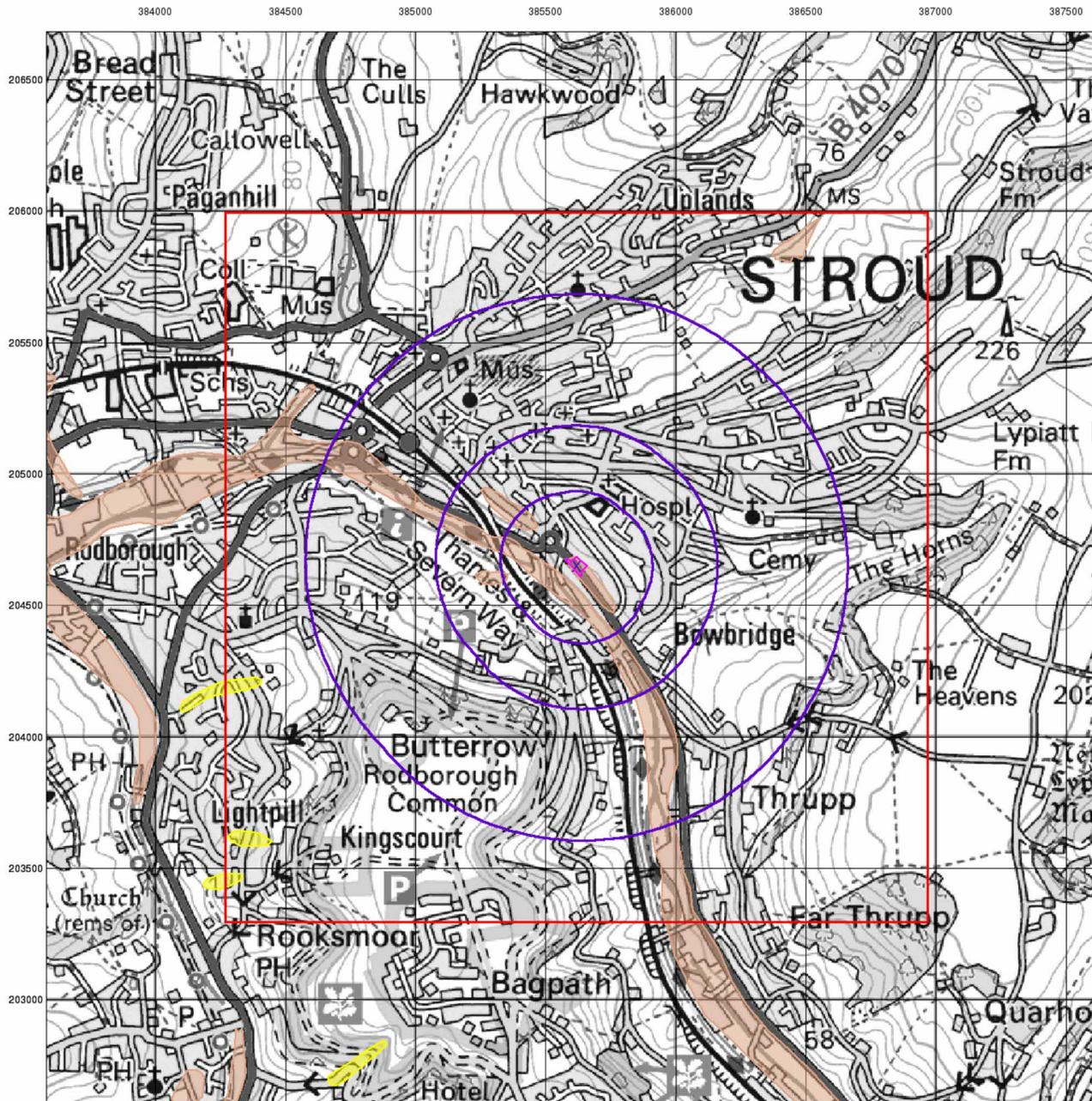
Order Details

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 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





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Superficial Aquifer Designation

General

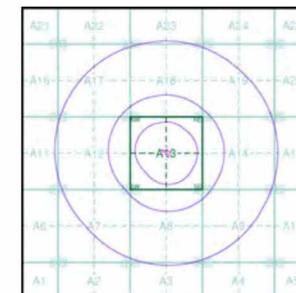
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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



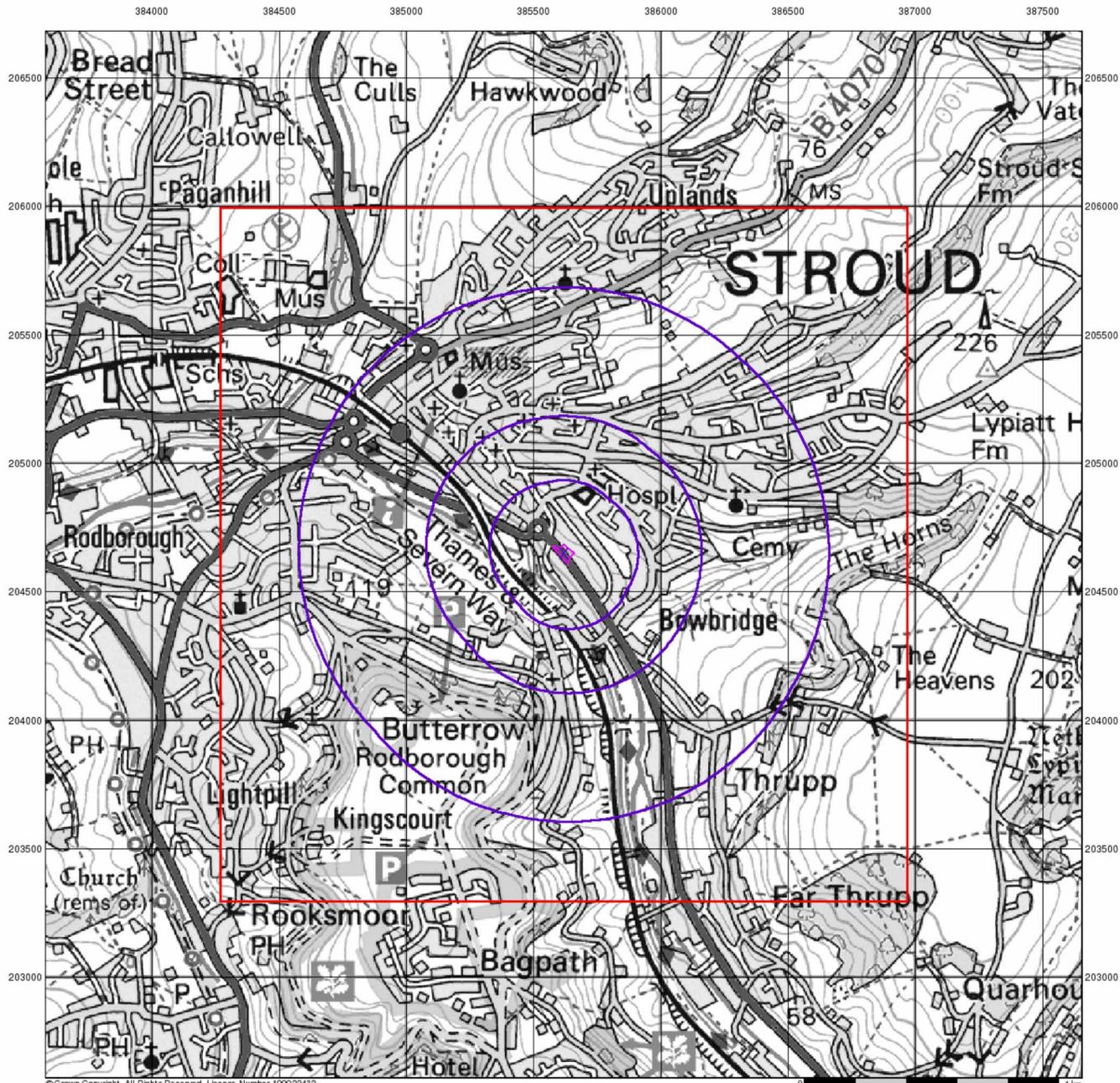
Order Details

Order Number: 310243174_1_1
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 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





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Source Protection Zones

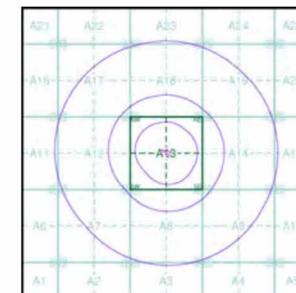
General

- ◆ 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)

Site Sensitivity Context Map - Slice A



Order Details

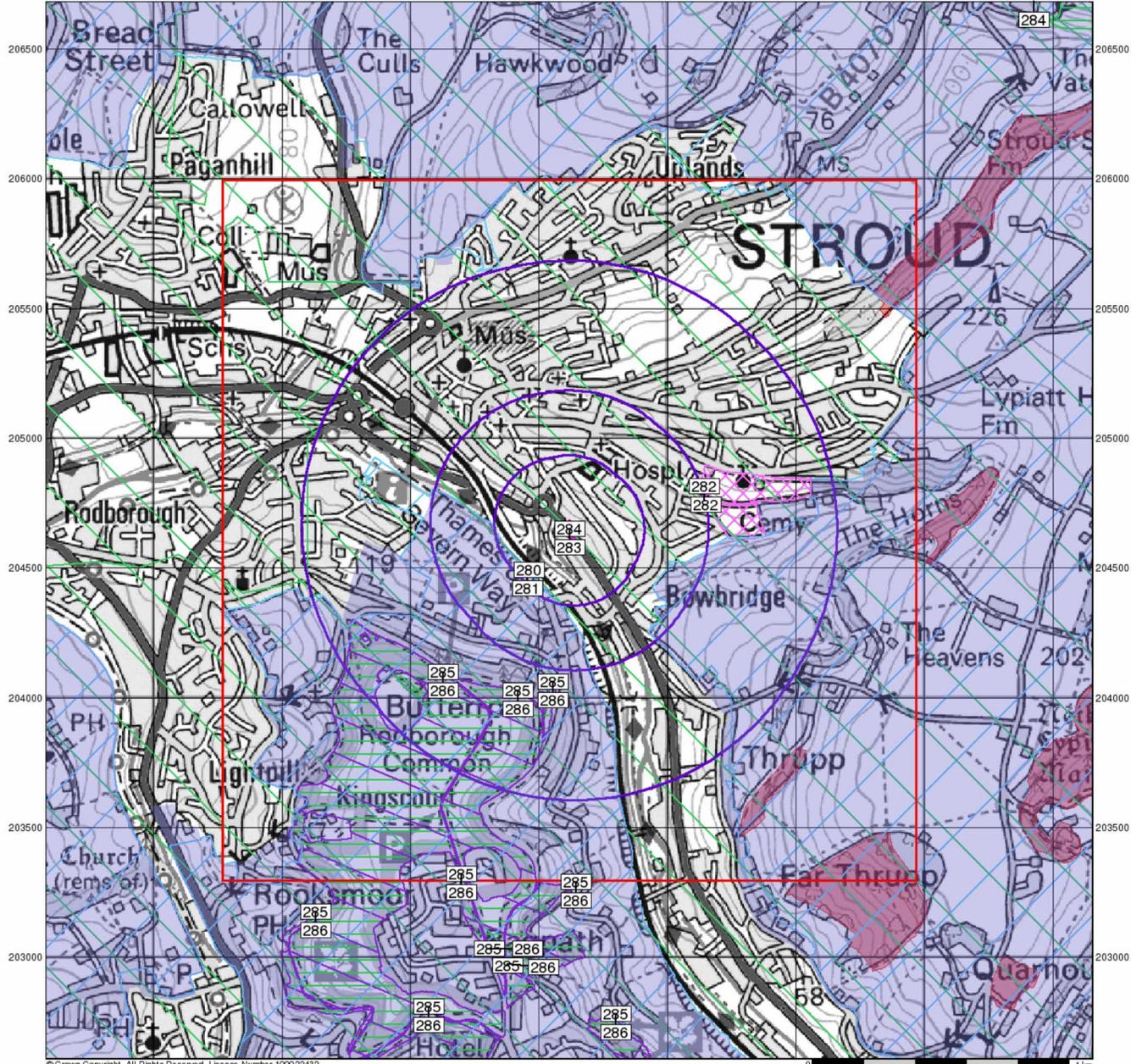
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 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX



384000 384500 385000 385500 386000 386500 387000 387500



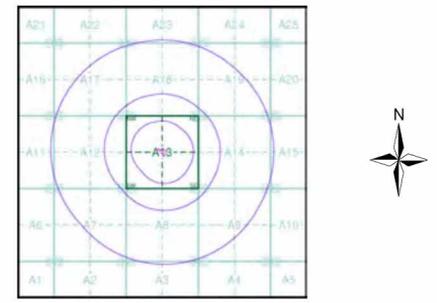
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Sensitive Land Uses

- 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



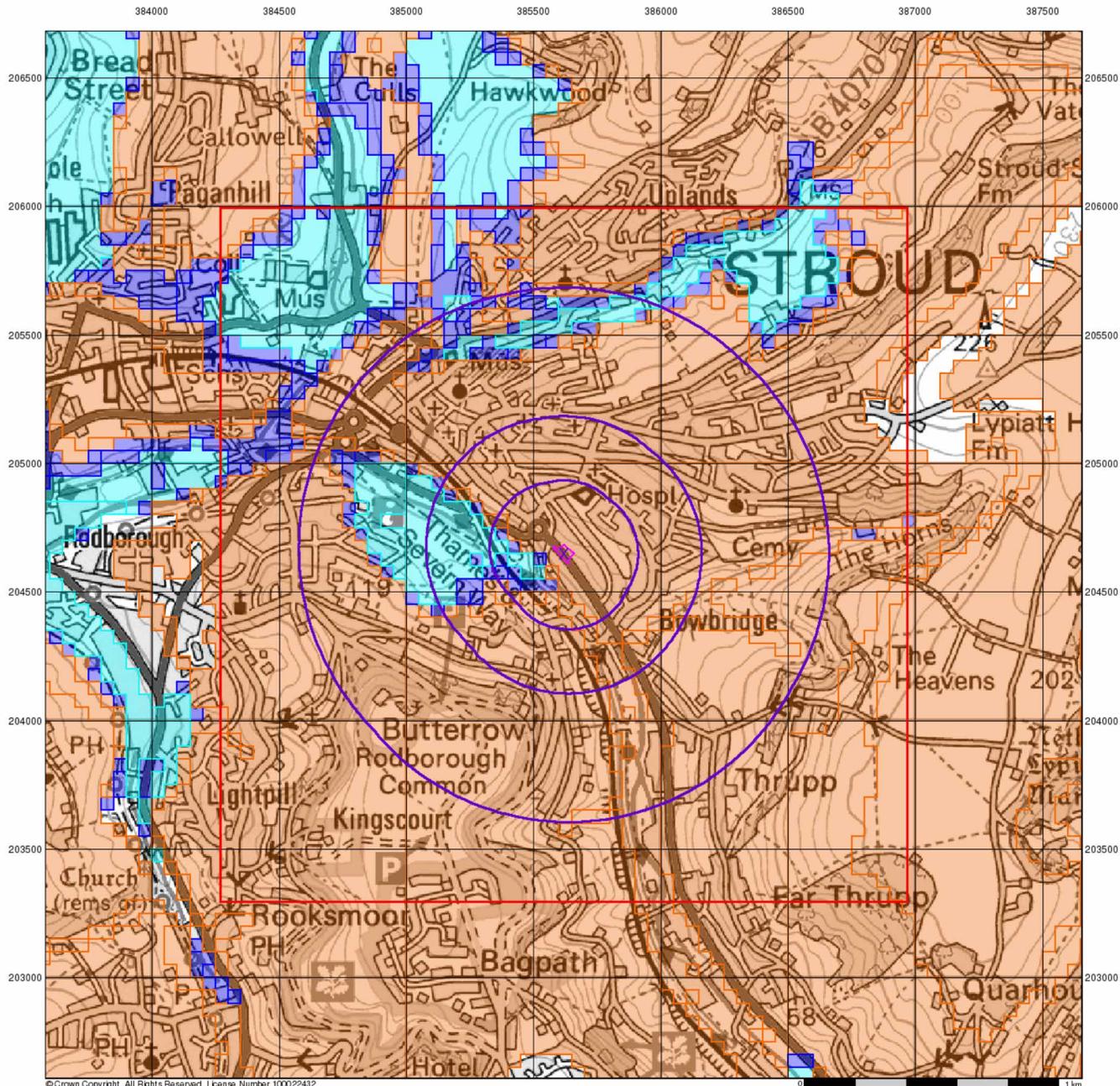
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 Slice: A
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 Search Buffer (m): 1000

Site Details

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BGS Flood GFS Data

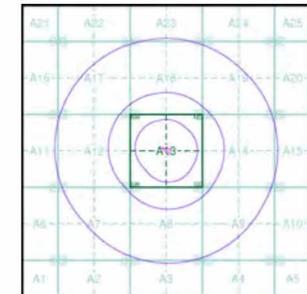
General

- 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: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX

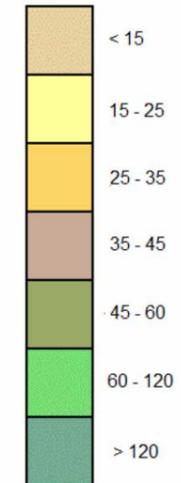


General

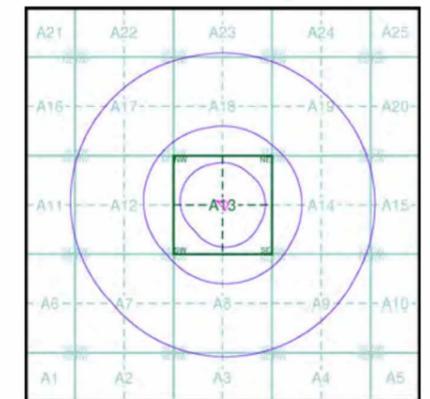
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

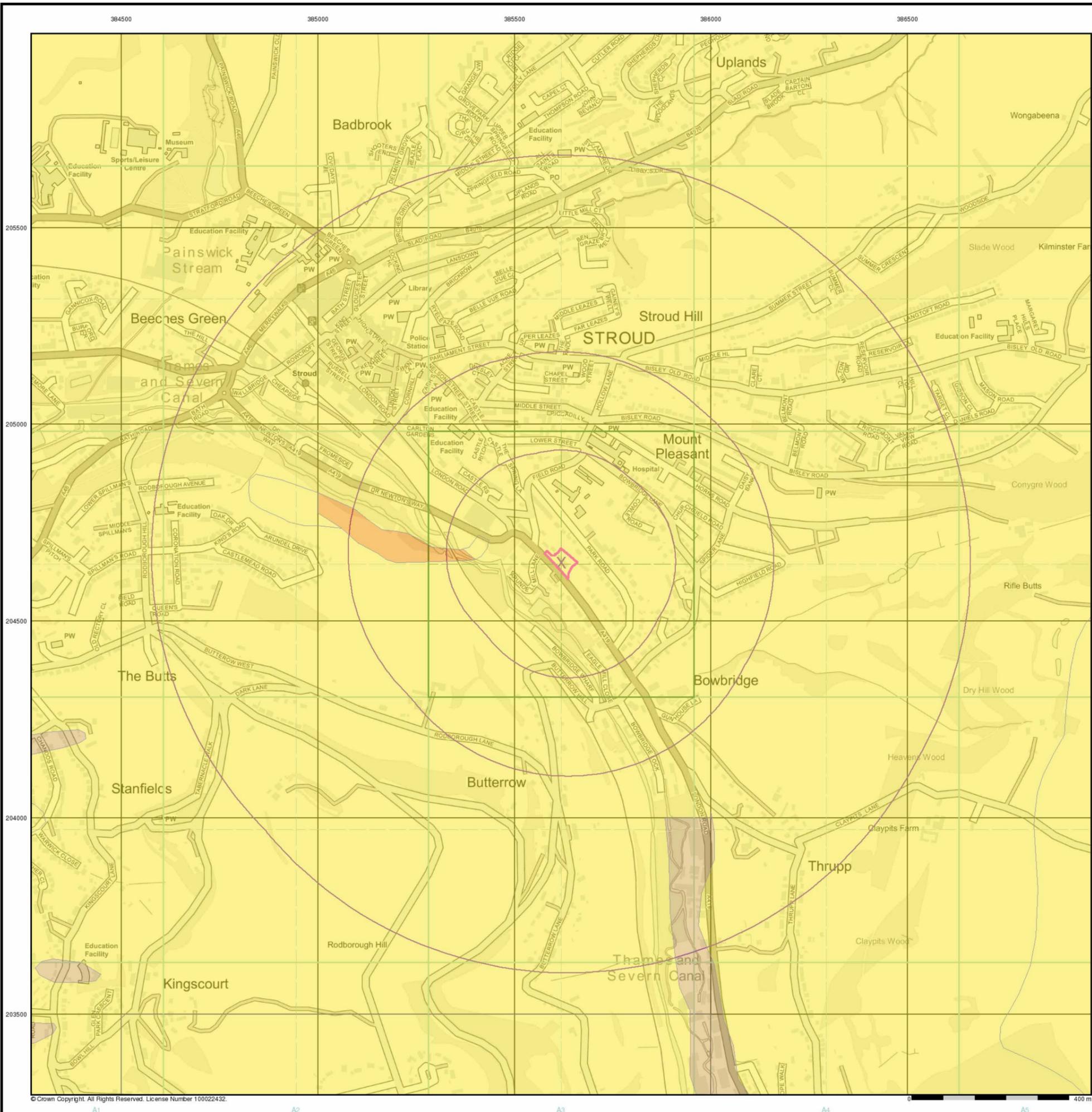


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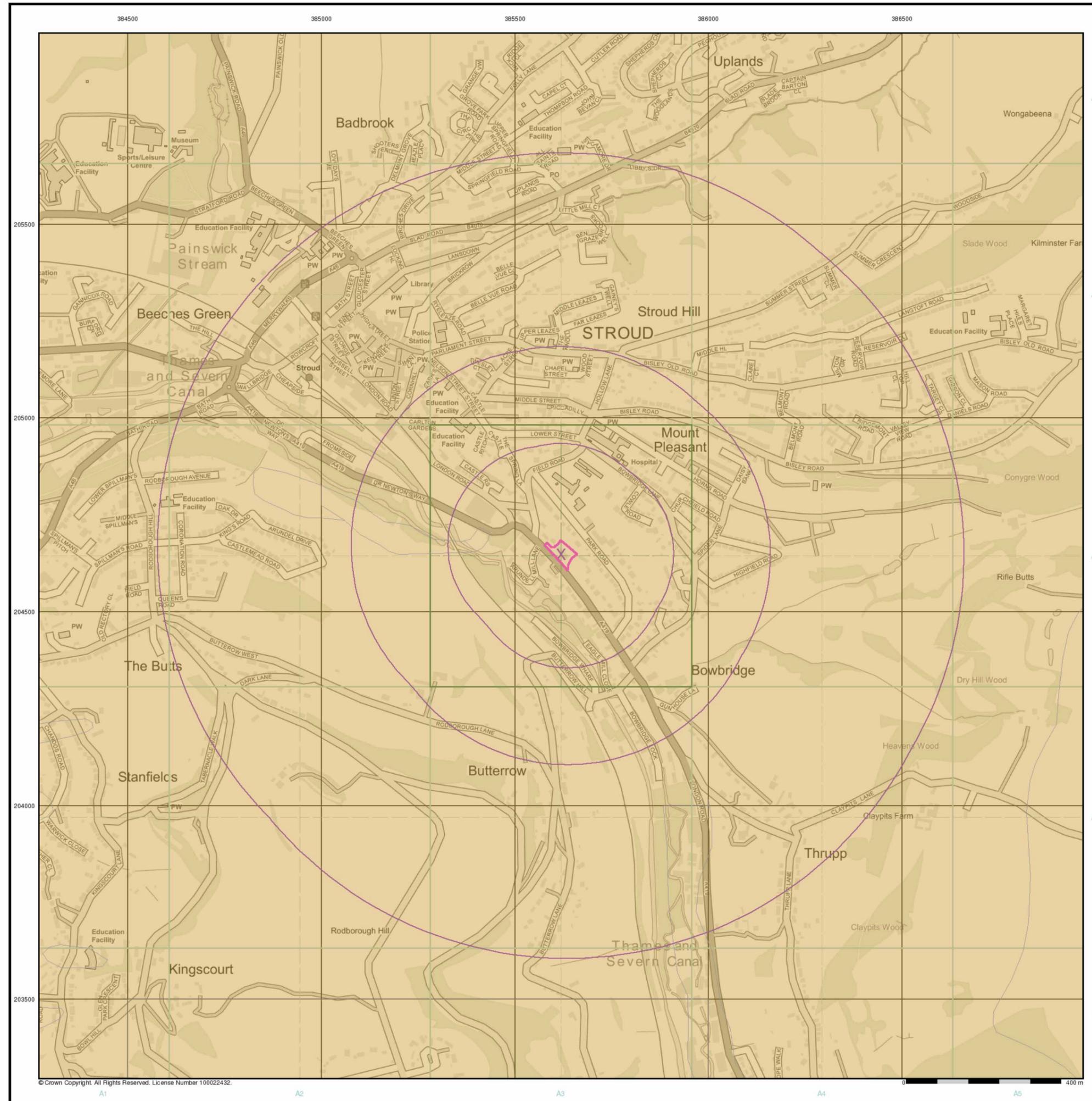
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 Customer Ref: 5125/TB
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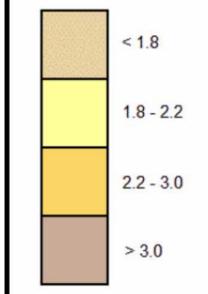


General

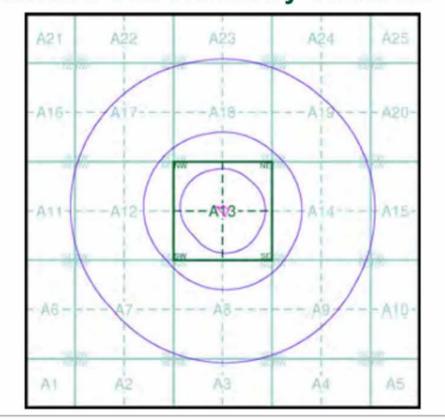
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

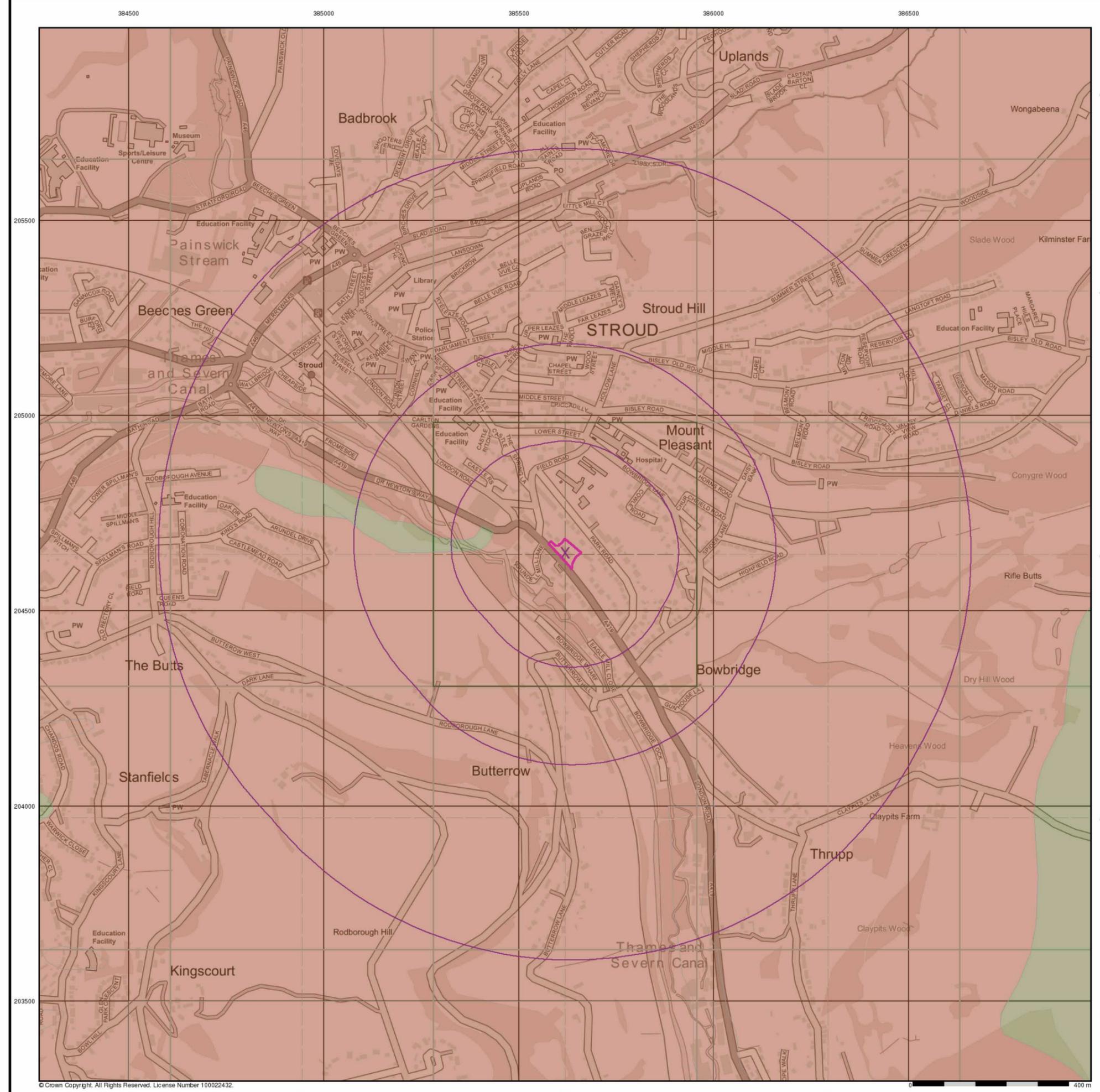


Order Details

Order Details: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details
 Bristol Street Ford, London Road, STROUD, GL5 2AX



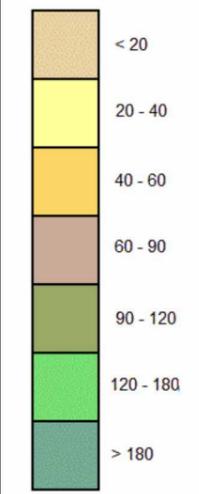


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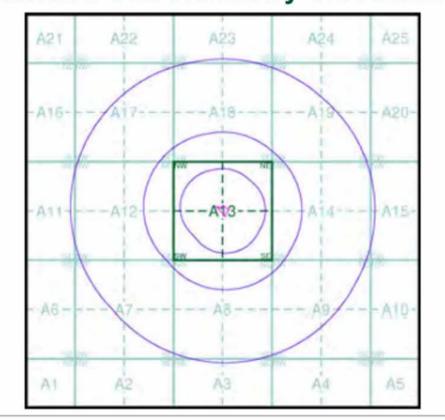
□ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

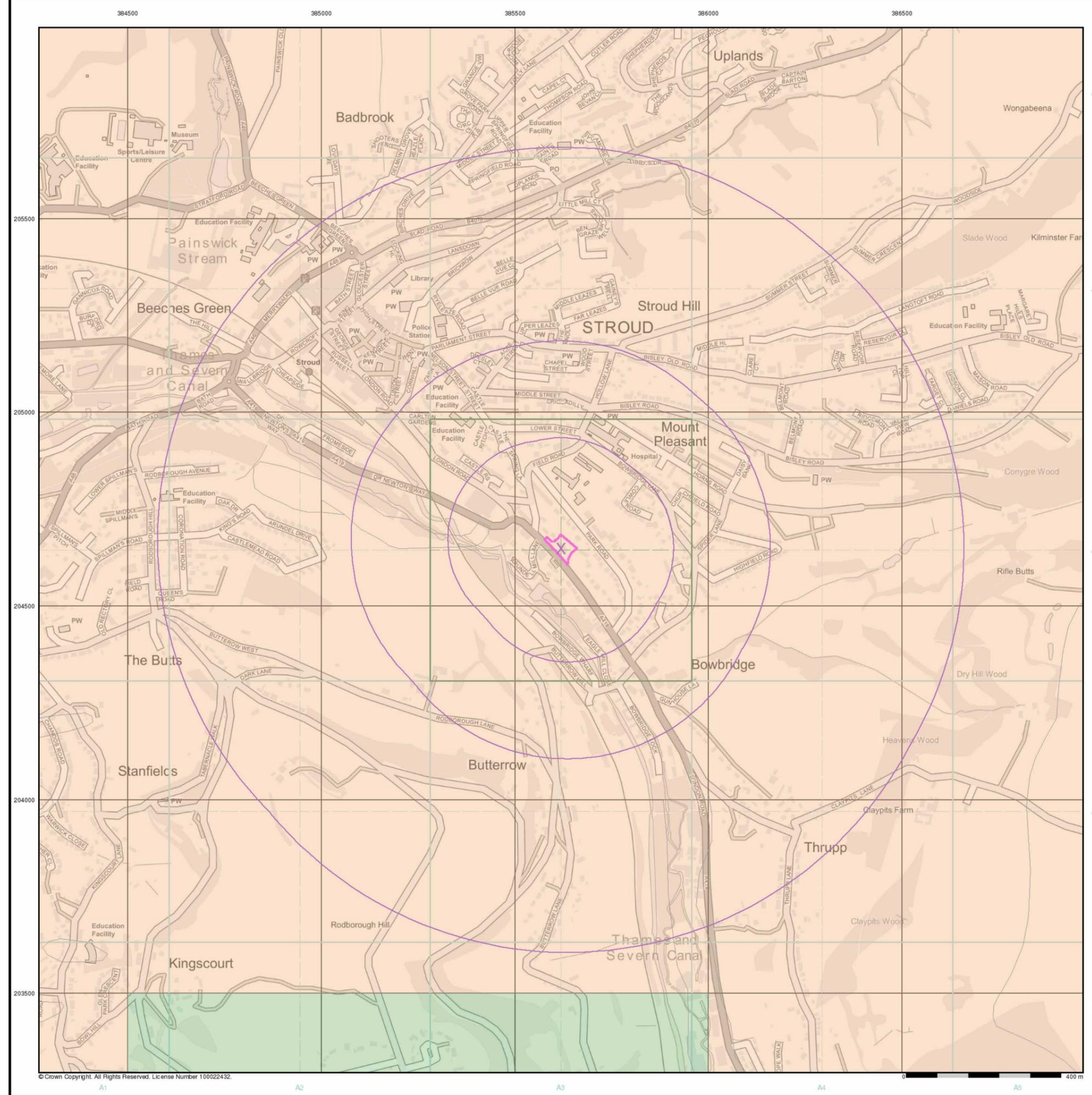


Order Details

Order Details: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details
 Bristol Street Ford, London Road, STROUD, GL5 2AX



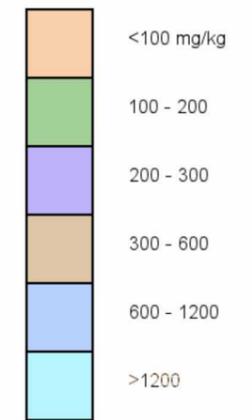


General

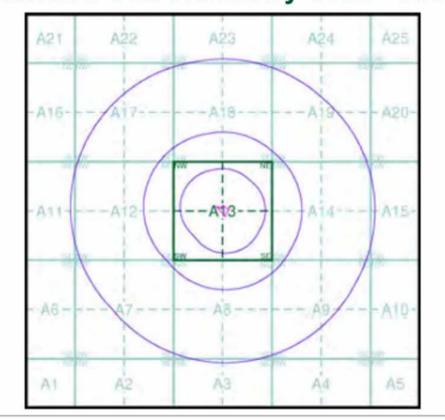
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX

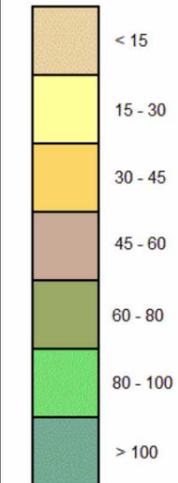


General

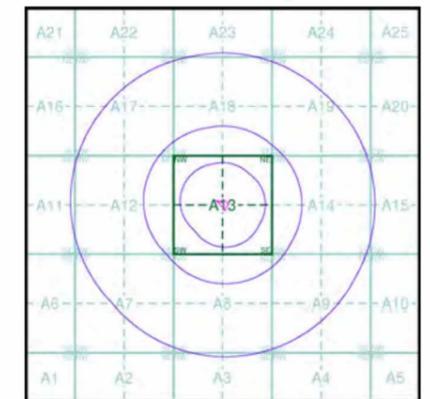
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

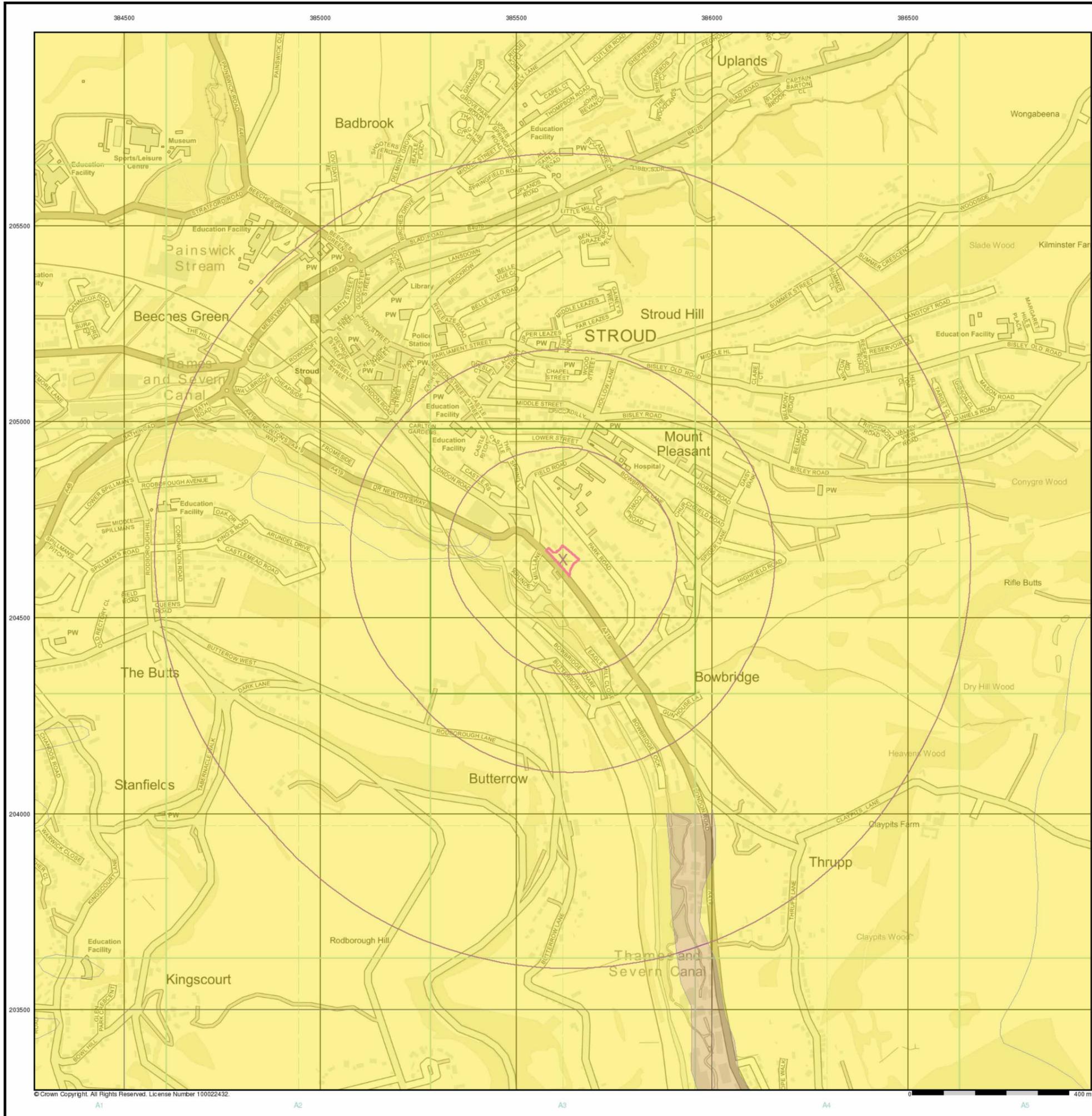


Order Details

Order Details: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX



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Gloucestershire

Published 1884

Source map scale - 1:500

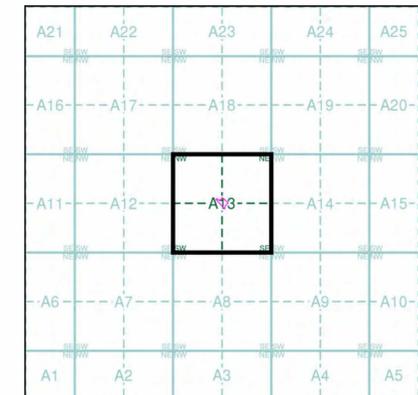
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to complement the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

| | | |
|------------|------------|------------|
| 049_03_005 | 049_04_001 | 049_04_002 |
| 1884 | 1884 | 1884 |
| 1:500 | 1:500 | 1:500 |
| 049_03_010 | 049_04_006 | 049_04_007 |
| 1884 | 1884 | 1884 |
| 1:500 | 1:500 | 1:500 |

Historical Town Plan - Segment A13

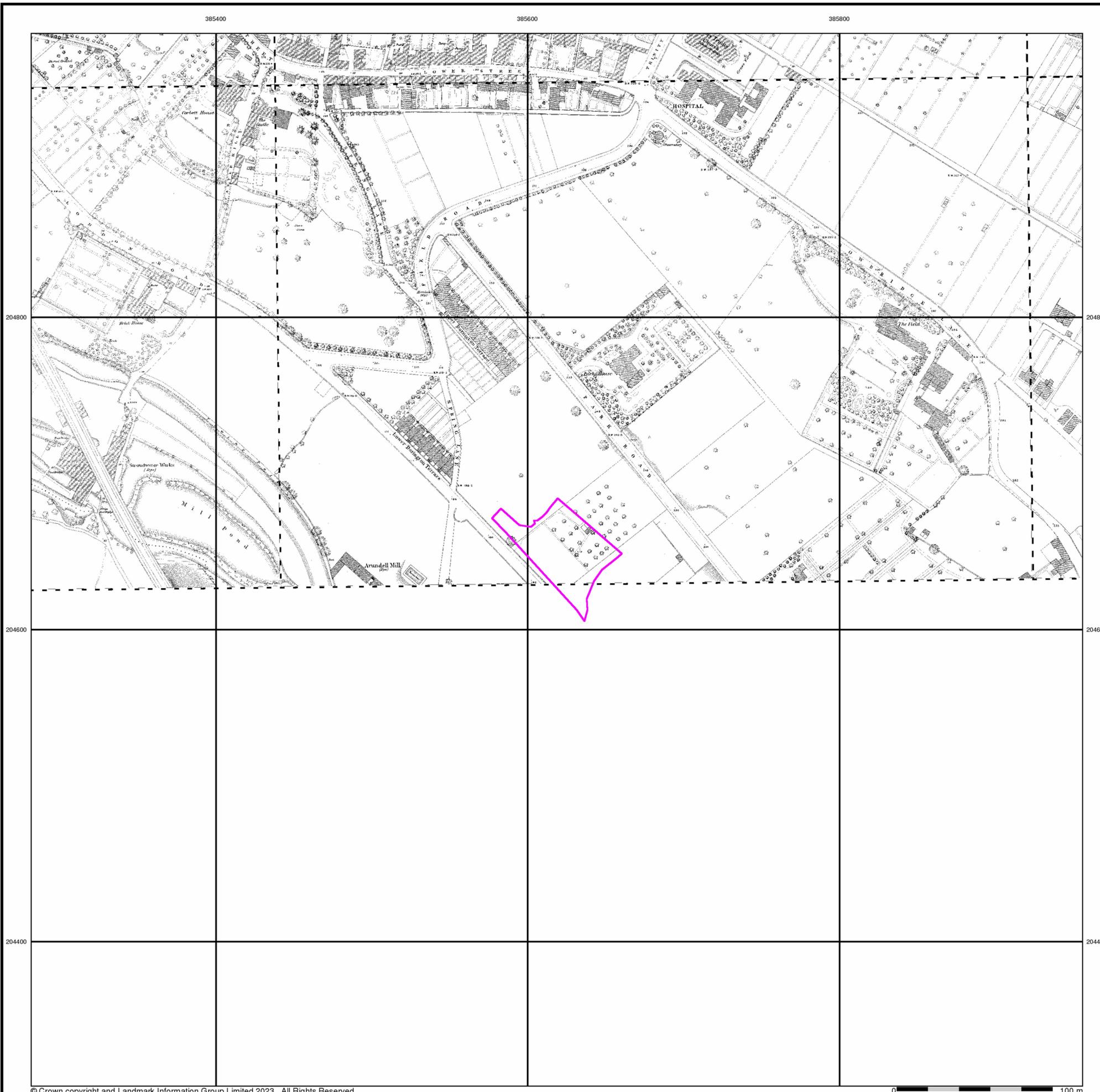


Order Details

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 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 0

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. Bridle Road **Pump**
E.P. Electricity Pylon **S.P. Signal Post**
F.B. Foot Bridge **Sluice**
F.P. Foot Path **Spring**
G.P. Guide Post or Board **T.C.B. Telephone Call Box**
M.S. Mile Stone **Trough**
M.P. M.R. Mooring Post or Ring **Well**

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

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

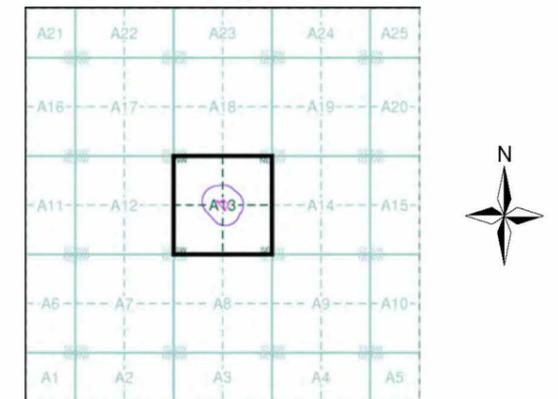
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Dismantled Railway** **Place of Worship**
Electricity Generating Station **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**



Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|--------------------------------|---------|-------------|----|
| Gloucestershire | 1:2,500 | 1885 | 2 |
| Gloucestershire | 1:2,500 | 1902 | 3 |
| Gloucestershire | 1:2,500 | 1922 - 1923 | 4 |
| Gloucestershire | 1:2,500 | 1936 | 5 |
| Ordnance Survey Plan | 1:1,250 | 1969 | 6 |
| Ordnance Survey Plan | 1:2,500 | 1970 | 7 |
| Additional SIMs | 1:1,250 | 1982 - 1988 | 8 |
| Additional SIMs | 1:1,250 | 1990 | 9 |
| Additional SIMs | 1:1,250 | 1990 | 10 |
| Large-Scale National Grid Data | 1:1,250 | 1994 | 11 |
| Historical Aerial Photography | 1:2,500 | 1999 | 12 |

Historical Map - Segment A13



Order Details

Order Number: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 100

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





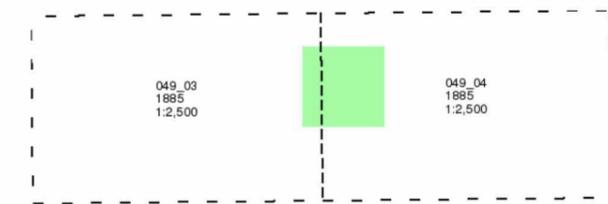
Gloucestershire

Published 1885

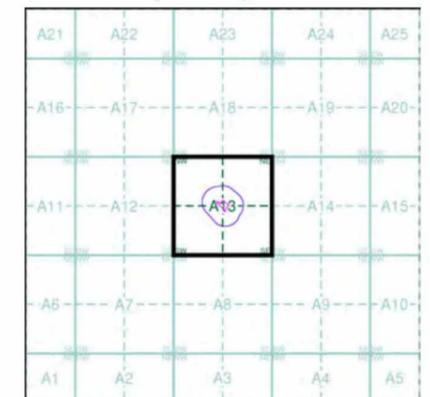
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

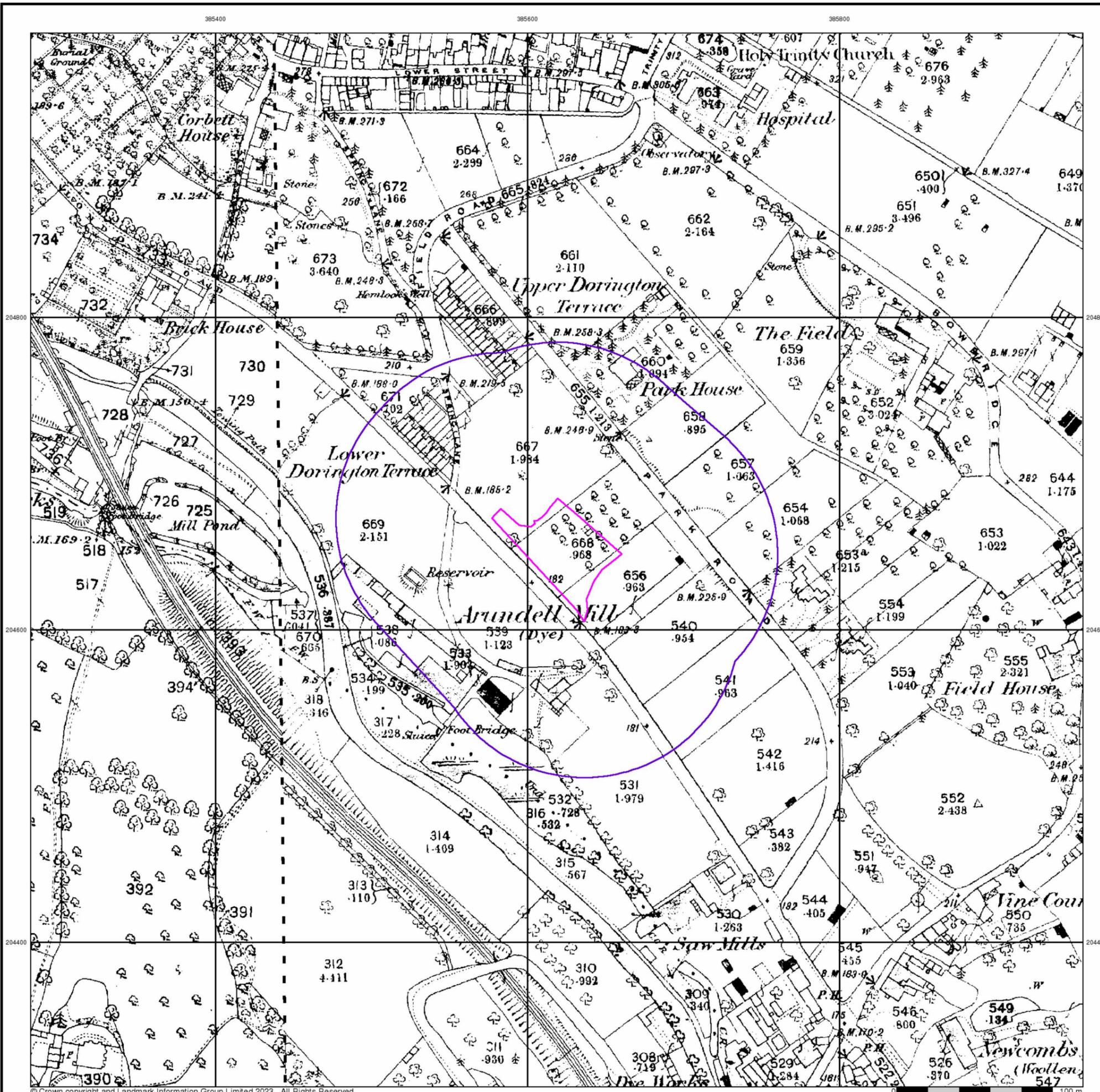


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Bristol Street Ford, London Road, STROUD, GL5 2AX





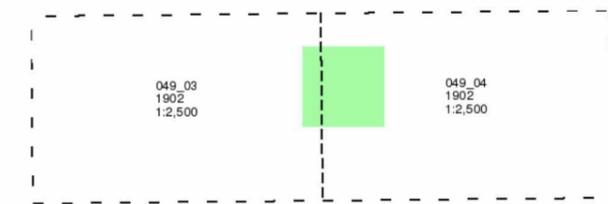
Gloucestershire

Published 1902

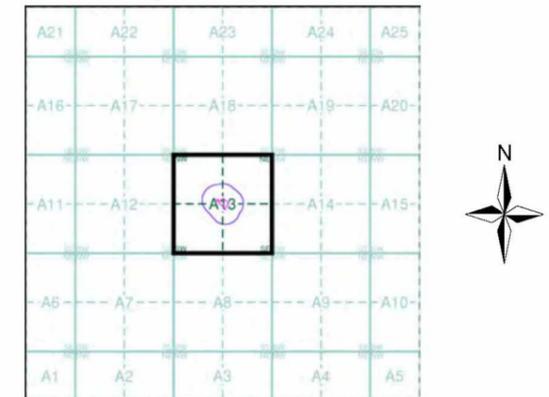
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

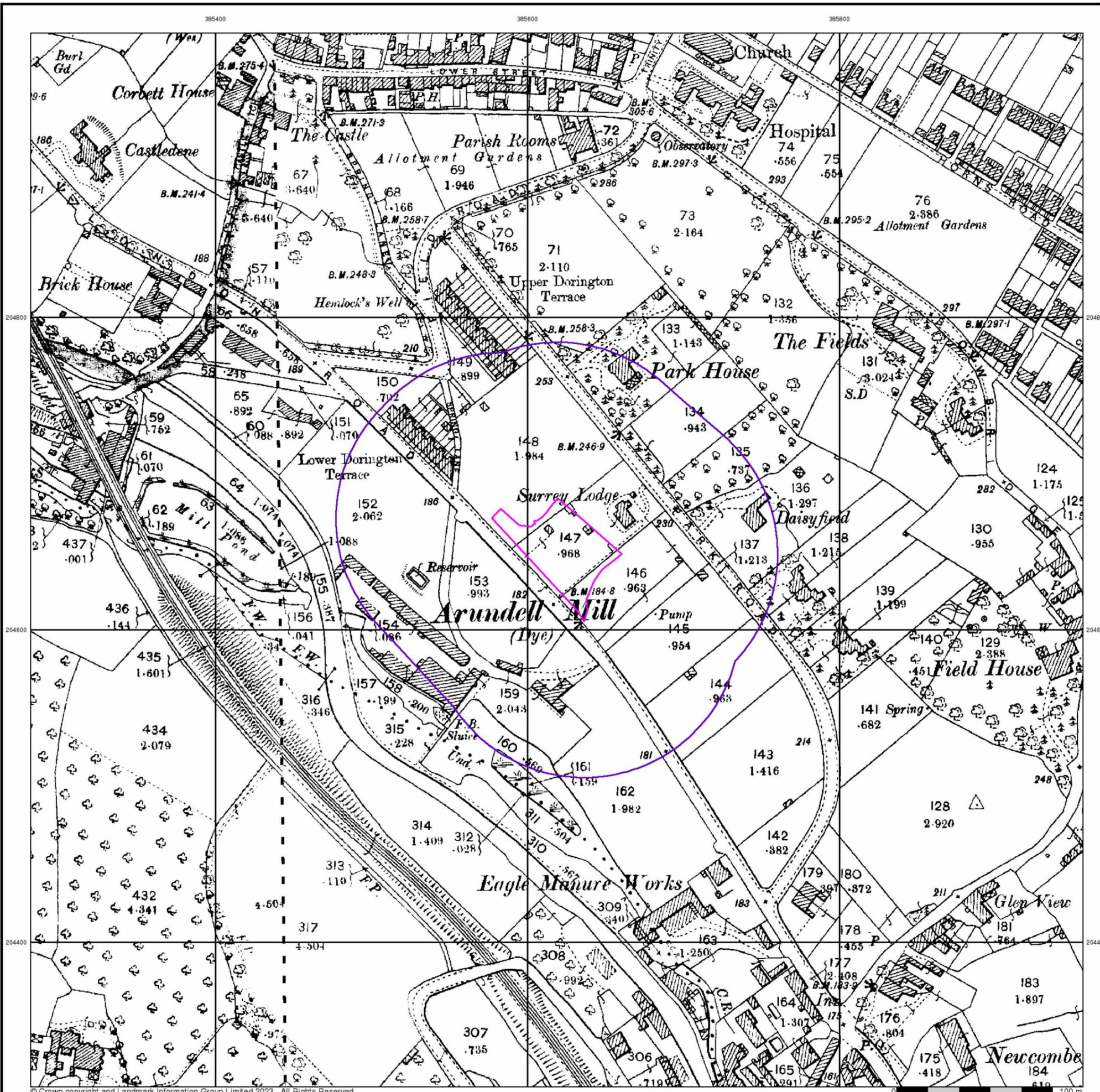


Order Details

Order Number: 310243174_1_1
Customer Ref: 5125/TB
National Grid Reference: 385620, 204650
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX



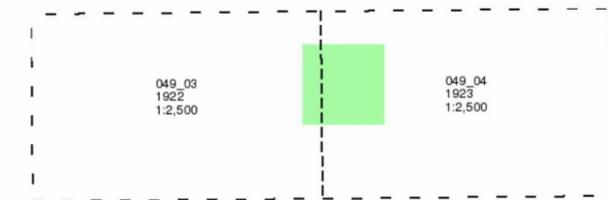
Gloucestershire

Published 1922 - 1923

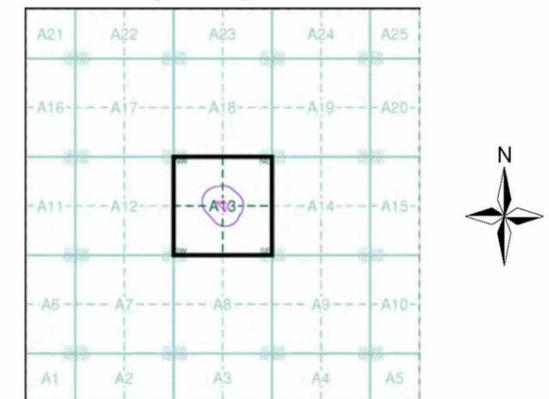
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

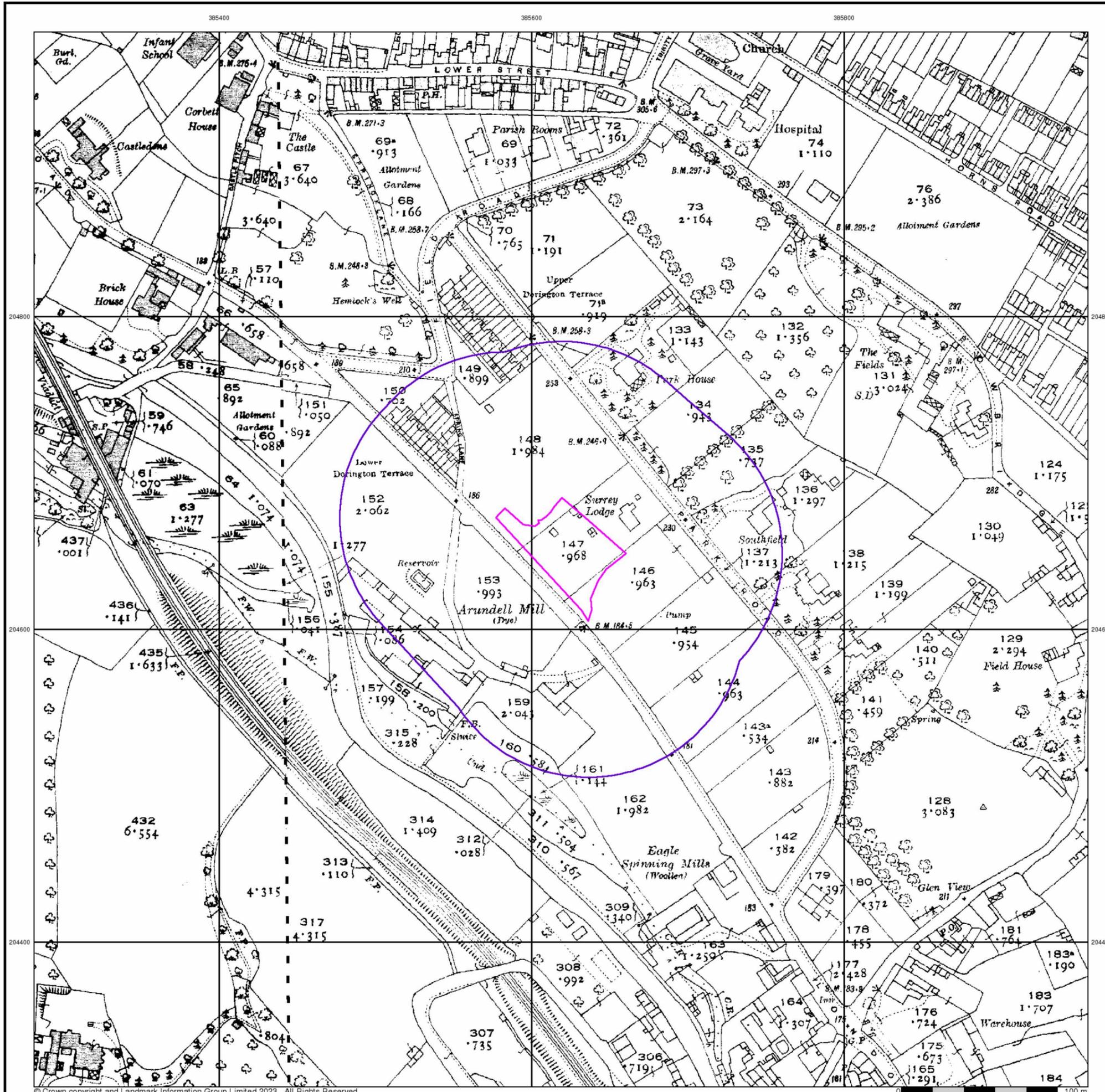


Order Details

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Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX



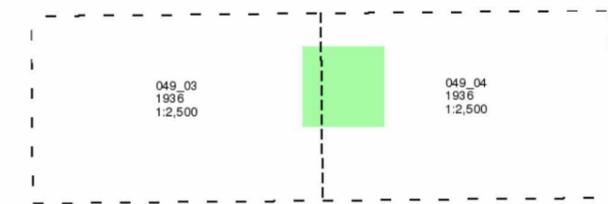
Gloucestershire

Published 1936

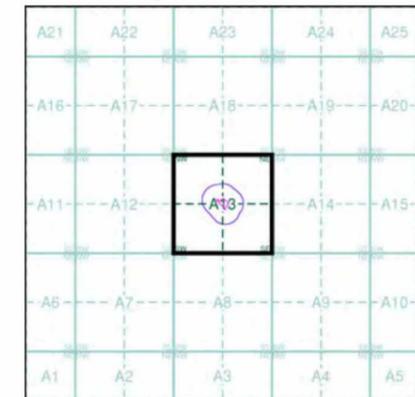
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

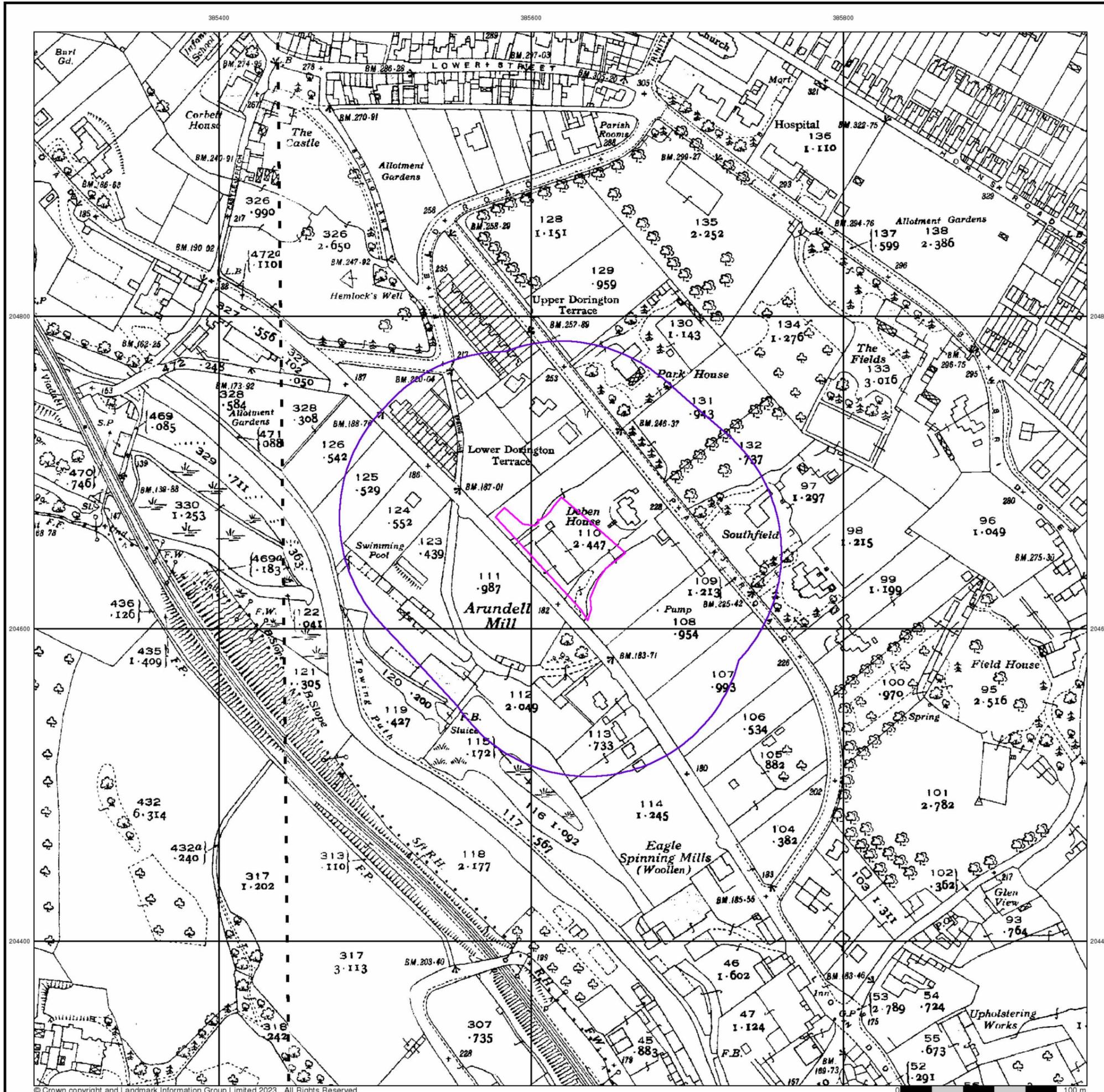


Order Details

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 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 100

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





Ordnance Survey Plan

Published 1969

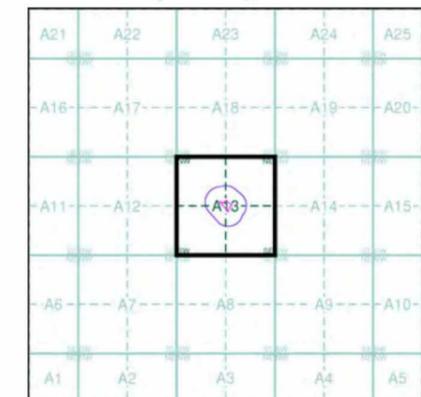
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

| | |
|----------|----------|
| SO8504NW | SO8504NE |
| 1969 | 1969 |
| 1:1,250 | 1:1,250 |
| SO8504SW | SO8504SE |
| 1969 | 1969 |
| 1:1,250 | 1:1,250 |

Historical Map - Segment A13

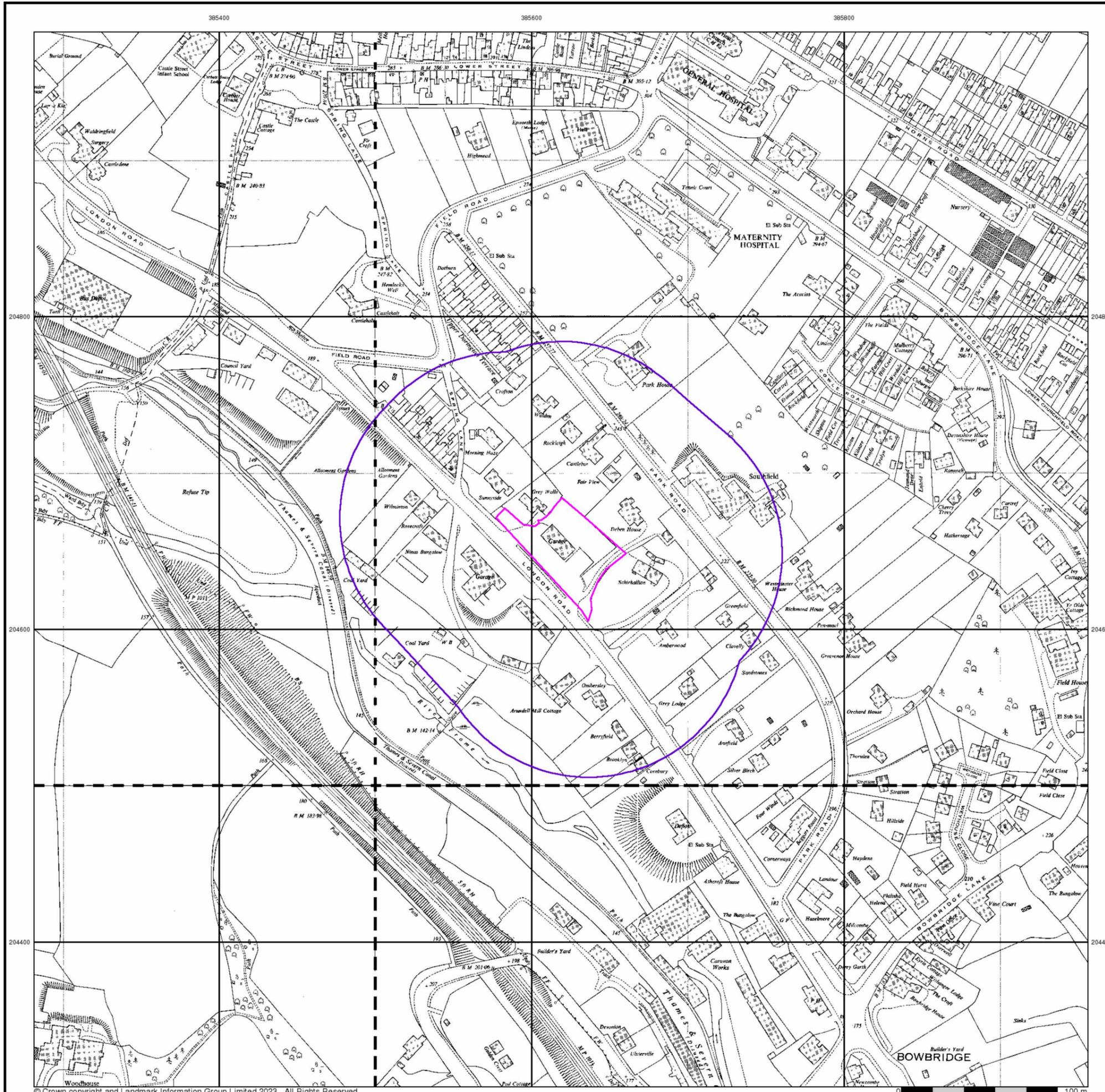


Order Details

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Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX



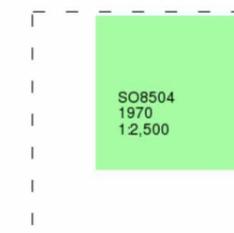
Ordnance Survey Plan

Published 1970

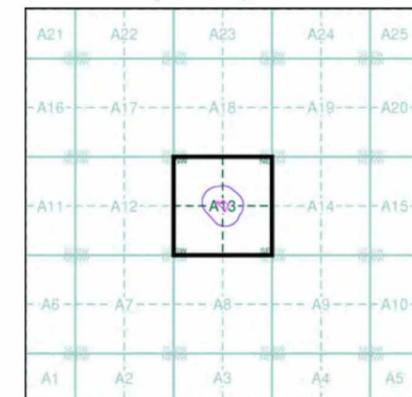
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

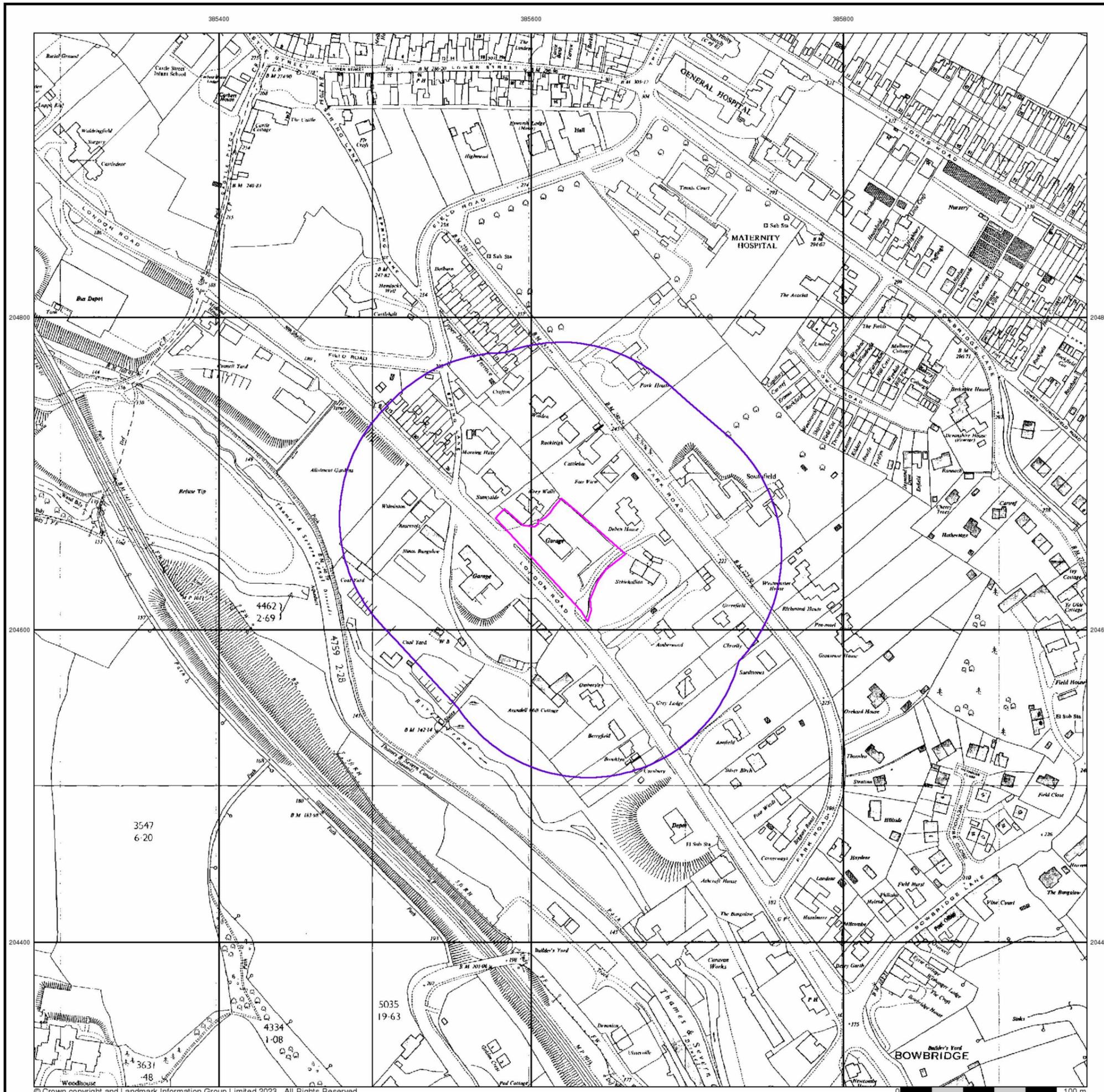


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Order Number: 310243174_1_1
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National Grid Reference: 385620, 204650
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





Additional SIMs

Published 1982 - 1988

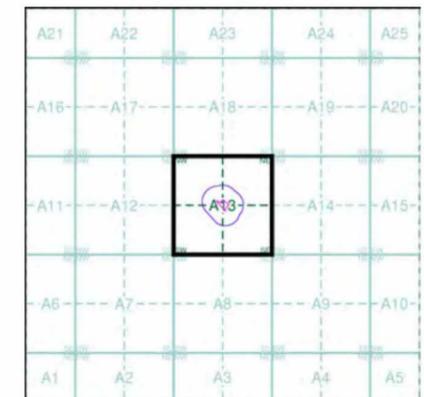
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

| | |
|----------|----------|
| SO8504NW | SO8504NE |
| 1988 | 1982 |
| 1:1,250 | 1:1,250 |
| | SO8504SE |
| | 1983 |
| | 1:1,250 |

Historical Map - Segment A13

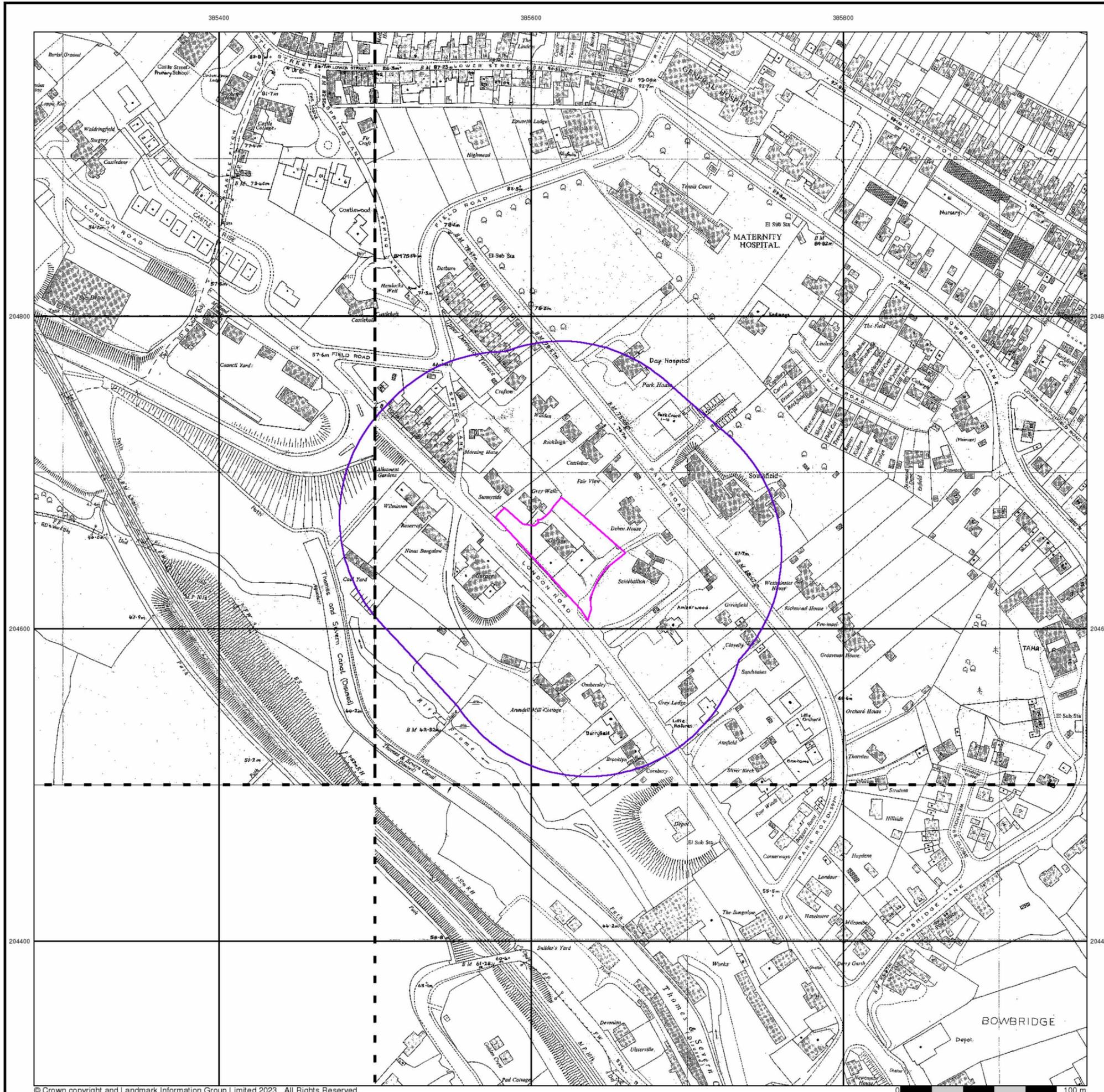


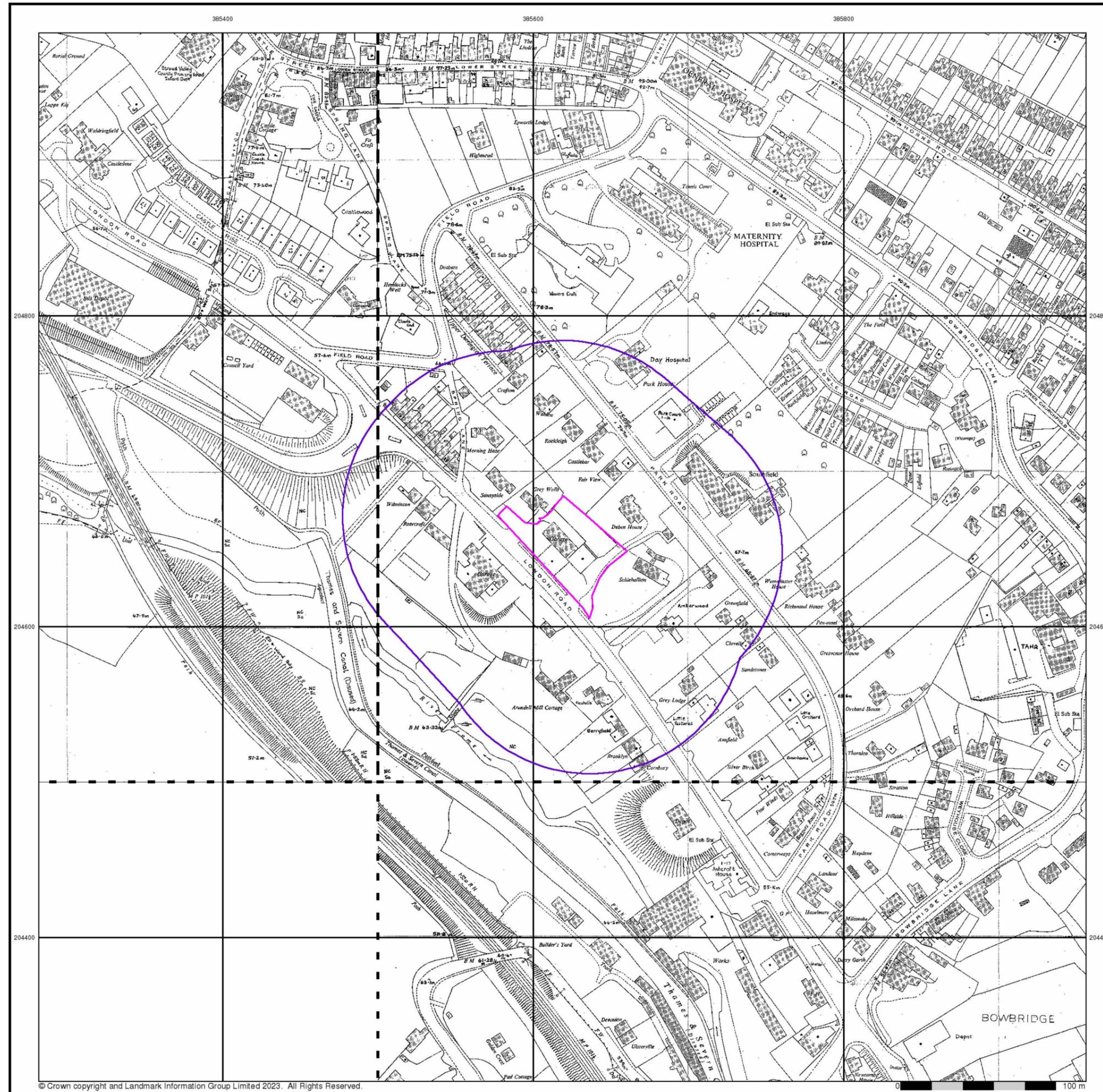
Order Details

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Customer Ref: 5125/TB
National Grid Reference: 385620, 204650
Slice: A
Site Area (Ha): 0.26
Search Buffer (m): 100

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





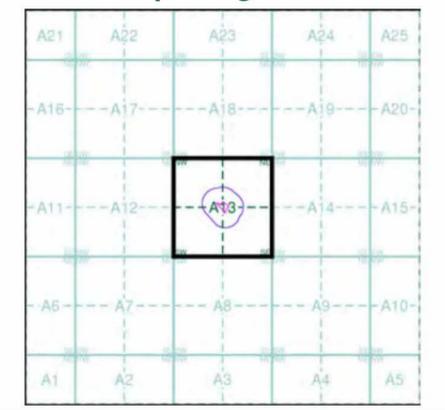
**Additional SIMs
Published 1990
Source map scale - 1:1,250**

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

Map Name(s) and Date(s)

| | |
|-----------------------------|-----------------------------|
| SO8504NW 1990 1:1,250 | SO8504NE 1990 1:1,250 |
| SO8504SE 1990 1:1,250 | |

Historical Map - Segment A13



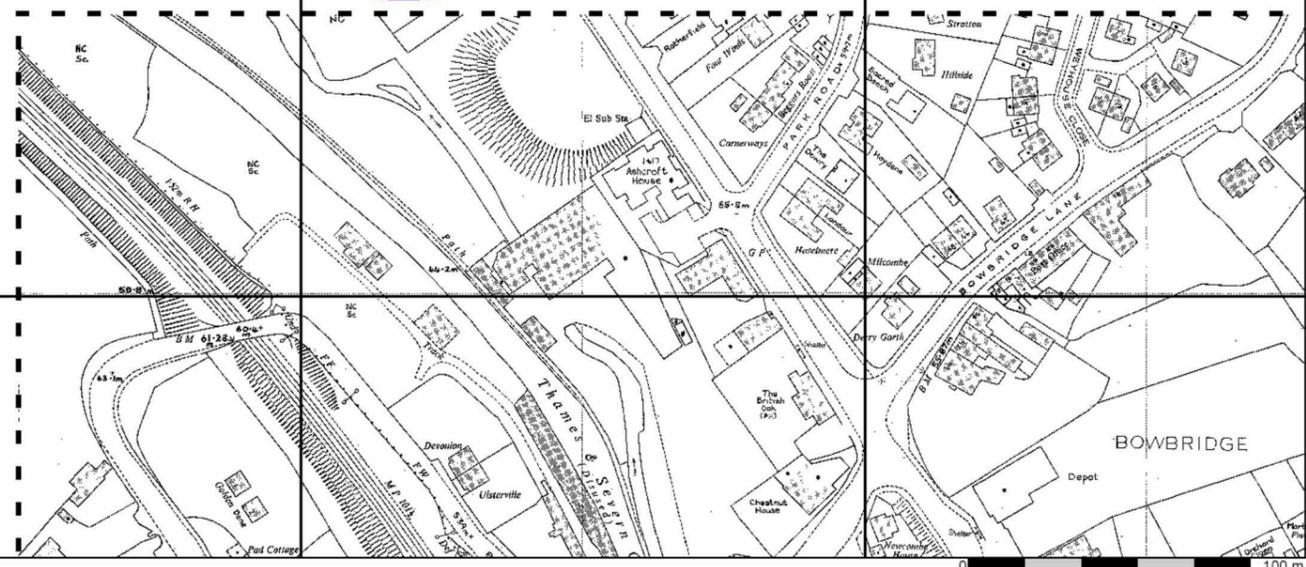
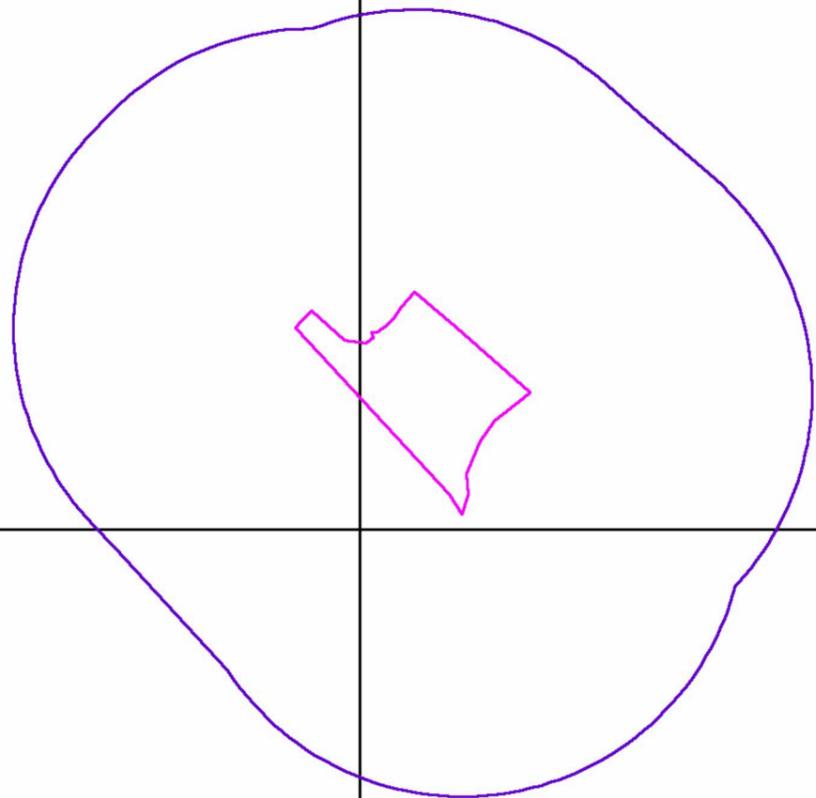
Order Details
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 Customer Ref: 5125/TB
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 Site Area (Ha): 0.26
 Search Buffer (m): 100

Site Details
 Bristol Street Ford, London Road, STROUD, GL5 2AX



385400 385600 385800

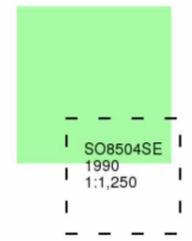
204800 204600 204400



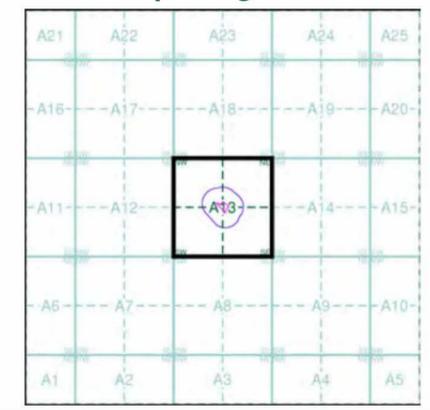
Additional SIMs Published 1990 Source map scale - 1:1,250

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

Map Name(s) and Date(s)



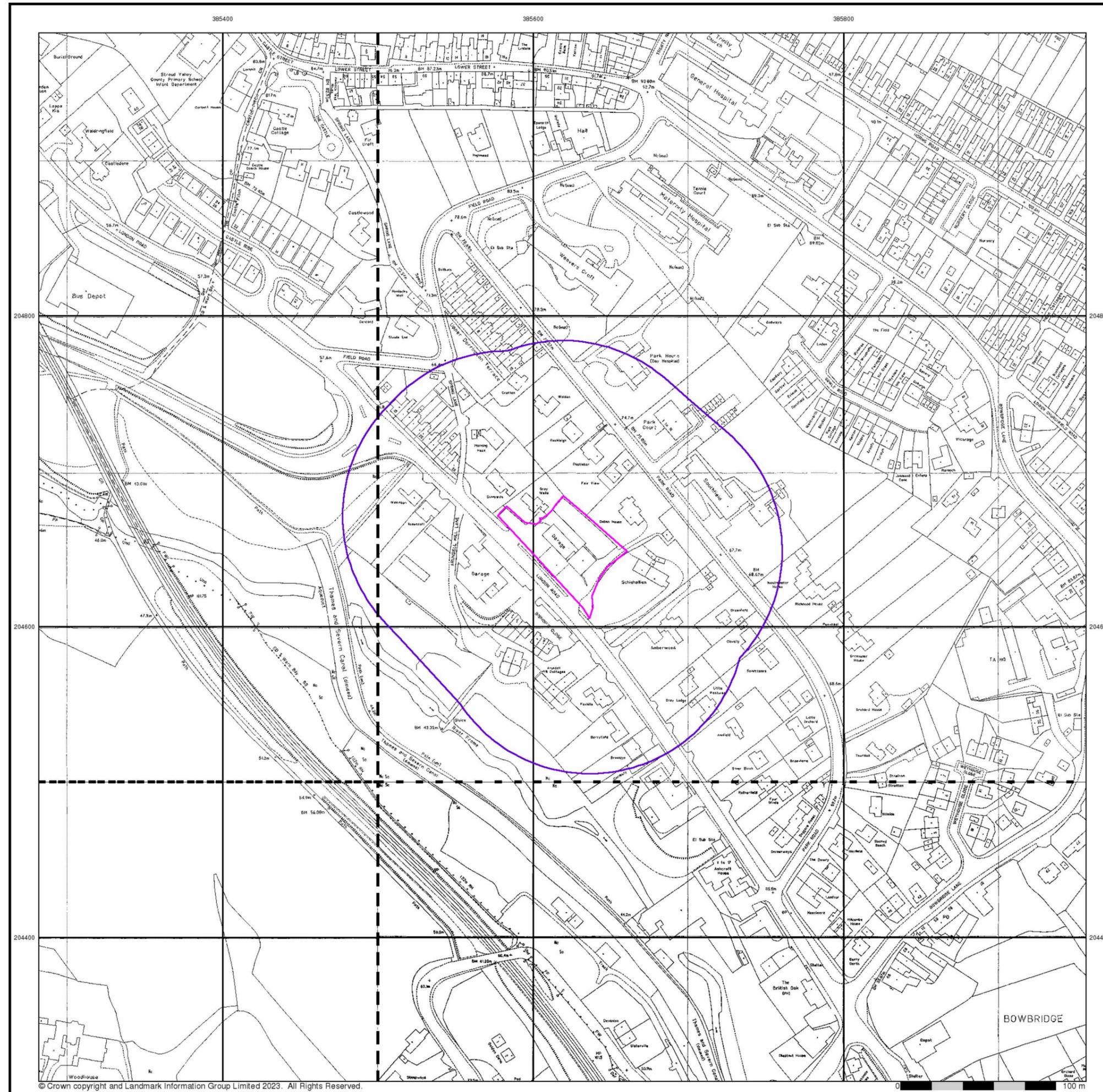
Historical Map - Segment A13



Order Details
Order Number: 310243174_1_1
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National Grid Reference: 385620, 204650
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Site Area (Ha): 0.26
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Site Details
Bristol Street Ford, London Road, STROUD, GL5 2AX





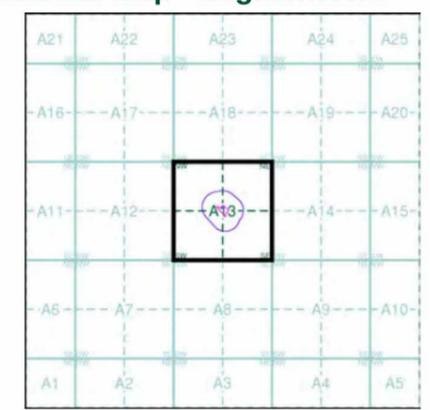
Large-Scale National Grid Data
Published 1994
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

| | |
|-----------------------------|-----------------------------|
| SO8504NW 1994 1:1,250 | SO8504NE 1994 1:1,250 |
| SO8504SW 1994 1:1,250 | SO8504SE 1994 1:1,250 |

Historical Map - Segment A13



Order Details

Order Number: 310243174_1_1
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 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 100

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX



385400 385600 385800

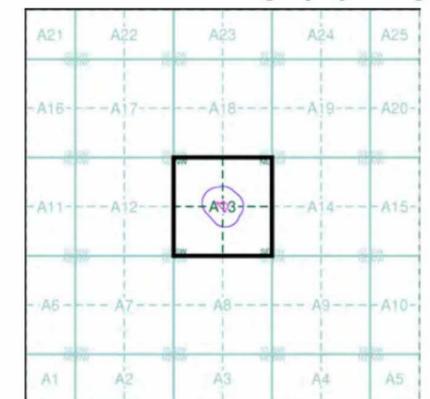


Historical Aerial Photography Published 1999

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



Historical Aerial Photography - Segment A13



Order Details

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Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX



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 |
| | Coppice | | Heath |
| | Rough Grassland | | Marsh |
| | Reeds | | Saltings |
| | Building | | Glasshouse |
| | Sloping Masonry | | Pylon |
| | Electricity Transmission Line | | Pole |
| | Cutting | | Embankment |
| | 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 Shown only when not coincident with other boundaries | | |
| | Civil Parish Shown alternately when coincidence of boundaries occurs | | |
| | BP, BS Boundary Post or Stone | | Pol Sta Police Station |
| | Ch Church | | PO Post Office |
| | CH Club House | | PC Public Convenience |
| | F E Sta Fire Engine Station | | PH Public House |
| | FB Foot Bridge | | SB Signal Box |
| | Fn Fountain | | Spr Spring |
| | GP Guide Post | | TCB Telephone Call Box |
| | MP Mile Post | | TCP Telephone Call Post |
| | MS Mile Stone | | W Well |

1:10,000 Raster Mapping

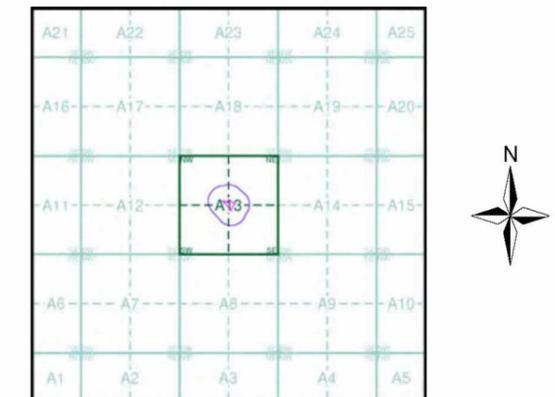
| | | | |
|--|--|--|--|
| | Gravel Pit | | Refuse tip or slag heap |
| | Rock | | Rock (scattered) |
| | Boulders | | Boulders (scattered) |
| | Shingle | | Mud |
| | Sand | | Sand Pit |
| | Slopes | | Top of cliff |
| | General detail | | Underground detail |
| | Overhead detail | | Narrow gauge railway |
| | 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 |
| | MHW(S) Mean high water (springs) | | MLW(S) Mean low water (springs) |
| | Telephone line (where shown) | | Electricity transmission line (with poles) |
| | BM 123.45 m 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 |
|---|----------|-------------|----|
| Gloucestershire | 1:10,560 | 1883 - 1884 | 2 |
| Gloucestershire | 1:10,560 | 1903 | 3 |
| Gloucestershire | 1:10,560 | 1924 | 4 |
| Historical Aerial Photography Gloucestershire | 1:10,560 | 1945 - 1950 | 5 |
| Gloucestershire | 1:10,560 | 1950 | 6 |
| Ordnance Survey Plan | 1:10,000 | 1954 | 7 |
| Ordnance Survey Plan | 1:10,000 | 1979 | 8 |
| Ordnance Survey Plan | 1:10,000 | 1980 - 1984 | 9 |
| 10K Raster Mapping | 1:10,000 | 2000 | 10 |
| 10K Raster Mapping | 1:10,000 | 2006 | 11 |
| VectorMap Local | 1:10,000 | 2022 | 12 |

Historical Map - Slice A



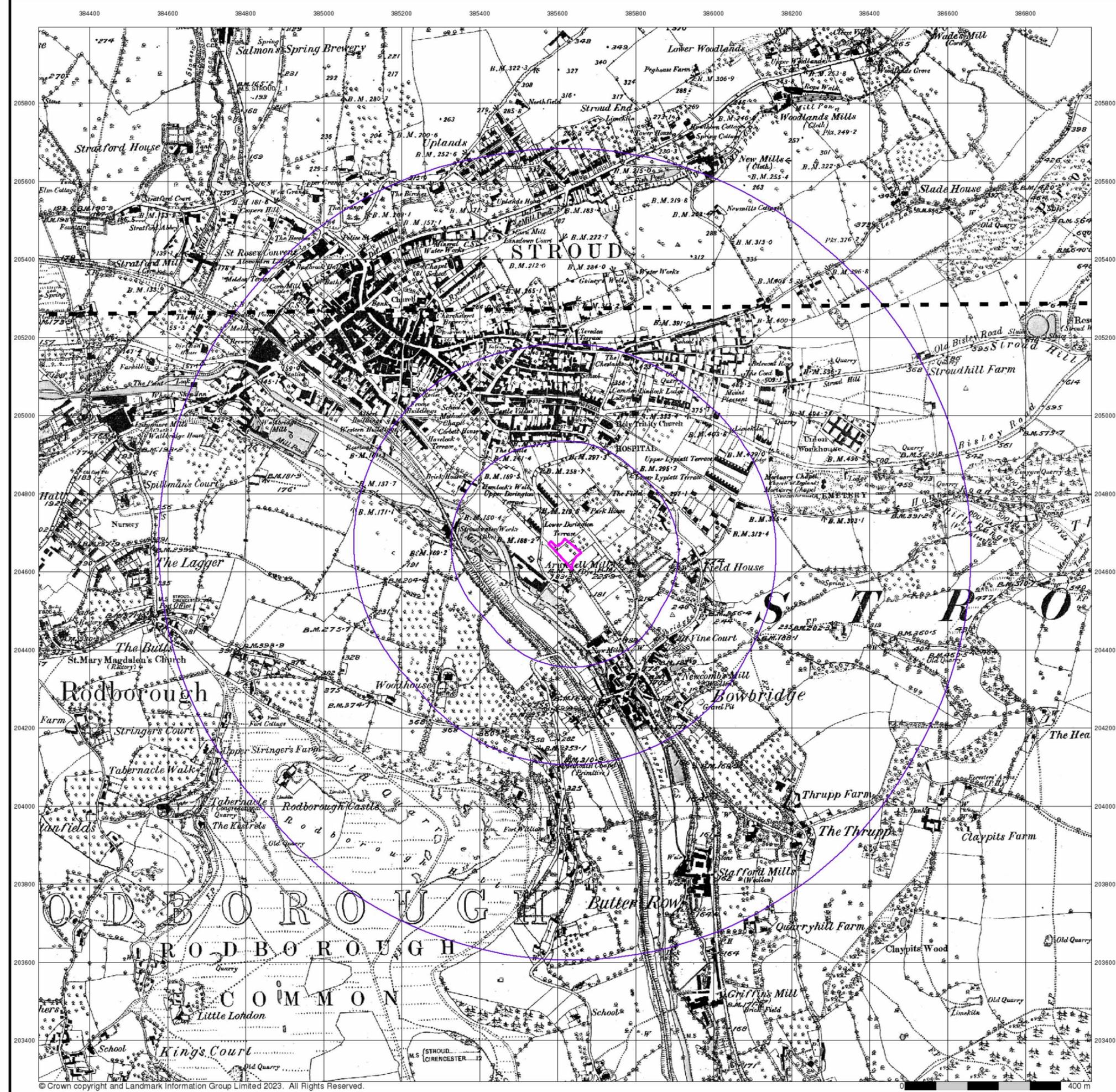
Order Details

Order Number: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





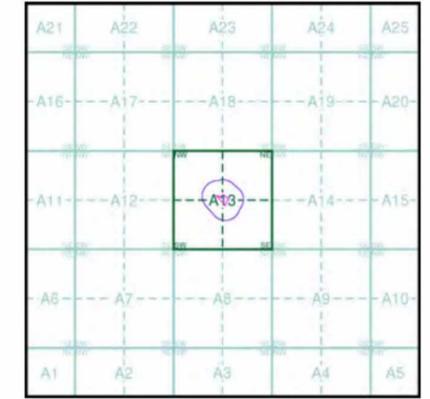
Gloucestershire
Published 1883 - 1884
Source map scale - 1:10,560

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)

| | | |
|-------|------|----------|
| 041SE | 1884 | 1:10,560 |
| 049NE | 1883 | 1:10,560 |

Historical Map - Slice A



Order Details

Order Number: 310243174_1_1
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Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





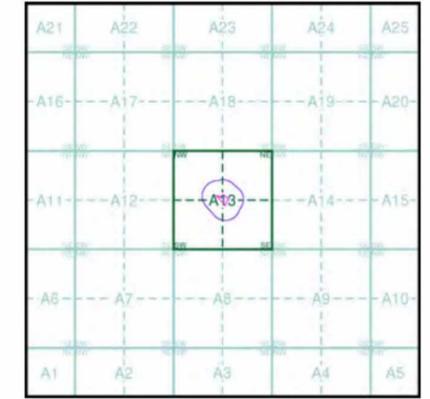
Gloucestershire
Published 1903
Source map scale - 1:10,560

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)

| | | |
|-------|------|----------|
| 041SE | 1903 | 1:10,560 |
| 049NE | 1903 | 1:10,560 |

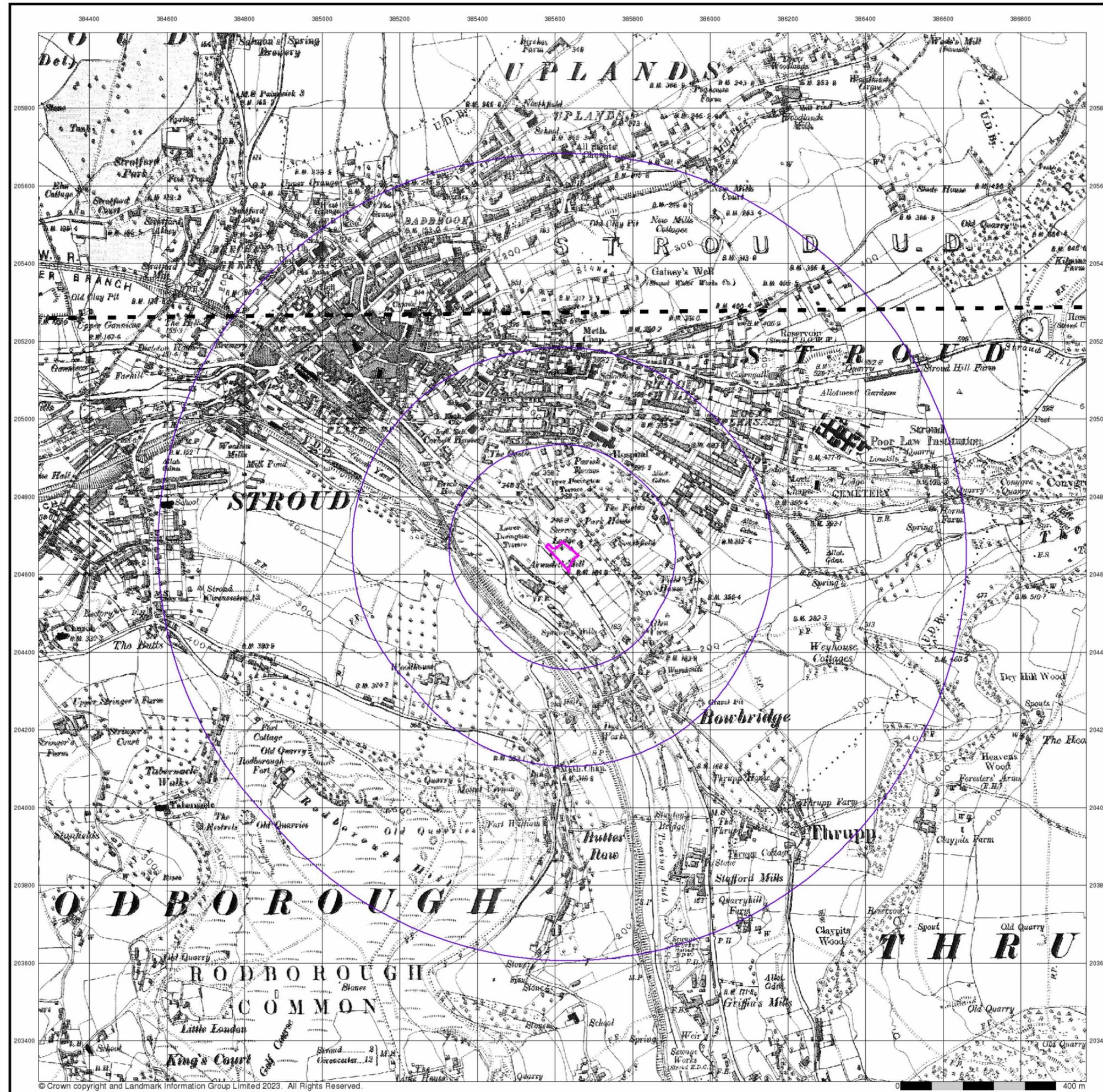
Historical Map - Slice A



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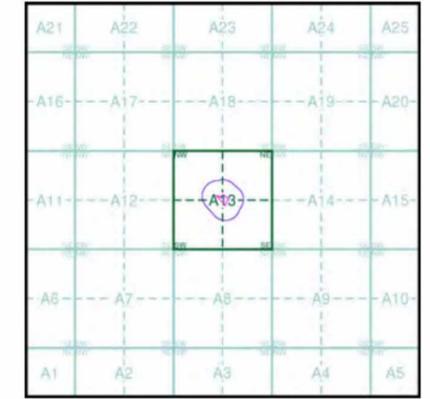
Gloucestershire
Published 1924
Source map scale - 1:10,560

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)

| | | |
|-------|------|----------|
| 041SE | 1924 | 1:10,560 |
| 049NE | 1924 | 1:10,560 |

Historical Map - Slice A



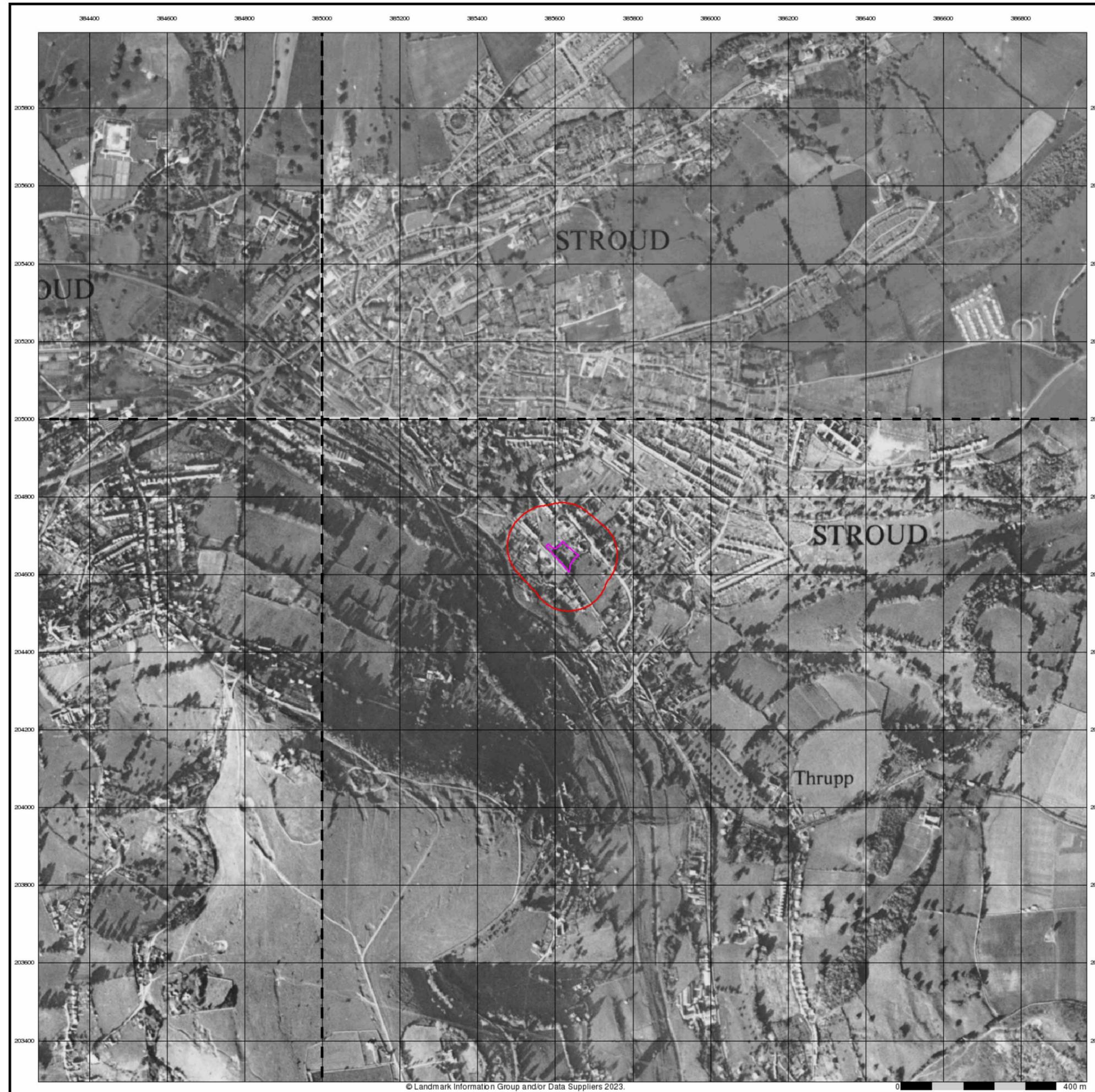
Order Details

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Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





Historical Aerial Photography
Published 1945 - 1950
Source map scale - 1:10,560

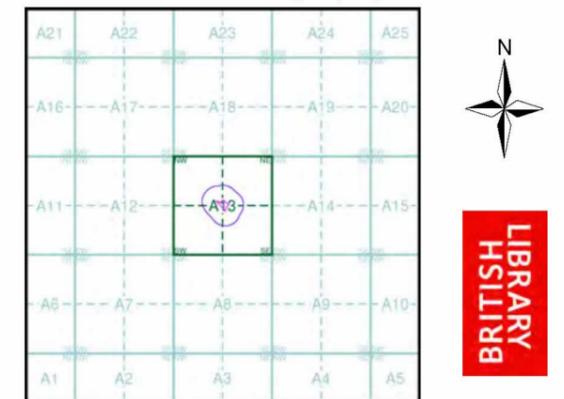
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)

| | |
|----------------------------|----------------------------|
| SO80NW 1950 1:10,560 | SO80NE 1950 1:10,560 |
| SO80SW 1945 1:10,560 | SO80SE 1945 1:10,560 |

Historical Aerial Photography - Slice A



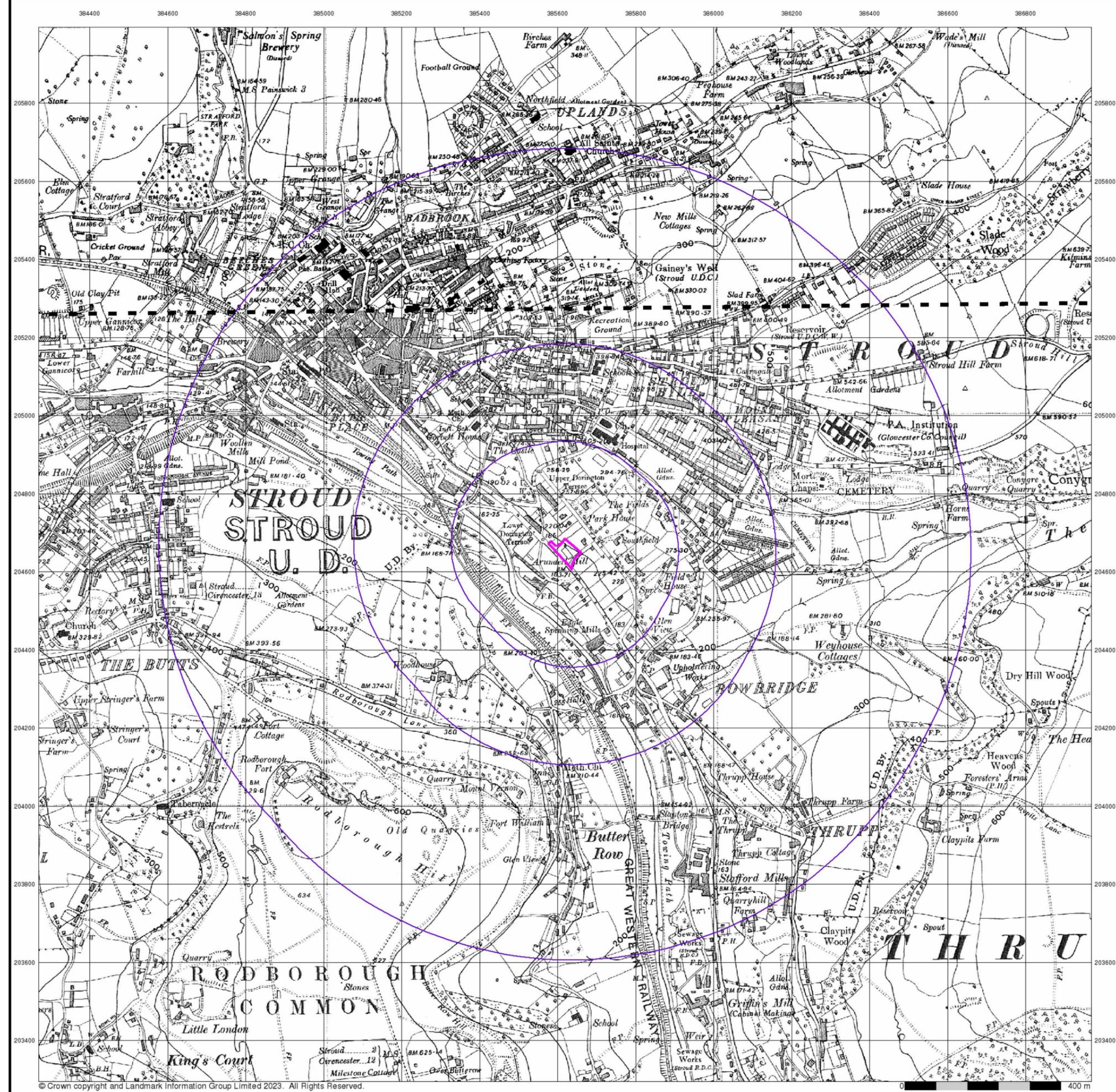
Order Details

Order Number: 310243174_1_1
 Customer Ref: 5125/TB
 National Grid Reference: 385620, 204650
 Slice: A
 Site Area (Ha): 0.26
 Search Buffer (m): 1000

Site Details

Bristol Street Ford, London Road, STROUD, GL5 2AX





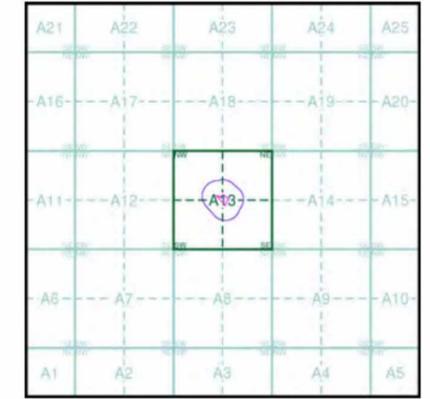
Gloucestershire
Published 1950
Source map scale - 1:10,560

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)

| | | |
|-------|------|----------|
| 041SE | 1950 | 1:10,560 |
| 049NE | 1950 | 1:10,560 |

Historical Map - Slice A



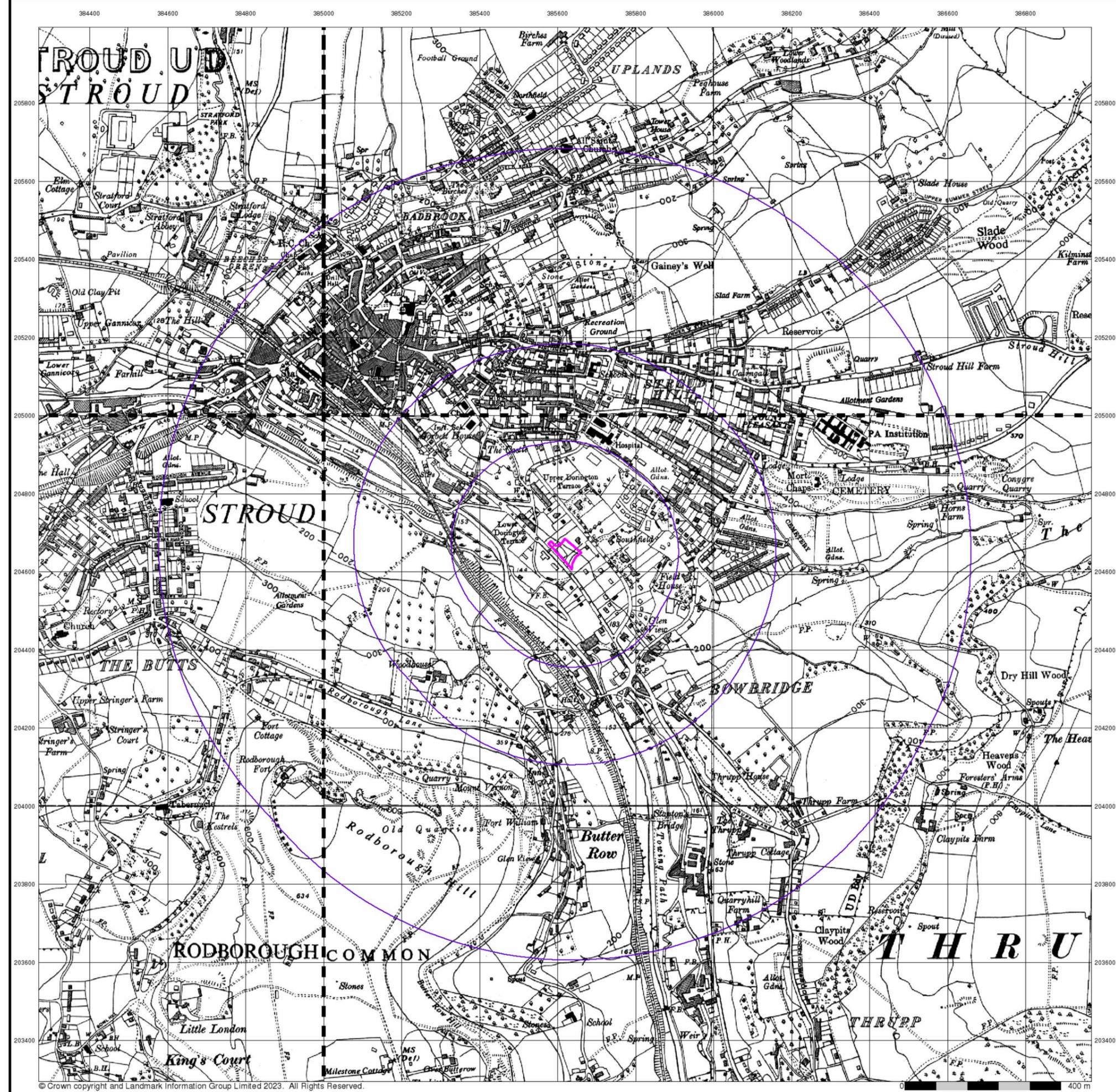
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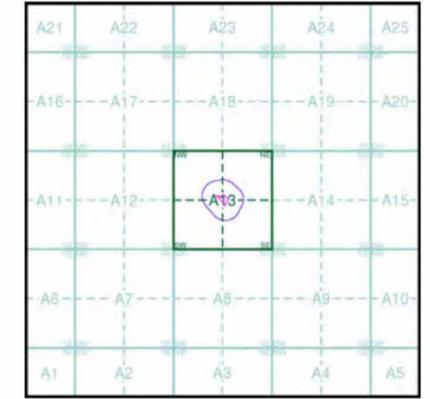
Ordnance Survey Plan
Published 1954
Source map scale - 1:10,000

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Map Name(s) and Date(s)

| | |
|----------|----------|
| SO80NW | SO80NE |
| 1954 | 1954 |
| 1:10,560 | 1:10,560 |
| SO80SW | SO80SE |
| 1954 | 1954 |
| 1:10,560 | 1:10,560 |

Historical Map - Slice A



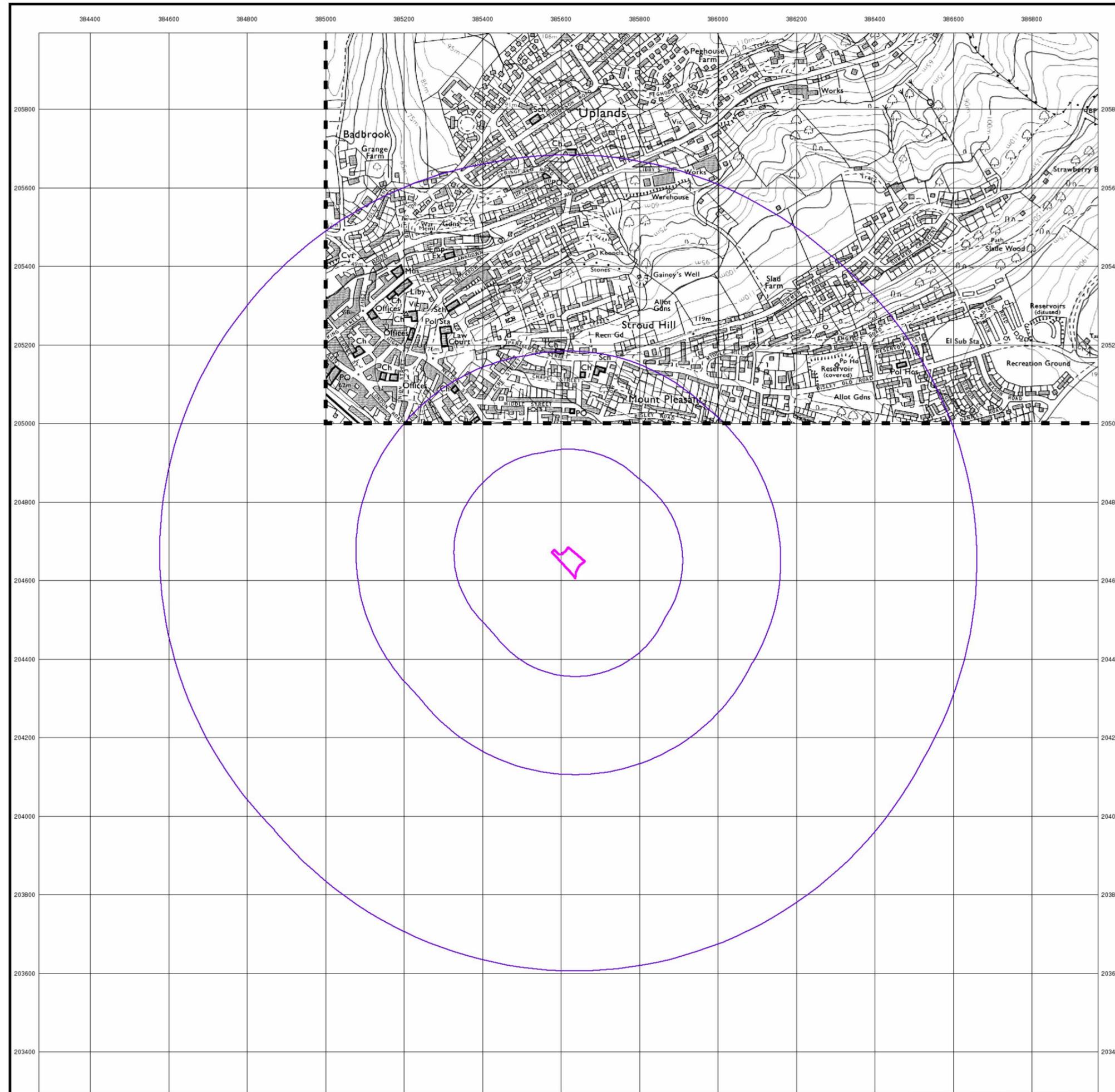
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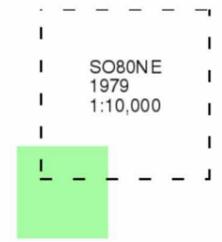




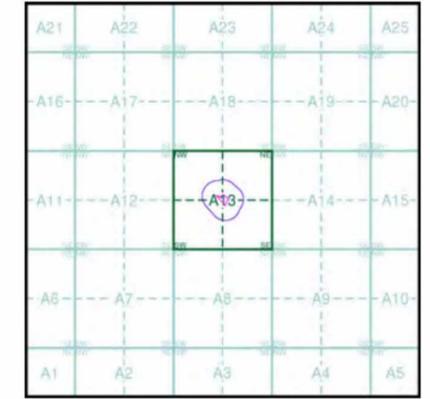
Ordnance Survey Plan
Published 1979
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



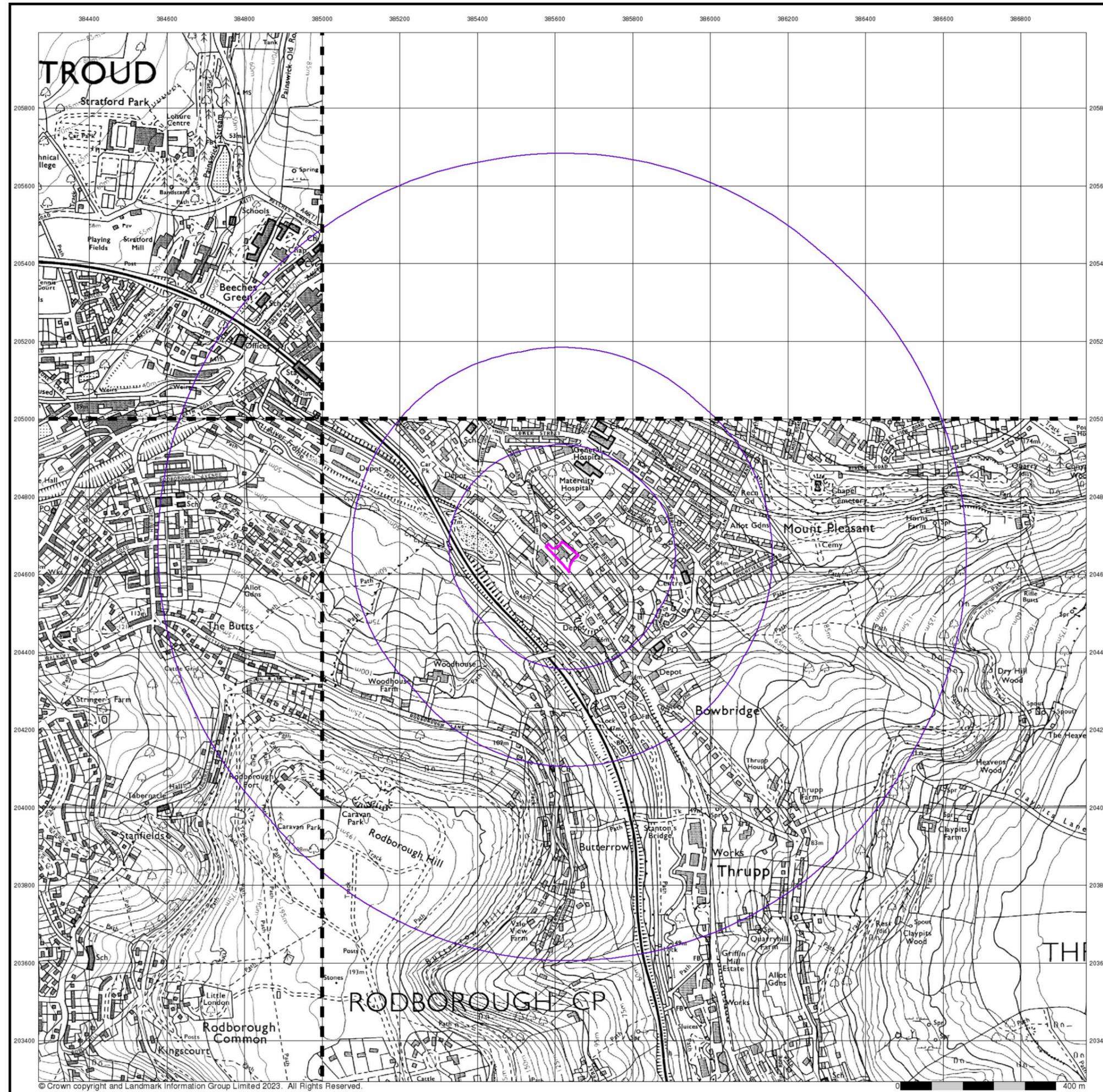
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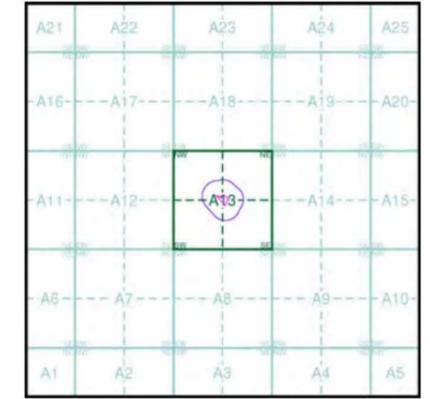
Ordnance Survey Plan
Published 1980 - 1984
Source map scale - 1:10,000

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Map Name(s) and Date(s)

| | | |
|--------|------|----------|
| SO80NW | 1980 | 1:10,000 |
| SO80SW | 1980 | 1:10,000 |
| SO80SE | 1984 | 1:10,000 |

Historical Map - Slice A



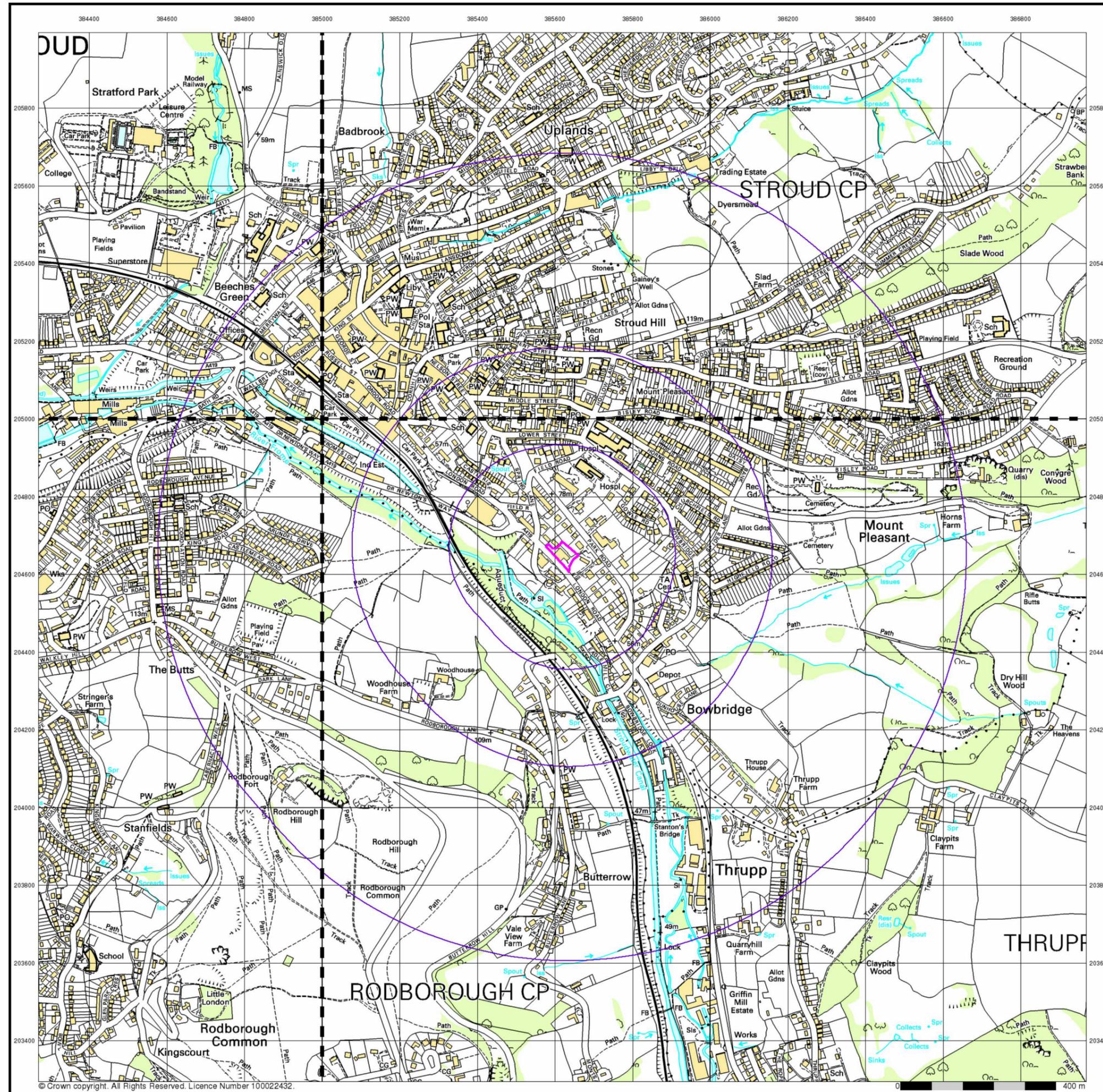
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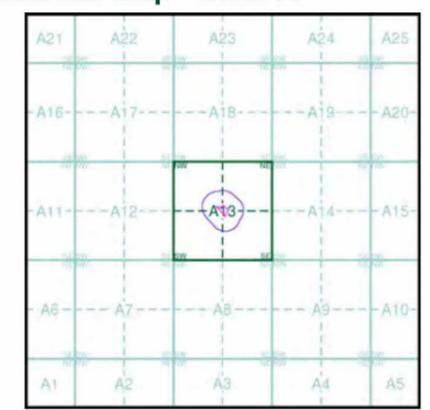
10k Raster Mapping
Published 2000
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

| | |
|----------------------------|----------------------------|
| SO80NW 2000 1:10,000 | SO80NE 2000 1:10,000 |
| SO80SW 2000 1:10,000 | SO80SE 2000 1:10,000 |

Historical Map - Slice A



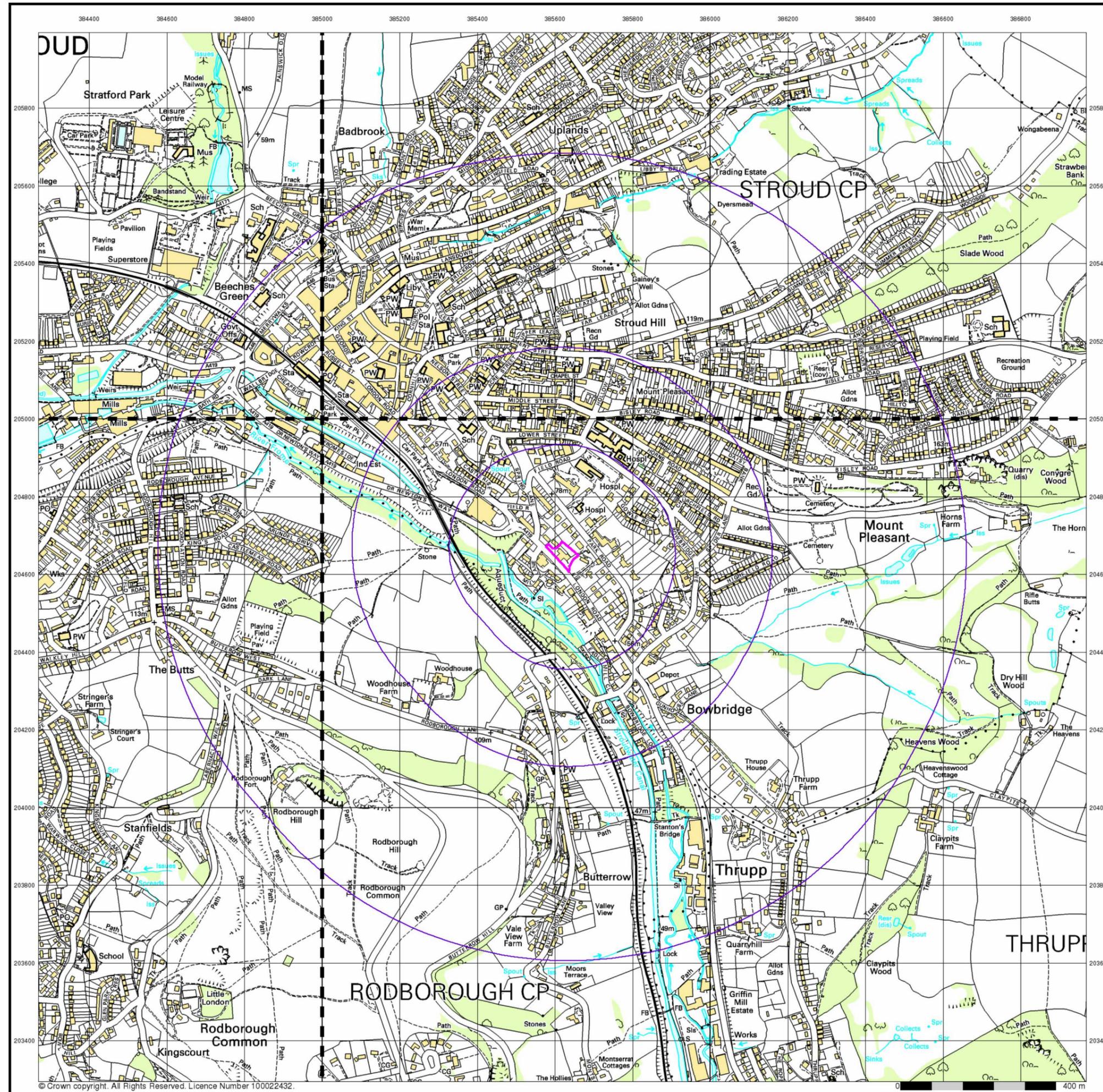
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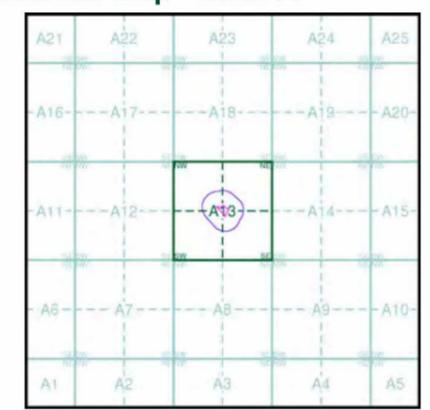
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

| | |
|----------------------------|----------------------------|
| SO80NW 2006 1:10,000 | SO80NE 2006 1:10,000 |
| SO80SW 2006 1:10,000 | SO80SE 2006 1:10,000 |

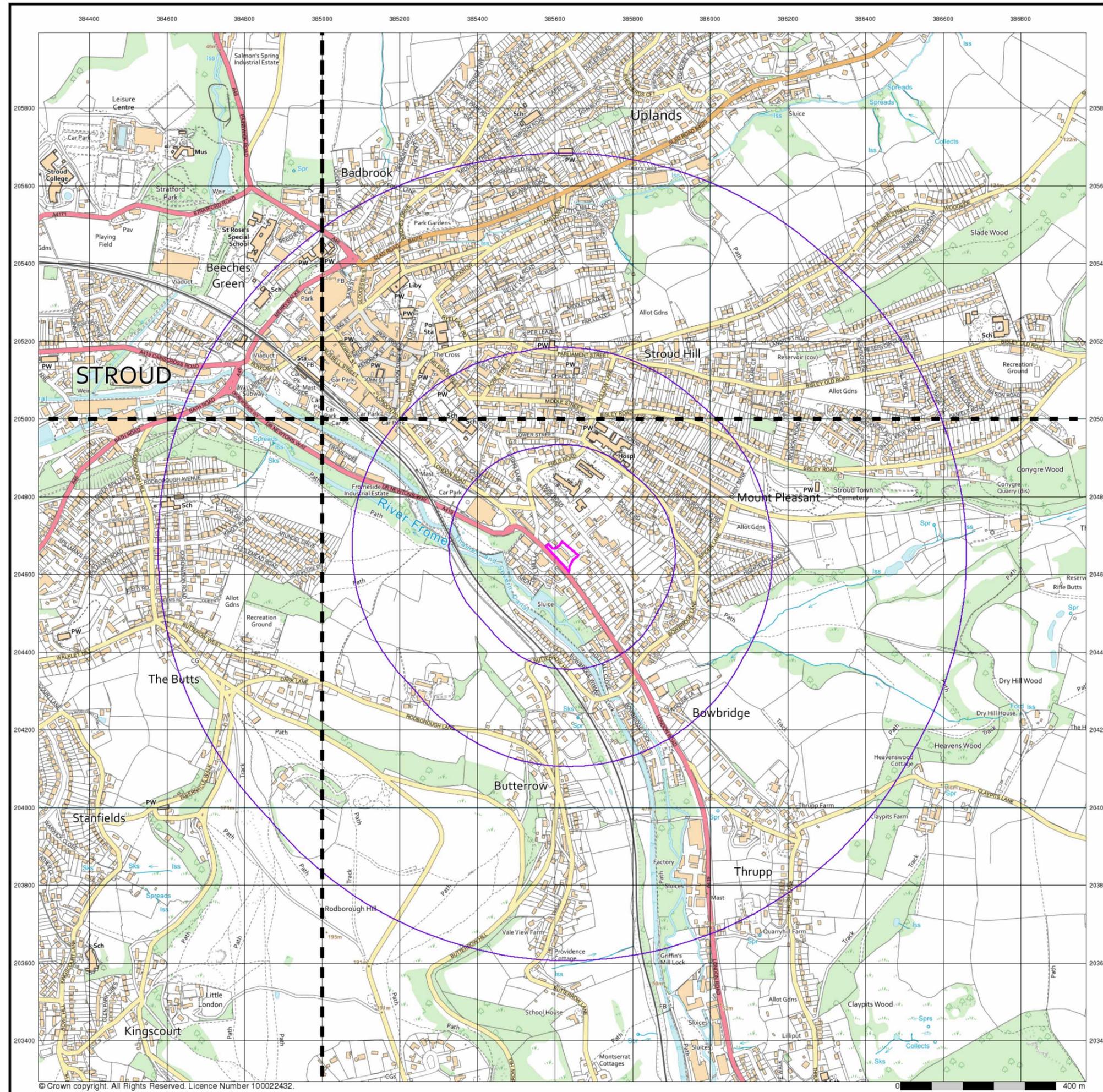
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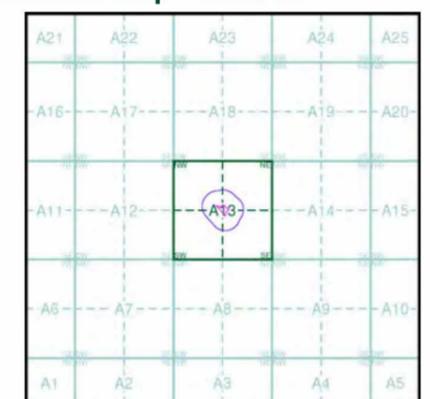
VectorMap Local
Published 2022
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

| | |
|----------------------------|----------------------------|
| SO80NW 2022 Variable | SO80NE 2022 Variable |
| SO80SW 2022 Variable | SO80SE 2022 Variable |

Historical Map - Slice A



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