

**PHASE 1 ENVIRONMENTAL INVESTIGATION**

**NO 4008/17**

**AT**

**28 WOKINGHAM ROAD, READING, RG6 1JQ**

**FOR**

**PROPOSED HOUSING DEVELOPMENT**

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# **PHASE 1 ENVIRONMENTAL INVESTIGATION NO 4008/17 AT 28 WOKINGHAM ROAD, READING, RG6 1JQ FOR PROPOSED HOUSING DEVELOPMENT**

## **1 INTRODUCTION**

- 1.1 This investigation was commissioned by the developers, Messrs Berkshire Van Hire, in order to provide an initial assessment of the potential for ground contamination on the proposed development area.
- 1.2 The Contamination Assessments have been carried out with reference to CLR 11 (Model Procedures for the Management of Land Contamination), and BS 10175 (Code of Practice for the Investigation of Potentially Contaminated Sites). This phased approach is set out below.
- 1.3 Various photographs maps and plans are presented in the report text but these have also been reproduced at a larger size in the figure pages, 2 to 11.

### **Phase 1 (or Desk Study)**

- 1.4 Firstly a conceptual model was formulated detailing all plausible contaminant linkages between potential sources of contaminants and their routes to potential receptors of those contaminants. This involved largely desk based investigations of historic maps and records together with site reconnaissance and some intrusive investigations.
- 1.5 Depending on circumstances and the outcome of the desk based work it may not be necessary to carry out further assessments.

## **Phase 2**

- 1.6 Where plausible contamination linkages are identified at phase 1, a generic quantitative risk assessment should be carried out by physical investigation. Measured contaminant concentrations should be assessed with respect to generic (rather than site specific) guideline values. These comparisons should be used to review each of the linkages made in the conceptual model thus revising the model. This allows unacceptable risks to be defined and also the need for further assessment, physical investigations, or remedial works.

## **2 SITE DETAILS**

### **Site Location**

- 2.1 This site is located near Reading town centre, some 2km east of the town centre. The site centre is located at grid reference 473280E 173120N and post code reference RG6 1JQ.

### **Brief Description**

- 2.2 The area under consideration is approximately 0.08ha and is irregular in shape.
- 2.3 At the time of the investigation the site was occupied by a tyre fitting firm and a hand carwash firm.

## **3 GEOLOGY, HYDROGEOLOGY, TOPOGRAPHY AND HYDROLOGY**

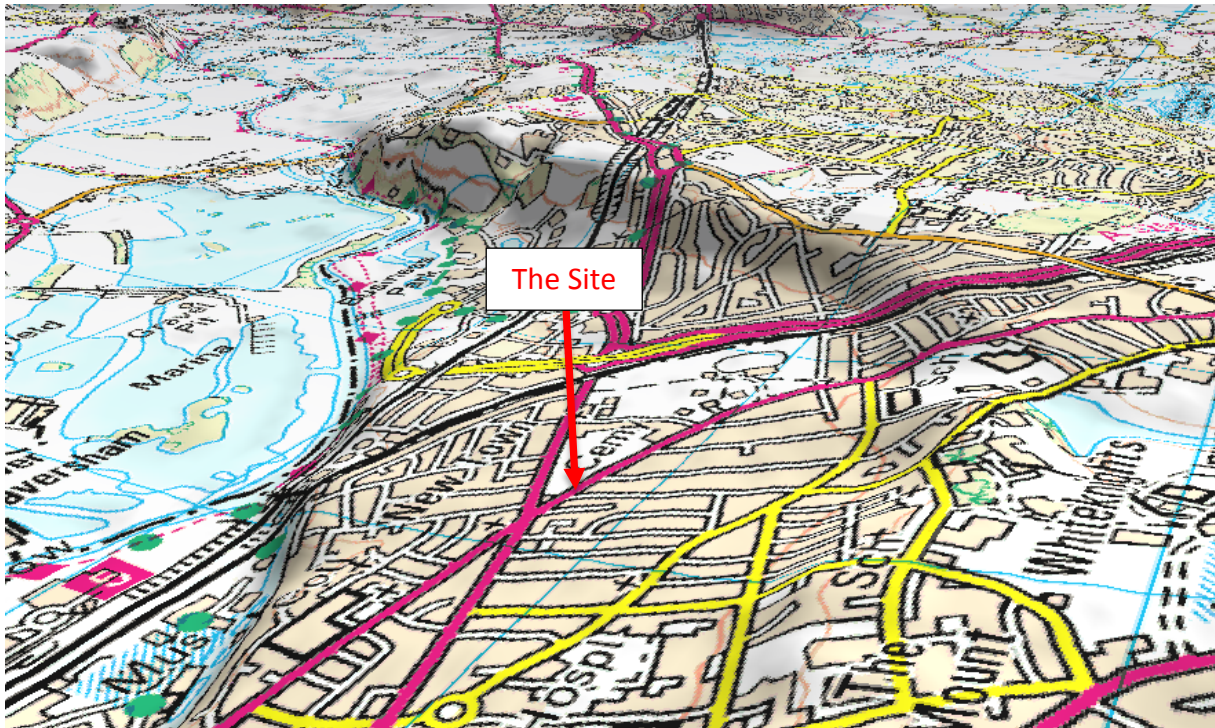
### **Published Geology**

- 3.1 The British Geological Survey Map, 1 in 10,000 scale Sheet Numbers SU77SW shows the site to be underlain superficial deposits of the Taplow Gravel Formation underlain by bedrock of the Lewes Nodular Chalk, Formation, Seaford Chalk Formation and Newhaven Chalk Formation (Undifferentiated).

## **Published Hydrogeology**

- 3.2 The Environment Agency Groundwater Maps (<http://maps.environment-agency.gov.uk>) which have replaced the old Groundwater Vulnerability mapping show the site to be underlain by 'bedrock' deposits (Upper Chalk) which are designated as a Principal Aquifer.
- 3.3 The overlying superficial gravel deposits are designated as a Secondary (A) Aquifer.
- 3.4 1 to 100,000 Institute of Geological Sciences Hydrogeological mapping for South West Chilterns and the Berkshire and Marlborough Downs shows the groundwater within the Chalk to be expected at an approximate level of 30m AOD. Given that the site lies at approximately 47m AOD implies that groundwater lies some 17m below ground level at the site location, at approximately the same level as the River Thames. Perched water may also be present within the superficial gravel deposits.
- 3.5 The direction of the contours indicates that the movement of the groundwater in the Upper Chalk is northward toward the River Thames.

## **Topography and Hydrology**



*Above a copy of the 1 to 50,000 scale map rendered according the height data given on these maps. (Note the vertical scale is greatly exaggerated to allow the topography to be visualised)*

3.6 The site lies on a river terrace associated with the River Thames with a gentle downward slope towards the river, which itself lies some 750m north of the site.

3.7 There are no water courses or ponds/lakes noted on the site area or in the immediate surrounding area.

#### **Migration of Surface Water and Groundwater**

3.8 Given the topography and the underlying geology we would expect rain water to percolate into the ground rapidly to join groundwater at in the underlying Chalk. This groundwater is suspected to be at the same level as the water in the channels to the north (River Thames) and is therefore providing some base flow to these watercourses.

3.9 Overland flow, due to hardstanding with drainage, flows generally downhill to the north into an interceptor, although it is unknown where this drains too. Some surface water was noted as flowing into a road drain on Hamilton Road.

#### **Catchment Areas for Contamination**

- 3.10 On this basis we consider that catchment area for contaminants that could migrate onto the site was to the south. Contamination outside these areas would not be expected to pose any risk to the site. The site area is also shown to lie in the catchment for contamination of sensitive areas such as the chalk aquifer below the site.

## **4 SITE HISTORY**

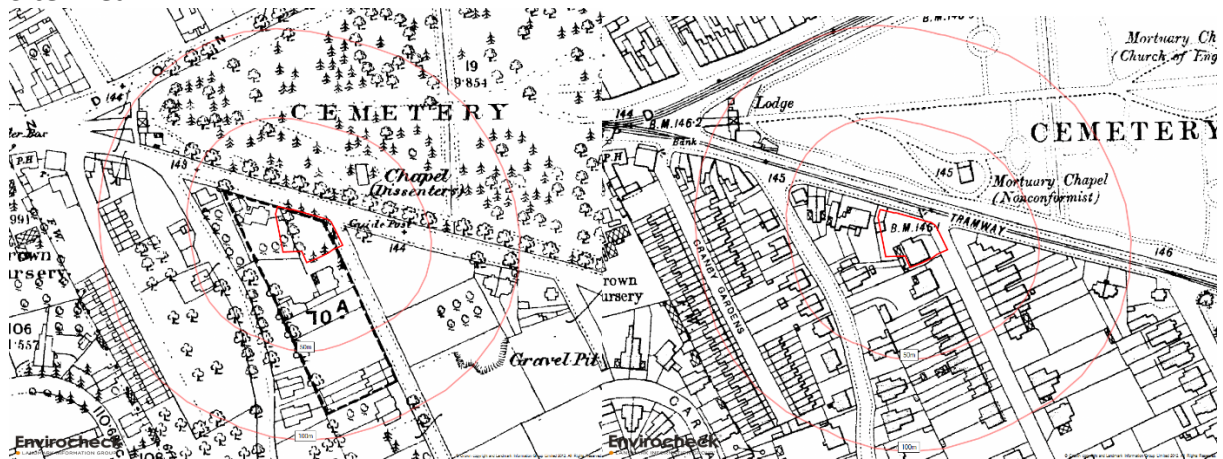
- 4.1 Extracts of historical maps which are centred on the site have been reviewed. Two sets of maps are available, the first set is at 1 in 10,560 scale or six inches to one mile and shows an area which encompasses a 1km radius around the site. During the 1960's to 1970's this set of maps was updated to a more rational scale of 1 in 10,000. The second set of maps is at 1 in 2,500 scale and encompass a 250m radius around the site.
- 4.2 The maps have been scrutinised for potential features which could indicate a contaminative past and the locations of the features are presented on the modern map below. A detailed description of the changes between each map issue has not been drawn up.
- 4.3 Distances between particular features and the site are given as a 'closest boundary to closest boundary' basis and rounded to the nearest 5m. The nature of the features may be unclear from the maps and the features are labelled exactly as shown on the maps. Suspected features or unlabelled features are marked as such.
- 4.4 It should be noted that the decisions as to the inclusion of a surface feature during surveys was made by the surveyor involved at the time and not all pertinent features, with respect to contamination, may have been included.

### **Area Context**

- 4.5 The first map in the six inches to one mile scale maps (1 in 10560) is dated 1883 and shows the site to lie on the eastern outskirts of Reading, with the Wokingham Road to

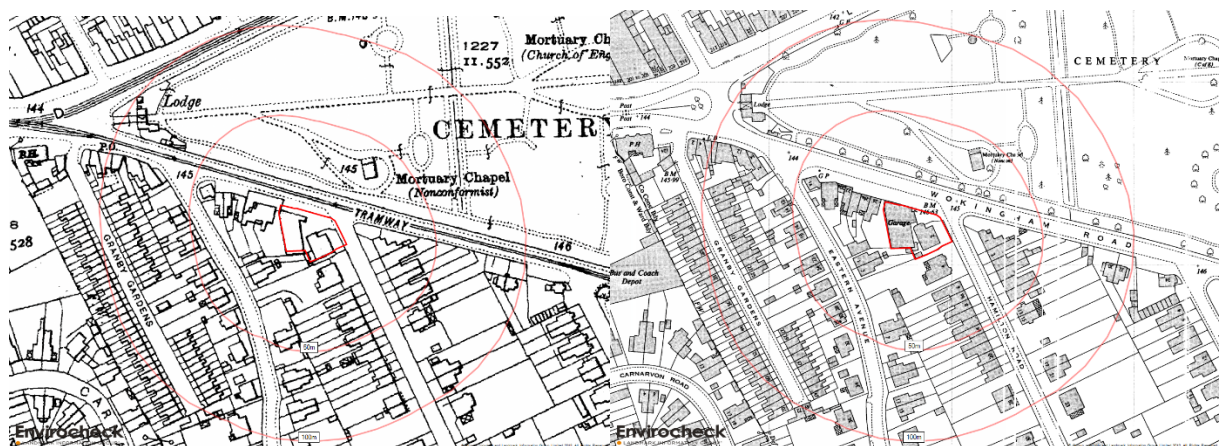
the immediate north already established. A large cemetery is noted immediate beyond the Wokingham Road. The town is seen to expand steadily in the early 20<sup>th</sup> century, with development slowing by WWII. Within this expansion is extensive residential areas, as well as an industrial zone noted some 600m to the north which includes a prison, a gas works and numerous factories. Post WWII the majority of development appears to be infill, rather than outwards expansion of the town. Most modern maps show almost no changes.

### Site Area



1877-1879

1912-1913



1931-1934

1957





- 4.6 The first of the 1 in 2500 scale maps is dated 1877 and shows the site to be unoccupied, perhaps part of a garden. A small gravel pit is noted some 100m to the southeast. A garden nursery is located some 120m to the west. By 1899 the site has been developed, presumably as a residential dwelling.
- 4.7 The aforementioned gravel pits have also been redeveloped as residential properties (presumably these have also been infilled). By 1934 an additional building of unknown usage is developed against the western site boundary. Wokingham road is also noted as having a tramway.
- 4.8 No further changes are noted until post WWII; when in 1957 the site is listed as a garage. The shape of the buildings present suggests part of the garage operations include fuel filling, on a canopy covered forecourt. No further significant changes to the site are subsequently noted through to present day, although the walkover survey (discussed below) has revealed that that the site is currently used as a hand carwash and tyre fitters.

## Summary





- 5.3 The Environmental Database search for this site was reviewed with respect to controlled waters. This comprises two sets of considerations, firstly aquifers with water abstractions and other sensitive bodies of groundwater and their protection. Secondly, entries for water discharges from various sources, including sewage discharges as well as industrial discharges have also been reviewed together with recorded pollution incidents with respect to potential risks to the site area.

#### ***Water Abstractions***

- 5.4 The site is indicated by the database information to overlie a principal aquifer, with several sensitive abstractions noted within 2km. Abstractions beyond the River Thames some 750m north of the site are not considered to be at risk from contaminants present beneath the site, as the river would act as a 'fire break' for any contaminants migrating northwards from the site.
- 5.5 On this basis, the most pertinent abstraction is a potable water abstraction some 1.4km to the south of the site where the University of Reading (UoR), draw groundwater from the chalk. The site falls within source protection zone for this abstraction (Zone II, Outer Protection Zone; either 25% of source area or a 400 day travel time, whichever is greater).
- 5.6 The other sensitive abstraction noted proximal to the site and south of the River Thames is a potable abstraction at the Royal Berkshire Hospital 900m west of the site.
- 5.7 Based on the above, these records show that the underlying groundwater could be at risk from any contaminants present on the site.

#### ***Discharge Consents***

- 5.8 Ten discharge consents were noted within 1km of the site, for a variety of discharges including discharge of treated sewage effluent, discharge of cooling water, and a

domestic soakaway. Given that the nearest of these consents is some 600m from the site and given that these discharges did not lie within the contaminant catchment for the site, we have not considered them further.

### ***Pollution Incidents***

- 5.9 Seven minor pollution incidents were recorded by the Environment Agency within 500m of the site. The closest was 177m from the site and involved 'miscellaneous' pollutants. None of these incidents were thought to have affected the surface soils on the development site.
- 5.10 A further 53 minor pollution incidents were noted between 500m and 2km of the site, although given the distance that these incidents occurred from site, we have not considered them further.
- 5.11 The only Significant pollution incident occurred in 1997 and involved unknown pollutants which affected an unlisted water source. Given that this incident occurred some 680m north of the site it is believed that this incident would not have impacted upon the site.

### **Statutory Authorisations / Local Authority Pollution Control**

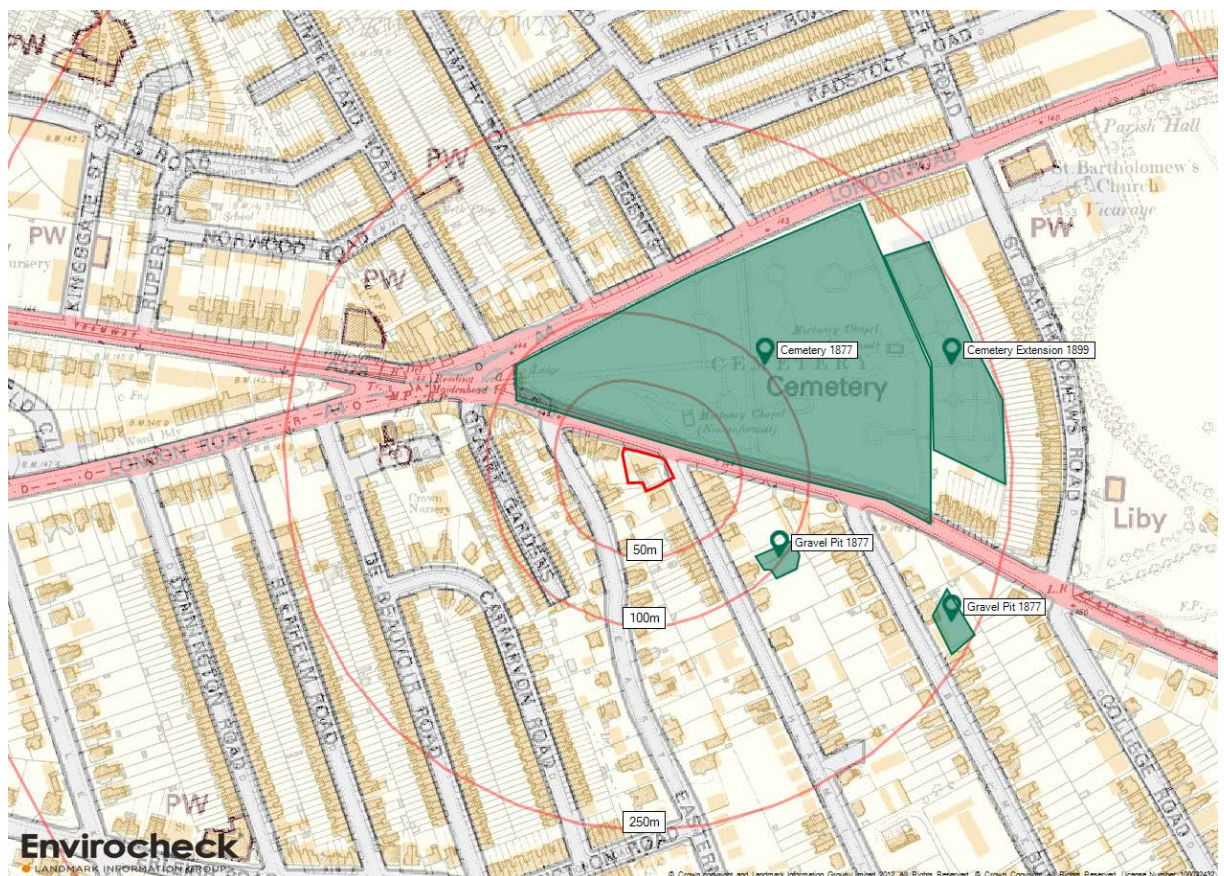
- 5.12 These authorisations are recorded by the database and include entries for integrated pollution controls, radioactive substances, planning hazardous substances, planning hazardous activities and air pollution control authorisations, among others.
- 5.13 Although the substances and activities authorised are potentially contaminative, the presence of an authorisation implies some control or mitigation of the risks at source, rather than the presence of an uncontrolled industrial process.

- 5.14 Both the University of Reading and the Royal Berkshire Hospital are authorised to use and store radioactive materials at some of their sites, although none of these are located within 500m of the site, are not thought to have impacted upon the site.
- 5.15 Seven records were noted, of which five were for dry cleaners. The nearest of these is located 120m northwest of the site. Since the dry cleaners appeared to be a small high street type cleaners rather than a large industrial laundry, the potential for inappropriate disposal of the sludge from the evaporator of a large dry cleaning machine was thought minimal and this cleaners was discounted as a risk to the site.
- 5.16 The two petrol stations listed were thought to be too distant for any hydrocarbons associated with gasoline or diesel to have migrated into the surface soils on the site, given the dilution and attenuation that would occur on this implausible journey.
- 5.17 Notwithstanding the aforementioned listings, it is acknowledged that the site formerly constituted a fuel filling station and garage, although this is not acknowledged within the dataset. Any leaks/spillages relating to this on site usage will obviously have adversely impacted soils beneath the site.
- 5.18 The database search revealed seven records of COMAH sites (Control of Major Accident Hazards) or NIHHS sites (Notification of Installations Handling Hazardous Substances) within 2km of the site. These gas holders are thought to be too distant for contaminants to have migrated into the surface soils on the site, given the dilution and attenuation that would occur on this implausible journey. This source was also discounted as a risk to the site.

## **Waste Treatment and Landfill**

### ***Historic Excavations***

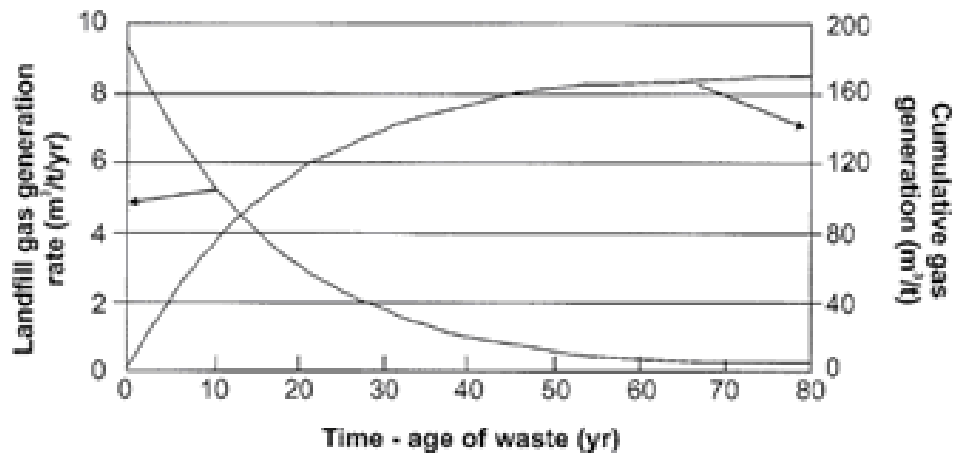
Waste disposal sites often begin their existence as old quarries and pits which are then filled, potentially with waste, refuse or even contaminated soils. Sometimes these were recorded as landfills but in some cases, there was no control or authorisation for the disposal of waste in a pit. Two former gravel pits are noted within 250m of the site which could represent infilled ground. A large cemetery is also noted immediately beyond the Wokingham Road, to the north of the site.



*Above, the 1899 map overlay on a modern aerial view of the site showing the gravel pits and the cemetery.*

- 5.19 The map overlay above shows that by 1899 both gravel pits had been infilled, with land incorporated into residential development. This would imply that no further infilling of

these has occurred in over 100 years.



Landfill gas generation against time (Nastev 1998)

- 5.20 Given the age of the fill we can see that the likely gas generation rates have fallen significantly. The extract from CIRIA C665 shows expected generation rates with respect to time. On this basis fill that is 80+ years old would be expected to be producing less than 5% of its original peak output. On this basis, and considering the small size of the gravel pits in question there is not considered to be a gas risk posed by these features.
- 5.21 Considering the cemetery, given that an extension to the burial area was required in 1899, it is reasonable to assume that the main cemetery area was approaching capacity at this time, and therefore few burials will have taken place in the late 20<sup>th</sup> and early 21<sup>st</sup> century's.
- 5.22 Information within the now withdrawn Environment Agency document 'Assessing the Groundwater Pollution Potential of Cemetery Developments' and Environment Agency guidance published the 'gov.uk' website suggests that few contaminants persist in the ground twelve years following any human burial. On this basis, and on the assumption that few (if any) burials are still on going at the cemetery, there is not considered to be



a risk of contaminants from the cemetery impacting upon ground beneath the current site of interest.

- 5.23 The map above shows a fairly large brick and tile works to the north west of the site. The map shows four kilns, a long drying shed where tiles and bricks were slowly dried before firing. A crushing mill is shown, this is where chalk may have been crushed for making lime to condition the clay or the mill may have been used to crush flint into sand, again to aid the texture of the clay. The plan also shows the brick field where clay was excavated from shallow level.

#### ***Waste Management Records***

- 5.24 The database search did not reveal any BGS recorded landfill sites, local authority recorded landfill sites, registered waste treatment sites, registered waste transfer sites or licensed waste management facilities within 2km of the site.
- 5.25 Former gravel pits some 750m to 850m to the north of the site was shown to be an inactive Environment Agency registered 'Industrial Waste Landfills' site, no further details are given.
- 5.26 Considering the distance from the site, and on the basis that the intervening River would block migrating gases from migrating towards the site, the risk presented by these features to the current site of interest has been dismissed.

#### **Industrial Activities**

##### ***Historic Industry***

- 5.27 The historic mapping showed that the site was formerly used as a garage and fuel filling station. It is understood that fuel filling operations ceased over 20 years ago.

5.28 Reading Borough Council have been contacted and state that they do not hold any records relating to the buried fuel tanks beneath the site and the size, condition and locations of these are therefore unknown.

### ***Modern Industry***

5.29 The list of trade directory entries given in the database search for potentially contaminative commercial activities was reviewed and revealed that there were an inactive listing for the site, when Mr Ilir Skura ran 'garage services' from the property; this presumably relates to vehicle repair services, instead of fuel filling operations.

5.30 Several business within 100m of the site, on the Wokingham road are also listed. A review of satellite imagery, and observations made during the walkover survey have identified these as a row of shops. Given the size of these businesses we do not consider that any could have affected the surface soils on the site.

### **Ground Subsidence/Instability**

5.31 The Ground Instability section of the database search has been reviewed with respect to the published geology and showed that the site lay in an area where compressible ground stability hazards, were not expected.

5.32 The site was also shown to lie in an area where very low risks of collapsible ground stability hazards, landslide ground stability hazards, running sand ground stability hazards, could be expected together with moderate risks of shrinking swelling clay ground stability hazards.

5.33 A high risk of ground dissolution stability hazards, has been identified, and a bespoke geotechnical investigation and foundation design maybe required to mitigate against this risk.

- 5.34 The mining and ground stability report also indicate that a subsidence investigation was undertaken in March 2007, which classified soils beneath the site as low plasticity clay. It is not known at what depth this refers to. It is assumed that that investigation was undertaken following two subsidence insurance claims dated October 2005 & February 2006. Both insurance claims are classed as 'Damage Category 2 – up to 5mm'. Active cyclical movement of up to 5mm was noted in the earliest of these claims.
- 5.35 No further information relating to these claims or the ensuing investigation is provided. This includes the cause of the cause of the subsidence, and what (if any) repairs were undertaken.

### **Flood Risk**

- 5.36 This site is not shown, by the database, to be an area subject to flood risks or being an area which benefits from flood defences. The area is not shown to be a flood water storage area.

### **Radon**

- 5.37 Radon protection measures were derived from the BR211 (2007) Annex A maps without the requirement for a geological assessment and the Envirocheck report supplied for this site.
- 5.38 Both sources indicate that no radon protection is required for new buildings or extensions in this area.

### **Sensitive Land Use**

- 5.39 The site was not shown to lie near to, or within, any Sites of Special Scientific Interest

## **6 WALKOVER SURVEY**

- 6.1 Photographs taken during the site walkover are presented in the figures pages. These photographs represent a selection of those taken, the remaining photographs are kept on file at Terramech and can be viewed on request.
- 6.2 The site is located at the junction of Wokingham Road and Hamilton Road, with vehicular access available from both. The central portion of the site is covered by a canopy which was presumably erected when the site was an operational fuel station.
- 6.3 The majority of the site, including the area beneath the canopy is currently occupied by a hand car wash & valeting business. Chemicals associated with these activities appeared to be stored within a container against the southern boundary. All external concrete floors appeared clean and in generally good condition (although cracking was noted at the site entrances). It should be noted that whilst no hydrocarbon staining was noted at surface, this is likely because any evidence of historical leakages / impaction have been washed off by the car washing.
- 6.4 No direct evidence of the former fuel filling station operations, such as tank access covers, interceptor service covers, breather/vent pipes, or pump islands were noted during the walkover. It has not therefore been possible to ascertain the numbers of or locations of any former tanks and interceptors present beneath the site.
- 6.5 Small 'mounds' of concrete, possibly indicative of cover that has been filled over were noted along the northern boundary, and these have been annotated onto the attached site layout plan.
- 6.6 To the rear of the site (southwest corner) was an irregular shaped building currently used as a tyre fitters. It is assumed that vehicle repairs were historically undertaken on the premises as a c1.2m deep inspection pit was noted to the rear of the building; poor internal lighting limited the inspection of this feature. A boiler room was noted in the

southeast of the building, although no access was available to this area, so the fuel type and condition of this apparatus is unknown. The northern part of the building appeared generally unused, with a portion separated off as offices / staff rooms. The internal concrete floors all appeared 'clean' and in good condition with no hydrocarbon staining evident.

## **7 LOCAL AUTHORITY LIAISON**

- 7.1 An enquiry was initially made with Wokingham Borough Council Trading Standards in order to obtain any records which may be held relating to the former fuel site operations. This enquiry was passed onto Reading Borough Council, who currently hold such information in the site area.
- 7.2 Reading Borough Council advise that they do not hold any records relating to the former fuel filling station on site.

## **8 CONCEPTUAL SITE MODEL**

- 8.1 This conceptual model uses the source-pathway-receptor methodology to assess the information gained from the database search and review of the historical maps together with assessments of the published geology, hydrogeology and topography.
- 8.2 The purpose of this model is to define the plausible linkages between contamination in the soils below a site and sensitive receptors such as residents and then enable a preliminary, qualitative risk assessment to be carried out.
- 8.3 The risk assessment is to establish if there are potentially unacceptable risks, if further information is required to complete the assessment and whether or not further action is needed in terms of a more detailed risk assessment. If a clear risk is established it may

be appropriate to move straight to the consideration of remedial works (CLR11 Section 2.1 - Overview).

### **Potential Contamination Sources**

- 8.4 The first part of the source pathway receptor linkage is identification of a potential source of contamination. This would include on site potential sources such as soils imported from old industrial sites or residues of processes which were carried out on the site.
- 8.5 Off site contamination sources can also be a risk to receptors on a site if the contaminants are able to move onto the site area.
- 8.6 The potential sources are drawn from the desk study investigations however, sources such as made ground (imported soil) could be present without any sensible documentary evidence and are therefore included in the conceptual model regardless of the desk study findings.

### **Migration Pathways**

- 8.7 Ground contaminants can be absorbed in the soils and be effectively stationary or can move with groundwater. In the case of liquid or gaseous contaminants, they move by themselves.
- 8.8 Migration pathways fall into two categories, the first are natural porous soils which will allow the percolation of water, gases or other liquids either vertically or horizontally. The second category of migration pathways comprises man made pathways such as granular backfill to service trenches, soakaways or areas of made ground.
- 8.9 In areas underlain impermeable strata or covered by hardstanding, surface water flow can also carry contaminants whether by un-channelled flow during floods or flow via watercourses and drainage ditches etc.



8.10 Airborne pathways for the migration of dust and fibres are present if site conditions become dry and dusty or during the demolition of any structures containing asbestos or during the trafficking of contaminated areas.

8.11 Contaminants present at the ground surface can be trafficked from source location to elsewhere by plant equipment or even by foot traffic. We have found that this is a particular concern with contamination by asbestos fibres.

### **Absorption Pathways**

8.12 The entry routes for contaminants into a human being are numerous and are summarised in the table below. These exposure pathways are considered as part of the overall Source Pathway and Receptor model and are not to be confused with migration pathways. Migration pathways are included to encompass all potential plausible links between source and receptor.

|                                                                                                                                                                               |                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ingestion of Soil<br>Ingestion of household dust<br>Ingestion of contaminated vegetables<br>Ingestion of contaminated soil attached to vegetables<br>Dermal contact with soil | Dermal Contact with household dust<br>Inhalation of fugitive soil dust<br>Inhalation of fugitive household dust<br>Inhalation of vapours outside<br>Inhalation of vapours inside |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **Receptors**

8.13 In order to assess the vulnerability of a receptor, investigations consider the exposure scenario to which receptors are subjected. Where re-development is proposed this scenario is defined by the proposed end use of a site, as a residential area or allotment for example.

8.14 Construction workers could be considered potential receptors due to their presence on site. Exposure routes to ground contamination would arise from earth handling activities and working over areas of impacted ground. The exposure durations for such workers will be very limited when compared to an occupier.

- 8.15 Service maintenance workers were considered a potential receptor due to their periodic presence on site during construction and following completion. Exposure routes to ground contamination would arise from earth handling activities during works to install or maintain these services. Again the exposure durations for such workers will be very limited when compared to an occupier.
- 8.16 Future home owners are probably the most sensitive of the receptors considered due to the time periods over which they could be exposed to any contaminants present. Young children will play and create mud baths in their gardens exposing themselves to the underlying soils in terms of dermal exposure and they can also ingest significant quantities of this soil during such play. Children and adult occupants may be exposed to the underlying soils during gardening activities and also consume fruit and vegetables which have taken up contaminants.
- 8.17 The wider public could be considered receptors of long range airborne contaminants such as volatiles liberated during excavations, dust from contaminated materials exposed by excavation or airborne fibres liberated during demolition or removal of asbestos building materials.
- 8.18 Groundwater is abstracted and consumed in bulk without any treatment in large areas of the country. Groundwater also feeds many springs lakes and rivers whose ecosystems depend on uncontaminated water. Groundwater has therefore been selected as a sensitive receptor in its own right although it could be considered under this assessment to be a migration pathway.

## **Identified Potential Linkages**

### ***1) Made Ground***

- 8.19 Made ground could be present under any section of the site. Material can be imported for a variety of reasons, usually to modify ground levels particularly close to water courses.
- 8.20 At this site we are expecting hardcore (or similar) to present beneath the site. Historic fuel tanks **may** have been historically removed, with any resulting voids requiring infilling. Deep areas of disturbed and potentially hydrocarbon impacted ground are also expected surrounding the inspection pit and any buried fuel tanks.
- 8.21 Thin layers of made ground are also inevitable around developments and can just represent old building materials such as bricks worked down into the topsoil. Thicker layers of made ground can however, represent a mass import of soil.
- 8.22 The sources of the materials and therefore the potential contaminants present were seldom considered in the past. During these eras some constituents of infill material such as scrap metals, ash and Asbestos were regarded as inert and used in rather inappropriate places. Made ground could therefore contain a wide range of commonly occurring industrial contaminants.
- 8.23 The list of potential contaminants therefore includes a basic list of toxic metals and hydrocarbons in recognition of the fact that the soils could be arising from historic foundation excavations, piling etc. on old industrial sites.
- 8.24 The potential contaminants discussed in a number of the DoE Industry Profiles could therefore apply and the selected testing suites would depend on the soil types encountered and any inclusions which allow the soil type to be identified. Potentially some insitu analysis such as volatiles detectors, pH or electrical conductivity tests could also influence the types of analysis carried out.

8.25 If contaminated fill materials are present, then the site occupants as well as the construction workforce could be at risk. Depending on the type of fill present, if at all, wider risks from dust liberation during construction or release of contaminants into groundwater by excavation disturbance could also occur.

## ***2) Fuel Filling Station***

8.26 The DoE Industry profiles for Road vehicle fuelling, service and repair (Garages and Filling Stations) considers work shops and car washes and other service and maintenance activities which are considered in another part of this list of potential sources.

8.27 The potential contaminants would include petrol range (C5 to C12) and diesel range (C10 to C40) aliphatic (open chain hydrocarbons) and aromatic (ring molecule hydrocarbons) together with Monocyclic Aromatic Hydrocarbons such as Benzene, Toluene, Ethyl Benzene and Toluene are also present in petrol and in diesel.

8.28 Methyl Tertiary-Butyl Ether (MTBE) an oxygenate and Tetraethyl and Tetramethyl Lead were also used in the past as additives to petrol to modify the combustion characteristics.

8.29 Contamination by these Hydrocarbons or additives could be present below and around any of the old fuel tanks or drainage interceptors and below the forecourt and pump islands from spillages during fuelling.

## ***3) Vehicle Repair Garage***

8.30 The workshop area is a potential source for a variety of hydrocarbons including those associated with fuels together with heavier lubrication range hydrocarbons and a range of solvents.

- 8.31 The DoE Industry profiles for Road vehicle fuelling, service and repair (Garages/Filling Stations and Transport/Haulage Centres) discusses a wide variety of contaminants including those associated with fuels and lubricants together with paint solvents, thinners and cleaning agents.
- 8.32 Old engine oil forms the largest volume source of contamination, most servicing and repair would be expected to yield at least 4.5litres (a gallon) of old oil per vehicle. Most workshops collect this oil for recycling or for use in waste oil burners. Collection can involve bespoke tanks provided by an oil recycling firm or old fuel tanks can be used, particularly if the workshop occupies an old fuel station. Spillage during the transfer of oil from collection pans to the tank can heavily contaminate the area were the tank is located, as can any leakage resulting from past deterioration of the tank structure (particularly with underground tanks).
- 8.33 Cleaning activities may have involved the use of degreasing agents which allow insoluble hydrocarbons to be washed away with water. The result is an area, often where a jet wash or steam cleaner are located, to be impacted with a mixture of heavy lubricants and light solvents.
- 8.34 Some solvents are not assessed on the basis of discussions in CLR8 (Appendix B Review of Contaminants Not Selected). Analysis suites cover a wide range of solvents (VOC analysis) and analysis for any one solvent will also include analysis for most of the others
- 8.35 Glycols associated with antifreeze are not considered further on the basis of CLR8 (Appendix B) which discusses the nature of these compounds most notably the high water solubility and their low toxicity potential.

- 8.36 Other contaminants include metals arising from milling, grinding, finishing, and polishing of components. Metals can also enter the soils where components of whole vehicles are allowed to corrode outside. As steel corrodes additives such as Boron, or coatings such as Cadmium Zinc Nickel and Chromium, are released.
- 8.37 The friction lining for brake shoes are commonly made from asbestos. Wheels and the undercarriage of vehicles often accumulate brake dust which is then liberated during the removal of wheels etc.
- 8.38 Spillages of liquids in workshop areas such as oil or fuel are often likely to be cleaned up using sawdust or soil which is then simply swept out of the nearest doorway.
- 8.39 The electrode plates in Lead-acid batteries comprise Lead, alloyed with Antimony, Calcium Tin and Selenium. The plates are manufactured to give an ideal surface for Lead Sulphate to be absorbed by the plates during use, or given off by the plates during charging. This charging and discharging cycle slowly damages the electrodes which shed a Lead rich sludge into the base of the battery. When the plastic battery body is damaged the Lead Sulphate rich, highly acidic electrolyte is released as well as the Lead rich sludge.

#### **Car Sales Forecourt & Car Washing**

- 8.40 **Vehicle storage** over various areas of the site may have impacted the underlying soils with leaked hydrocarbons associated with fuels and lubricants together with antifreezes.
- 8.41 The wash-down area may be subject to hydrocarbon contamination particularly solvents associated with degreasants, together with the hydrocarbons the degreasants have dissolved.

#### **Tabulated Conceptual model**

8.42 This Conceptual Model is summarised below in a tabular format. The most plausible linkages are then risk assessed.

8.43 The Risk Assessment comprises our interpretation of the model procedures set out in DEFRA/EA CLR 11 (Model Procedures for the Management of Land Contamination) report and considers if a potential risk is <sup>(1)</sup> acceptable, <sup>(2)</sup> acceptable following further assessment, <sup>(3)</sup> acceptable following remediation or <sup>(4)</sup> unacceptable.



|           | Potential Source<br><b>ON SITE</b> | Potential Location | Associated Contaminants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Potential Migration Pathway                                                                                                                  | Potential Absorption Pathway                                                                                                                                                                                                                                                                                                                                 | Potential Receptor                                                                                                         | Preliminary Risk Assessment                | Note                                                                                                                                                                                                                                                                                                          |
|-----------|------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Linkage 1 | Made ground                        | Whole site         | <i>Suites must reflect the nature and therefore the source of the waste materials noted. In the absence of such evidence then the basic suite below is recommended.</i><br>Antimony, Arsenic, Water Soluble, Boron, Cadmium, Chromium, Iron, Lead, Magnesium, Mercury, Molybdenum, Nickel, Selenium, Vanadium & Zinc Cyanide (free and total)<br>Thiocyanate, Total Sulphate, Sulphide, Total Sulphur, Monohydric Hydrocarbons <i>including</i> Phenols, Mono-cyclic Aromatics and Poly -cyclic Aromatic Hydrocarbons<br>Asbestos<br>Ground gases inc CH <sub>4</sub> , CO <sub>2</sub> and H <sub>2</sub> S                                   | Already present at surface on site.<br><br>Migrating off site by surface routes or porous soils to affect off site receptors or groundwater. | Dermal contact with soil<br><br>Ingestion of Soil<br><br>Inhalation of fugitive soil dust (outside)<br><br>Dermal contact with household/indoor dust<br><br>Ingestion of household/indoor dust.<br><br>Inhalation of fugitive household/indoor dust<br><br>Ingestion of contaminated vegetables<br><br>Ingestion of contaminated soil attached to vegetables | Construction Workers.<br><br>Service and Maintenance Workers.<br><br>Site Occupiers<br><br>Wider public<br><br>Groundwater | Acceptable following further investigation | Any soil analysis carried out at this site should include the contaminants identified in this linkage.                                                                                                                                                                                                        |
| Linkage 2 | Fuel Filling Station               | Whole site         | <b>Gasolene</b><br>Aliphatic Hydrocarbons C <sub>5</sub> to C <sub>12</sub> (Pentane C <sub>5</sub> , Hexane C <sub>6</sub> OctaneC <sub>8</sub> And DecanecC <sub>10</sub> )<br>Traces of Mono-cyclic and traces of Poly cyclic Aromatics from C <sub>8</sub> to C <sub>10</sub> )<br>Fuel additives such as Lead (Tetramethyl and Tetraethyl Lead) and MTBE<br><br><b>Diesel</b><br>50% Aliphatic Hydrocarbons C <sub>10</sub> to C <sub>40</sub> (Decane C <sub>10</sub> , Eicosane C <sub>20</sub> and up).<br>50% Poly cyclic Aromatics from C <sub>10</sub> to C <sub>35</sub> ).<br>Traces of Mono-cyclic (Benzene etc C <sub>6</sub> ) |                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                            | Acceptable following further investigation | Any soil analysis carried out at this site should include the contaminants identified in this linkage.<br><br>We would further recommend that a geophysical survey be undertaken prior to commencement of any intrusive works, in order to determine the locations of any former fuel tanks and interceptors. |

|           | Potential Source<br><b>ON SITE</b> | Potential Location                                                                | Associated Contaminants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Potential Migration Pathway | Potential Absorption Pathway                                                                         | Potential Receptor | Preliminary Risk Assessment                | Note                                                                                                   |
|-----------|------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Linkage 3 | Vehicle Repair Garage              | Whole Site, particularly beneath existing building and proximal to inspection pit | <b>Gasolene</b><br>Aliphatic Hydrocarbons C <sub>5</sub> to C <sub>12</sub> (Pentane C <sub>5</sub> , Hexane C <sub>6</sub> Octane C <sub>8</sub> And Decane C <sub>10</sub> )<br>Traces of Mono-cyclic and traces of Poly cyclic Aromatics from C <sub>8</sub> to C <sub>10</sub> )<br>Fuel additives such as Lead (Tetramethyl and Tetraethyl Lead) and MTBE<br><b>Diesel</b><br>50% Aliphatic Hydrocarbons C <sub>10</sub> to C <sub>40</sub> (Decane C <sub>10</sub> , Eicosane C <sub>20</sub> and up).<br>50% Poly cyclic Aromatics from C <sub>10</sub> to C <sub>35</sub> ).<br>Traces of Mono-cyclic (Benzene etc C <sub>6</sub> )<br><b>Inorganics</b><br>Metals associated with worked components. Includes alloys of steel containing chrome, vanadium molybdenum Boron and surface treatments such as chrome cadmium, cyanide nickel and zinc<br><b>Lubricants</b><br>Light Paraffin based oils as well as heavy engine oil comprising aliphatic hydrocarbons in the C <sub>20</sub> to C <sub>40</sub> range and aromatics in a similar range if the oil has been used<br><b>Solvents</b><br>Light aromatics and aliphatics up to C <sub>10</sub> (white spirit or Stoddard's Solvent) halogenated hydrocarbons.<br><b>Other</b><br>Asbestos from brake linings |                             | Inhalation of vapours or gases outside<br><br>Inhalation of vapours/gases inside.<br><br>Groundwater |                    | Acceptable following further investigation | Any soil analysis carried out at this site should include the contaminants identified in this linkage. |

|           | Potential Source<br><b>ON SITE</b> | Potential Location | Associated Contaminants                                                                                                                                                                  | Potential Migration Pathway | Potential Absorption Pathway | Potential Receptor | Preliminary Risk Assessment                | Note                                                                                                   |
|-----------|------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------|--------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Linkage 4 | Car Sales Forecourt & Car Washing  | Whole Site         | Leaking fuel leaving legacy of Poly-cyclic Aromatics, lubricants comprising heavy aliphatic hydrocarbons and Poly cyclic Aromatics or antifreeze including members of the Glycol family. |                             |                              |                    | Acceptable following further investigation | Any soil analysis carried out at this site should include the contaminants identified in this linkage. |

|  | Potential Sources<br><b>OFF SITE</b> | Potential Location | Associated Contaminants | Potential Migration<br>Pathway | Potential Absorption<br>Pathway | Potential Receptor | Preliminary Risk<br>Assessment | Note            |
|--|--------------------------------------|--------------------|-------------------------|--------------------------------|---------------------------------|--------------------|--------------------------------|-----------------|
|  | <i>None Identified</i>               |                    |                         |                                |                                 |                    | Acceptable                     | None Identified |

## 9 CONTAMINATION RISK ASSESSMENT (QUALITATIVE)

9.1 The conceptual model suggests plausible contaminant linkages between sources and receptors. The potential risks have been assessed in terms of being:

- (1) Acceptable,
  - (2) Acceptable following further assessment,
  - (3) Acceptable following remediation,
  - (4) Unacceptable.
- as follows:

9.2 The potential risks from made ground were considered acceptable so long as intrusive investigations inspect for the presence of imported soils. If great thicknesses of made ground are noted, greater than layers of topsoil with the occasional trafficked brick fragment, we would recommend that samples are recovered for analysis and any previous foundation design is reconsidered.

9.3 The risks posed by the former fuel filling station were considered acceptable following further investigation. We would further recommend that a Geophysical Survey be undertaken prior to commencement of any intrusive works, in order to determine the number of and locations of any former fuel tanks. This would reduce the risk that works would encounter a tank causing potential delays, and creating a pathway to the underlying aquifer.

9.4 The risks posed by the vehicle repair operations were considered acceptable following further.

9.5 The risks posed by car sales and washing were considered acceptable following further investigation.

- 9.6 Care should be taken in all intrusive works to ensure that a pathway is not created which may enable the rapid mobilisation of hydrocarbons into the underlying principal aquifer. This will likely require the adoption of clean drilling methods for deeper intrusive works.
- 9.7 The risks of subsidence through the actions of trees on shrinking and swelling clays were considered to be acceptable following further investigation. The plasticity and therefore the shrinkage potential needs to be determined to allow suitable foundation depths to be calculated with respect to the trees present. This is usually assessed with plasticity Index tests (Atterberg Limits) on samples from formation level and below.
- 9.8 The number, size and location of below ground fuel storage tanks present on the site will need to be quantified (where possible) prior to the undertaking of intrusive works. In due course these features will require formal decommissioning and removal, with voids to be infilled in due course. Dependant on the locations of these in relation to the proposed buildings, consideration of these may be required when designing foundations.
- 9.9 A high risk of dissolution features has been provisionally identified for the site by the BGS. Further investigation of this risk will be required, and may necessitate a bespoke foundation design (in combination with the fuel tank design discussed above). Depending on the depth and condition of chalk, it is likely that investigation of the risk presented by dissolution features will require a separate intrusive investigation.

## **Recommendations**

- 9.10 A geophysical survey should be undertaken at the site to attempt to determine the numbers of, the locations of, the size and the depth of any underground fuel storage tanks and fuel interceptors.

- 9.11 Following this it is recommended that a preliminary intrusive investigation be designed, taking into account the results of the geophysics survey and the findings of this report to provide suitable site coverage and address the risk to future site occupiers, construction works and the underlying aquifer.
- 9.12 The geophysical survey may be able to show if any tanks present have been filled with grout or other fillers. If we find that untreated tanks are present which could be filled with air and fuel vapour, we will need to halt works due to the explosion hazard while a tank de-commissioning specialist assesses the situation.
- 9.13 Given the potential depth of the buried fuel tanks and the need to install wells for groundwater monitoring and possibly a period of gas monitoring, we would suggest that a small drilling rig is brought onto the site to drill small diameter boreholes in the forecourt and buried fuel tank areas.
- 9.14 Wells should be installed in all of the boreholes to allow gas and water sampling.
- 9.15 Sampling should be undertaken beneath the bases and beside each fuel tank, as well as beneath the base of the vehicle inspection pit noted and below the pump islands, to determine if soils beneath these features have been impacted by hydrocarbons. These works should be undertaken post demolition, immediately following the removal of each tank. Decommissioning of the fuel tanks should be supervised by a suitably qualified fuel tank decommissioning specialist. Once confirmed safe, we can supervise the tank's removal.

## **10 NOTES**

- 10.1 The comments given in the report and the opinion expressed herein are based on the information sourced by the desk study and other published information. Third party

information was therefore used in the preparation of this report and Terramech Investigations Ltd. cannot guarantee the accuracy or completeness of this information.

10.2 There may be other sources of information not included in those listed that hold data relevant to the Desk Study undertaken at the site that could materially affect the conclusions made in this report. The interpretation of the maps and/or other data commented on in this report is subjective.

10.3 The conclusions in this report represent our professional opinion, these conclusions have been drawn up with the greatest care to ensure that all apparent issues were addressed properly in accordance with applicable UK guidance and accepted practice.

Written by



**M. R. Green BSc (Hons) FGS**  
For and on Behalf of  
**Terramech Investigations Ltd**

Checked

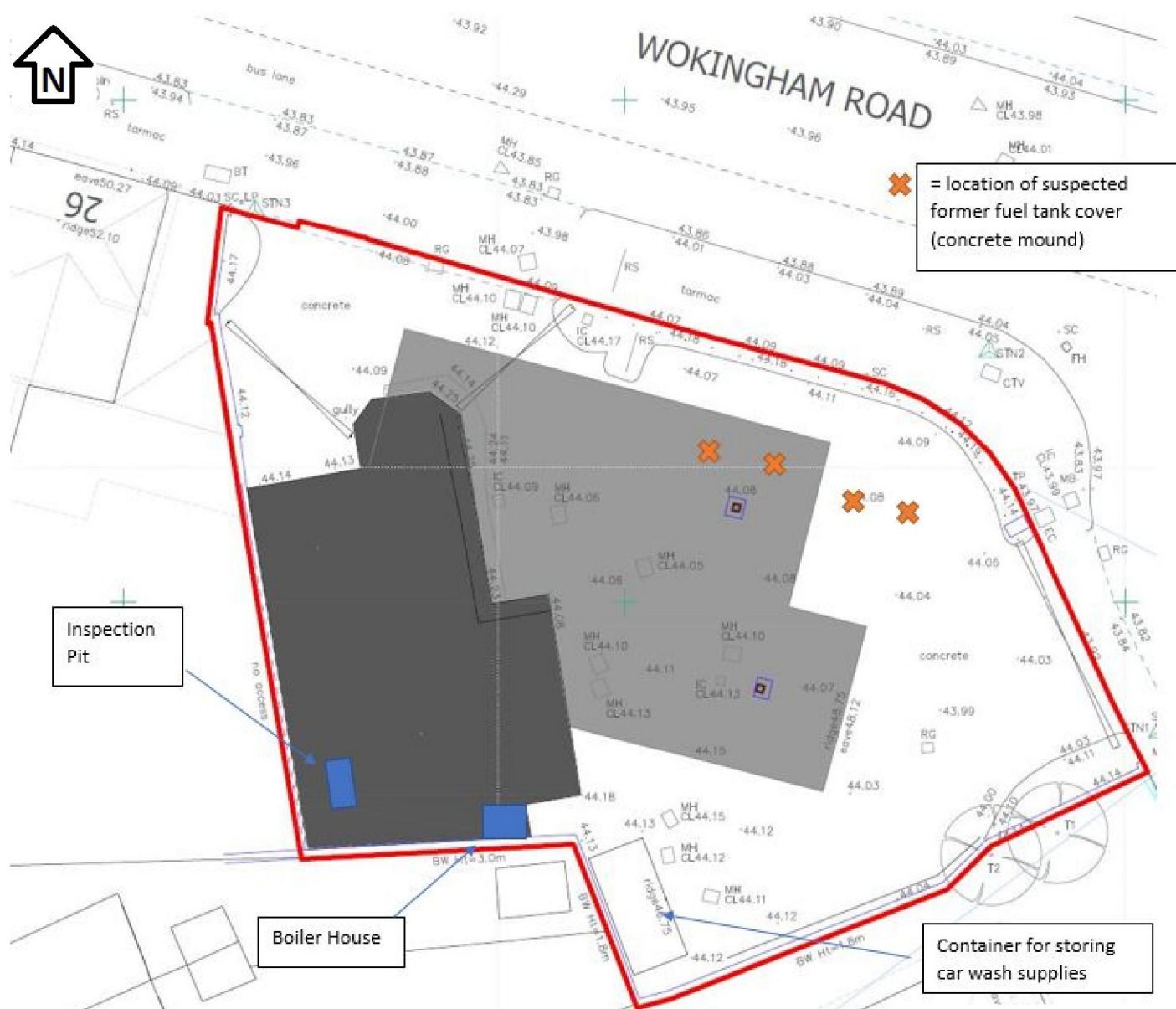


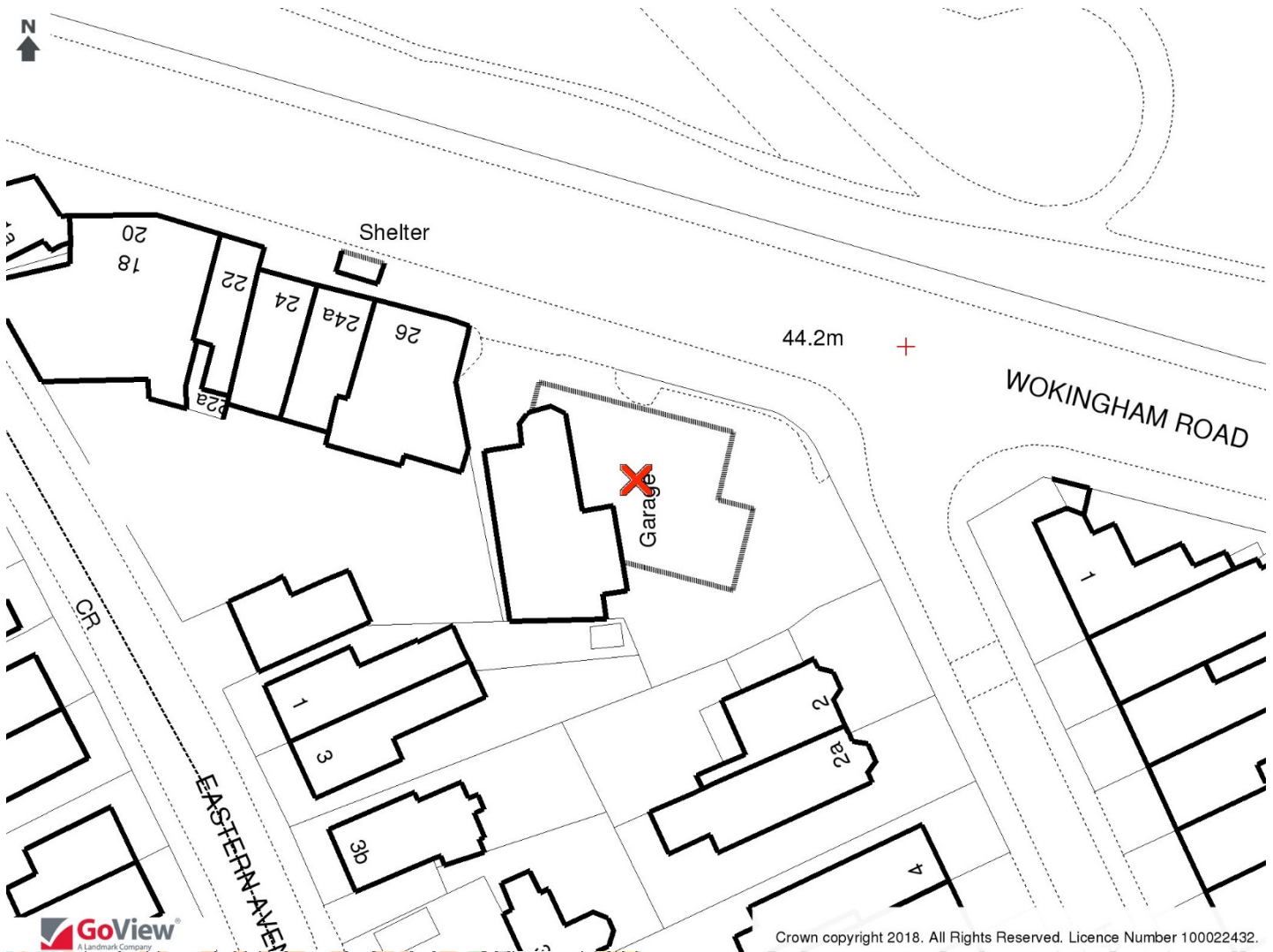
**J.R. Puzyna BEng (Hons) MCIEH**  
For and on Behalf of  
**Terramech Investigations Ltd**

MRG/JRP

2 February, 2018







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*General view of inside tyre fitters*



*Inspection pit within tyre fitters*





*Chemical storage container for car wash*



*General view across forecourt*



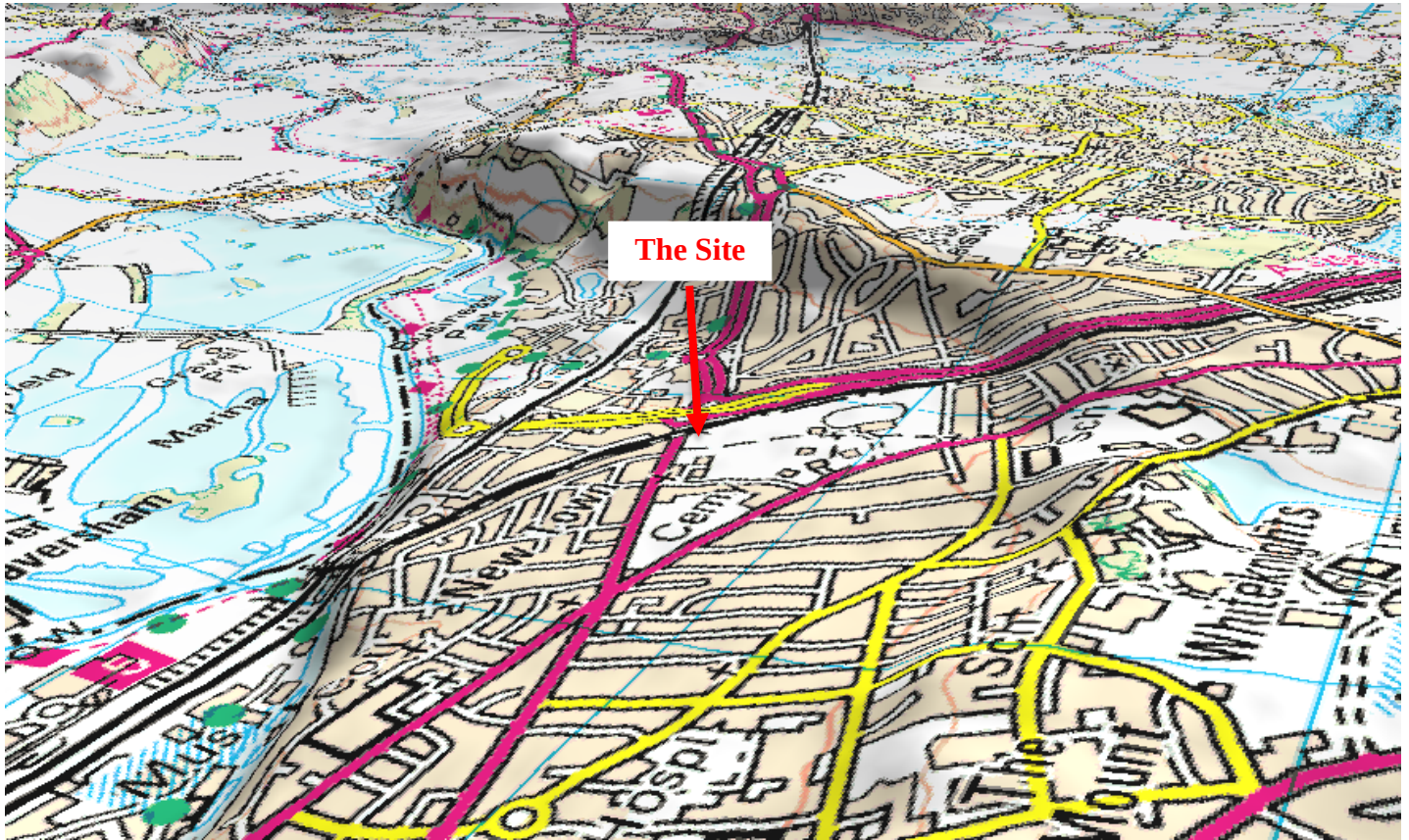


*Concrete 'mound' denoting suspected location of former fuel tank cover*

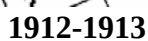
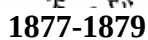


*View of site from Wokingham Road*

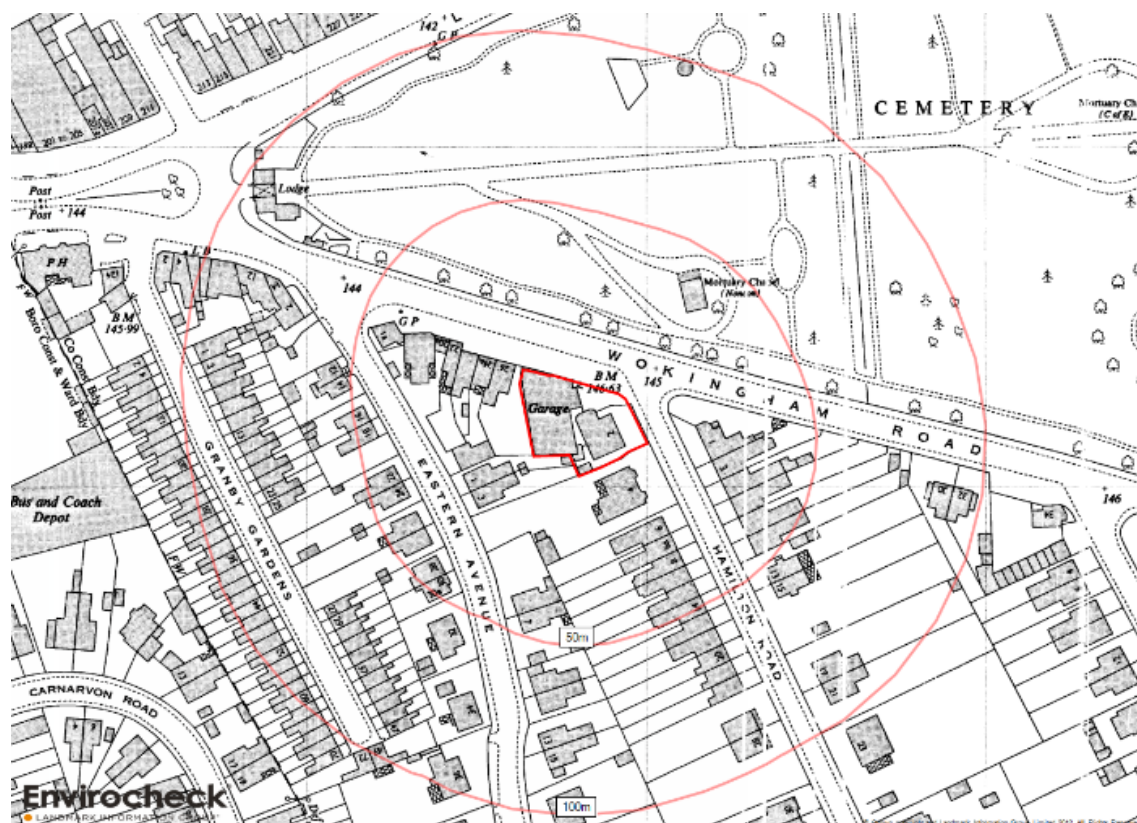
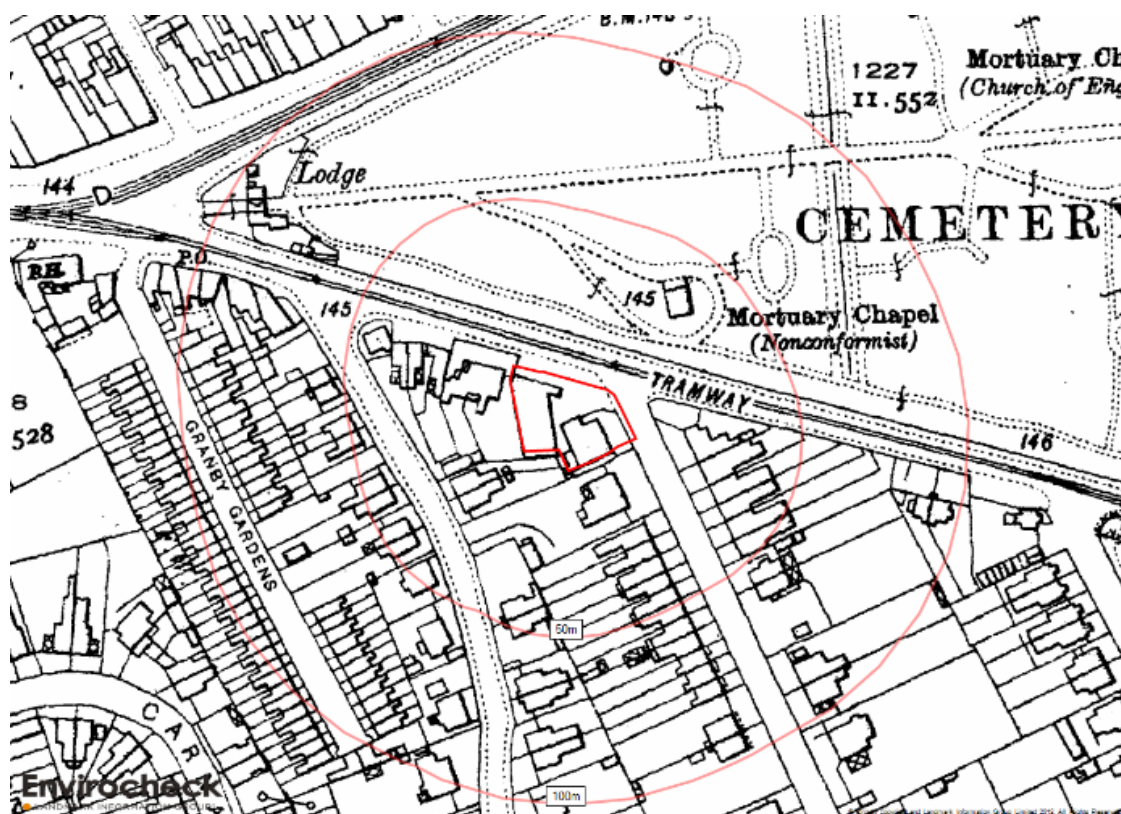




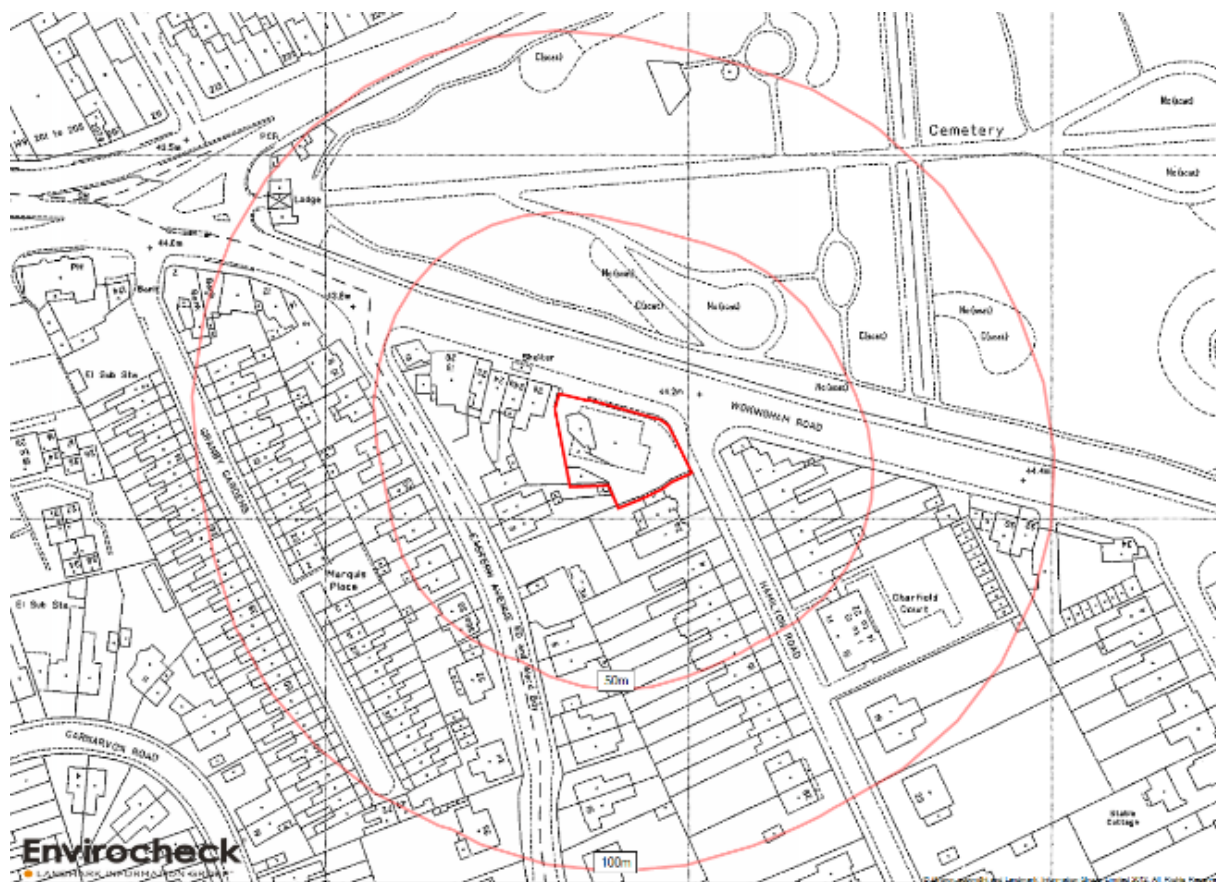
*Above a copy of the 1 to 50,000 scale map rendered according the height data given on these maps. (Note the vertical scale is greatly exaggerated to allow the topography to be visualised)*











1993



1999





*A section of the 2017 Street map with the locations of features seen on preceding historic O-S maps.*

**PHASE 1 ENVIRONMENTAL INVESTIGATION**  
**NO 4008/17**  
**AT**  
**28 WOKINGHAM ROAD, READING, RG6 1JQ**  
**FOR**  
**PROPOSED HOUSING DEVELOPMENT**

**APPENDIX A**

GEOLOGICAL REPORT

# Geology 1:10,000 Maps Legends

## Artificial Ground and Landslip

| Map Colour                                                                        | Lex Code | Rock Name                 | Rock Type          | Min and Max Age     |
|-----------------------------------------------------------------------------------|----------|---------------------------|--------------------|---------------------|
|  | WMGR     | Infilled Ground           | Artificial Deposit | Holocene - Holocene |
|  | WGR      | Worked Ground (Undivided) | Void               | Holocene - Holocene |
|  | MGR      | Made Ground (Undivided)   | Artificial Deposit | Holocene - Holocene |

## Superficial Geology

| Map Colour                                                                        | Lex Code | Rock Name                     | Rock Type                   | Min and Max Age         |
|-----------------------------------------------------------------------------------|----------|-------------------------------|-----------------------------|-------------------------|
|  | ALV      | Alluvium                      | Silt                        | Flandrian - Pleistocene |
|  | KPGR     | Kempton Park Gravel Formation | Sand and Gravel             | Devensian - Ipswichian  |
|  | LASI     | Langley Silt Member           | Clay and Silt               | Devensian - Ipswichian  |
|  | TPGR     | Taplow Gravel Formation       | Sand and Gravel             | Wolstonian - Chokierian |
|  | BHT      | Boyn Hill Gravel Member       | Sand and Gravel             | Wolstonian - Wolstonian |
|  | HEAD     | Head                          | Clay, Silt, Sand and Gravel | Quaternary - Ryazanian  |

## Bedrock and Faults

| Map Colour                                                                          | Lex Code | Rock Name                                                                                              | Rock Type           | Min and Max Age       |
|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------|---------------------|-----------------------|
|  | LC       | London Clay Formation                                                                                  | Clay, Silt and Sand | Eocene - Eocene       |
|  | LMBE     | Lambeth Group                                                                                          | Clay, Silt and Sand | Paleocene - Paleocene |
|  | LSNCK    | Lewes Nodular Chalk Formation, Seaford Chalk Formation and Newhaven Chalk Formation (Undifferentiated) | Chalk               | Campanian - Turonian  |

## Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

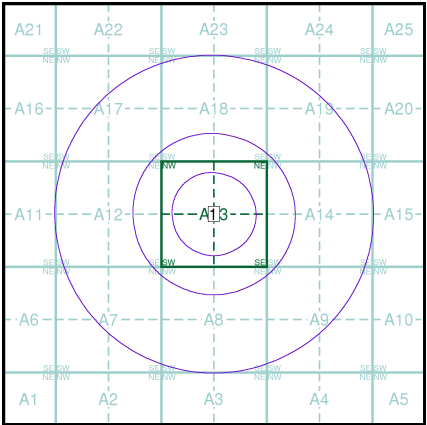
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

## Geology 1:10,000 Maps Coverage

|                      |               |
|----------------------|---------------|
| Map ID:              | 1             |
| Map Name:            | SU77SW        |
| Map Date:            | 2011          |
| Bedrock Geology:     | Available     |
| Superficial Geology: | Available     |
| Artificial Geology:  | Available     |
| Faults:              | Not Supplied  |
| Landslip:            | Not Available |
| Rock Segments:       | Not Supplied  |

## Geology 1:10,000 Maps - Slice A



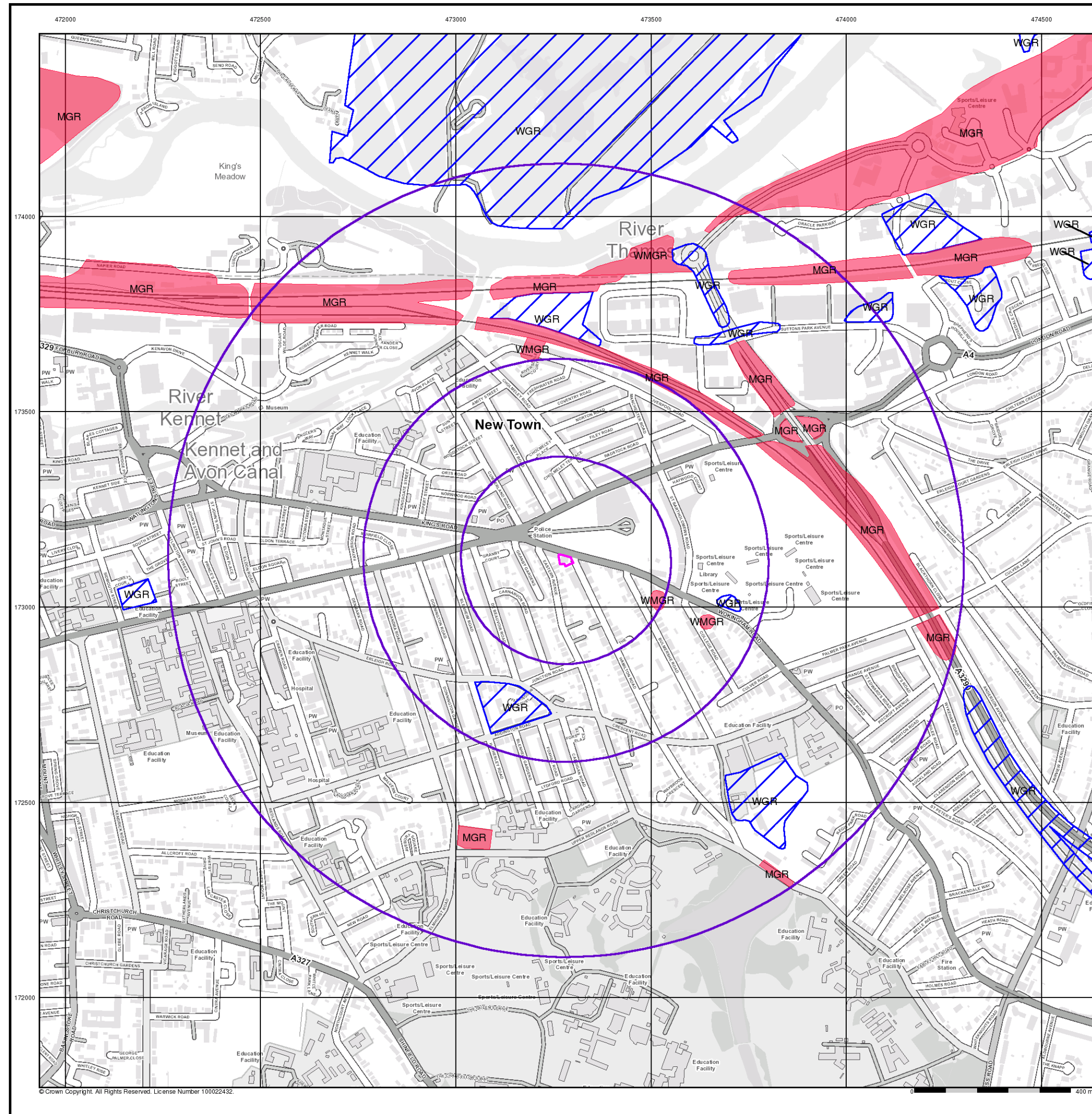
## Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 1000           |

## Site Details

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# Envirocheck®

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## Artificial Ground and Landslip

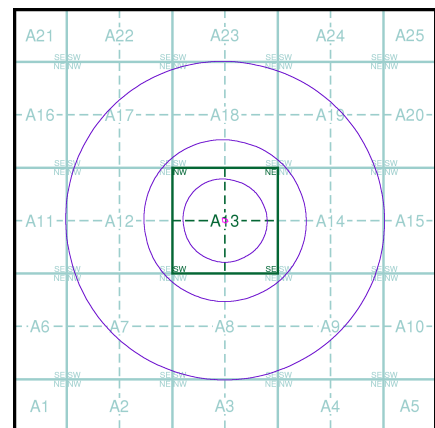
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

## Artificial Ground and Landslip Map - Slice A



### Order Details

Order Number: 153508705\_1\_1  
 Customer Ref: 4008  
 National Grid Reference: 473280, 173120  
 Slice: A  
 Site Area (Ha): 0.08  
 Search Buffer (m): 1000

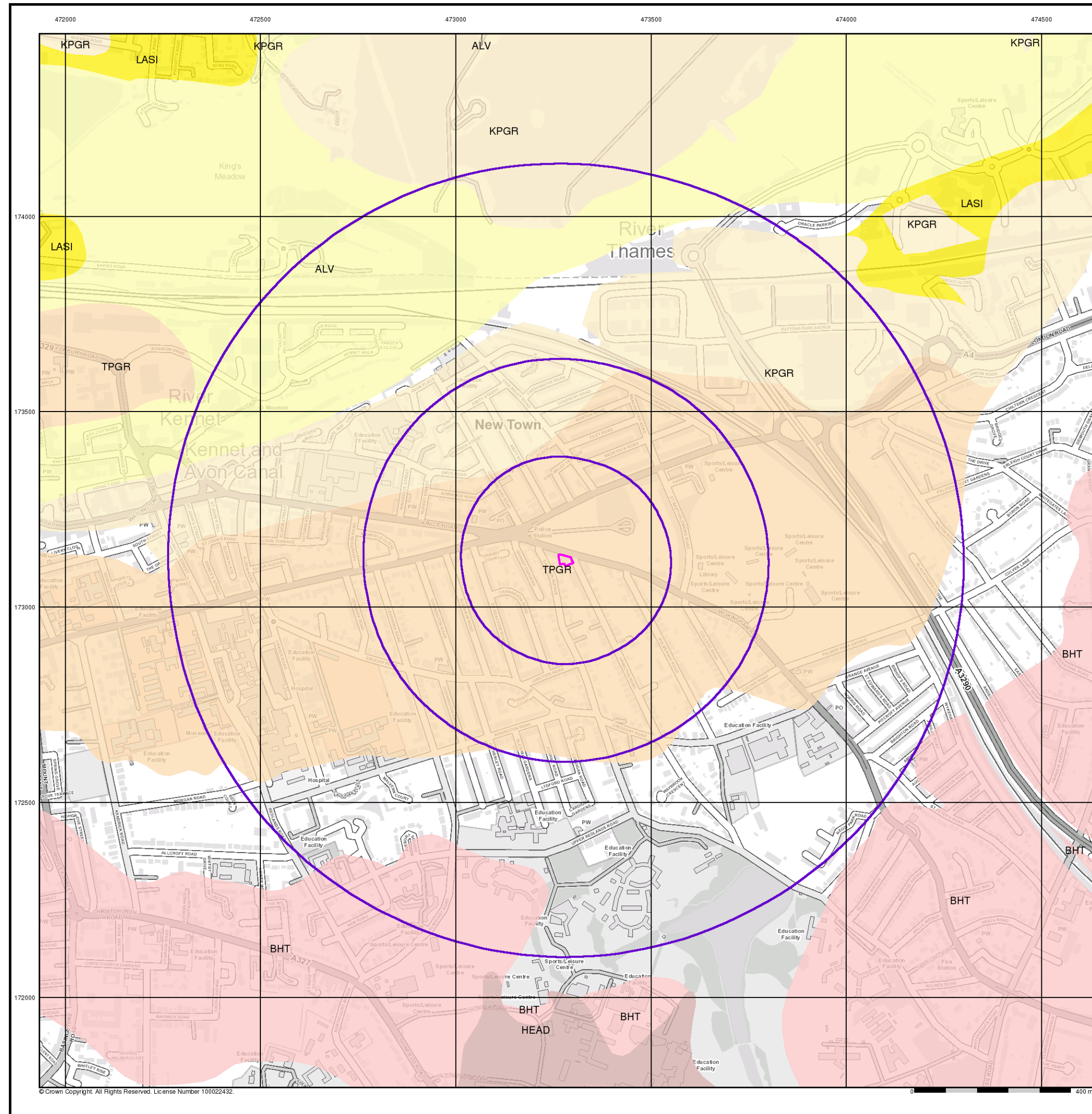
### Site Details

28, Wokingham Road, READING, RG6 1JQ

**Landmark**  
 INFORMATION GROUP

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





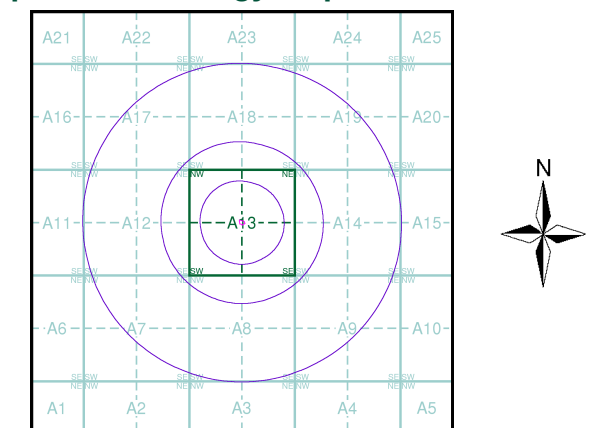
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

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

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

Superficial Geology Map - Slice A



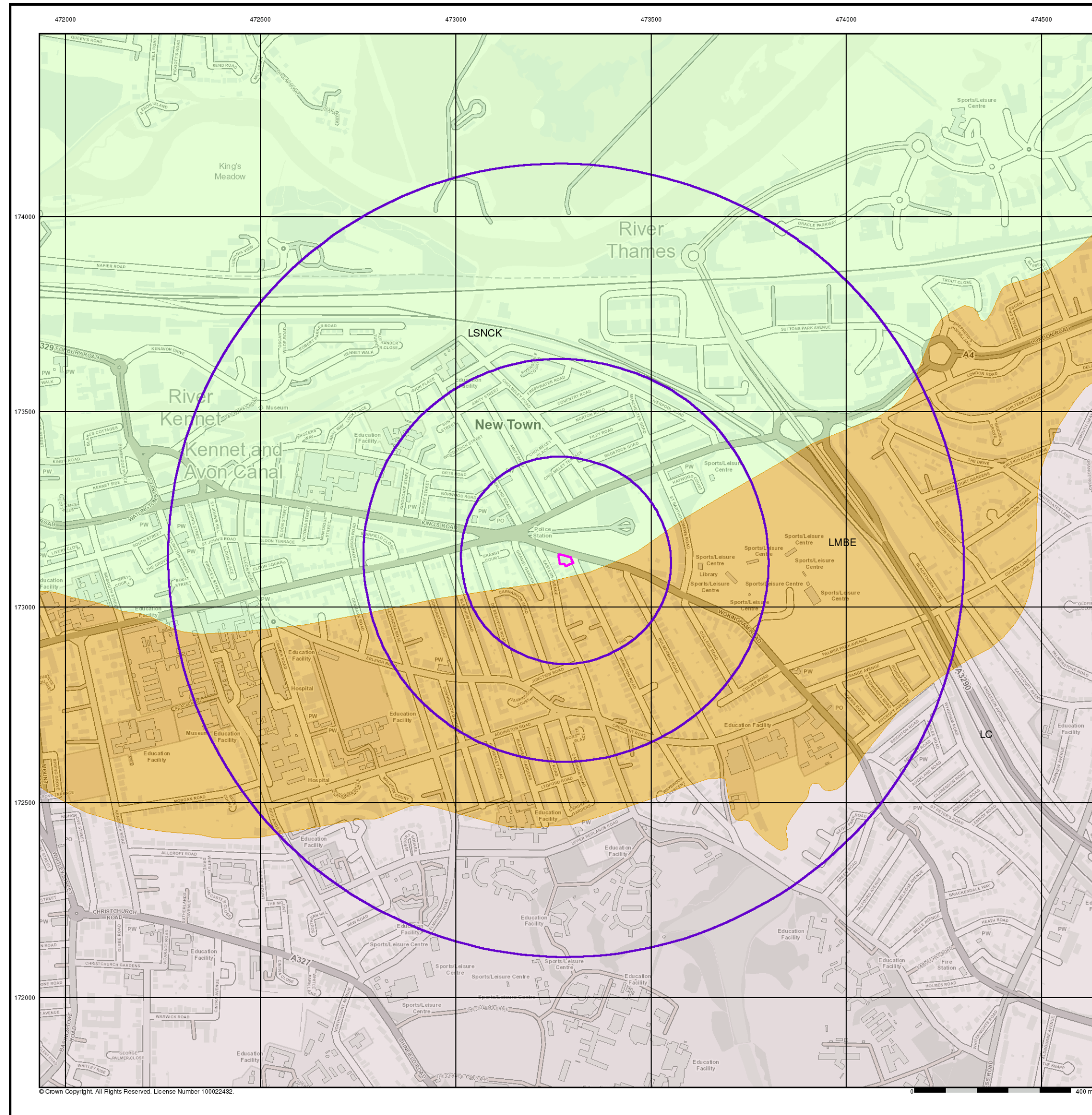
Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

Site Details

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# Envirocheck®

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## Bedrock and Faults

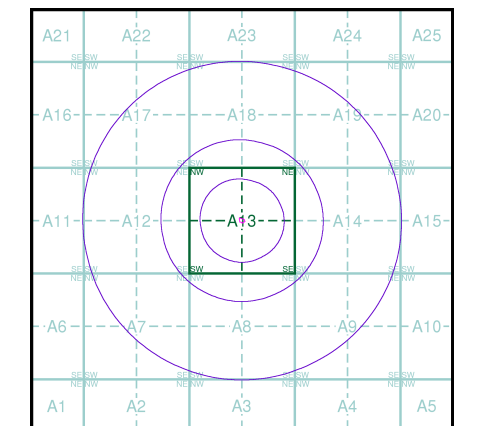
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

## Bedrock and Faults Map - Slice A



## Order Details

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Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
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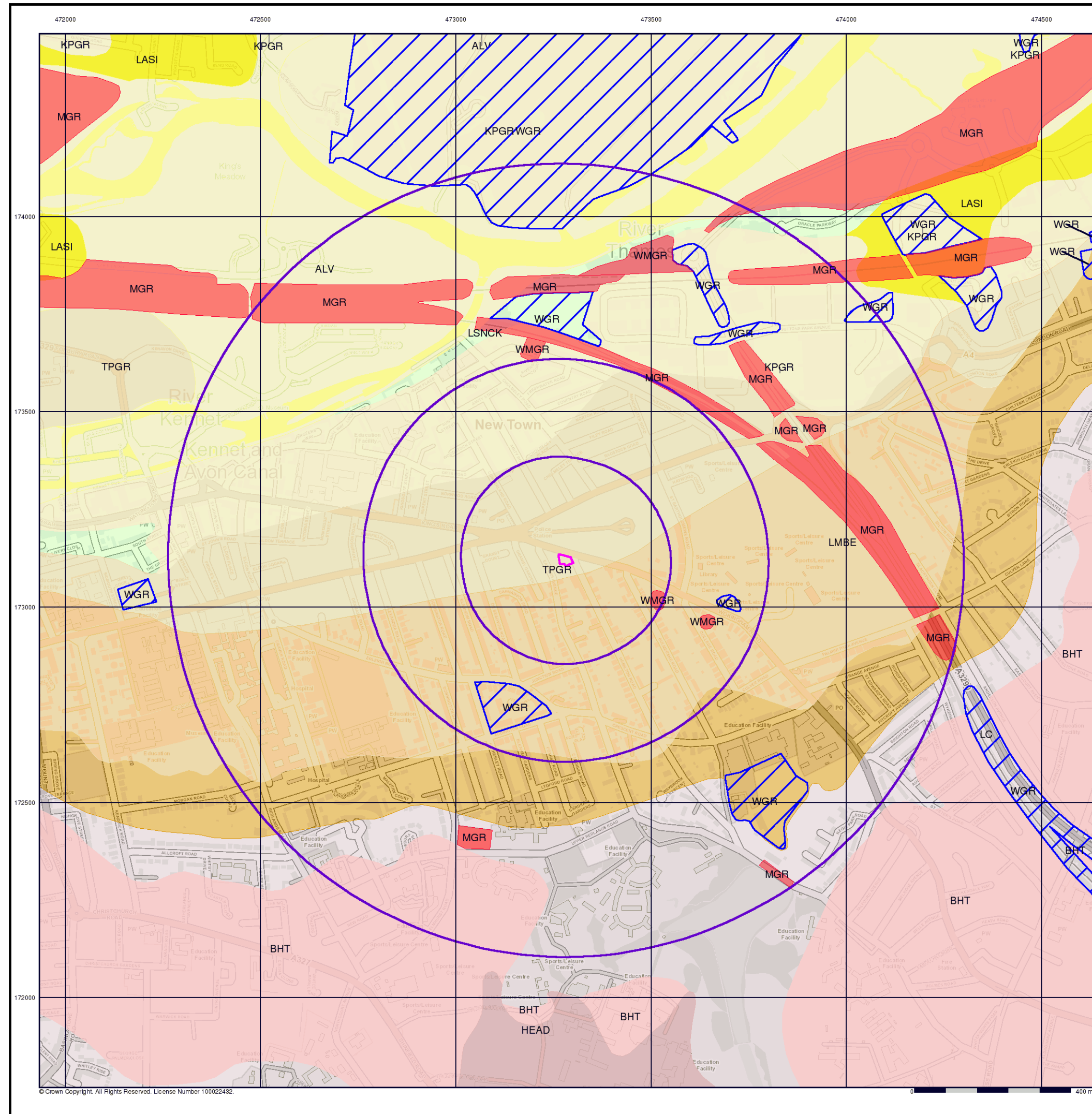
## Site Details

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## Combined Surface Geology

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

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

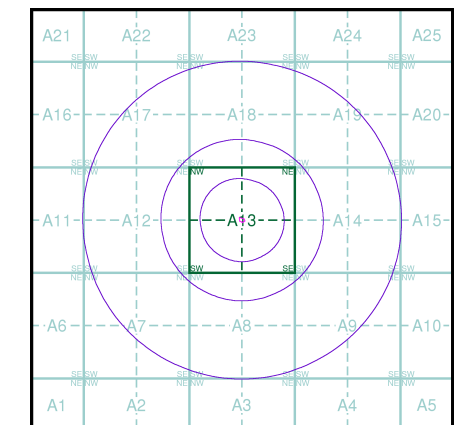
## Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

## Contact

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

## Combined Geology Map - Slice A



## Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

## Site Details

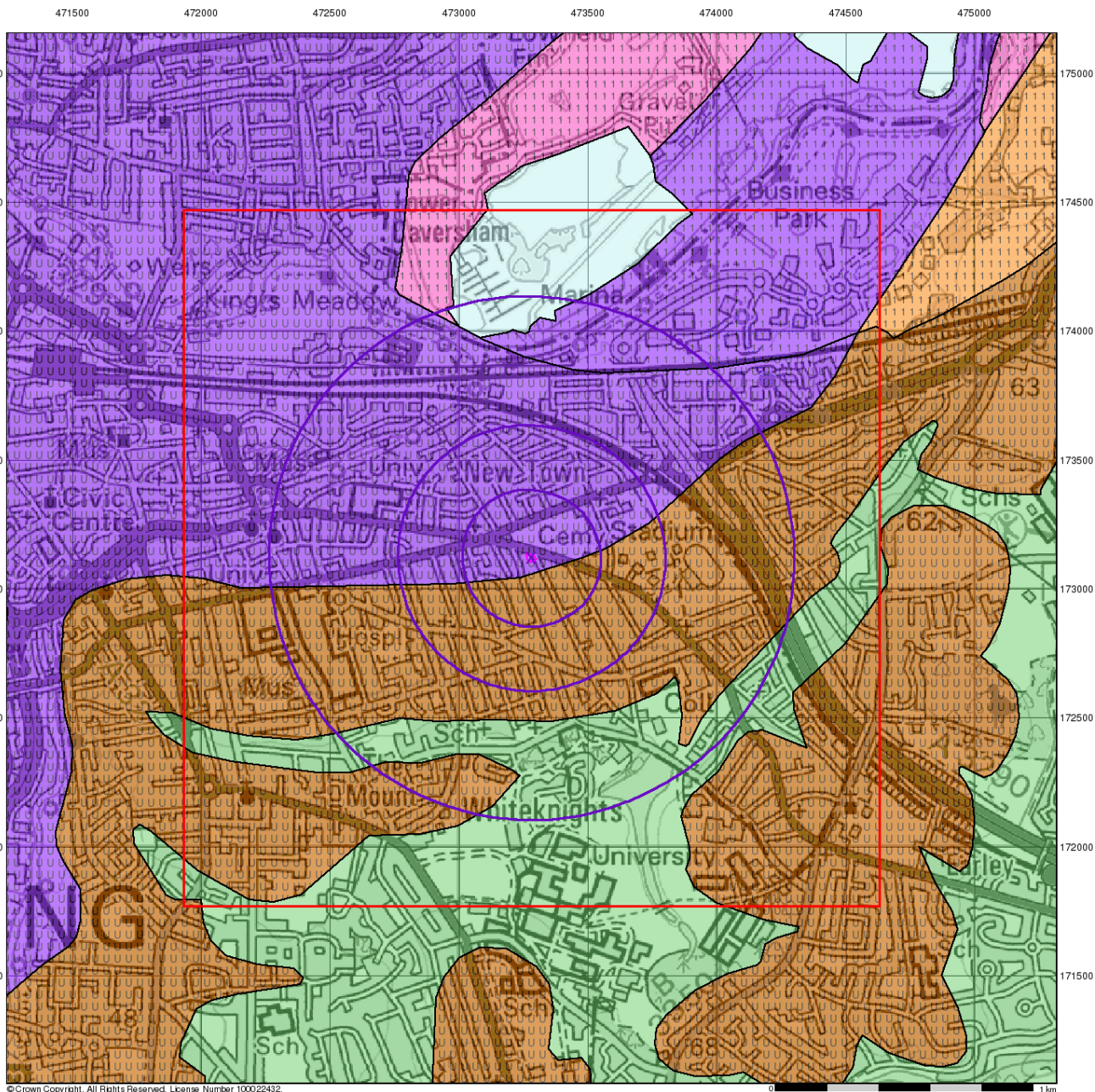
28, Wokingham Road, READING, RG6 1JQ

**PHASE 1 ENVIRONMENTAL INVESTIGATION**  
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**FOR**  
**PROPOSED HOUSING DEVELOPMENT**

**APPENDIX B**

HYDROLOGICAL / HYDROGEOLOGICAL REPORT





## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Geological Classes

**Major Aquifer (Highly Permeable)**

**Minor Aquifer (Variably Permeable)**

**Non Aquifer (Negligibly Permeable)**

**Water or Sea**

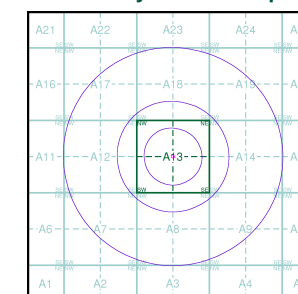
**Drift Deposit**

#### Soil Classes

High (H) 1, 2, 3, U  
Intermediate (I) 1, 2  
Low

High (H) 1, 2, 3, U  
Intermediate (I) 1, 2  
Low

### Site Sensitivity Context Map - Slice A



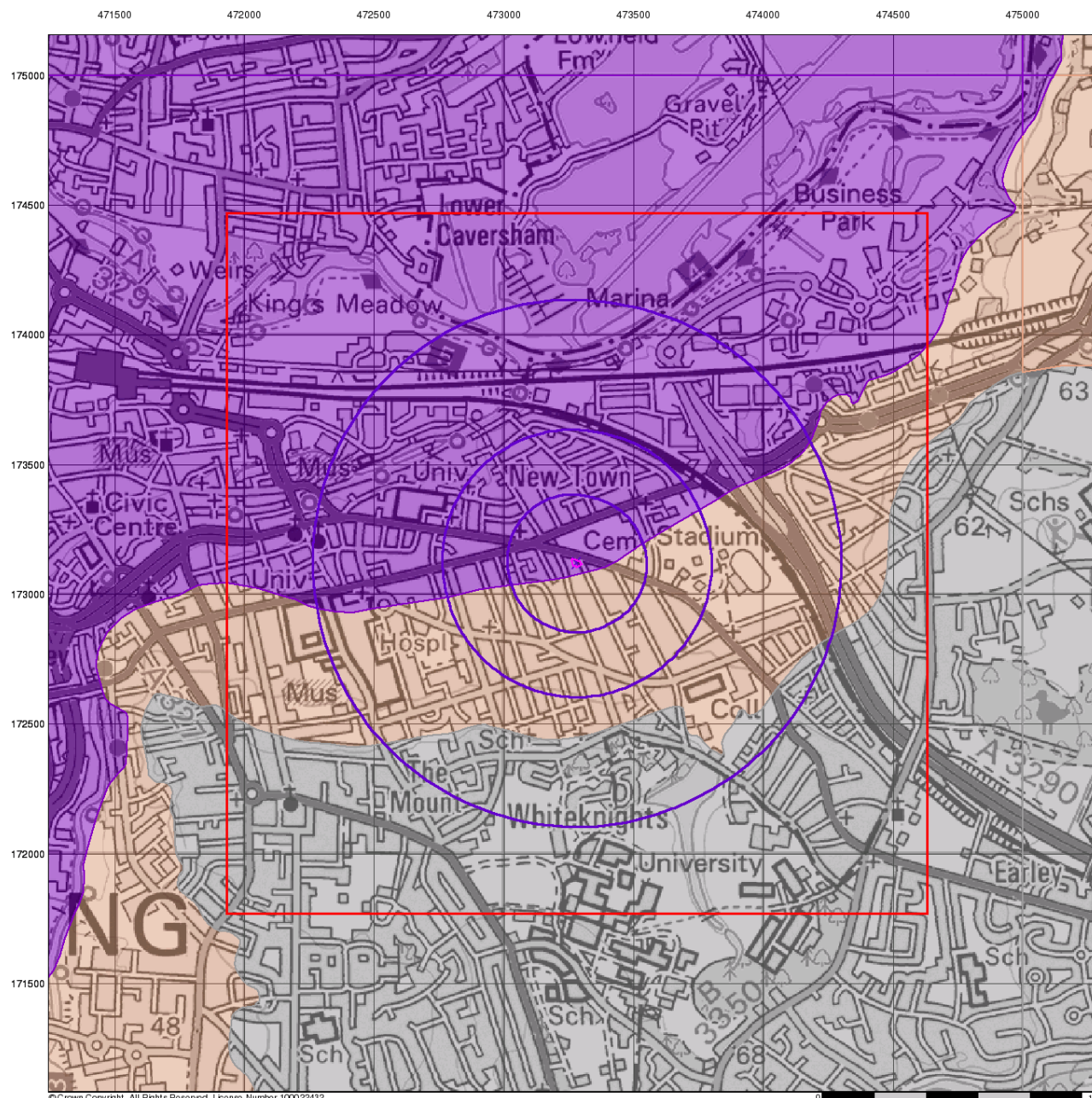
### Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

### Site Details

28, Wokingham Road, READING, RG6 1JQ





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## Bedrock Aquifer Designation

### General

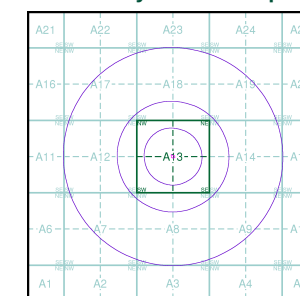
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 153508705\_1\_1  
 Customer Ref: 4008  
 National Grid Reference: 473280, 173120  
 Slice: A  
 Site Area (Ha): 0.08  
 Search Buffer (m): 1000

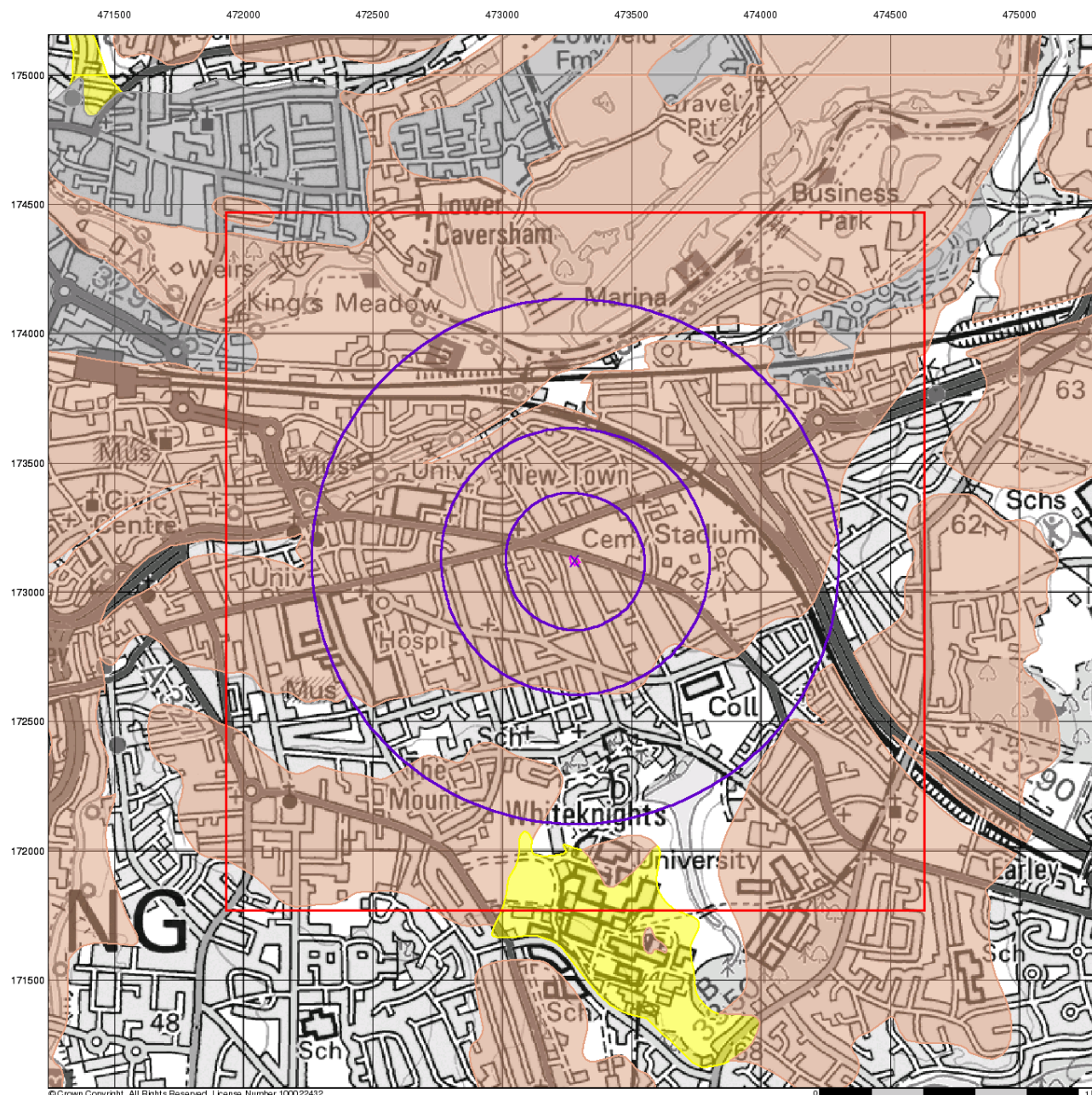
### Site Details

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## Superficial Aquifer Designation

### General

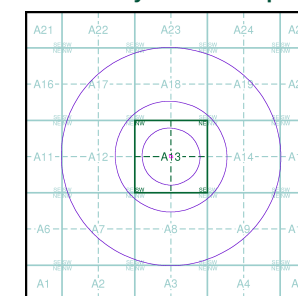
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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: 153508705\_1\_1  
 Customer Ref: 4008  
 National Grid Reference: 473280, 173120  
 Slice: A  
 Site Area (Ha): 0.08  
 Search Buffer (m): 1000

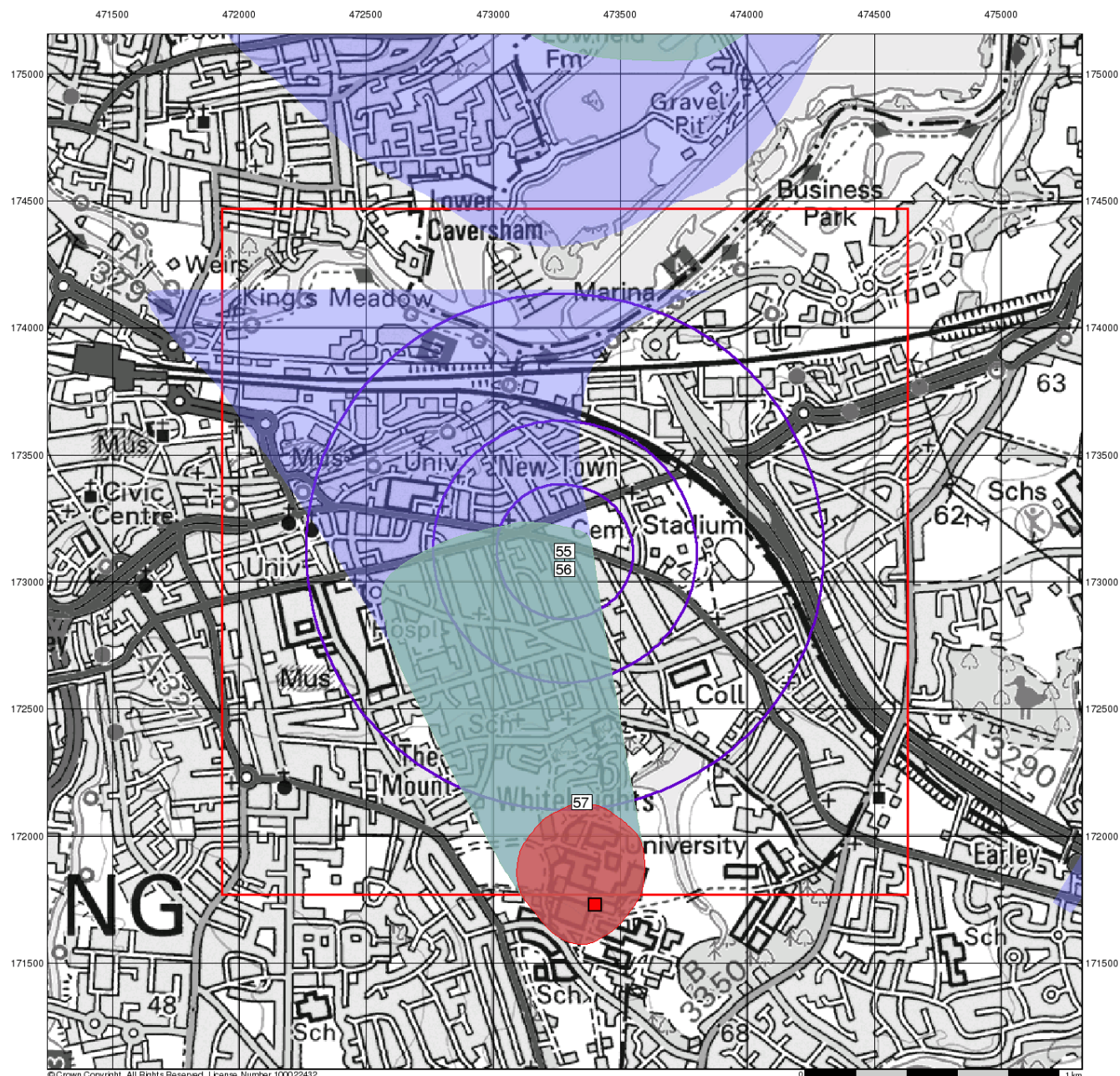
### Site Details

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## Source Protection Zones

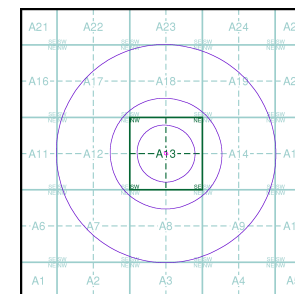
### General

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

### Agency and Hydrological

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

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 153508705\_1\_1  
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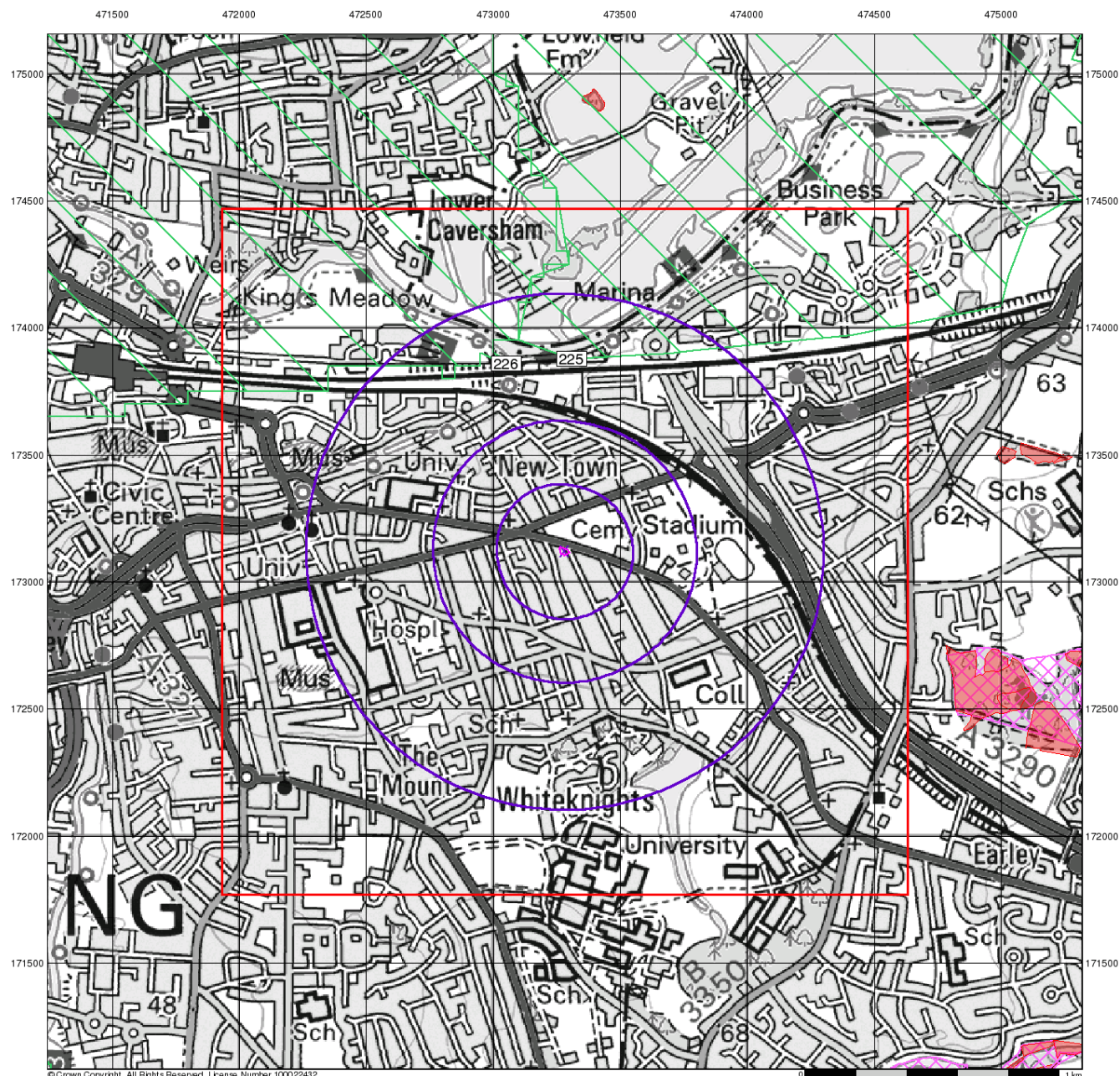
### Site Details

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## Sensitive Land Uses

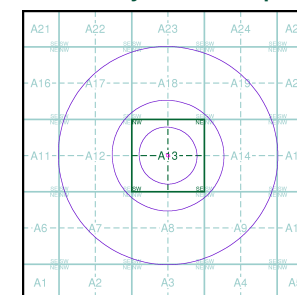
### General

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

### Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 153508705\_1\_1  
 Customer Ref: 4008  
 National Grid Reference: 473280, 173120  
 Slice: A  
 Site Area (Ha): 0.08  
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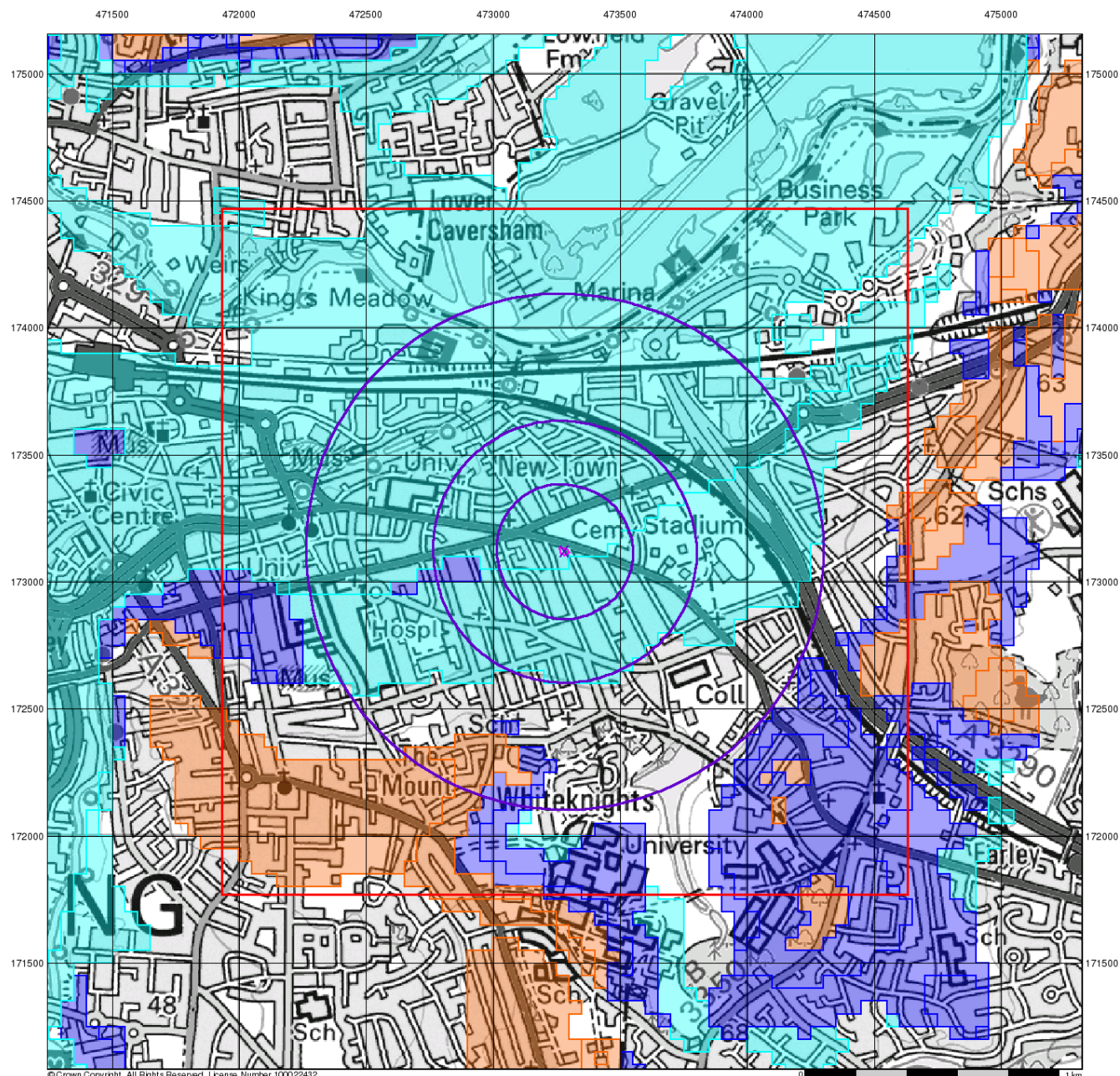
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## BGS Flood GFS Data

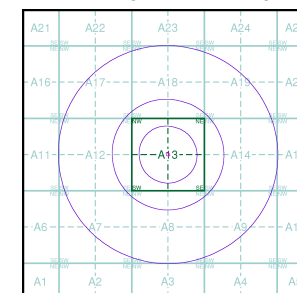
### General

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

### Agency and Hydrological (Flood)

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

## Site Sensitivity Context Map - Slice A



## Order Details

Order Number: 153508705\_1\_1  
 Customer Ref: 4008  
 National Grid Reference: 473280, 173120  
 Slice: A  
 Site Area (Ha): 0.08  
 Search Buffer (m): 1000

## Site Details

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**PHASE 1 ENVIRONMENTAL INVESTIGATION**

**NO 4008/17**

**AT**

**28 WOKINGHAM ROAD, READING, RG6 1JQ**

**FOR**

**PROPOSED HOUSING DEVELOPMENT**

## **APPENDIX C**

HISTORIC MAP SETS



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

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

## 1:10,000 Raster Mapping

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

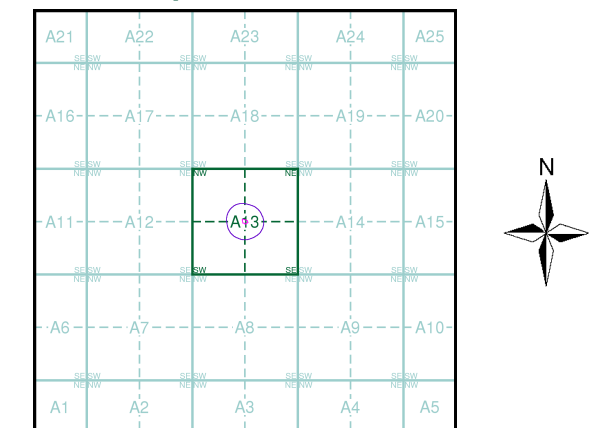
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## Historical Mapping & Photography included:

| Mapping Type                  | Scale    | Date        | Pg |
|-------------------------------|----------|-------------|----|
| Oxfordshire                   | 1:10,560 | 1882        | 3  |
| Berkshire                     | 1:10,560 | 1883        | 4  |
| Berkshire                     | 1:10,560 | 1900        | 5  |
| Oxfordshire                   | 1:10,560 | 1900        | 6  |
| Berkshire                     | 1:10,560 | 1901        | 7  |
| Oxfordshire                   | 1:10,560 | 1901        | 8  |
| Berkshire                     | 1:10,560 | 1913 - 1914 | 9  |
| Berkshire                     | 1:10,560 | 1933        | 10 |
| Berkshire                     | 1:10,560 | 1938        | 11 |
| Berkshire                     | 1:10,560 | 1938        | 12 |
| Historical Aerial Photography | 1:10,560 | 1948        | 13 |
| Ordnance Survey Plan          | 1:10,000 | 1962        | 14 |
| Ordnance Survey Plan          | 1:10,000 | 1973        | 15 |
| Ordnance Survey Plan          | 1:10,000 | 1979        | 16 |
| Ordnance Survey Plan          | 1:10,000 | 1990        | 17 |
| Reading                       | 1:10,000 | 1990        | 18 |
| Ordnance Survey Plan          | 1:10,000 | 1995        | 19 |
| 10K Raster Mapping            | 1:10,000 | 1999        | 20 |
| 10K Raster Mapping            | 1:10,000 | 2006        | 21 |
| VectorMap Local               | 1:10,000 | 2017        | 22 |

## Historical Map - Slice A



## Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

## Site Details

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Russian Military Mapping Legends

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

a. Not drawn to scale    b. Drawn to scale

Government and Administrative Buildings    Military and Industrial Buildings

Military and Communication Areas    Subway Entrance

Fireproof Building    Prominent Fireproof Building

Non-fireproof Building    Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys    Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale    Hydroelectric Power Station

Radio Station, drawn to scale    Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry    Open-pit Salt Mine

Pit    Oil Deposit or Well    Oil Seepage

Tailings Pile    Fuel Storage Tanks    Natural Gas Tank

Bench Mark    Drill Hole    Burial Mound    Triangulation Point on Burial Mound

Single-track Railroad    Small Bridge    Double-track Railroad and Station Building

Coniferous Forest    Deciduous Forest    Mixed Forest

Lawns    Citrus Orchard    Wet Ground    Scattered Vegetation

243.8    Values for prominent elevations

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

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

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

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

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

1:25,000 mapping

a. Not drawn to scale    b. Drawn to scale

Government and Administrative Buildings    Military and Industrial Buildings

Military and Communication Areas    Subway Entrance

Partly Demolished Buildings    Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant    Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building    Prominent Industrial Building

Individual Dwelling, Fireproof    Ruins of an Individual Dwelling

Factory or Mill Chimney    Factory or Mill with Chimney    Factory or Mill without Chimney    Mine or Open Pit Mine

Operating Shaft or Mine    Non-Operating Shaft or Mine    Salt Mine    Tailings Pile

Pit    Stone Quarry    Gas Pump or Service Station    Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick    Small Hydroelectric Power Station    Power Station    Transformer Station

Cemetery    Burial Mound (height in metres)    Triangulation Point on Burial Mound    Triangulation Point

Bench Mark    Bench Mark (monumented)    Telegraph Office    Telephone Station

Radio Station    Radio Tower    Airfield or Seaplane Base    Landing Strip

Telegraph/Telephone Lines    Main Highway    Highway under Construction    Improved Dirt Road (former truck road)

Double-track Railroad with First Class Station    Dismantled Railroad    Railroad Under Construction

Shore Embankment    River or Ditch with Embankment    Direction and velocity of current    Water Gauge    Water Level Mark

Well    Water Reservoir or Rain Water Pit    Spring    Isobath with value

Heavy (Index) Contour Line    Contour Line and Value    Half Contour Line    Spot Elevation Value

Coniferous    Deciduous    Mixed    Scrub

Key to Numbers on Mapping

SU77SW\_Reading

| No. | Description                       |
|-----|-----------------------------------|
| 2   | Hospital                          |
| 17  | Factories (Metal Works And Tubes) |
| 25  | Education Establishment (College) |
| 28  | Post Office                       |

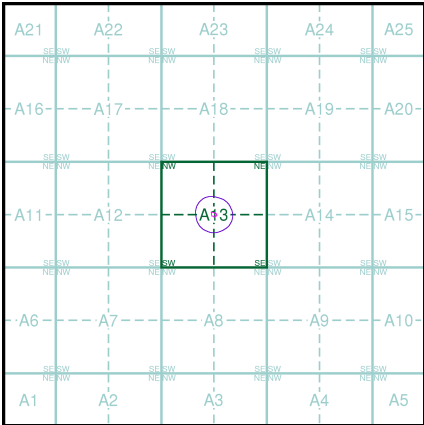
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Historical Mapping & Photography included:

| Mapping Type                  | Scale    | Date        | Pg |
|-------------------------------|----------|-------------|----|
| Oxfordshire                   | 1:10,560 | 1882        | 3  |
| Berkshire                     | 1:10,560 | 1883        | 4  |
| Berkshire                     | 1:10,560 | 1900        | 5  |
| Oxfordshire                   | 1:10,560 | 1900        | 6  |
| Berkshire                     | 1:10,560 | 1901        | 7  |
| Oxfordshire                   | 1:10,560 | 1901        | 8  |
| Berkshire                     | 1:10,560 | 1913 - 1914 | 9  |
| Berkshire                     | 1:10,560 | 1933        | 10 |
| Berkshire                     | 1:10,560 | 1938        | 11 |
| Berkshire                     | 1:10,560 | 1938        | 12 |
| Historical Aerial Photography | 1:10,560 | 1948        | 13 |
| Ordnance Survey Plan          | 1:10,000 | 1962        | 14 |
| Ordnance Survey Plan          | 1:10,000 | 1973        | 15 |
| Ordnance Survey Plan          | 1:10,000 | 1979        | 16 |
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| Ordnance Survey Plan          | 1:10,000 | 1995        | 19 |
| 10K Raster Mapping            | 1:10,000 | 1999        | 20 |
| 10K Raster Mapping            | 1:10,000 | 2006        | 21 |
| VectorMap Local               | 1:10,000 | 2017        | 22 |

Russian Map - Slice A



Order Details

Order Number: 153508705\_1\_1  
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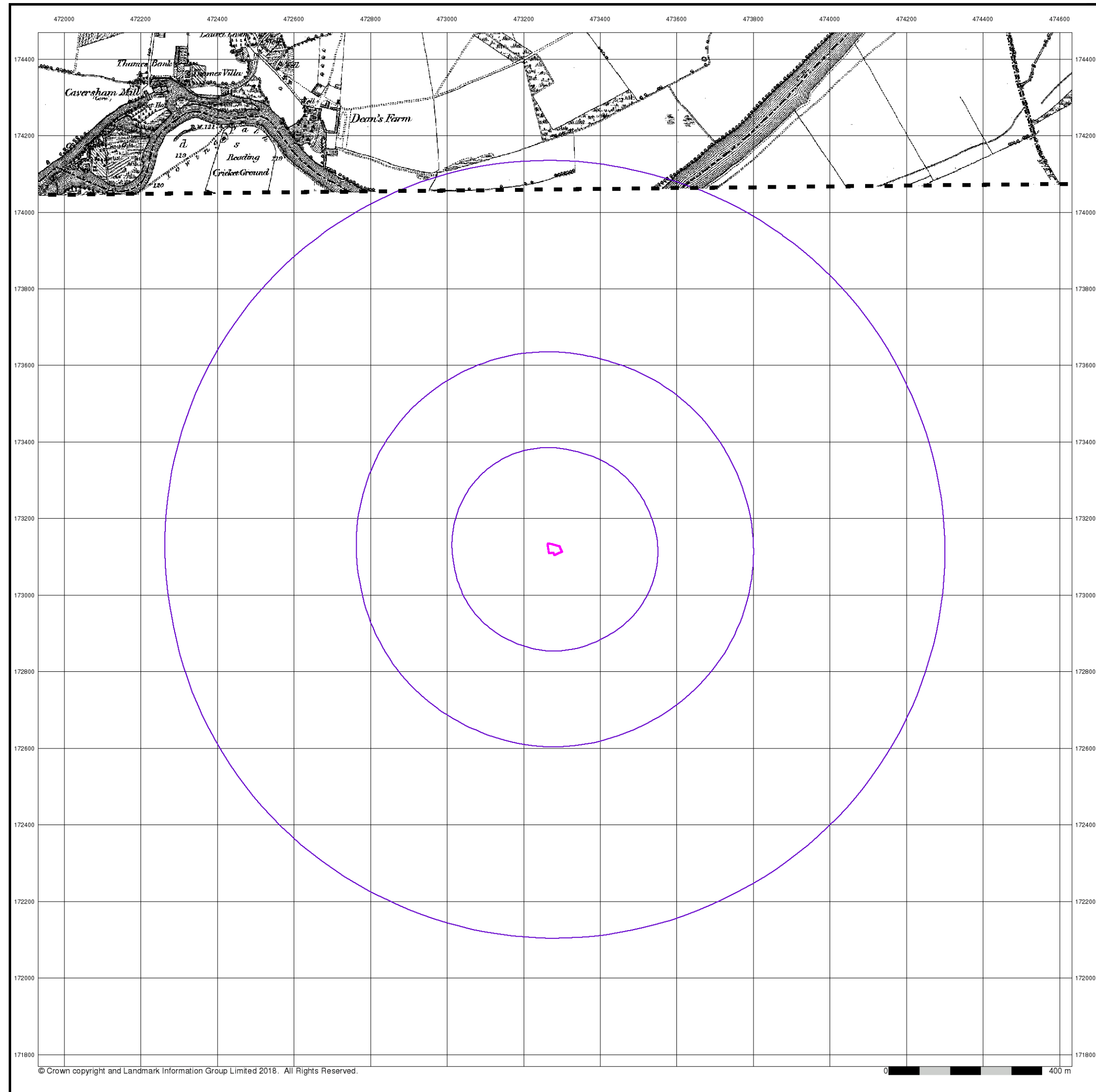
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## Oxfordshire

### Published 1882

### 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)

05600  
1882  
1:10,560

### Historical Map - Slice A

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| A21   | A22   | A23   | A24   | A25   |
| SE SW | SE SW | SE SW | SE SW | SE SW |
| A16   | A17   | A18   | A19   | A20   |
| SE SW | SE SW | SE SW | SE SW | SE SW |
| A11   | A12   | A13   | A14   | A15   |
| SE SW | SE SW | SE SW | SE SW | SE SW |
| A6    | A7    | A8    | A9    | A10   |
| SE SW | SE SW | SE SW | SE SW | SE SW |
| A1    | A2    | A3    | A4    | A5    |

### Order Details

|                          |                |
|--------------------------|----------------|
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| Customer Ref:            | 4008           |
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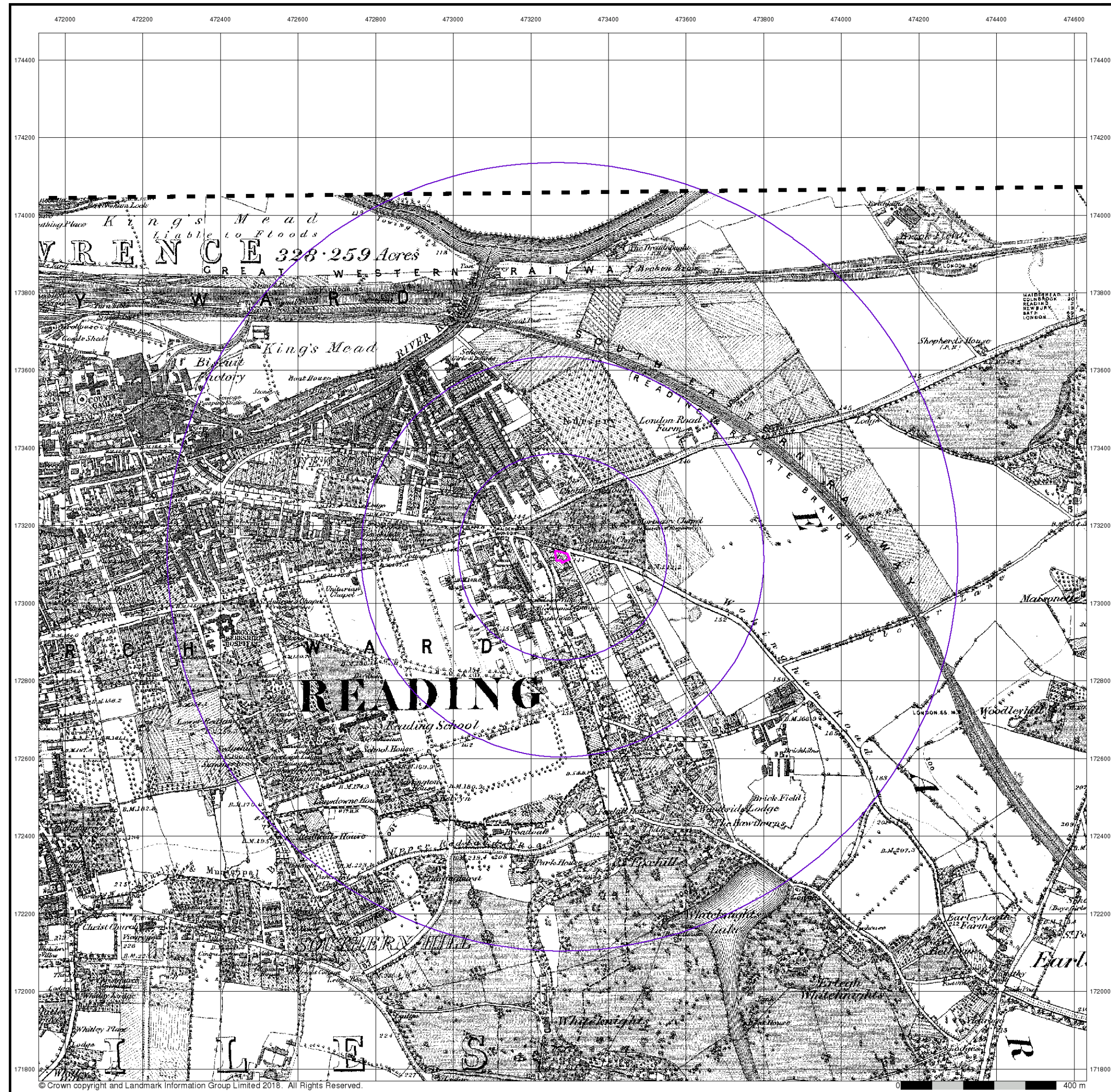
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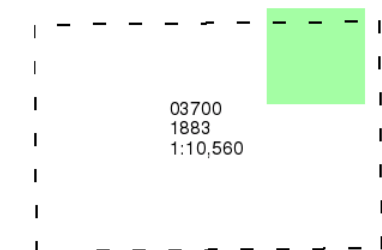
Berkshire

Published 1883

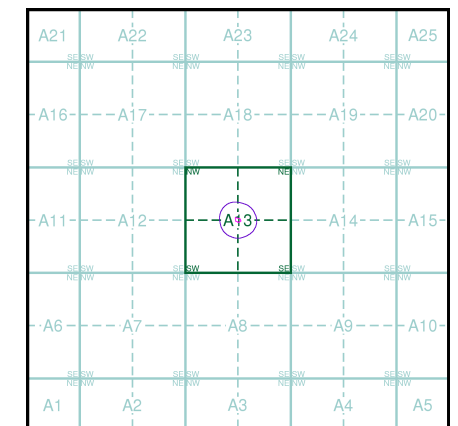
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## Map Name(s) and Date(s)



## Historical Map - Slice A



## Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

## Site Details

28, Wokingham Road, READING, RG6 1JQ

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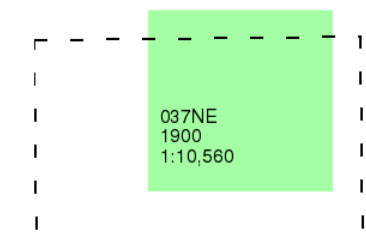
Berkshire

Published 1900

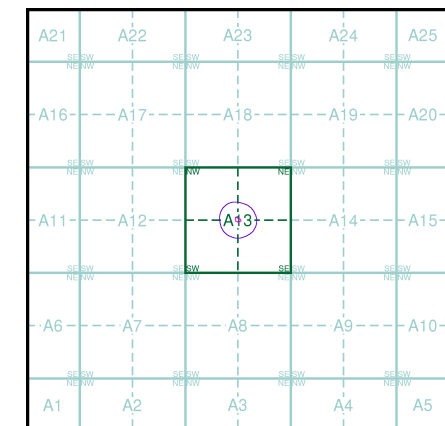
Source map scale - 1:10,560

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

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



## Historical Map - Slice A



## Order Details

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**Published 1900**

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056SE  
1900  
1:10,560

The figure shows a 5x5 grid of cells labeled A1 to A25. Cell A13 is highlighted with a green border and a purple circle. The grid is divided into four quadrants by dashed lines. The top-left quadrant (A1-A12) is labeled 'SE ROW' and 'NE ROW'. The top-right quadrant (A13-A25) is labeled 'SE ROW' and 'NE ROW'. The bottom-left quadrant (A6-A12) is labeled 'SE ROW' and 'NE ROW'. The bottom-right quadrant (A9-A15) is labeled 'SE ROW' and 'NE ROW'.

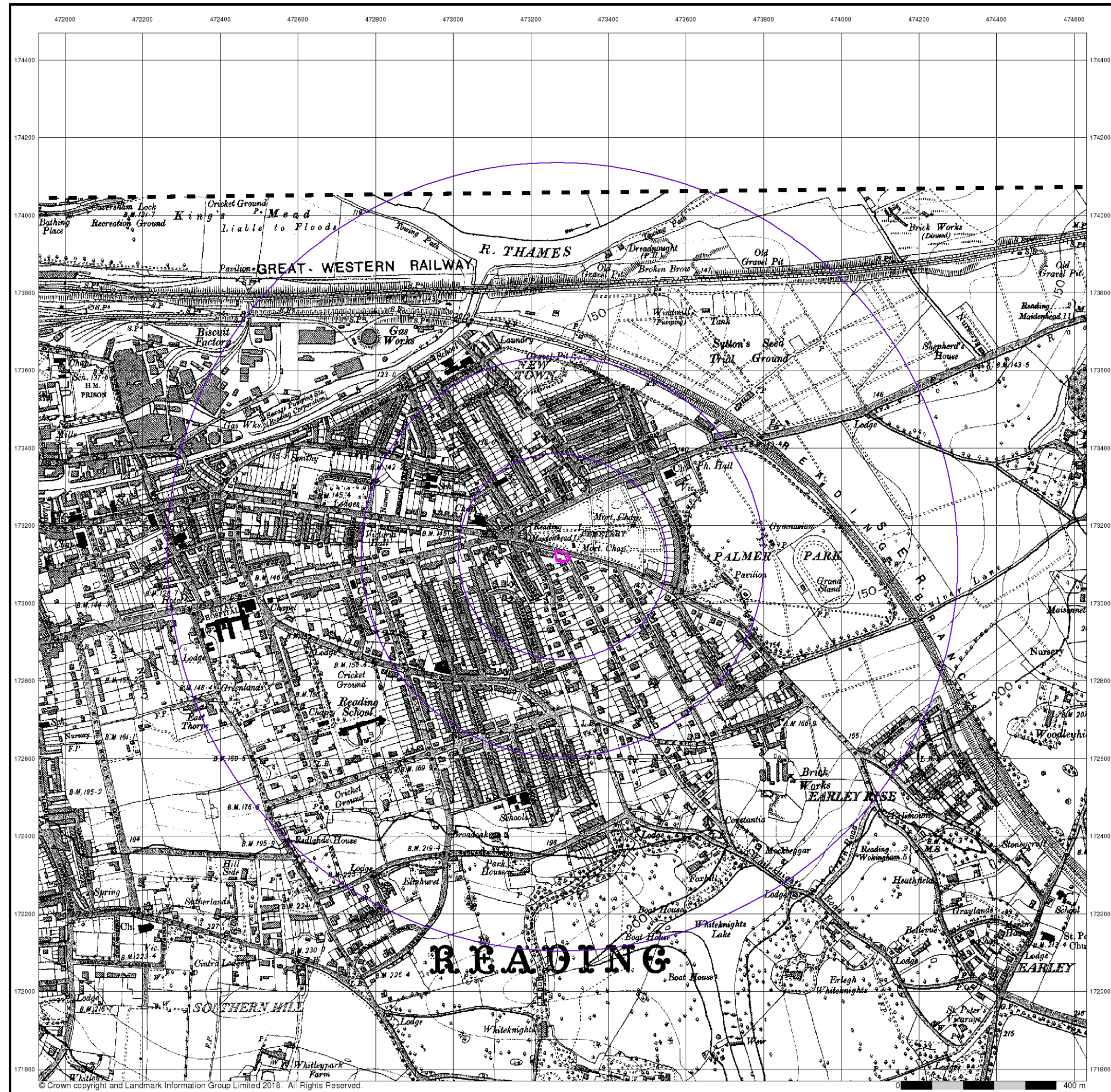


Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
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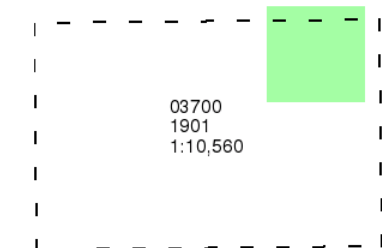
Berkshire

Published 1901

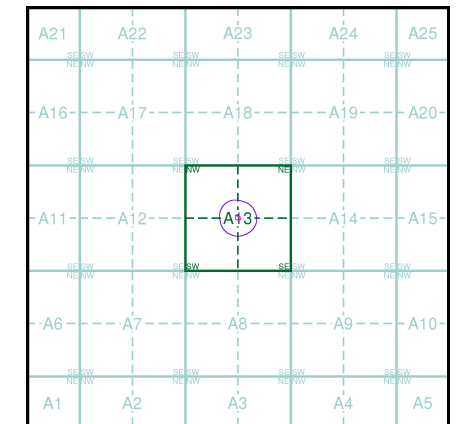
Source map scale - 1:10,560

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

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



## Historical Map - Slice A



## Order Details

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Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

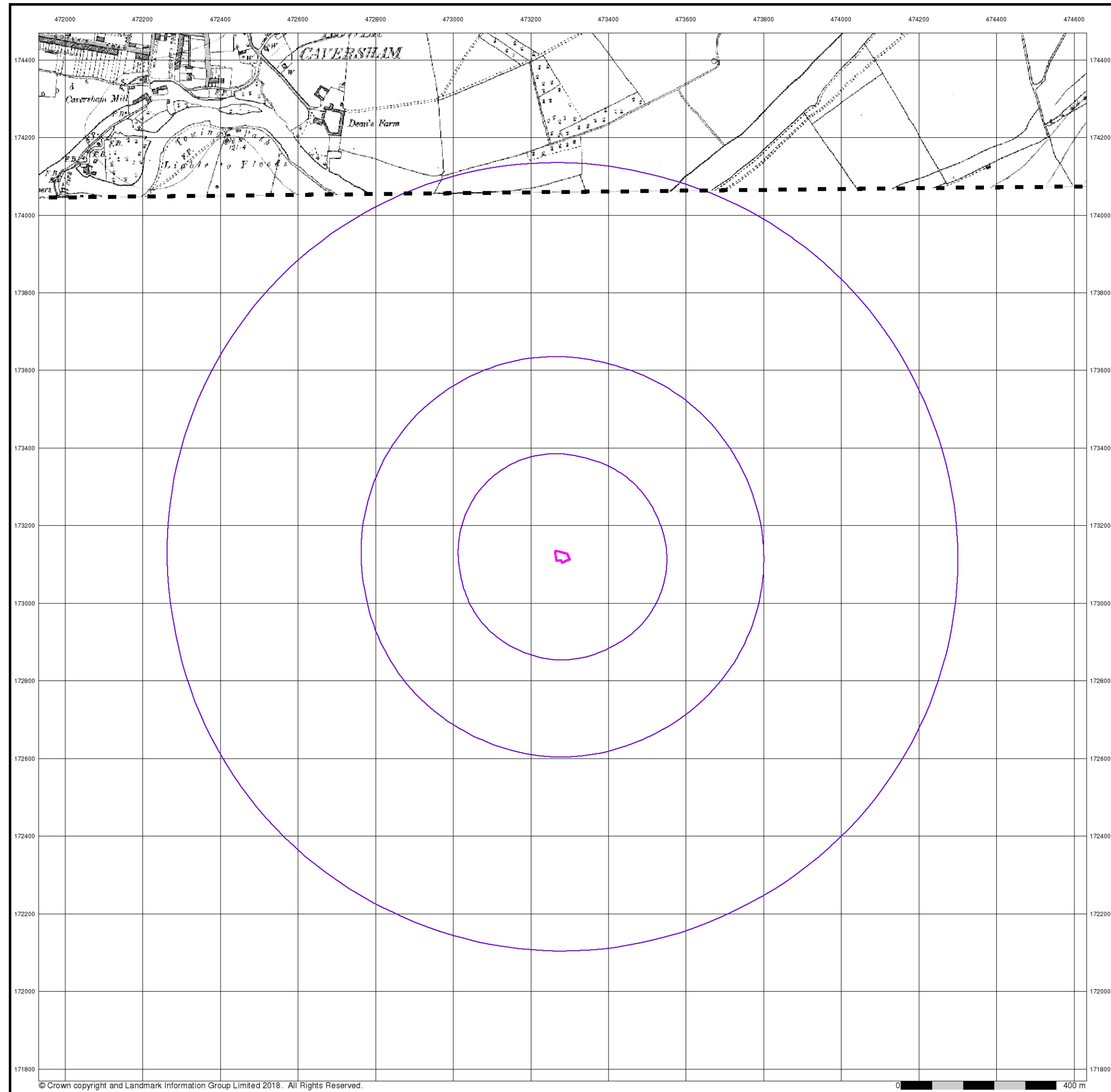
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## Oxfordshire

### Published 1901

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

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

05600  
1901  
1:10,560

#### Historical Map - Slice A

#### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 1000           |

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## Berkshire

### Published 1913 - 1914

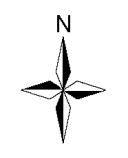
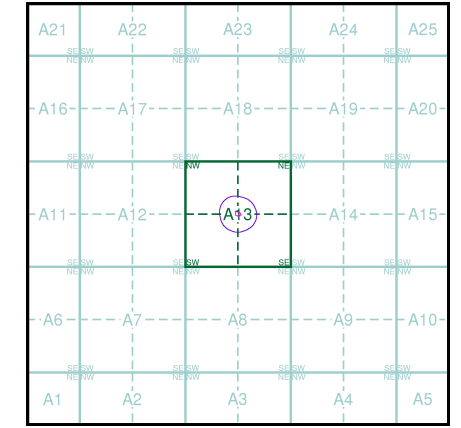
### Source map scale - 1:10,560

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

|          |
|----------|
| 029SE    |
| 1914     |
| 1:10,560 |
| 037NE    |
| 1913     |
| 1:10,560 |

### Historical Map - Slice A

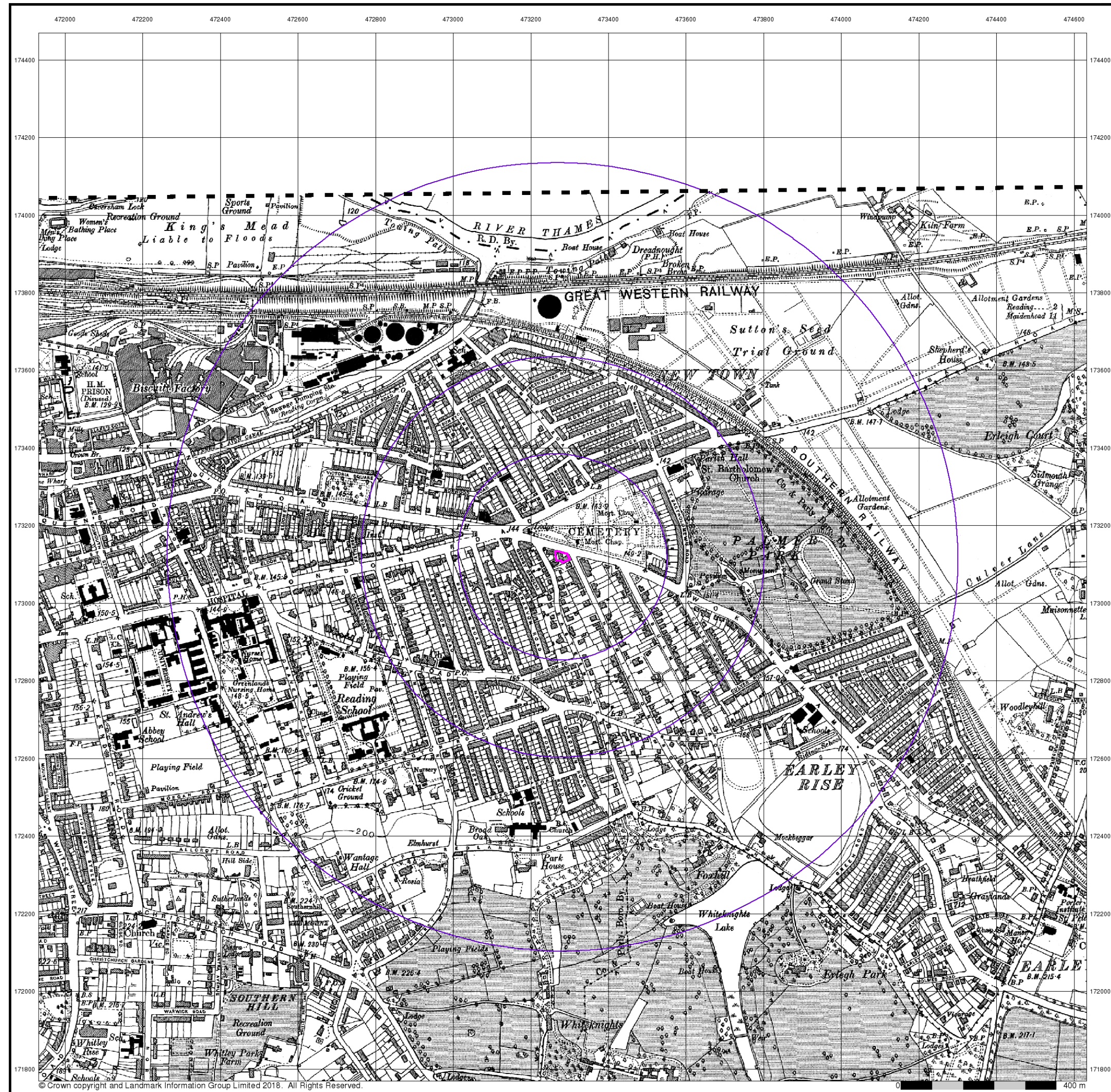


| Order Details            |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 1000           |

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Berkshire

Published 1933

Source map scale - 1:10,560

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Map Name(s) and Date(s)

037NE  
1933  
1:10,560

Historical Map - Slice A

A21A22A23A24A25

A16A17A18A19A20

A11A12A13A14A15

A6A7A8A9A10

A1A2A3A4A5

Order Details

Order Number:

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Customer Ref:

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National Grid Reference:

473280, 173120

Slice:

A

Site Area (Ha):

0.08

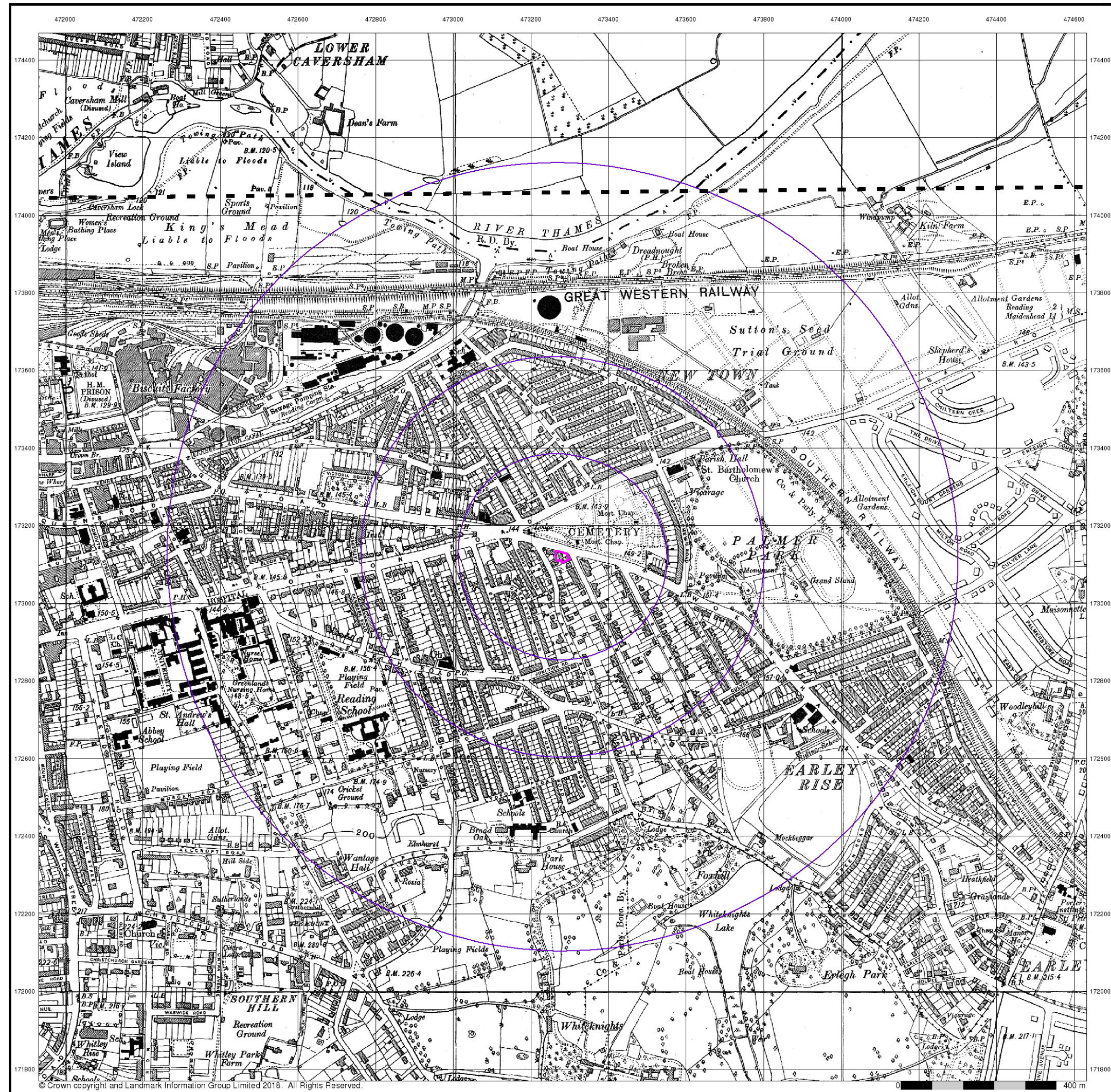
Search Buffer (m):

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Berkshire

Published 1938

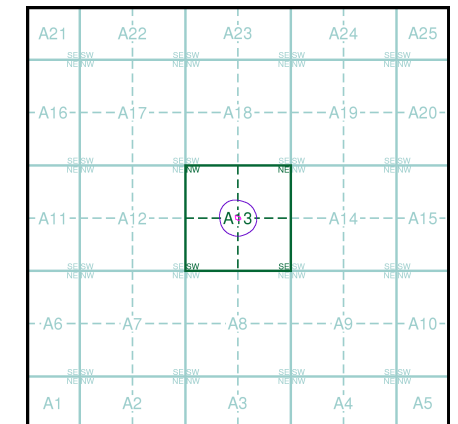
Source map scale - 1:10,560

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

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

|          |
|----------|
| 029SE    |
| 1938     |
| 1:10,560 |
| 037NE    |
| 1938     |
| 1:10,560 |

## Historical Map - Slice A



## Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

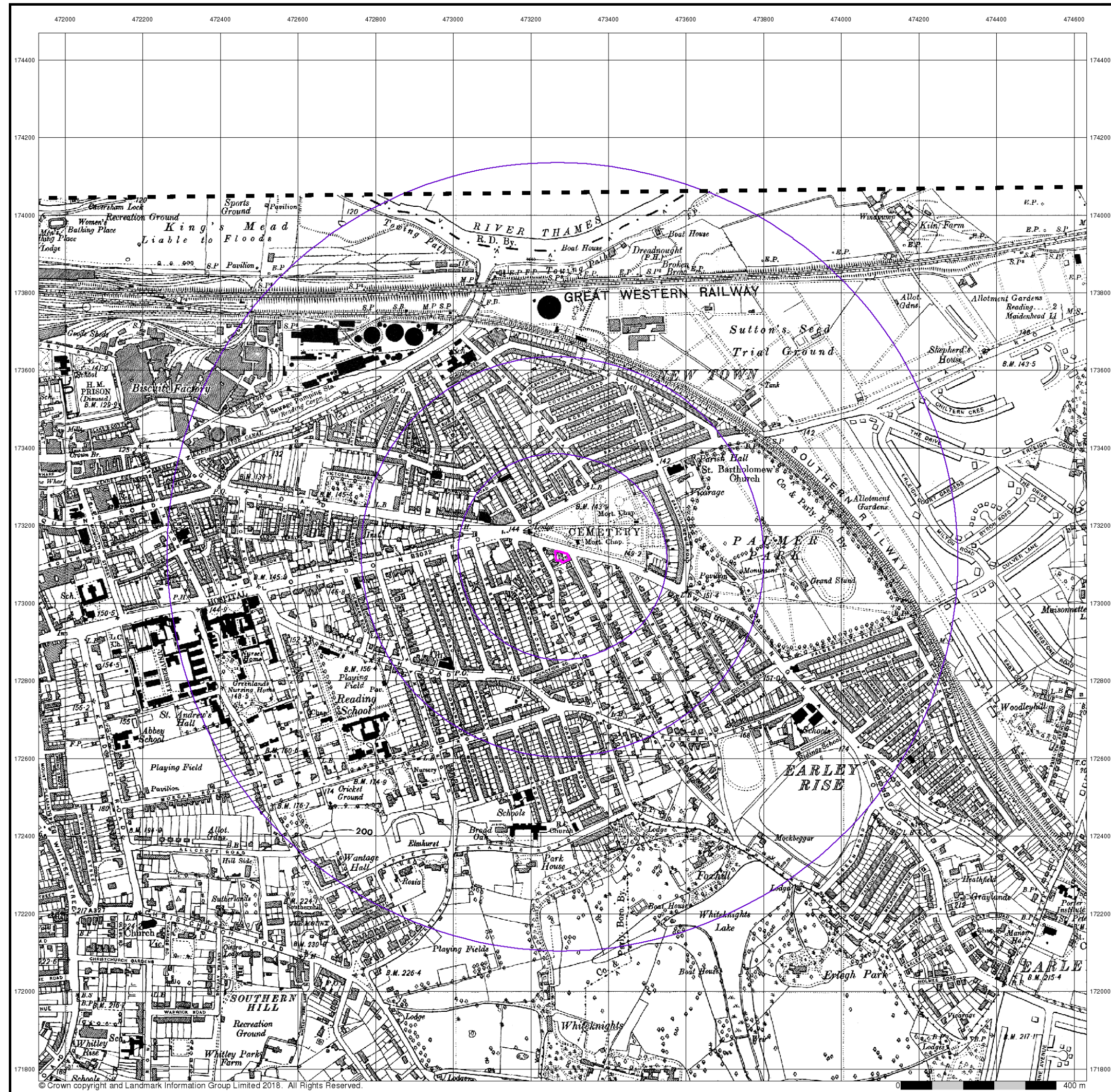
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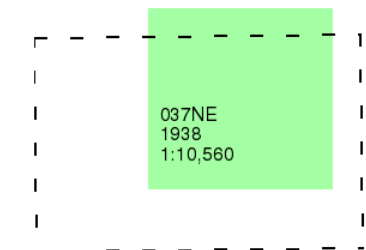
Berkshire

Published 1938

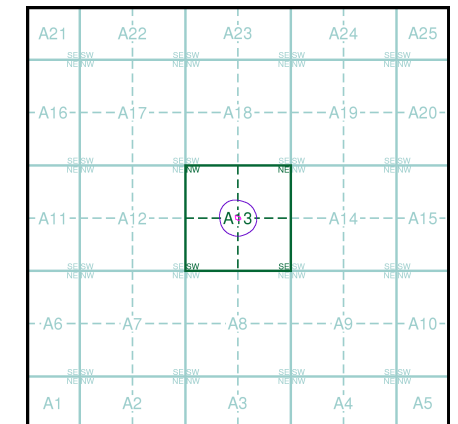
Source map scale - 1:10,560

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



## Historical Map - Slice A



## Order Details

Order Number: 153508705\_1\_1  
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## Historical Aerial Photography

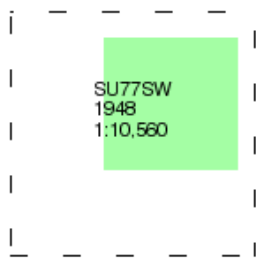
Published 1948

Source map scale - 1:10,560

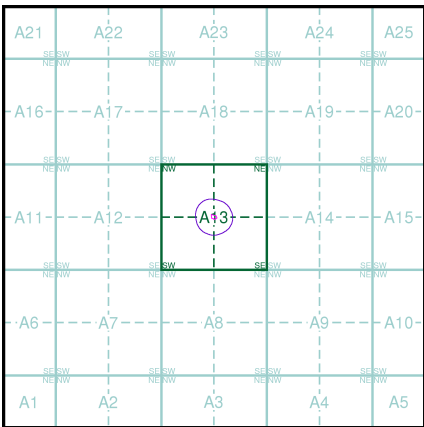
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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)



### Historical Aerial Photography - Slice A



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Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

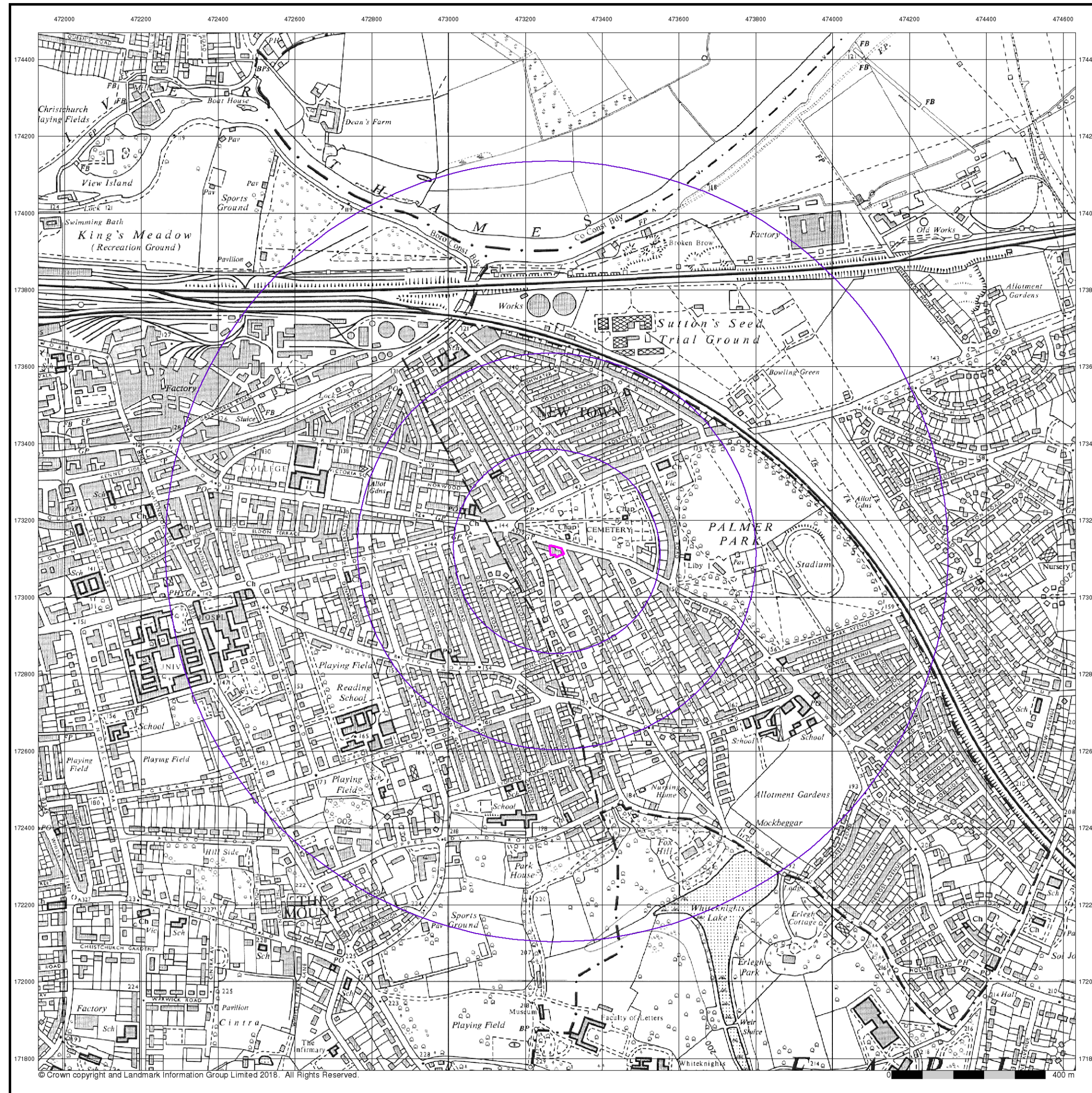
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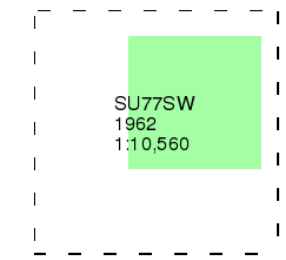
## Ordnance Survey Plan

### Published 1962

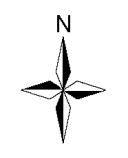
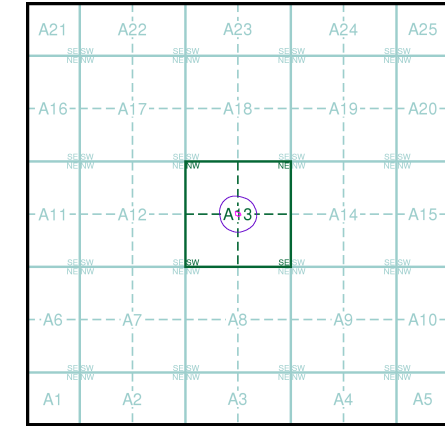
### Source map scale - 1:10,000

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



### Historical Map - Slice A



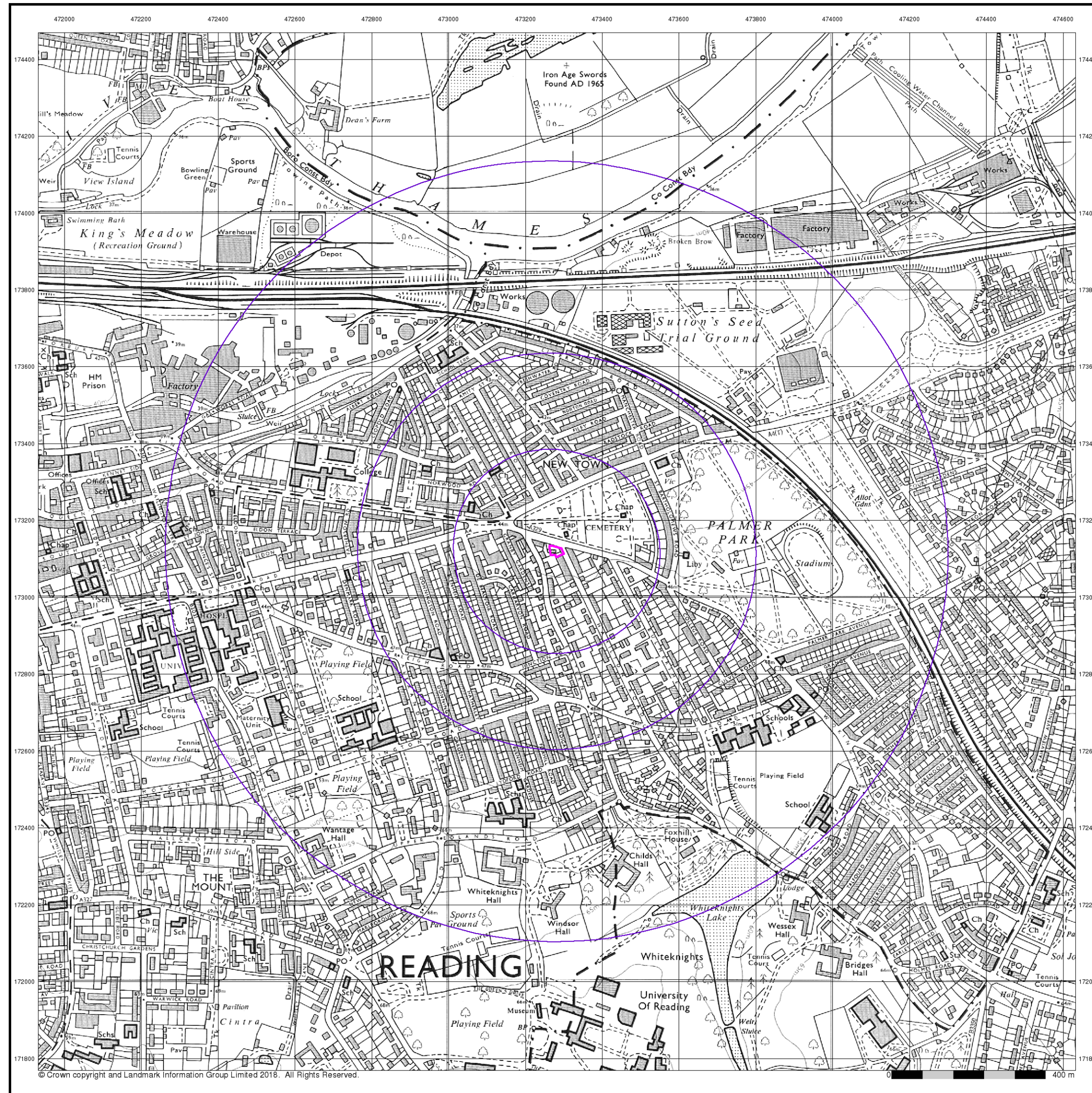
**Order Details**

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
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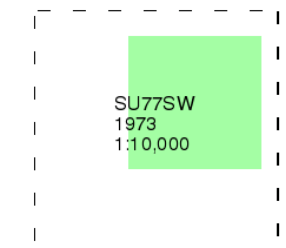
## Ordnance Survey Plan

Published 1973

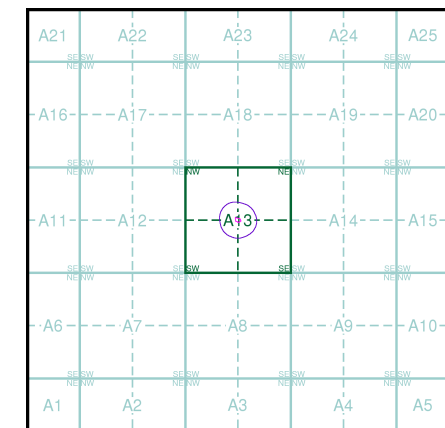
Source map scale - 1:10,000

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## Historical Map - Slice A



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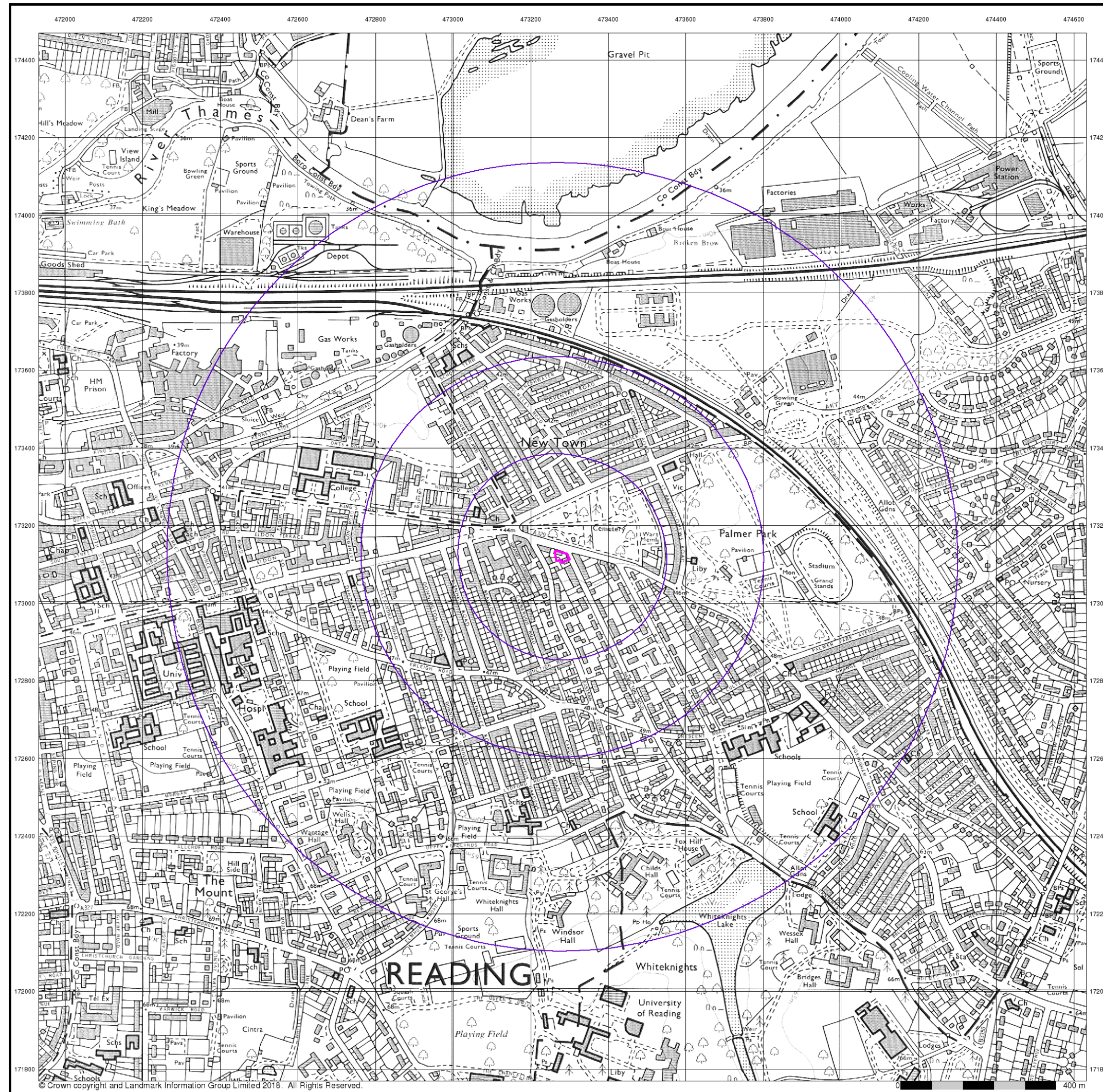
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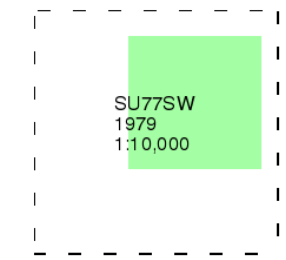
## Ordnance Survey Plan

Published 1979

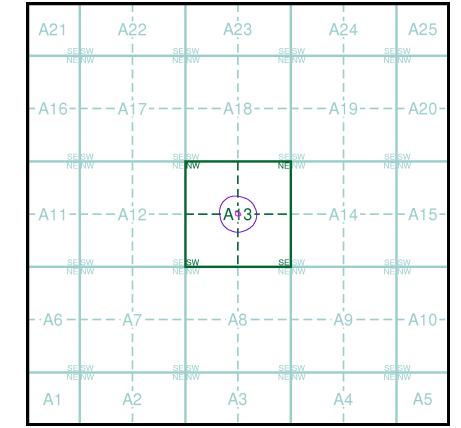
Source map scale - 1:10,000

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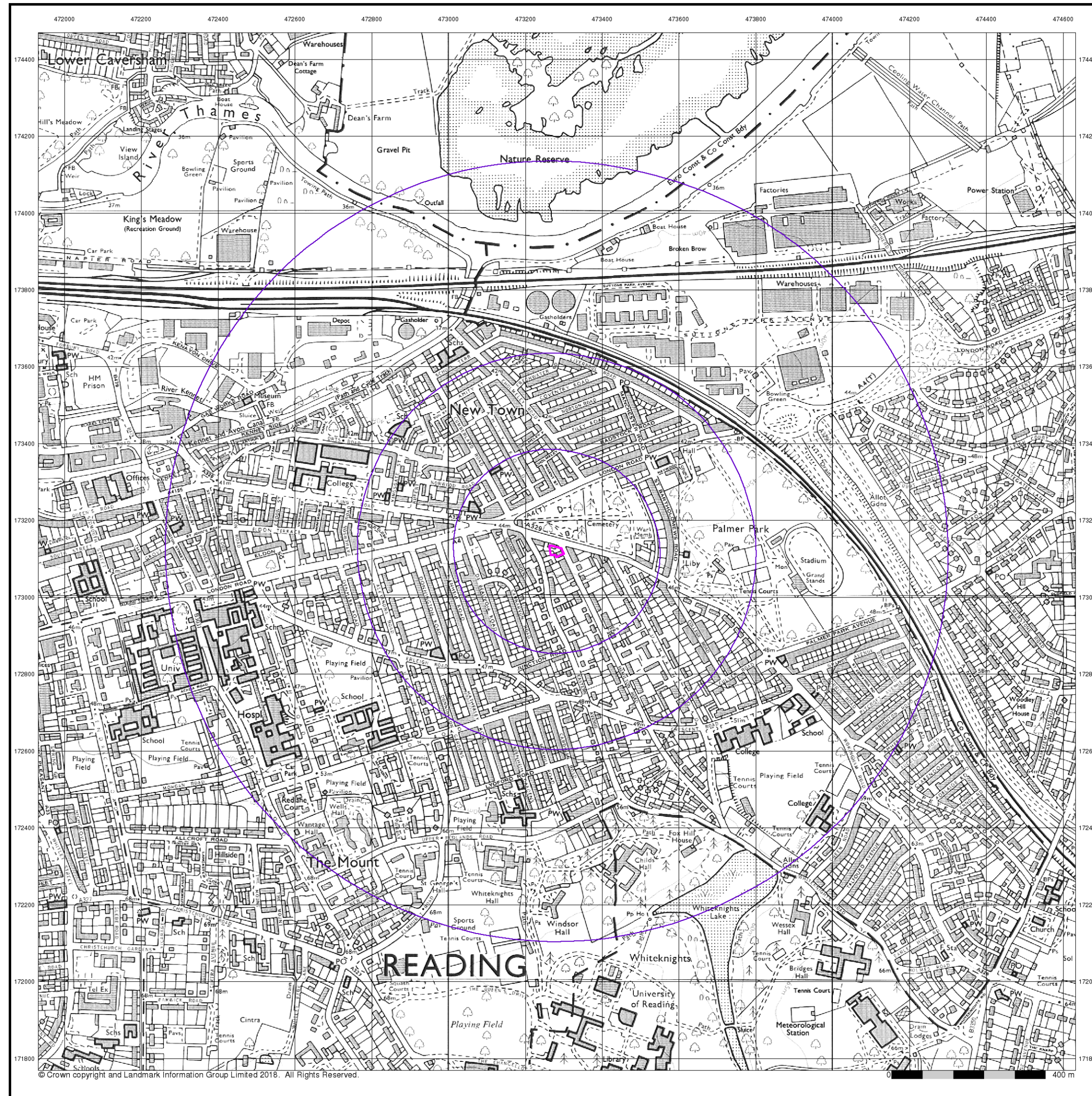
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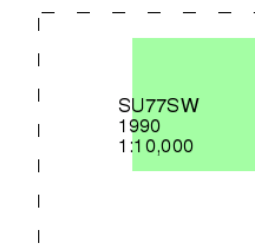
## Ordnance Survey Plan

Published 1990

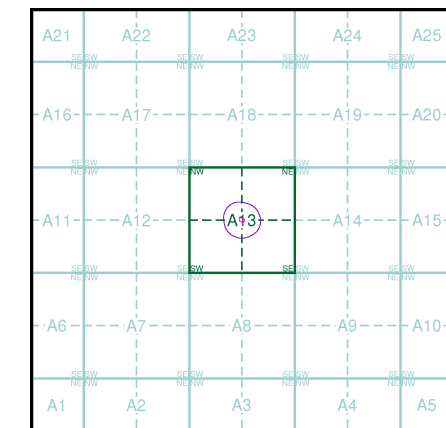
Source map scale - 1:10,000

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

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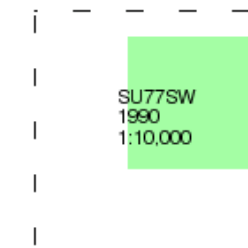
## Reading

Published 1990

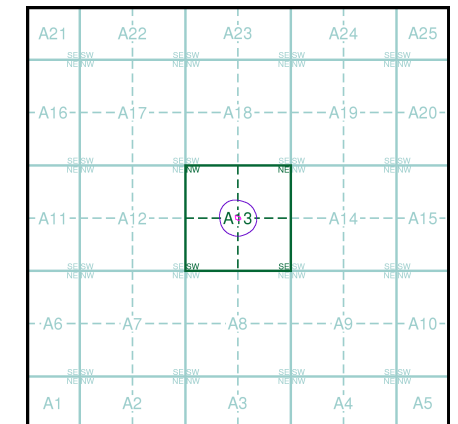
Source map scale - 1:10,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

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



## Russian Map - Slice A



## Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

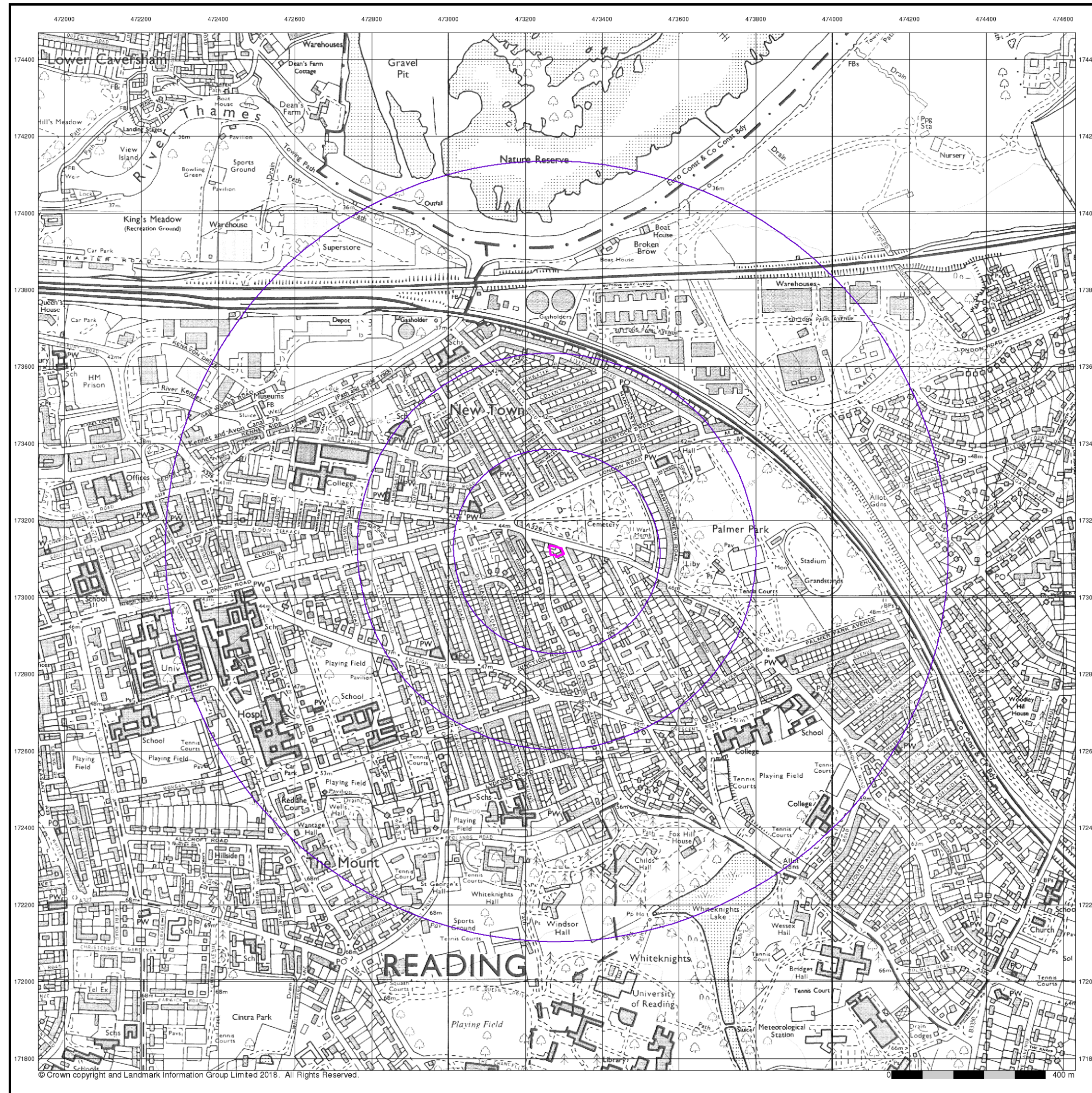
## Site Details

28, Wokingham Road, READING, RG6 1JQ

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## Ordnance Survey Plan

Published 1995

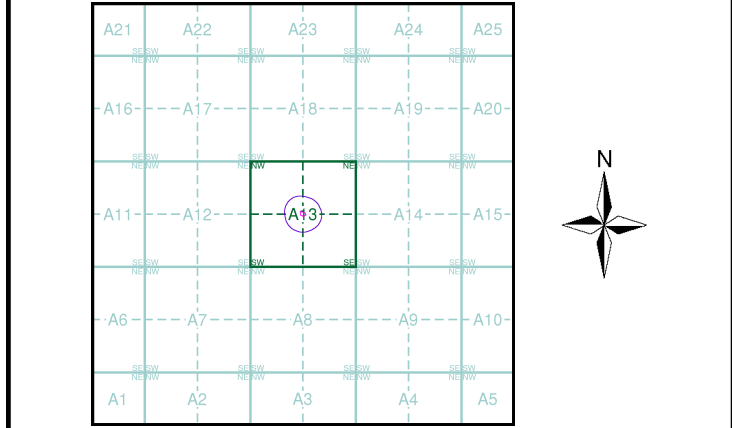
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

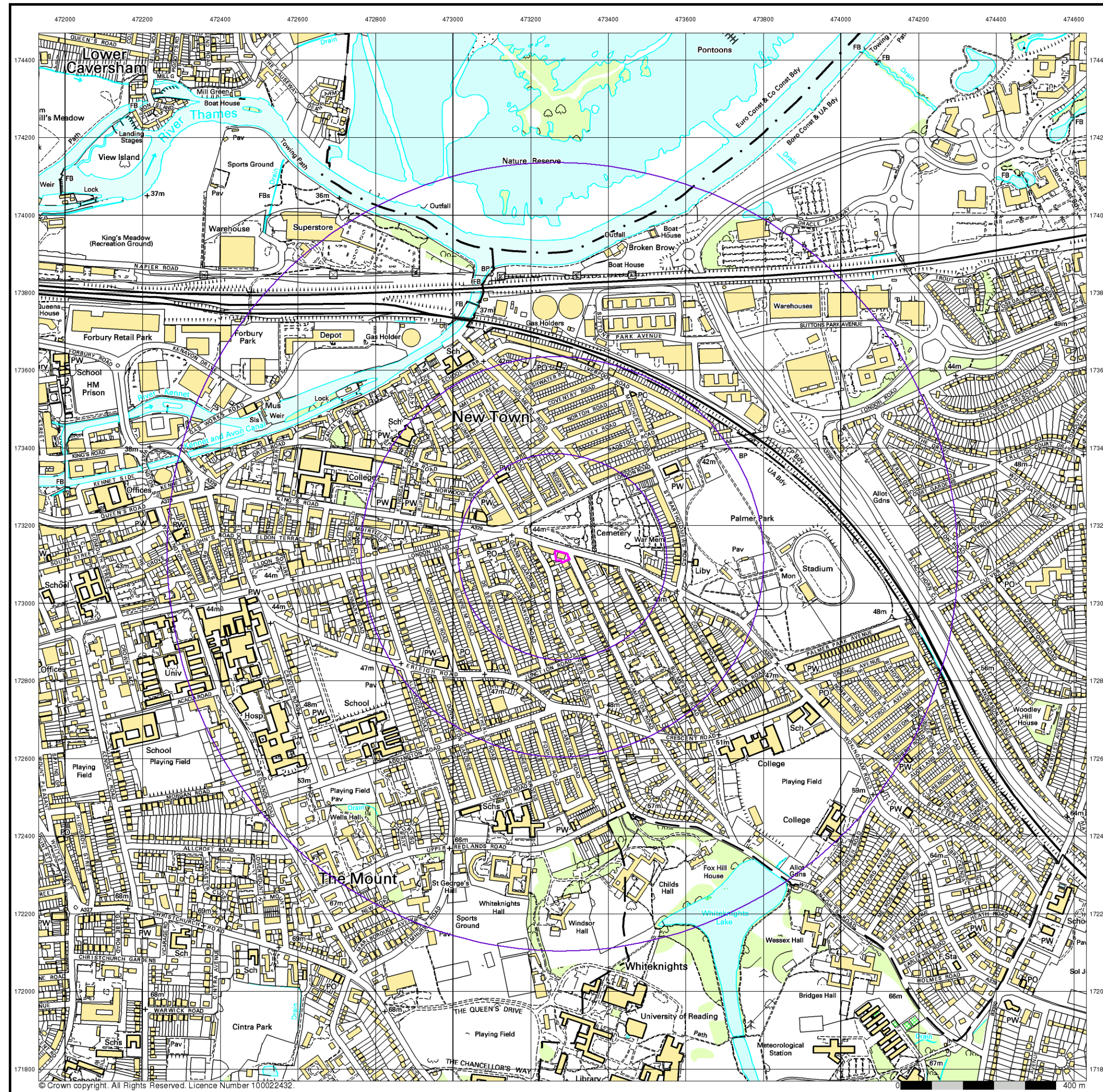
Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

## Site Details

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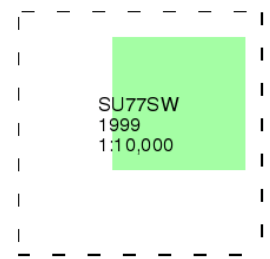
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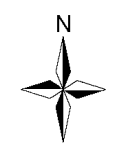
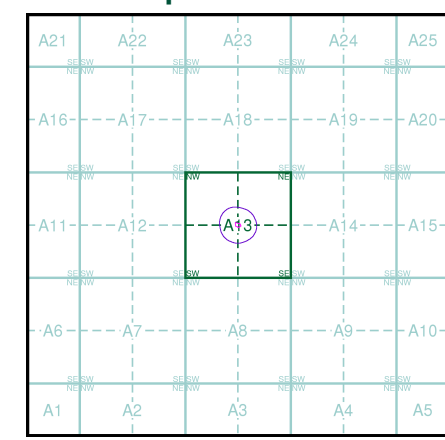
**10k Raster Mapping**  
**Published 1999**  
**Source map scale - 1:10,000**

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

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



## Historical Map - Slice A

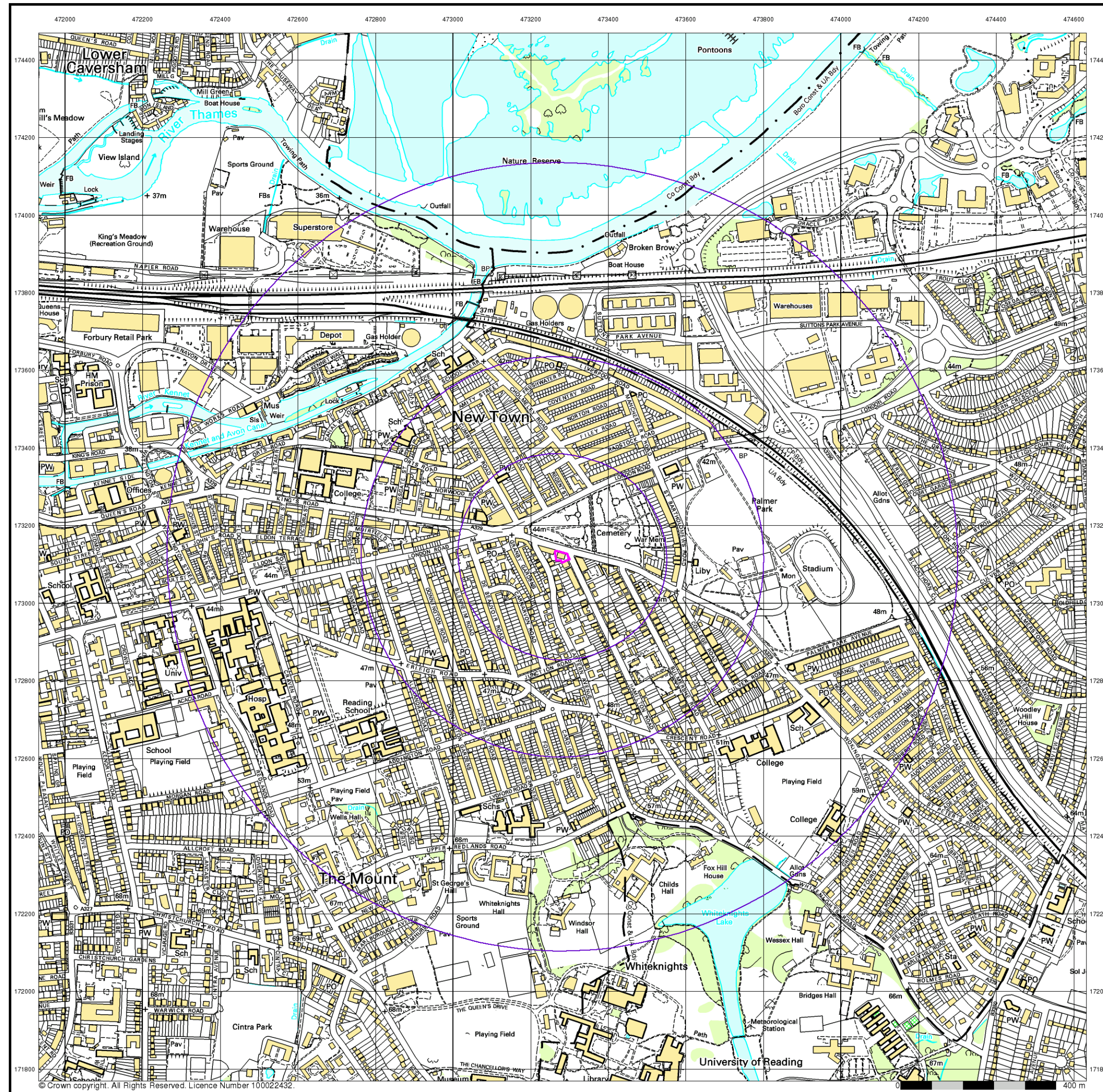


**Order Details**  
Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

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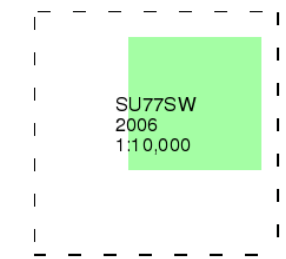
# Envirocheck®

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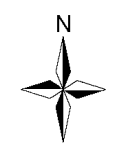
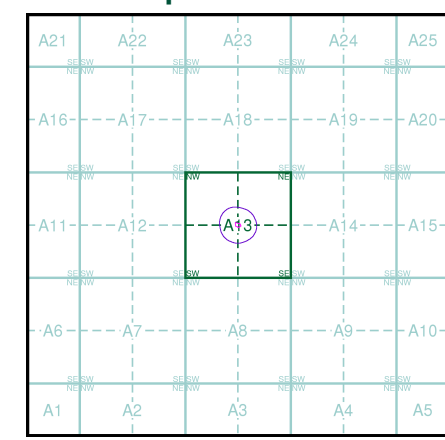
**10k Raster Mapping**  
**Published 2006**  
**Source map scale - 1:10,000**

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)



## Historical Map - Slice A

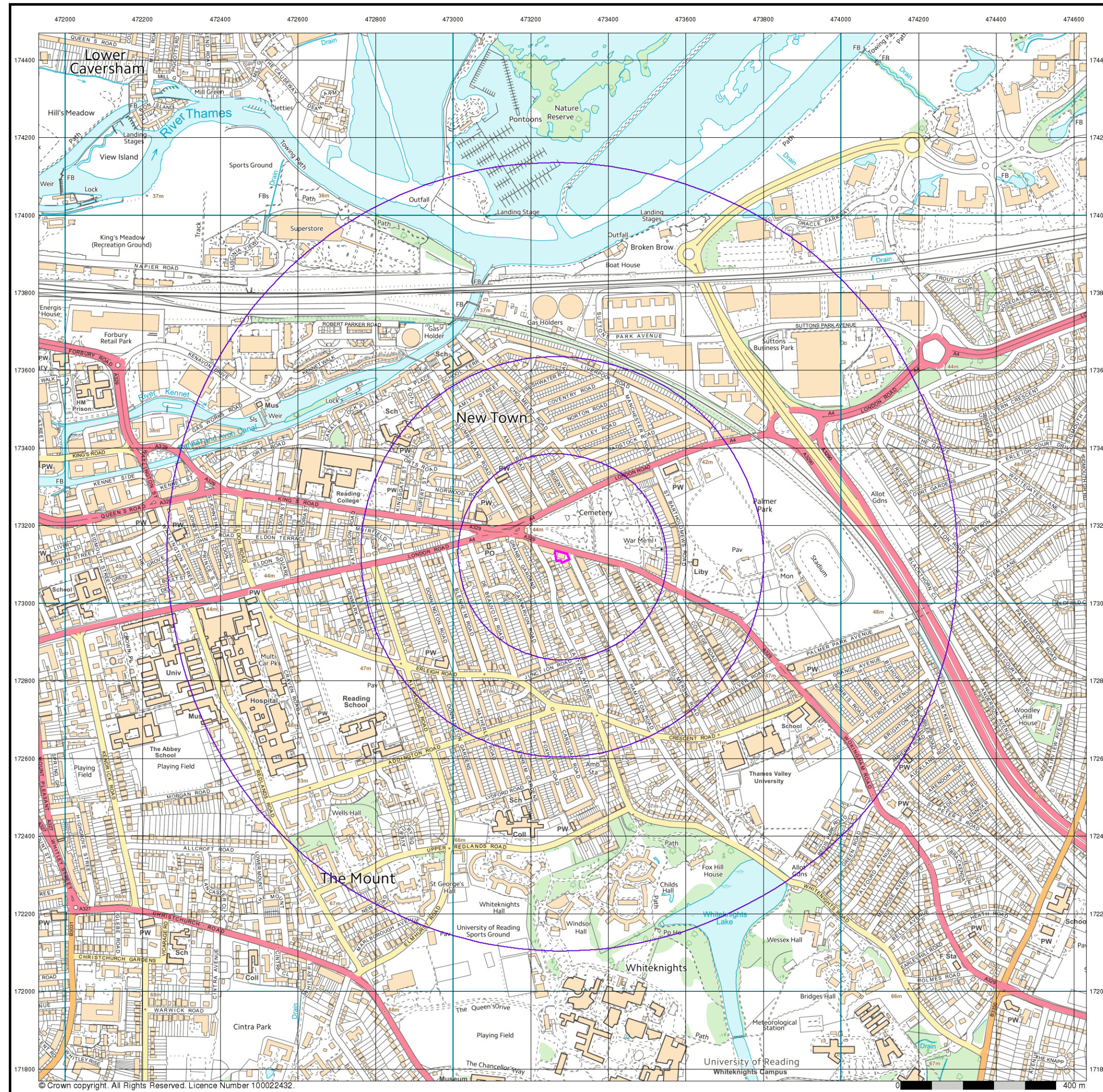


**Order Details**  
Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

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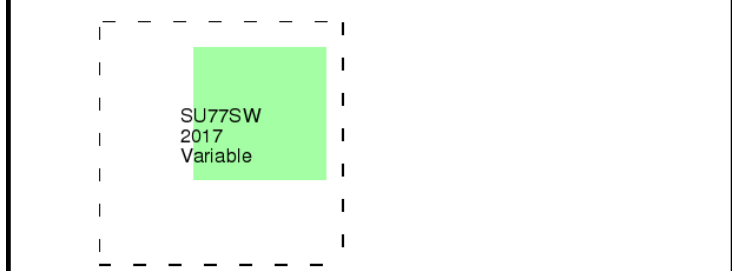
## VectorMap Local

Published 2017

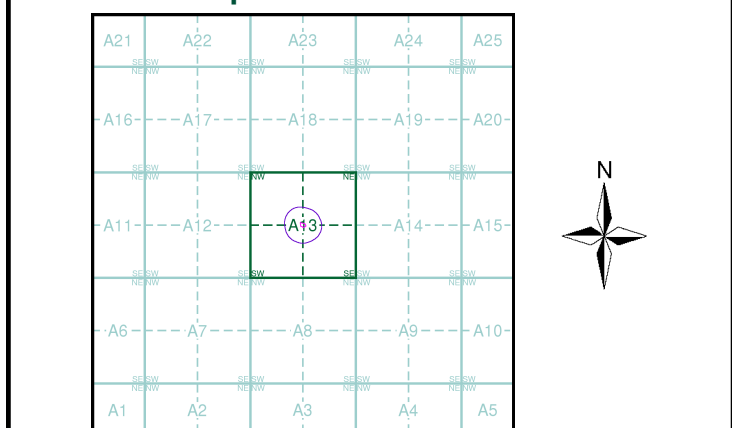
### Source map scale - 1:10,000

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

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



### Historical Map - Slice A



### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 1000           |

### Site Details

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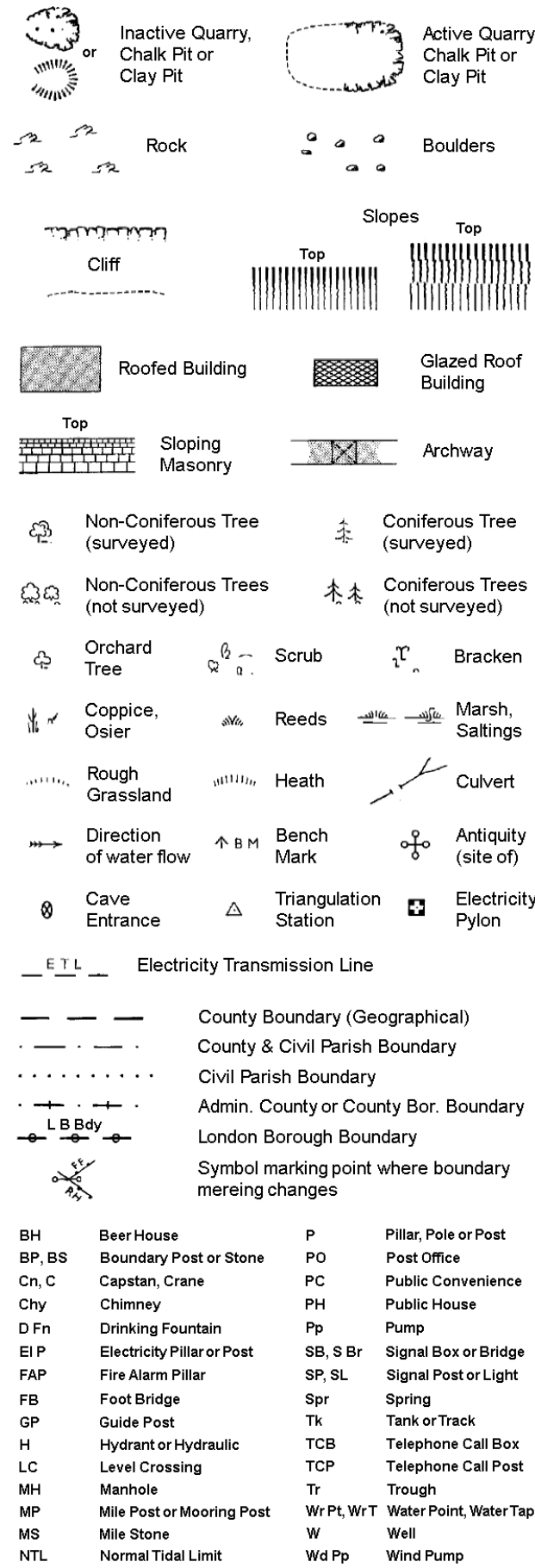


# Historical Mapping Legends

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



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



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



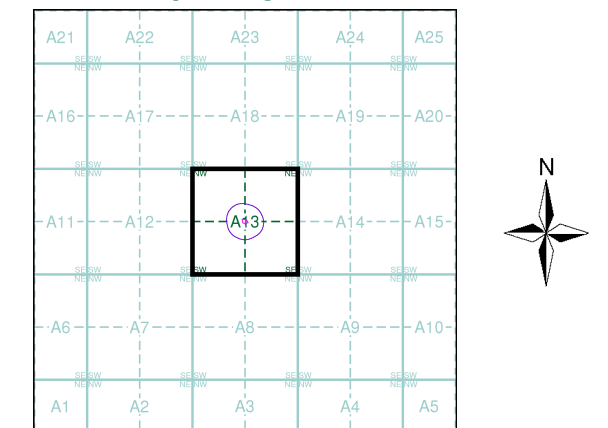
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## Historical Mapping & Photography included:

| Mapping Type                             | Scale   | Date        | Pg |
|------------------------------------------|---------|-------------|----|
| Berkshire                                | 1:2,500 | 1879        | 2  |
| Berkshire                                | 1:2,500 | 1899        | 3  |
| Berkshire                                | 1:2,500 | 1912        | 4  |
| Berkshire                                | 1:2,500 | 1934        | 5  |
| Ordnance Survey Plan                     | 1:1,250 | 1957 - 1958 | 6  |
| Additional SIMs                          | 1:1,250 | 1957 - 1990 | 7  |
| Ordnance Survey Plan                     | 1:2,500 | 1958        | 8  |
| Additional SIMs                          | 1:2,500 | 1959        | 9  |
| Ordnance Survey Plan                     | 1:1,250 | 1966 - 1974 | 10 |
| Supply of Unpublished Survey Information | 1:1,250 | 1974        | 11 |
| Additional SIMs                          | 1:1,250 | 1980        | 12 |
| Additional SIMs                          | 1:1,250 | 1983        | 13 |
| Ordnance Survey Plan                     | 1:1,250 | 1986        | 14 |
| Additional SIMs                          | 1:1,250 | 1986        | 15 |
| Large-Scale National Grid Data           | 1:1,250 | 1993        | 16 |
| Large-Scale National Grid Data           | 1:1,250 | 1996        | 17 |
| Historical Aerial Photography            | 1:2,500 | 1999        | 18 |

## Historical Map - Segment A13



## Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 100

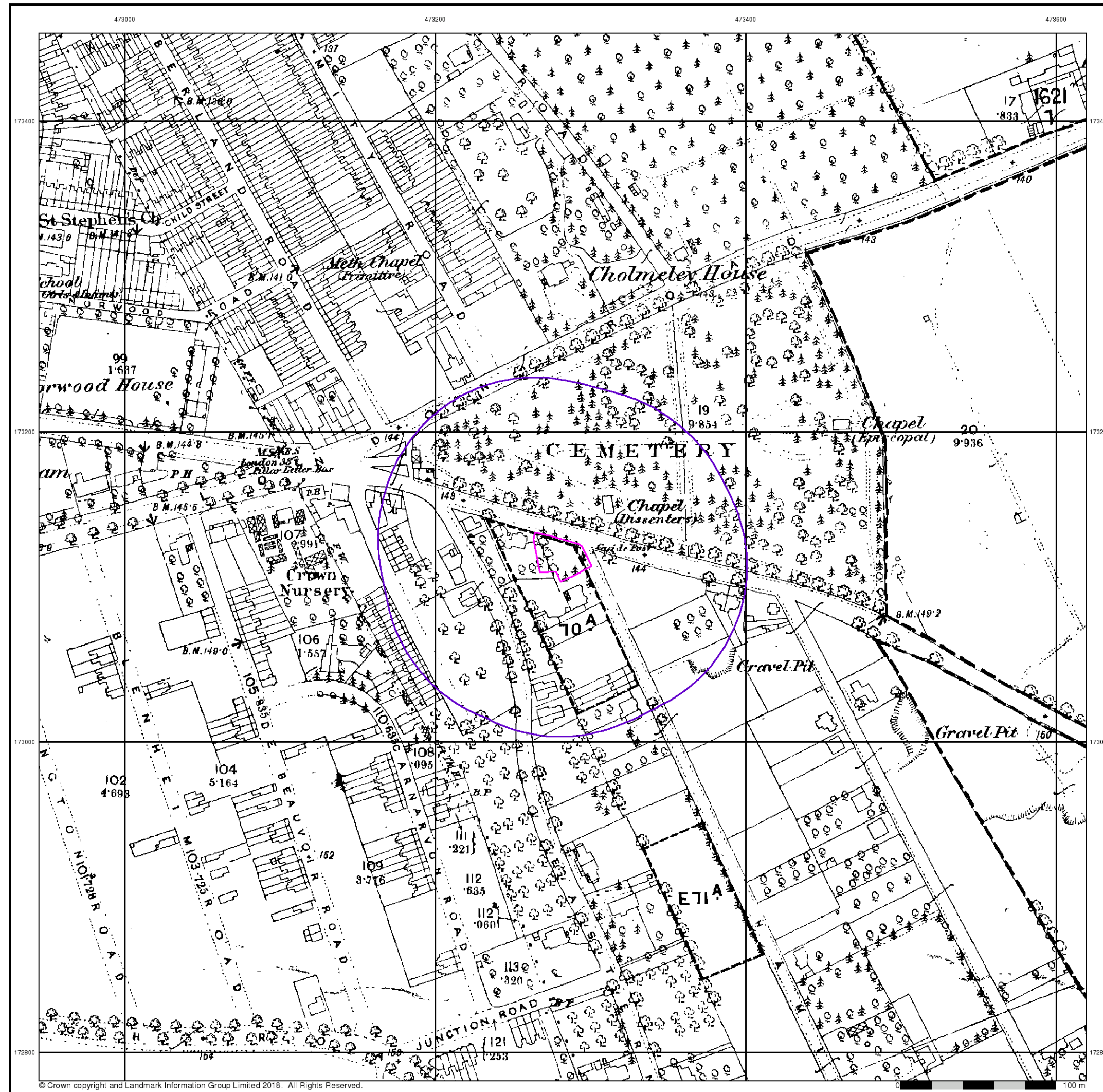
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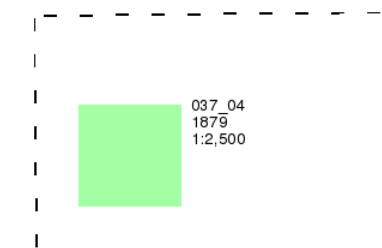
**Berkshire**

**Published 1879**

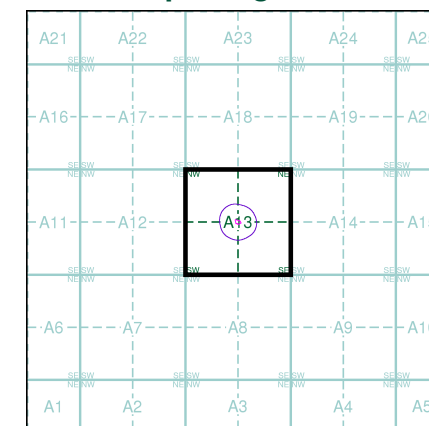
**Source map scale - 1:2,500**

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: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 100

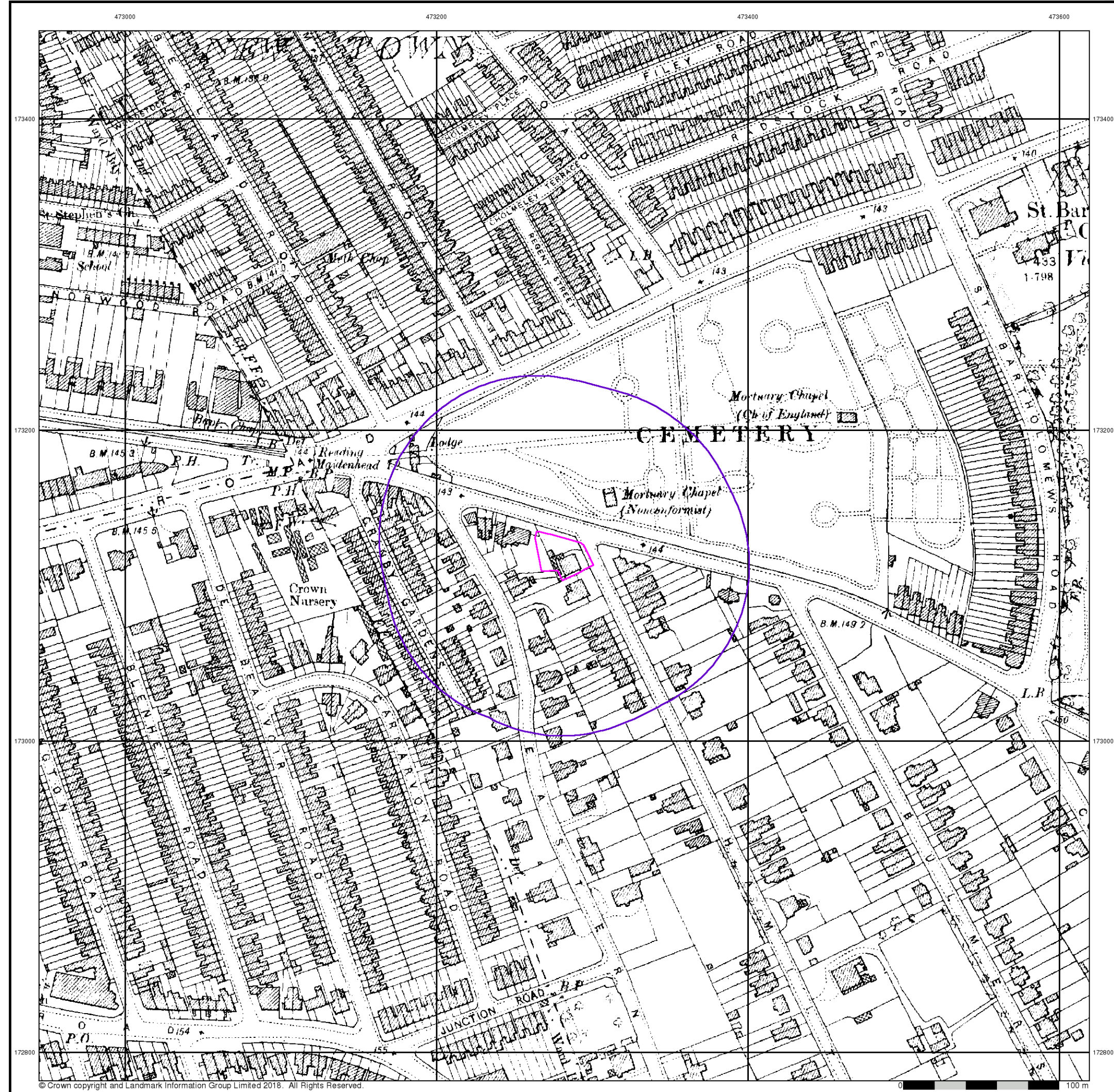
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## Berkshire

### Published 1899

### 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)

037\_04  
1899  
1:2,500

#### Historical Map - Segment A13

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| A21 | A22 | A23 | A24 | A25 |
| A16 | A17 | A18 | A19 | A20 |
| A11 | A12 | A13 | A14 | A15 |
| A6  | A7  | A8  | A9  | A10 |
| A1  | A2  | A3  | A4  | A5  |

N

#### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 100            |

#### Site Details

28, Wokingham Road, READING, RG6 1JQ

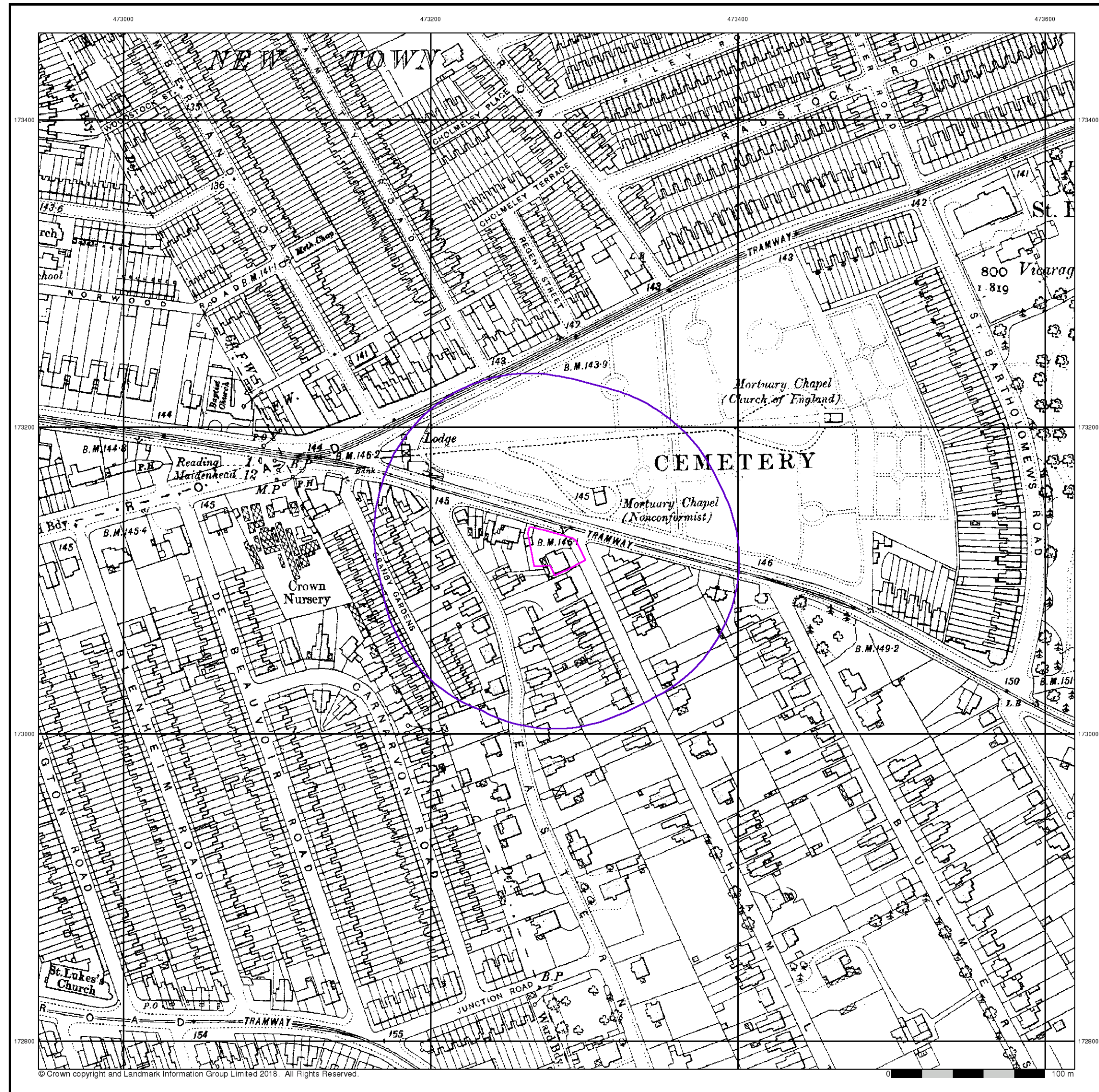
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## Berkshire

### Published 1912

### 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)

037\_04  
1912  
1:2,500

### Historical Map - Segment A13

A21A22A23A24A25  
A16A17A18A19A20  
A11A12A13A14A15  
A6A7A8A9A10  
A1A2A3A4A5

N

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 100            |

### Site Details

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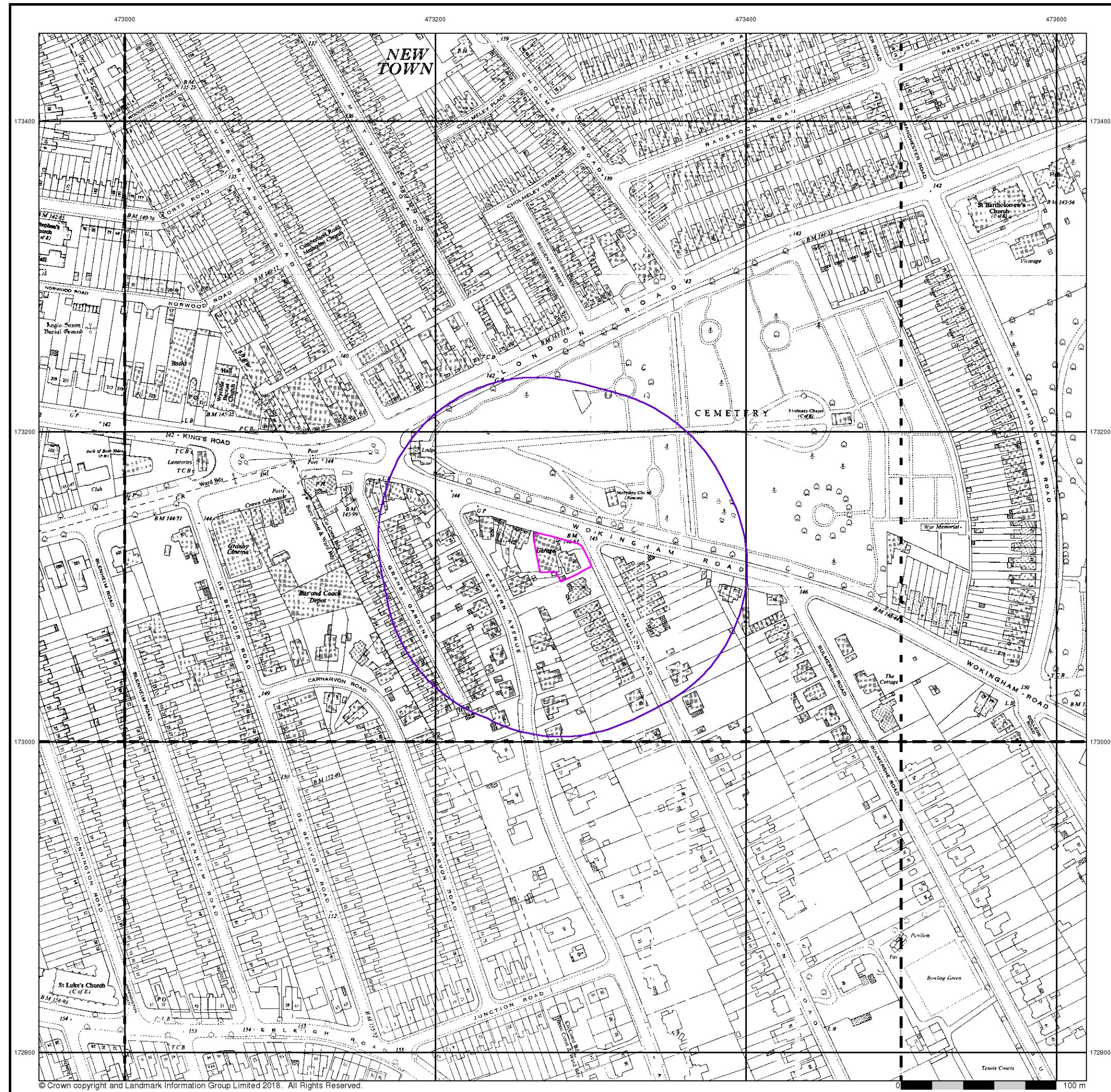
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## Ordnance Survey Plan

**Published 1957 - 1958**

**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)

|                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|
| SU7273SE<br>1957<br>1:1,250 | SU7373SW<br>1957<br>1:1,250 | SU7373SE<br>1957<br>1:1,250 |
| SU7272NE<br>1958<br>1:1,250 | SU7372NW<br>1958<br>1:1,250 | SU7372NE<br>1958<br>1:1,250 |

### Historical Map - Segment A13

### Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 100

### Site Details

28, Wokingham Road, READING, RG6 1JQ

## Landmark<sup>®</sup>

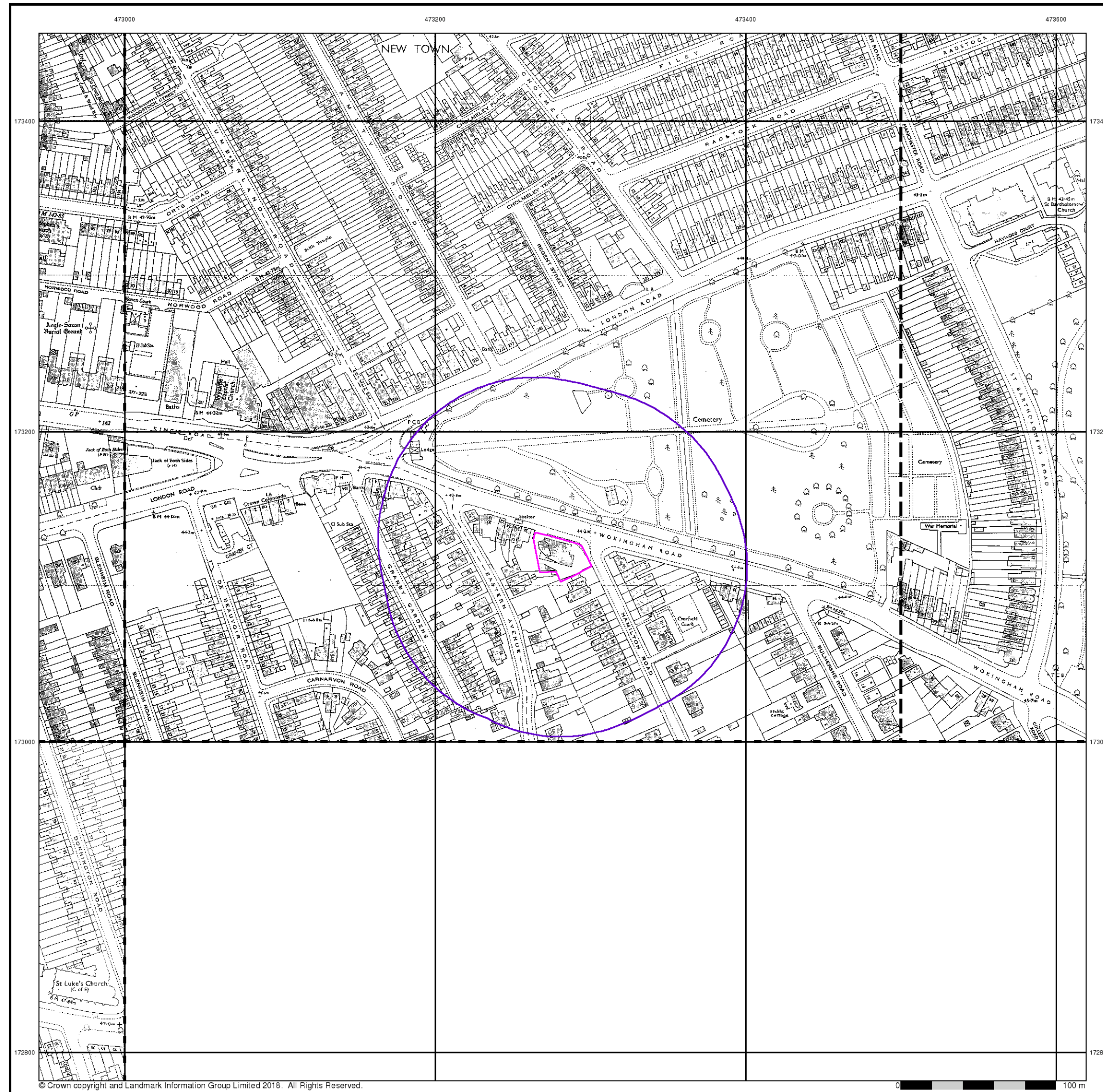
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## Additional SIMs

Published 1957 - 1990

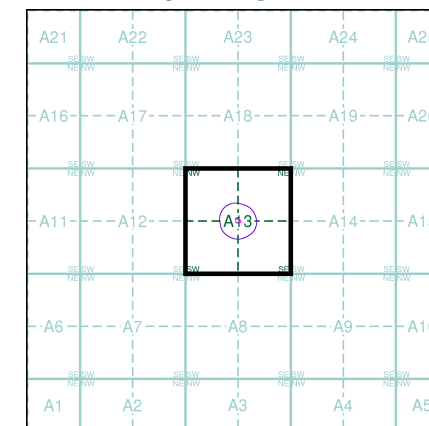
Source map scale - 1:1,250

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)

|          |          |          |
|----------|----------|----------|
| SU7273SE | SU7373SW | SU7373SE |
| 1957     | 1989     | 1990     |
| 1:1,250  | 1:1,250  | 1:1,250  |
| SU7272NE |          |          |
| 1978     |          |          |
| 1:1,250  |          |          |

## Historical Map - Segment A13



## Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 100

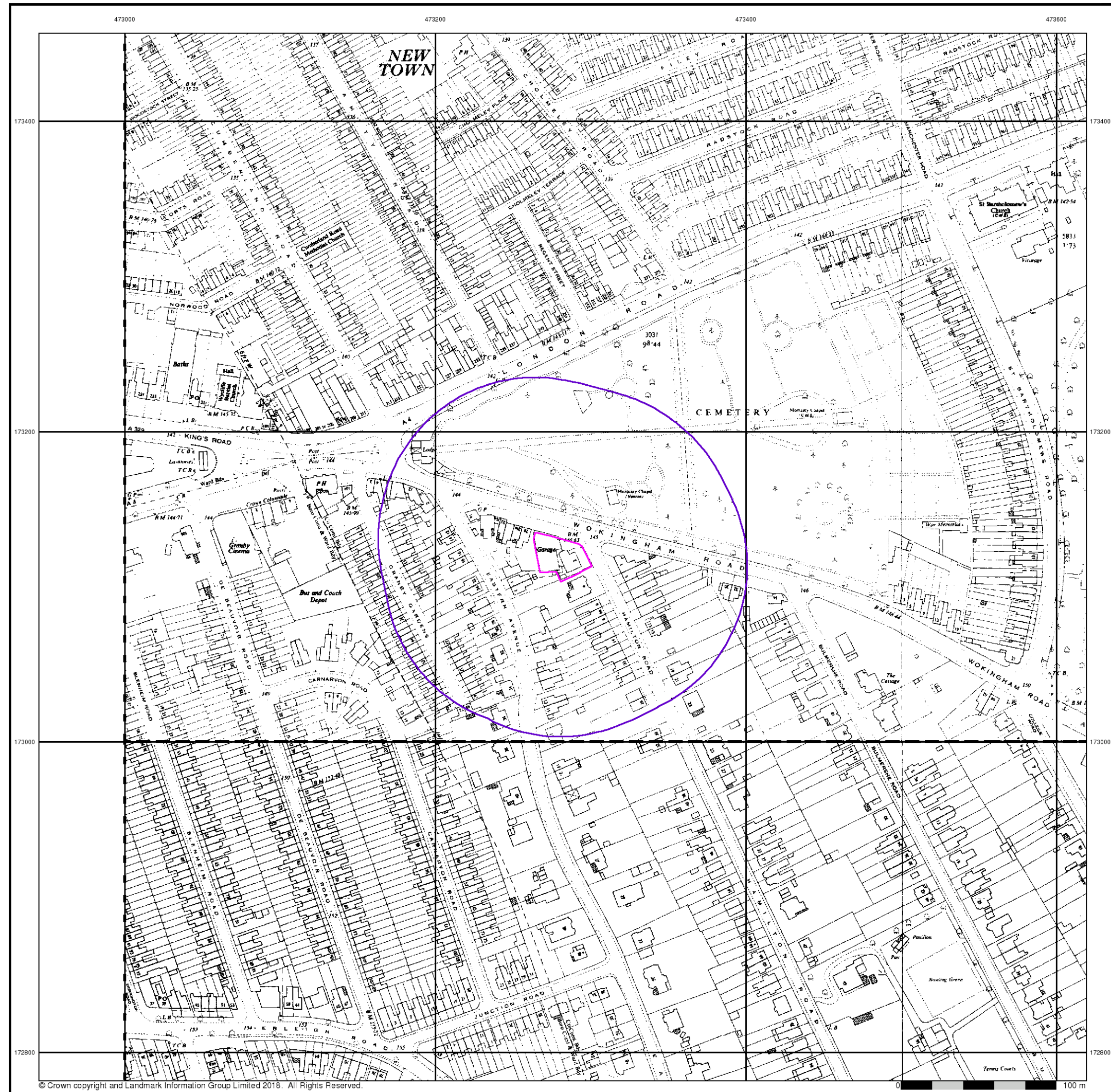
## Site Details

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## Ordnance Survey Plan

**Published 1958**

**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)

SU7373  
1958  
1:2,500

SU7372  
1958  
1:2,500

### Historical Map - Segment A13

A21A22A23A24A25

A16A17A18A19A20

A11A12A13A14A15

A6A7A8A9A10

A1A2A3A4A5

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 100            |

### Site Details

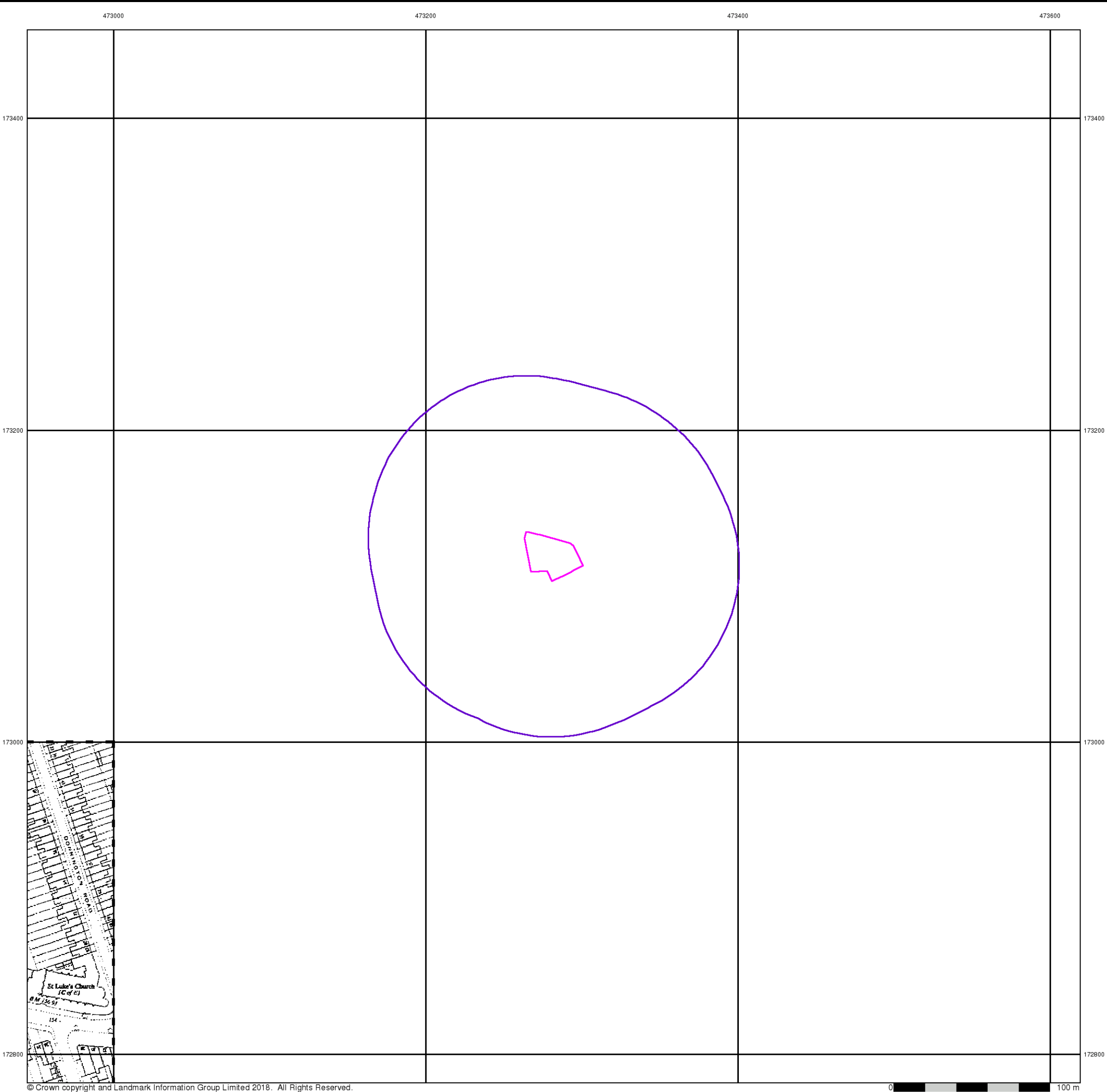
28, Wokingham Road, READING, RG6 1JQ

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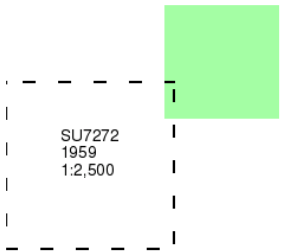
Additional SIMs

Published 1959

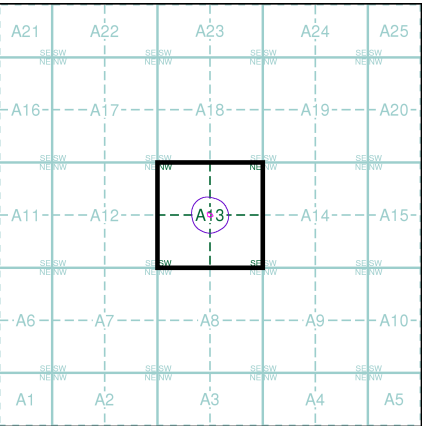
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



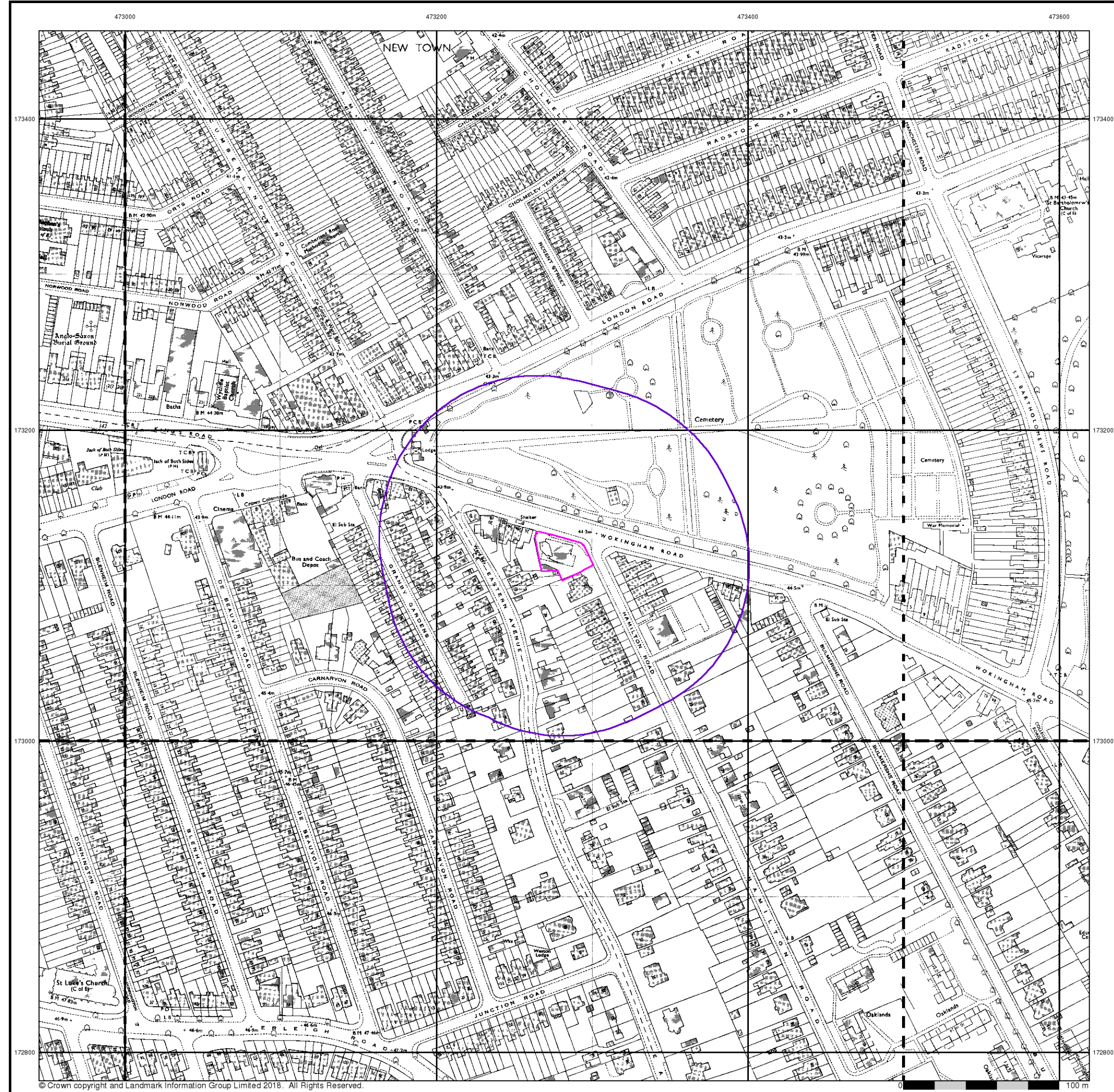
Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 100

Site Details

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## Ordnance Survey Plan

**Published 1966 - 1974**

**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)

|                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|
| SU7273SE<br>1966<br>1:1,250 | SU7373SW<br>1974<br>1:1,250 | SU7373SE<br>1974<br>1:1,250 |
| SU7272NE<br>1972<br>1:1,250 | SU7372NW<br>1973<br>1:1,250 | SU7372NE<br>1971<br>1:1,250 |

### Historical Map - Segment A13

N

### Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 100

### Site Details

28, Wokingham Road, READING, RG6 1JQ

## Landmark®

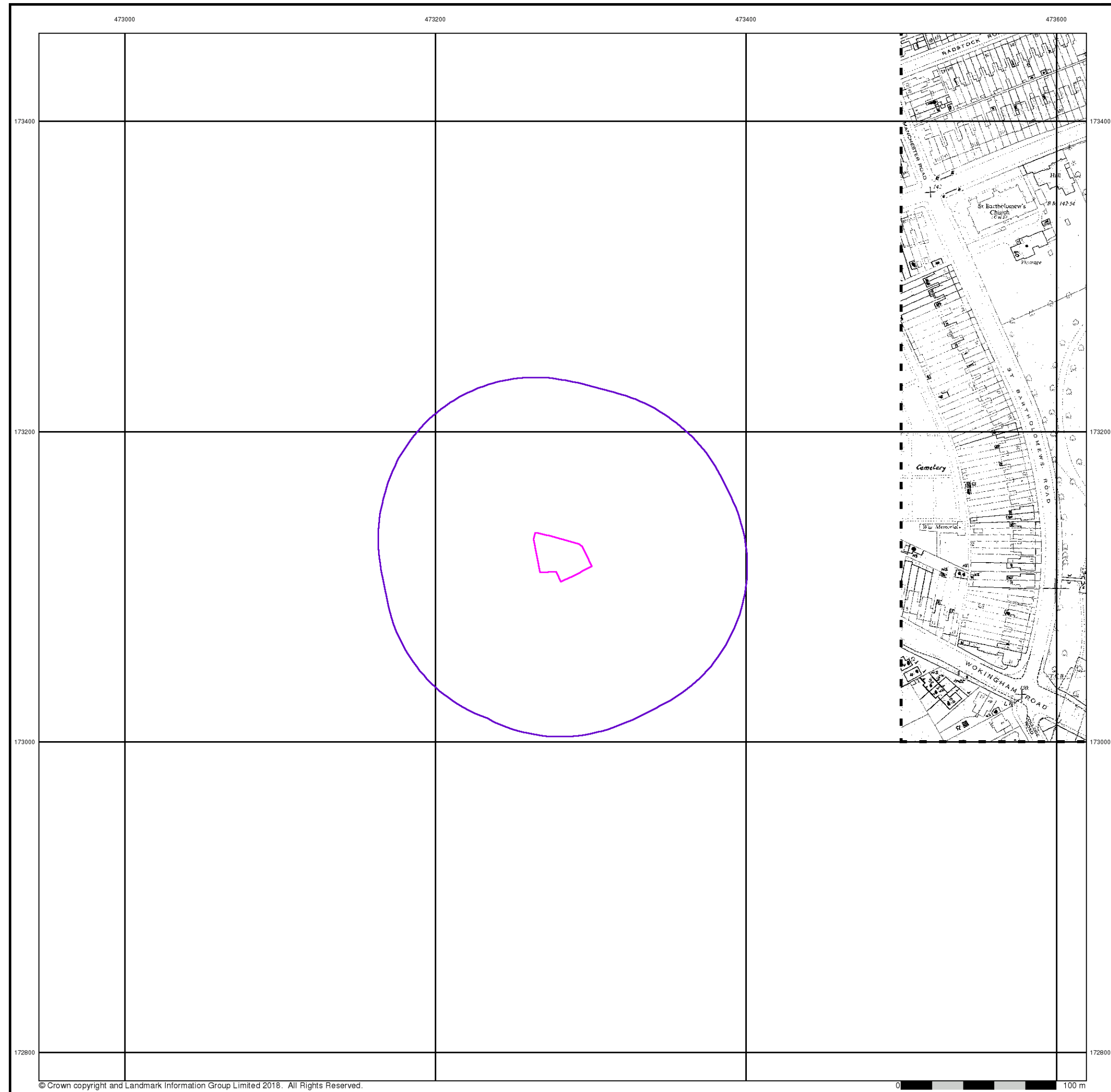
INFORMATION GROUP

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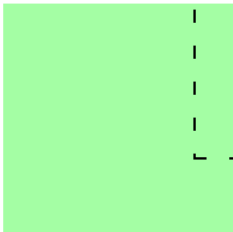
## Supply of Unpublished Survey Information

### Published 1974

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

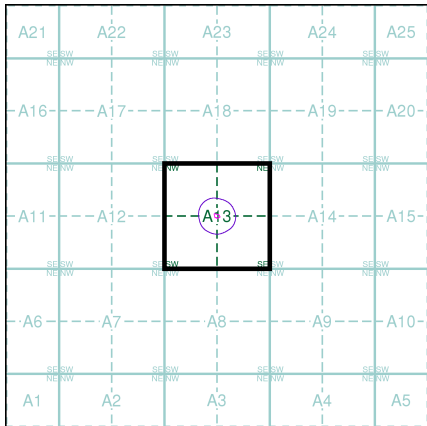
SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment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

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



SU7373SE  
1974  
1:1,250

#### Historical Map - Segment A13



#### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 100            |

#### Site Details

28, Wokingham Road, READING, RG6 1JQ

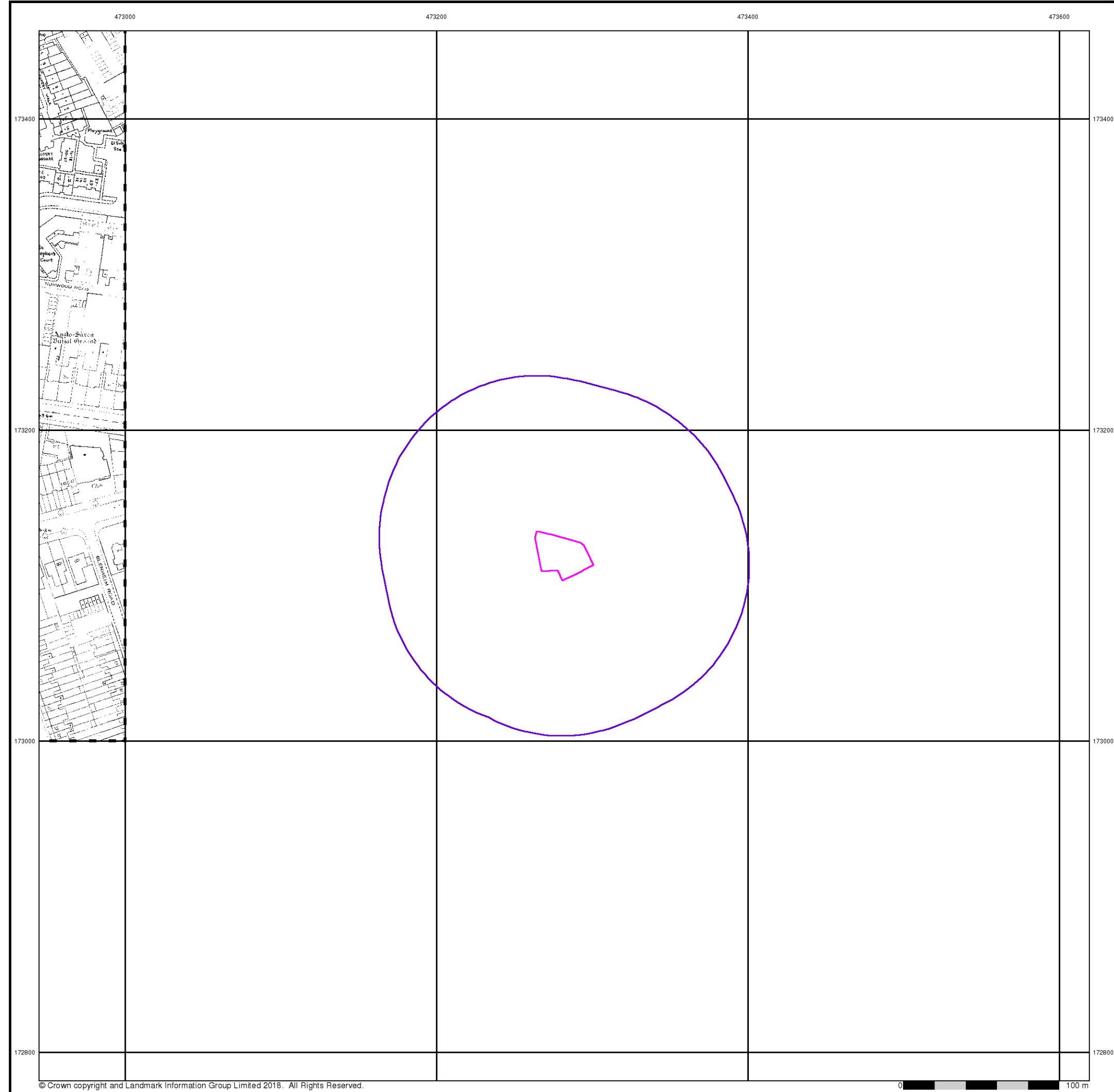
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## Additional SIMs

### Published 1980

### 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)

SU7273SE  
1980  
1:1,250

### Historical Map - Segment A13

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 100            |

### Site Details

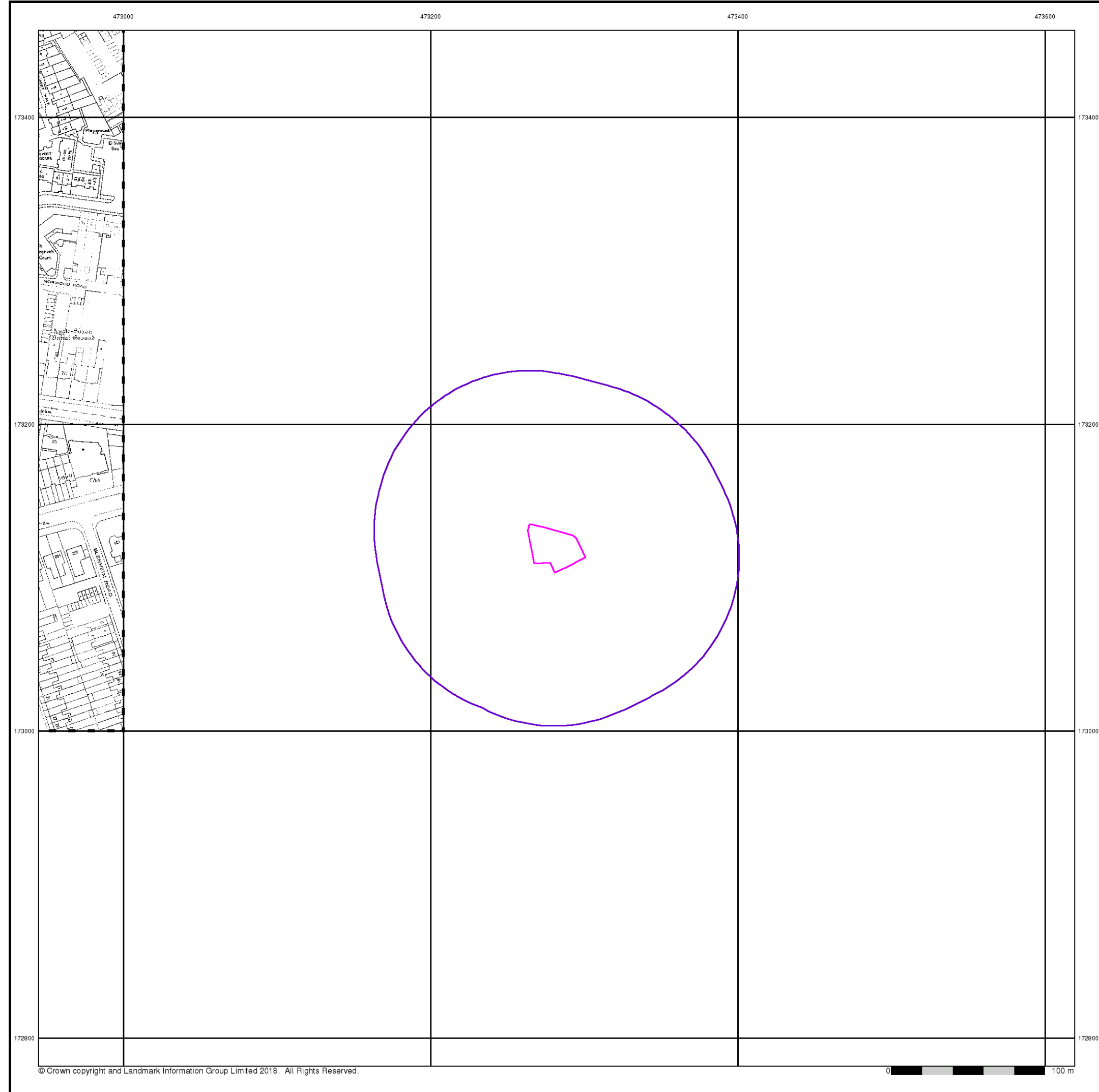
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## Additional SIMs

### Published 1983

### 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)

SU7273SE  
1983  
1:1,250

### Historical Map - Segment A13

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| A21 | A22 | A23 | A24 | A25 |
| A16 | A17 | A18 | A19 | A20 |
| A11 | A12 | A13 | A14 | A15 |
| A6  | A7  | A8  | A9  | A10 |
| A1  | A2  | A3  | A4  | A5  |

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 100            |

### Site Details

28, Wokingham Road, READING, RG6 1JQ

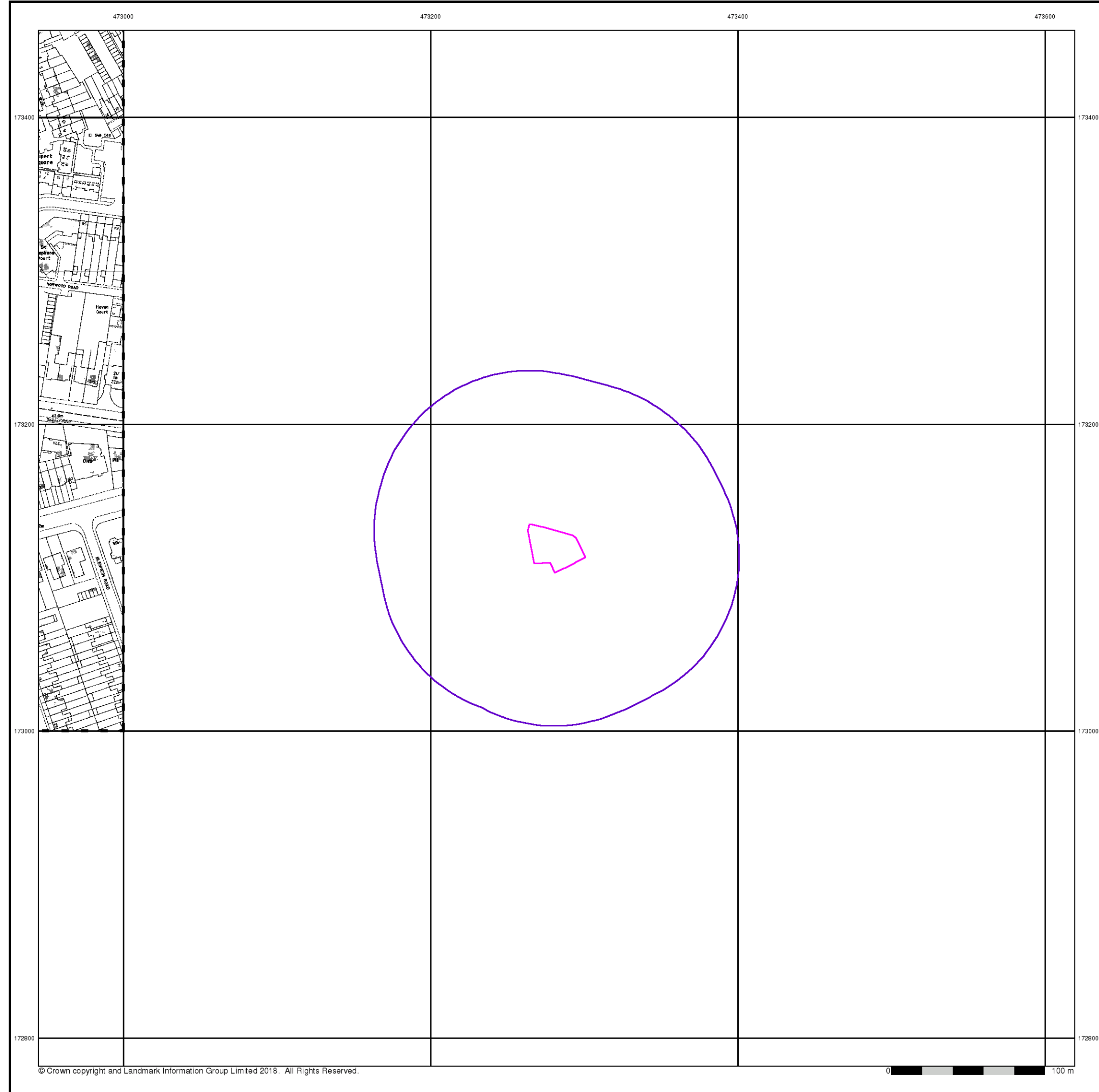
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## Ordnance Survey Plan

**Published 1986**

**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)

SU7273SE  
1986  
1:1,250

### Historical Map - Segment A13

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 100            |

### Site Details

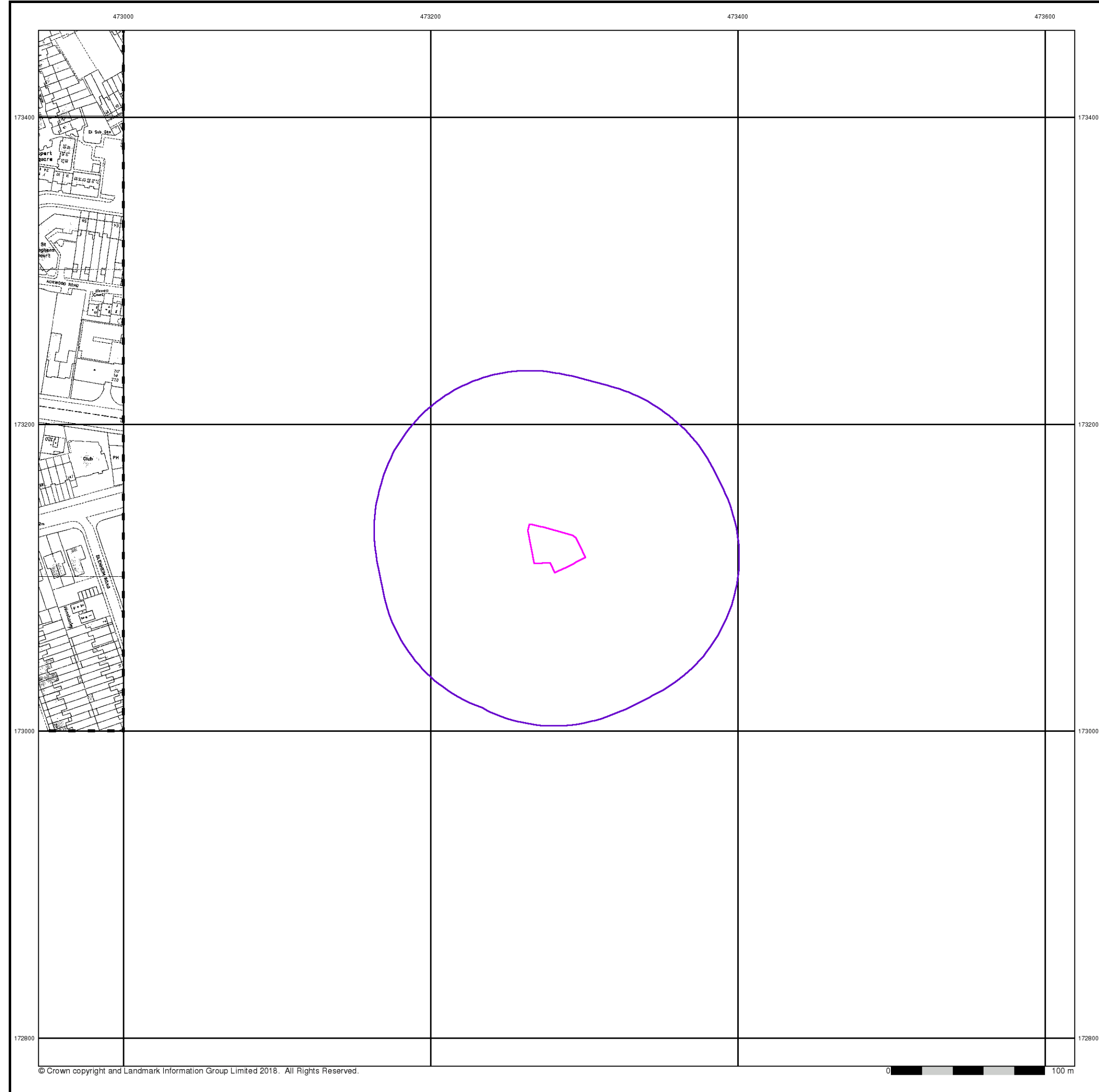
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## Additional SIMs

### Published 1986

### 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)

SU7273SE  
1986  
1:1,250

### Historical Map - Segment A13

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 100            |

### Site Details

28, Wokingham Road, READING, RG6 1JQ

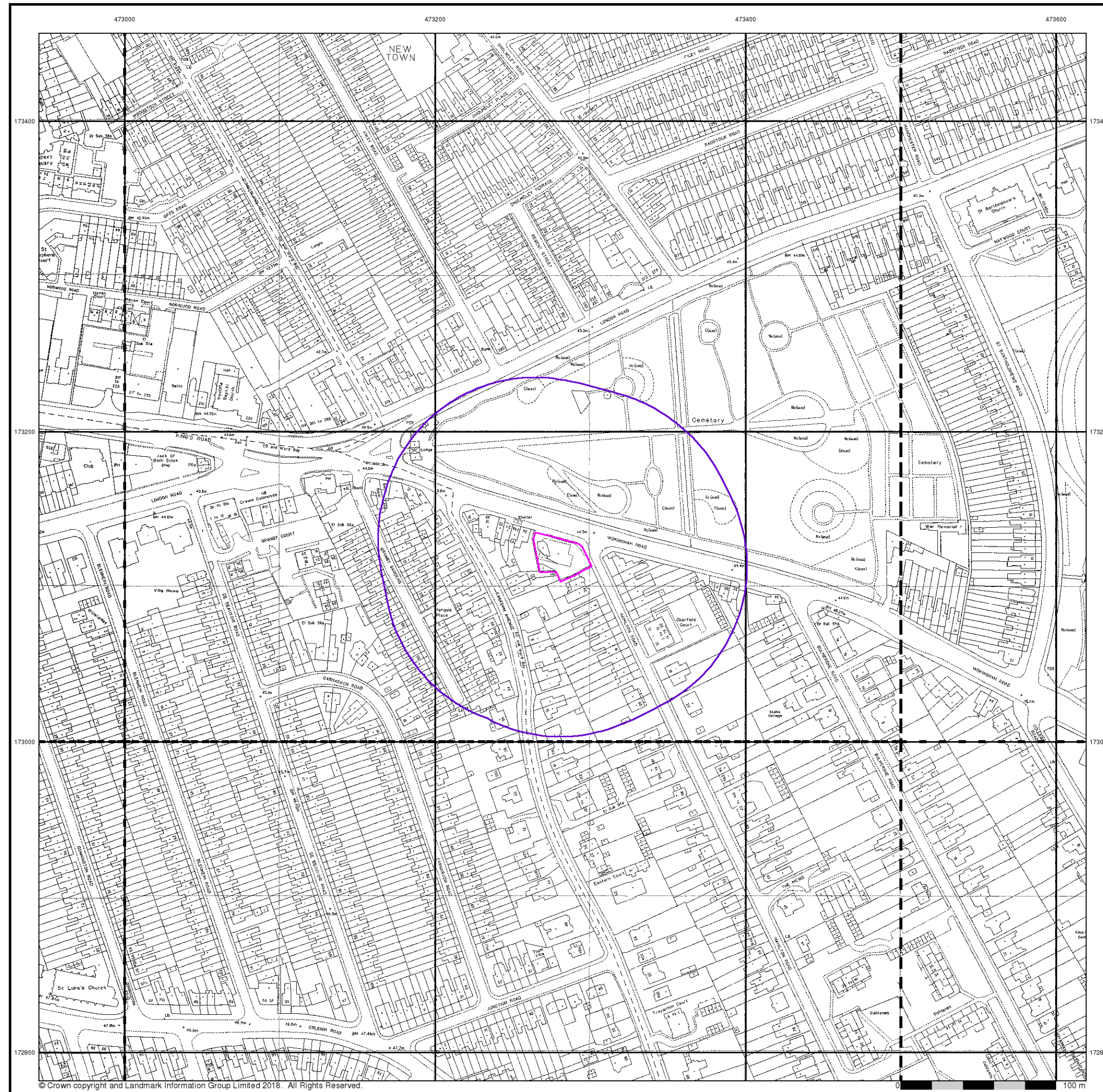
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## Large-Scale National Grid Data

Published 1993

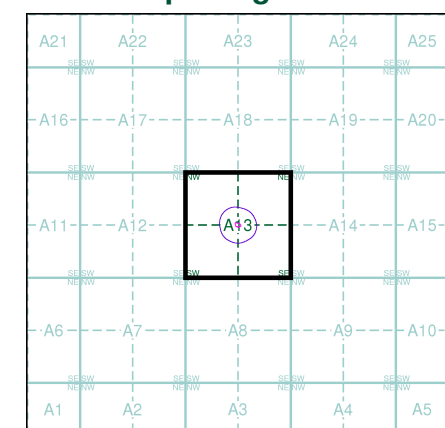
Source map scale - 1:1,250

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

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

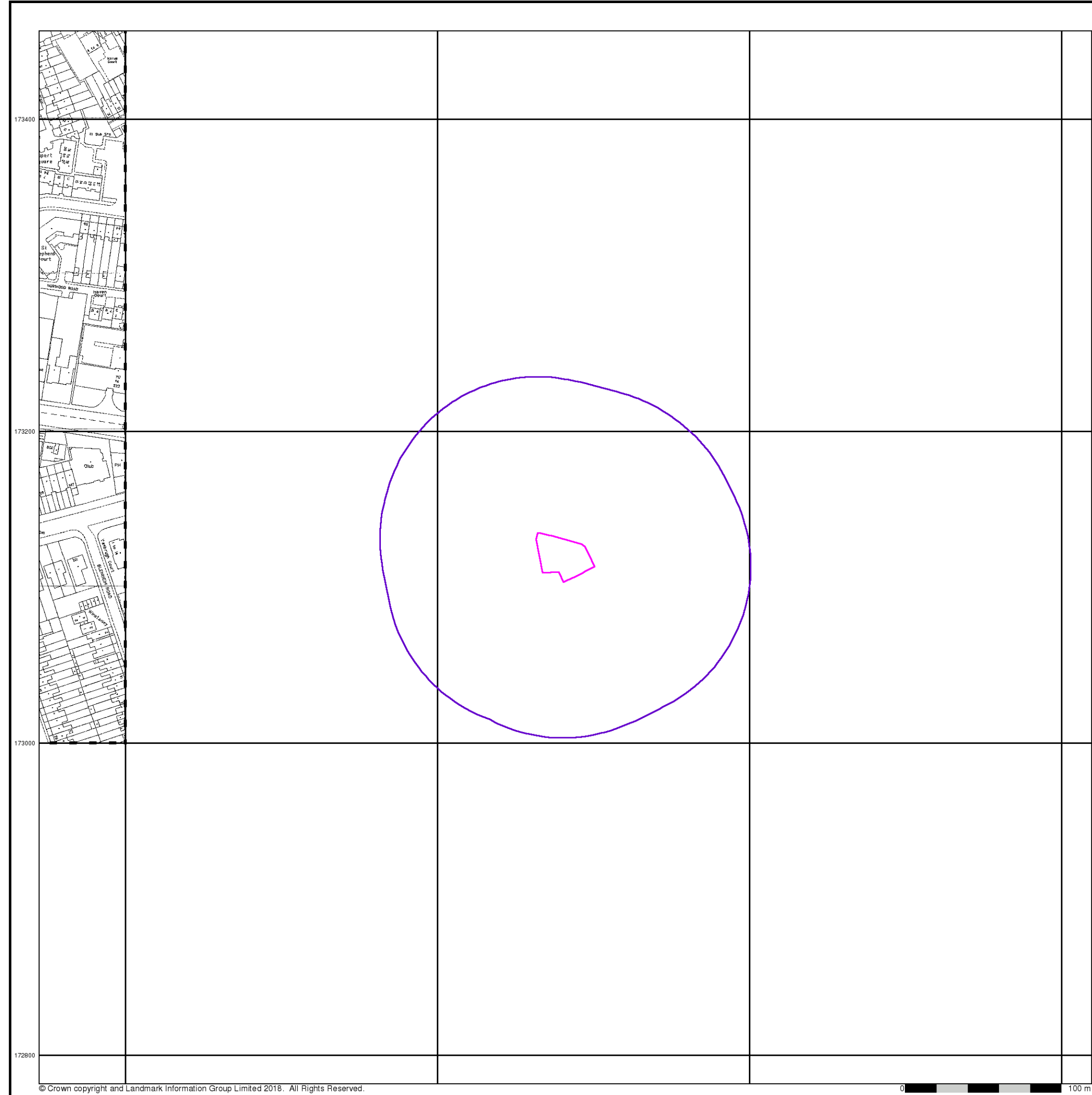
|                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|
| SU7273SE<br>1993<br>1:1,250 | SU7373SW<br>1993<br>1:1,250 | SU7373SE<br>1993<br>1:1,250 |
| SU7272NE<br>1993<br>1:1,250 | SU7372NW<br>1993<br>1:1,250 | SU7372NE<br>1993<br>1:1,250 |

## Historical Map - Segment A13



**Order Details**  
Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 100

**Site Details**  
28, Wokingham Road, READING, RG6 1JQ



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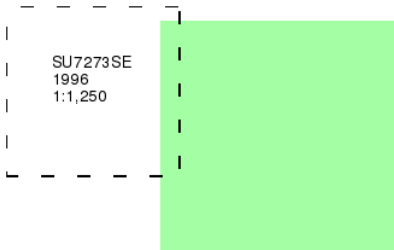
## Large-Scale National Grid Data

Published 1996

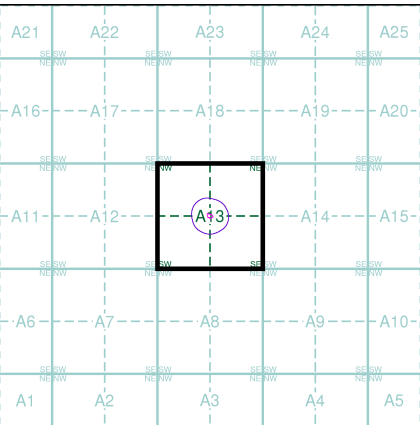
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 100

### Site Details

28, Wokingham Road, READING, RG6 1JQ



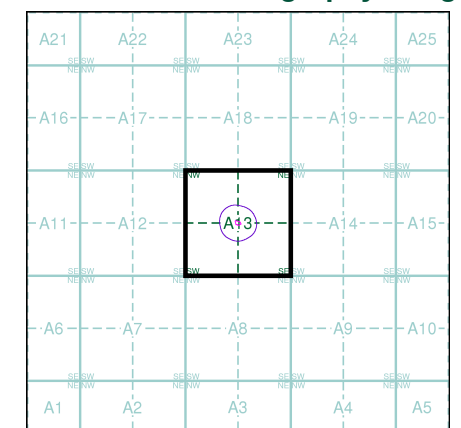


## Historical Aerial Photography

**Published 1999**

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

### Historical Aerial Photography - Segment A13



### Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 100

### Site Details

28, Wokingham Road, READING, RG6 1JQ



**PHASE 1 ENVIRONMENTAL INVESTIGATION**

**NO 4008/17**

**AT**

**28 WOKINGHAM ROAD, READING, RG6 1JQ**

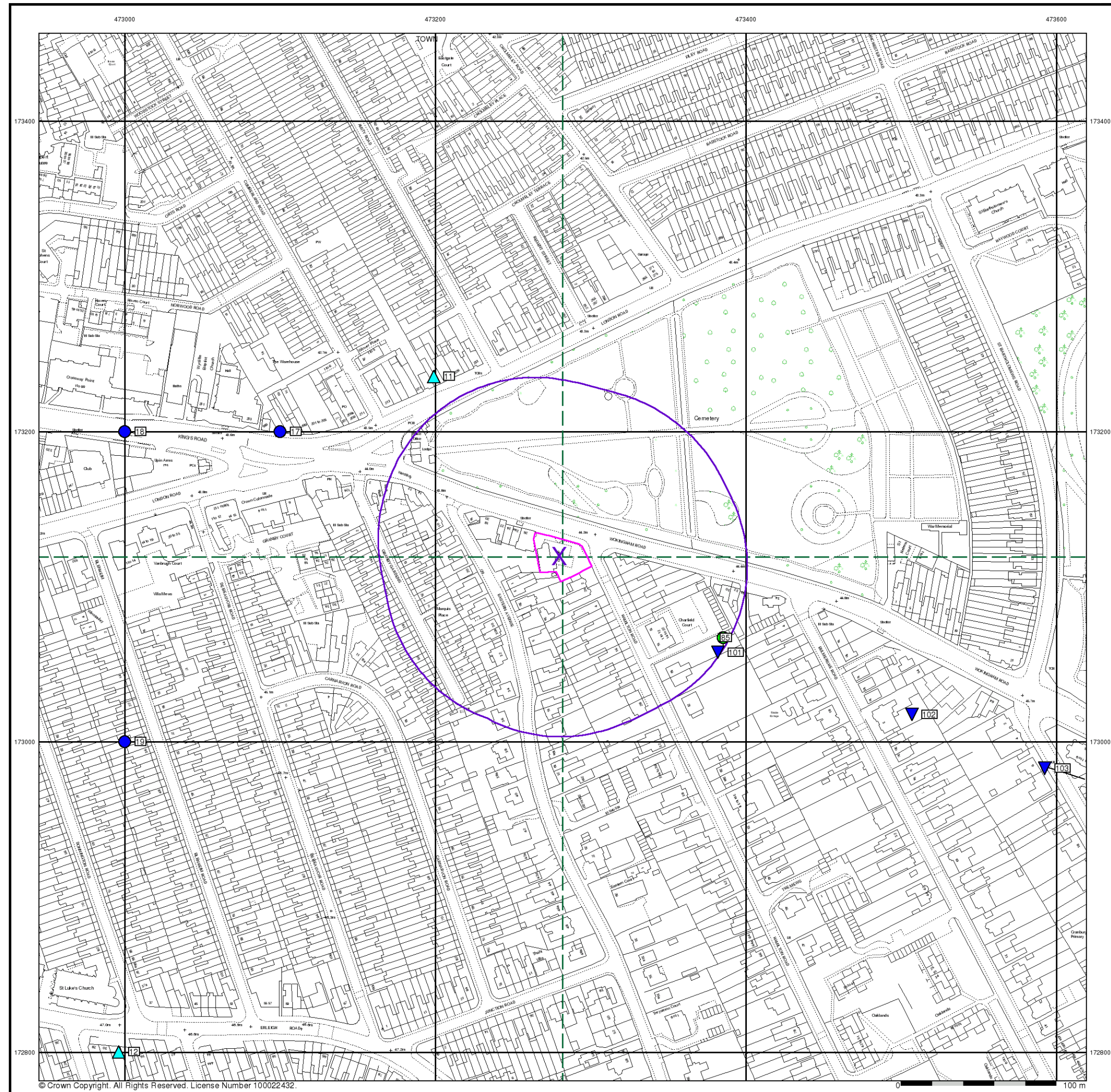
**FOR**

**PROPOSED HOUSING DEVELOPMENT**

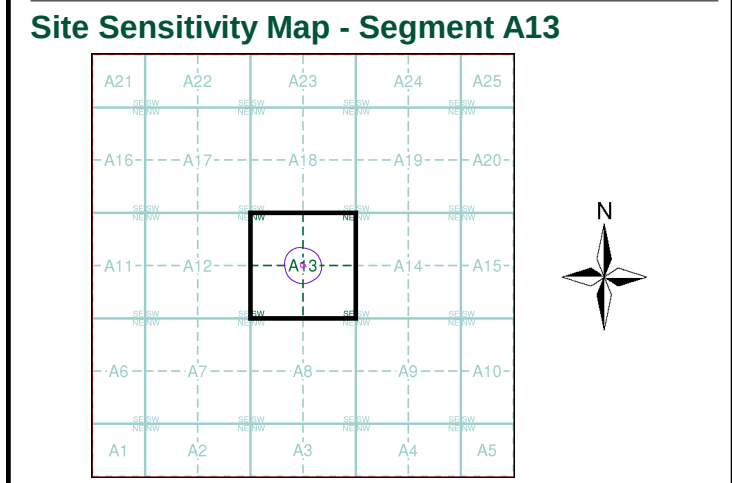
## **APPENDIX D**

**SITE SENSITIVITY MAP SETS**





- ### 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
- ### Hazardous Substances
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
  - BGS Recorded Mineral Site
- ### Waste
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site



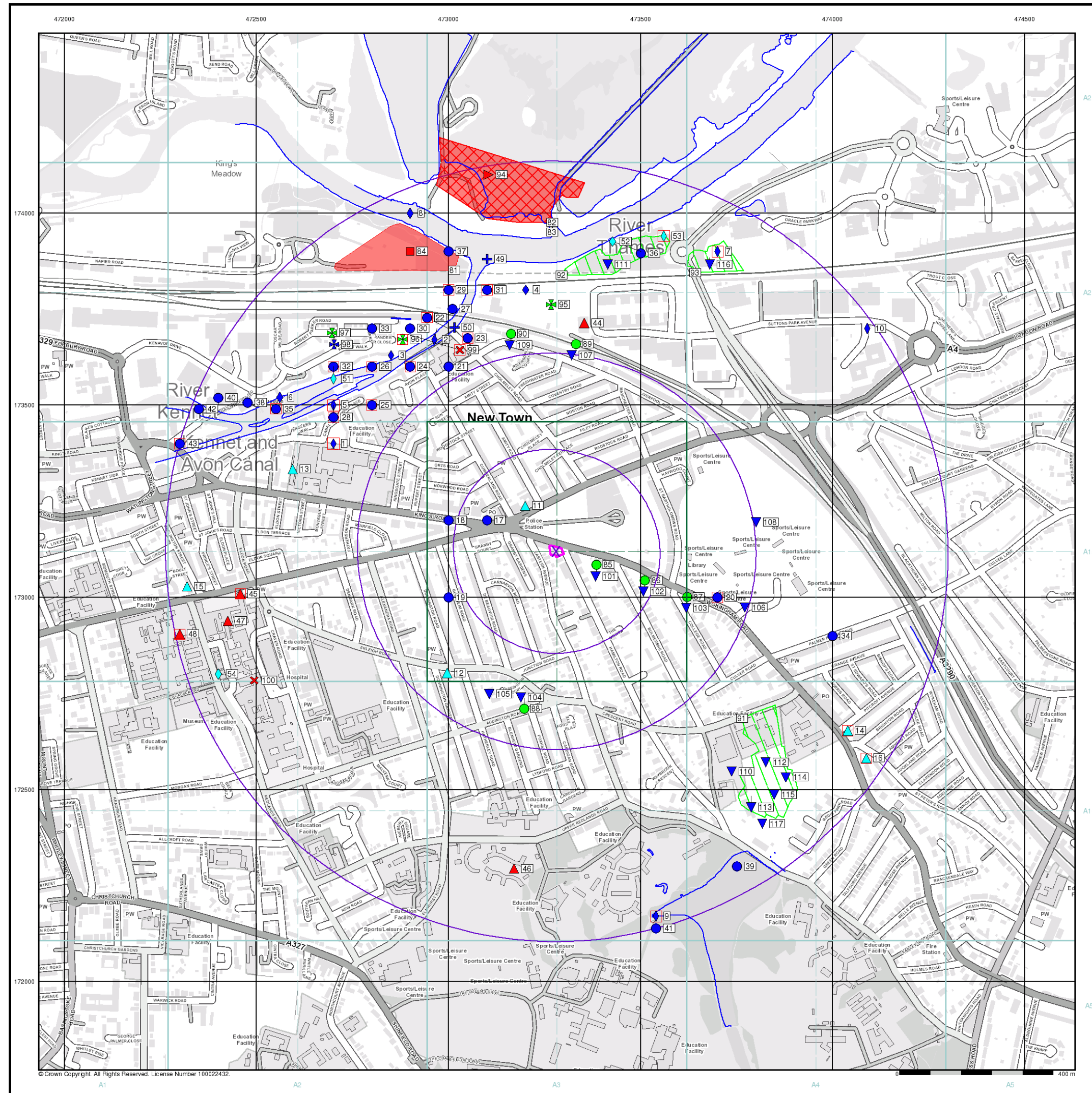
### Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Plot Buffer (m): 100

### Site Details

28, Wokingham Road, READING, RG6 1JQ





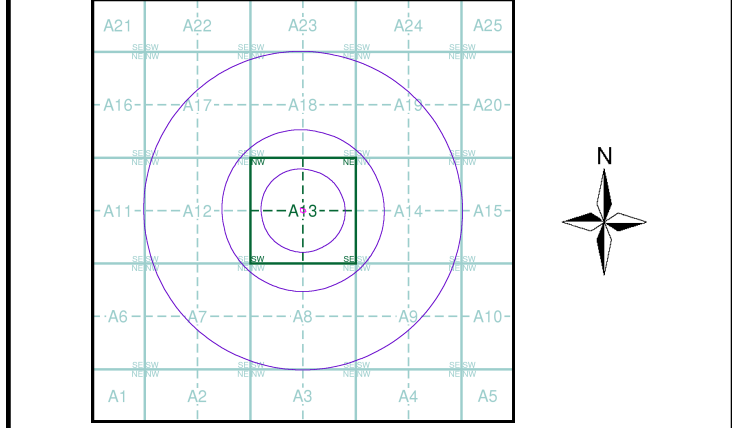
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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or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

## Site Sensitivity Map - Slice A



**Order Details**

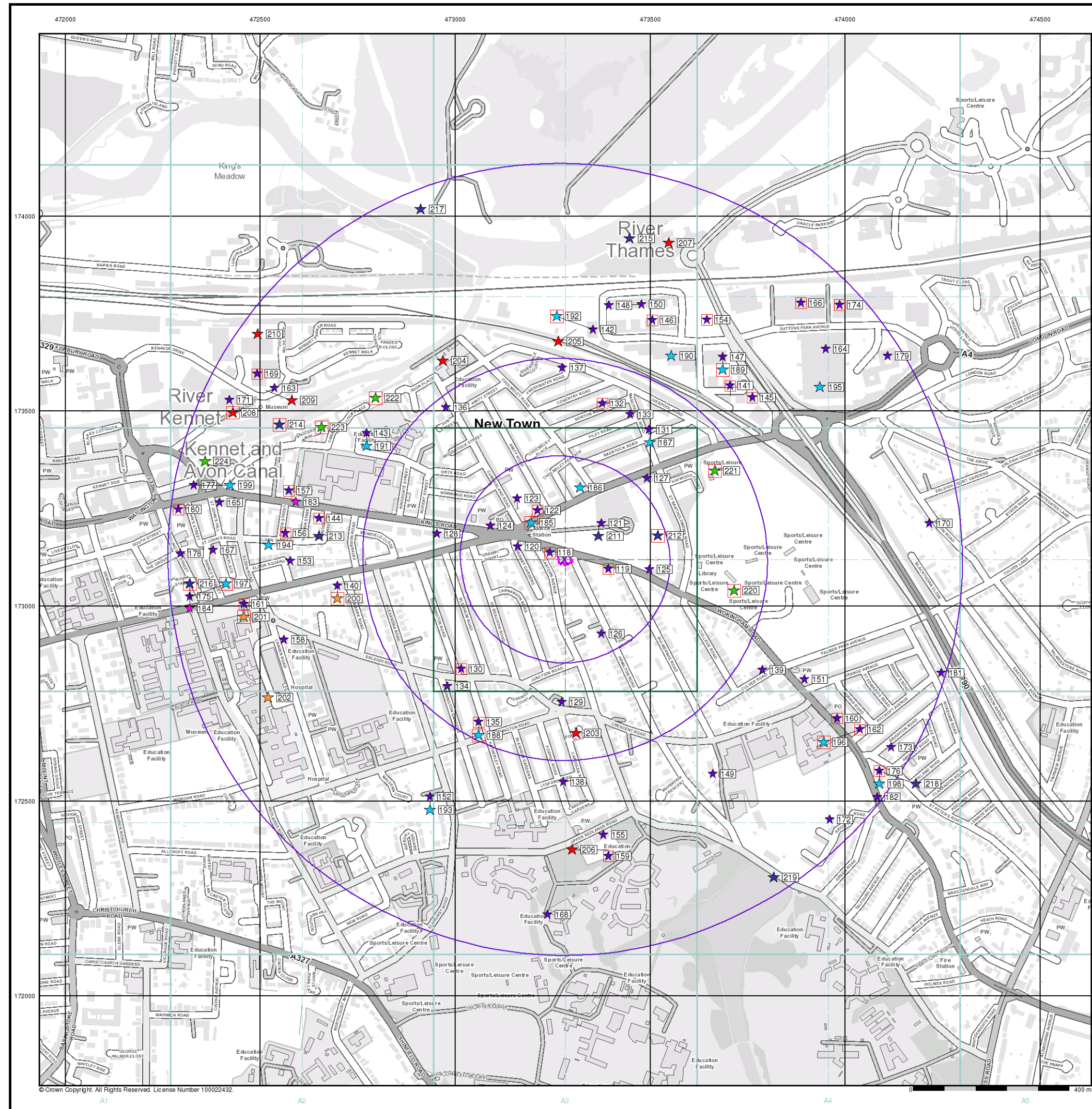
Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

**Site Details**  
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## Industrial Land Use Map

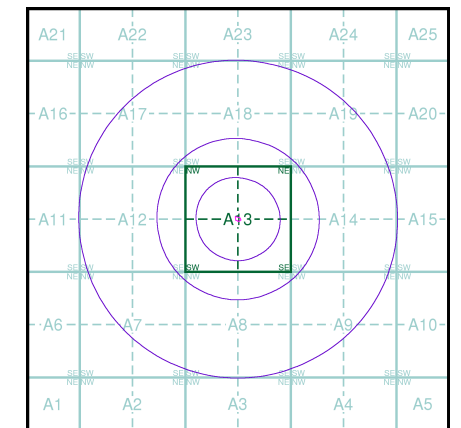
### General

- 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: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

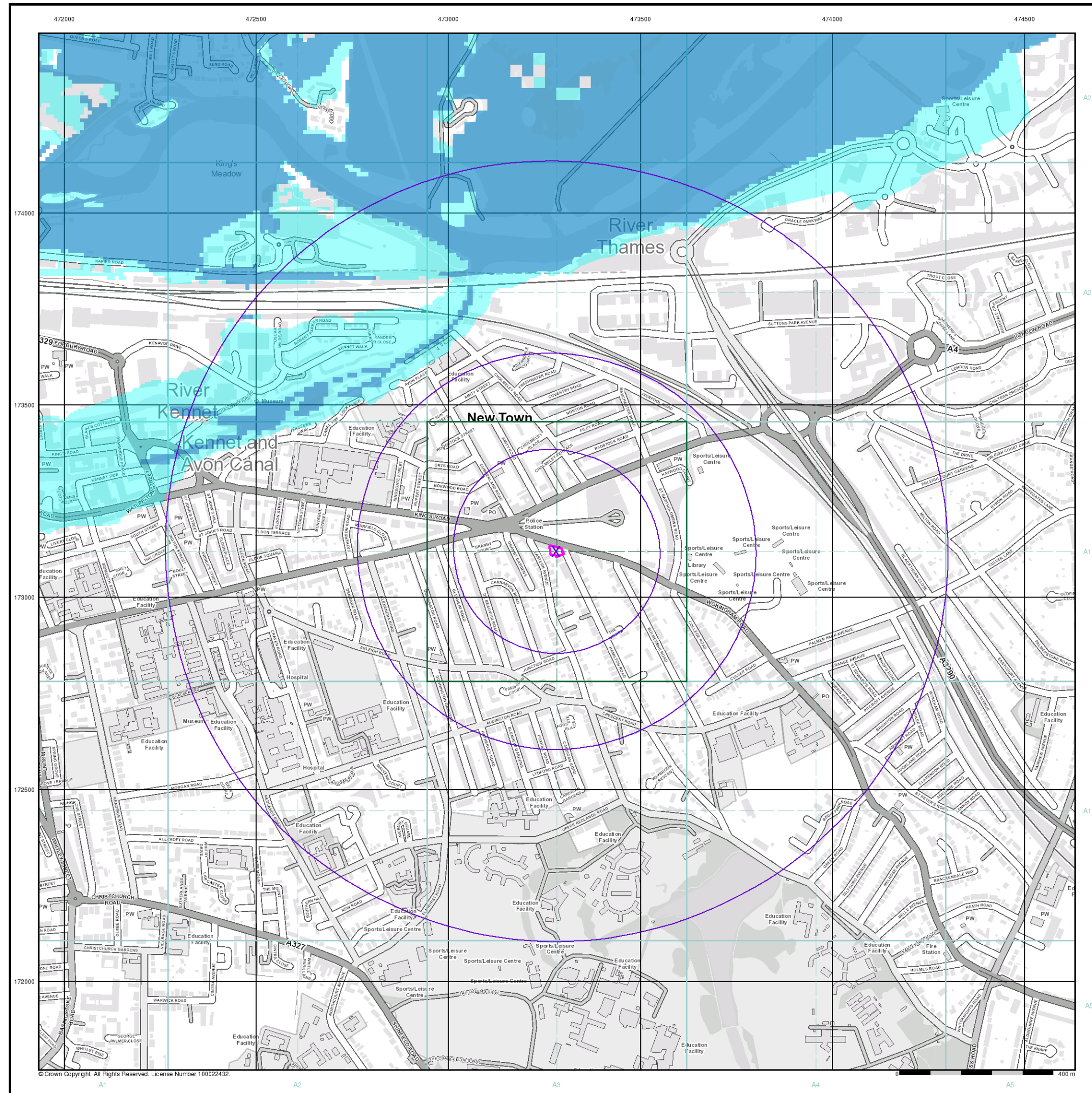
### Site Details

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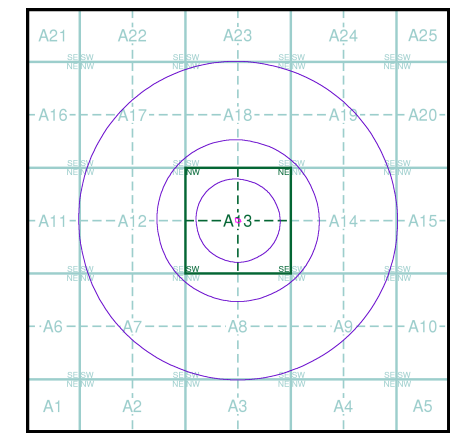
## General

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

## Agency and Hydrological (Flood)

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

## Flood Map - Slice A



## Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

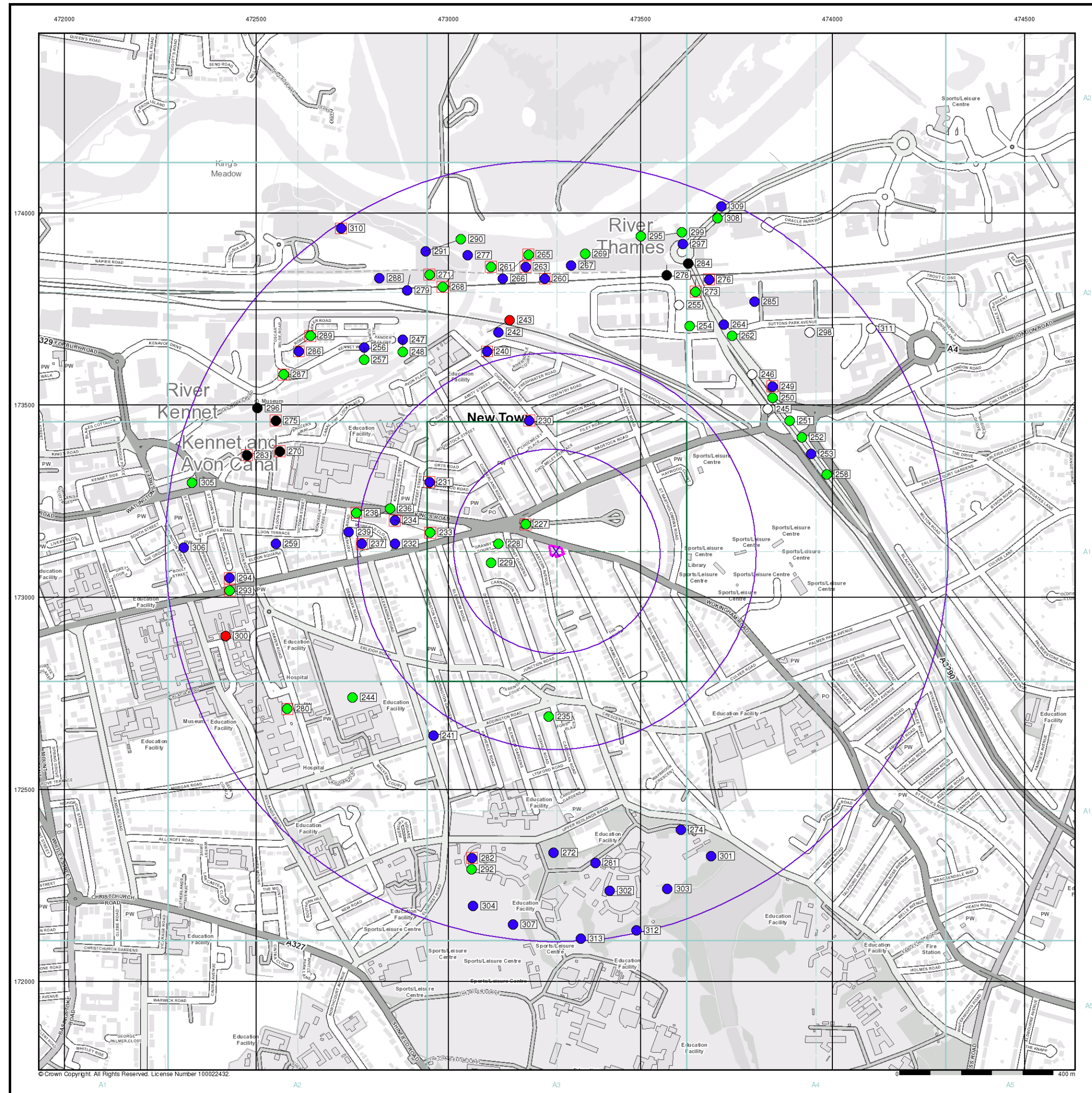
## Site Details

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### General

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

### Agency and Hydrological (Boreholes)

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

### Borehole Map - Slice A

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 1000           |

### Site Details

28, Wokingham Road, READING, RG6 1JQ

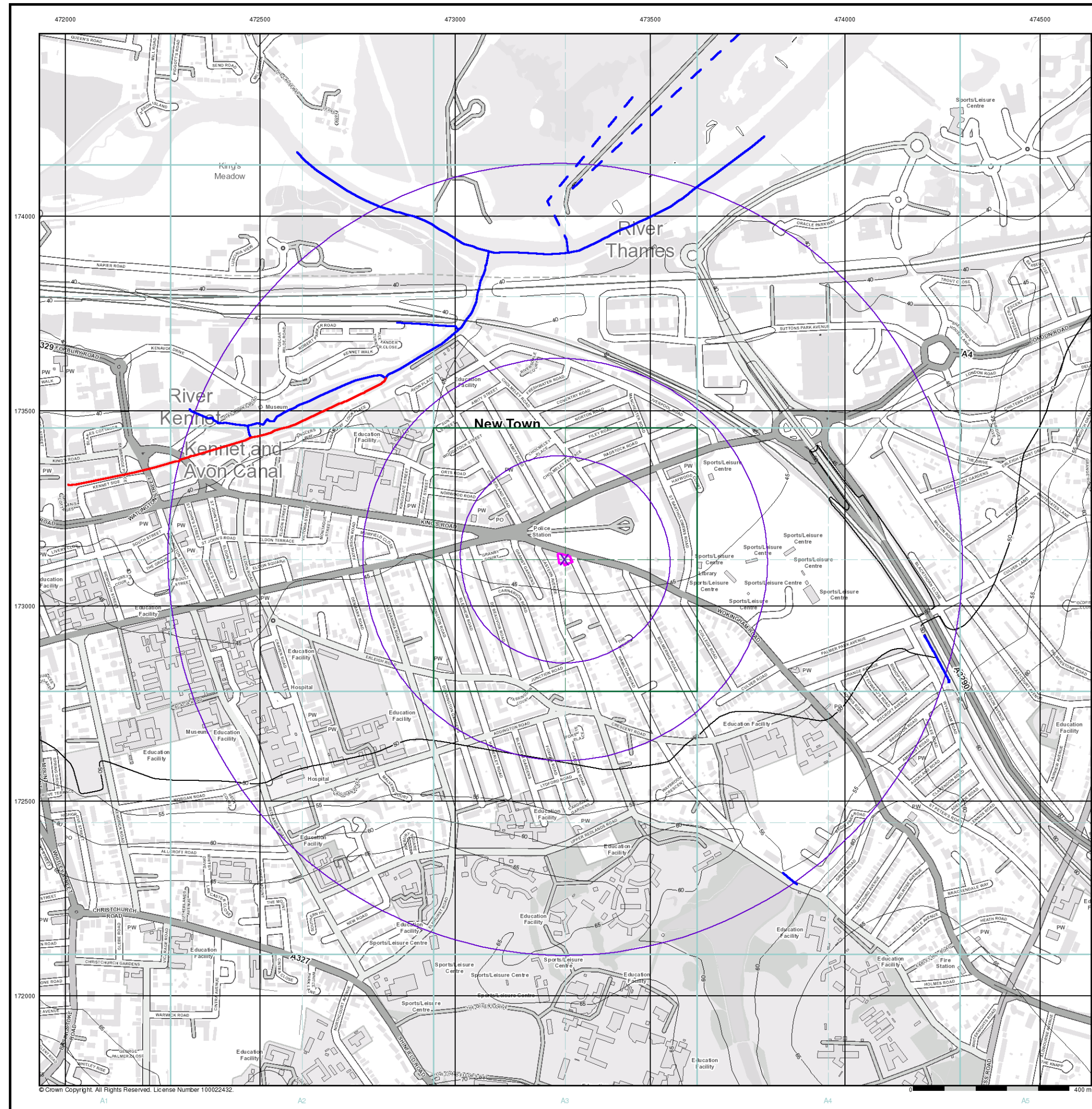
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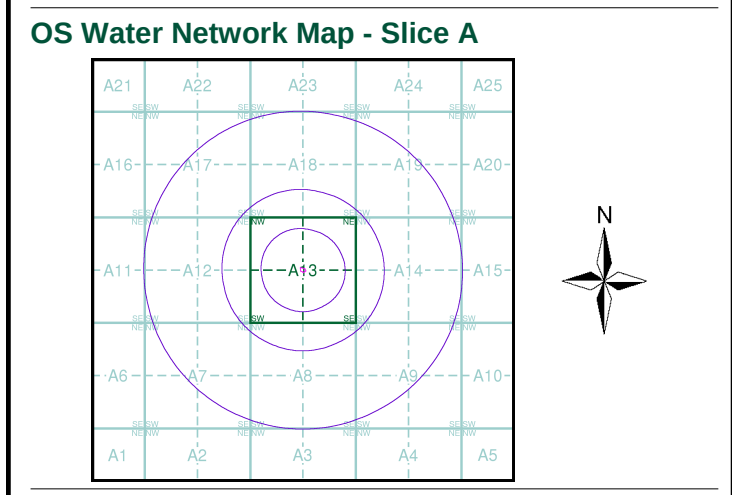
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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point

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

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



**Order Details**

Order Number: 153508705\_1\_1

Customer Ref: 4008

National Grid Reference: 473280, 173120

Slice: A

Site Area (Ha): 0.08

Search Buffer (m): 1000

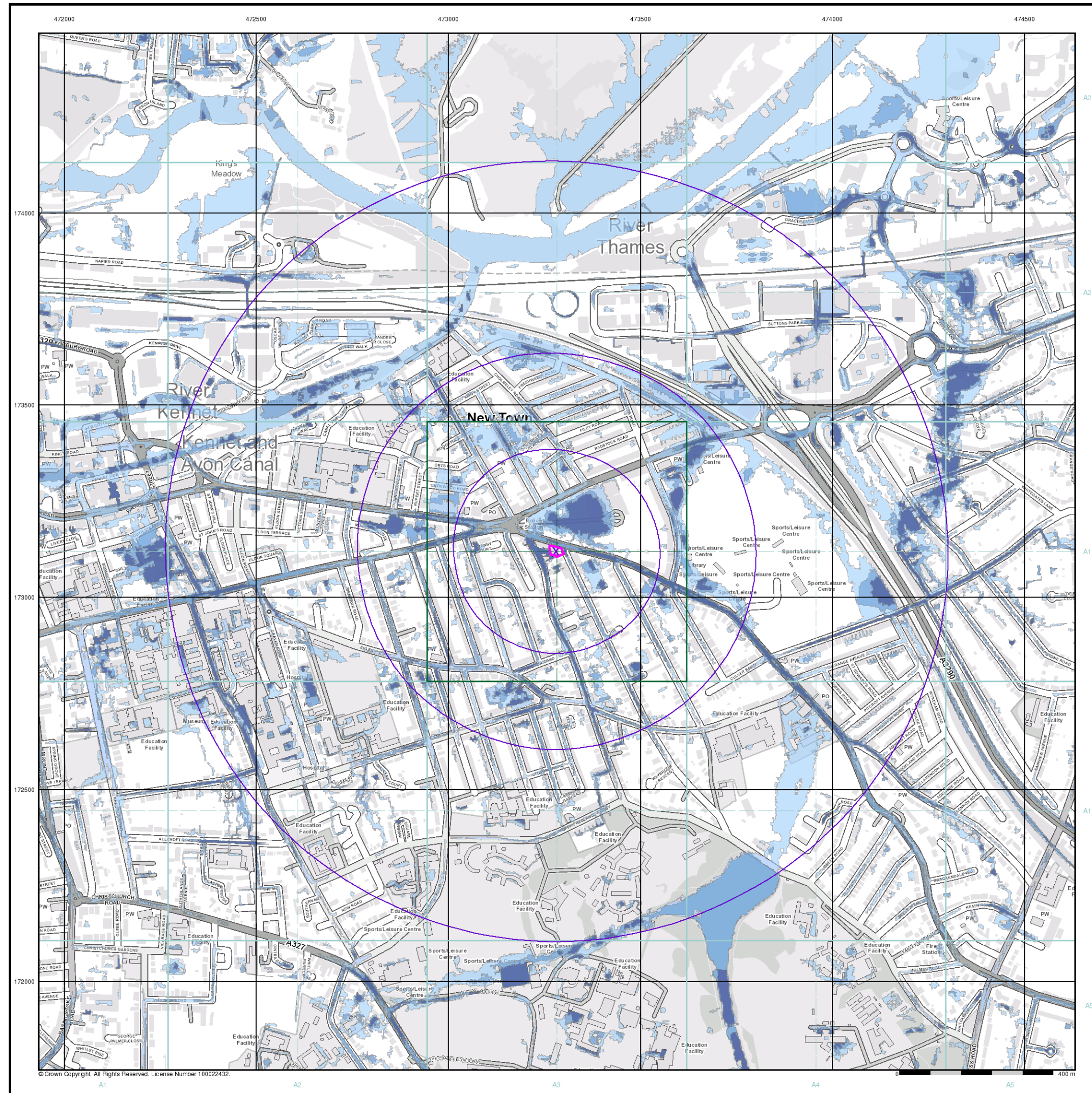
**Site Details**

28, Wokingham Road, READING, RG6 1JQ

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## General

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

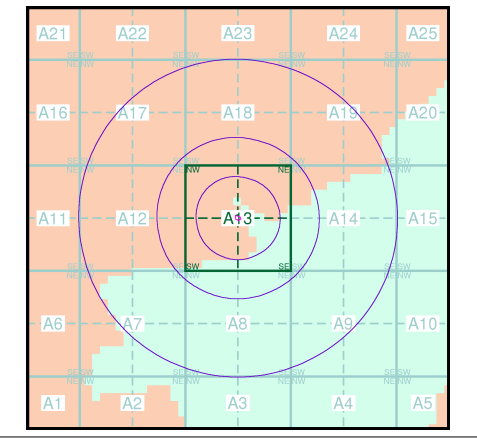
## Risk of Flooding from Surface Water

- 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

## EA/NRW Suitability Map - Slice A



## Order Details

Order Number: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

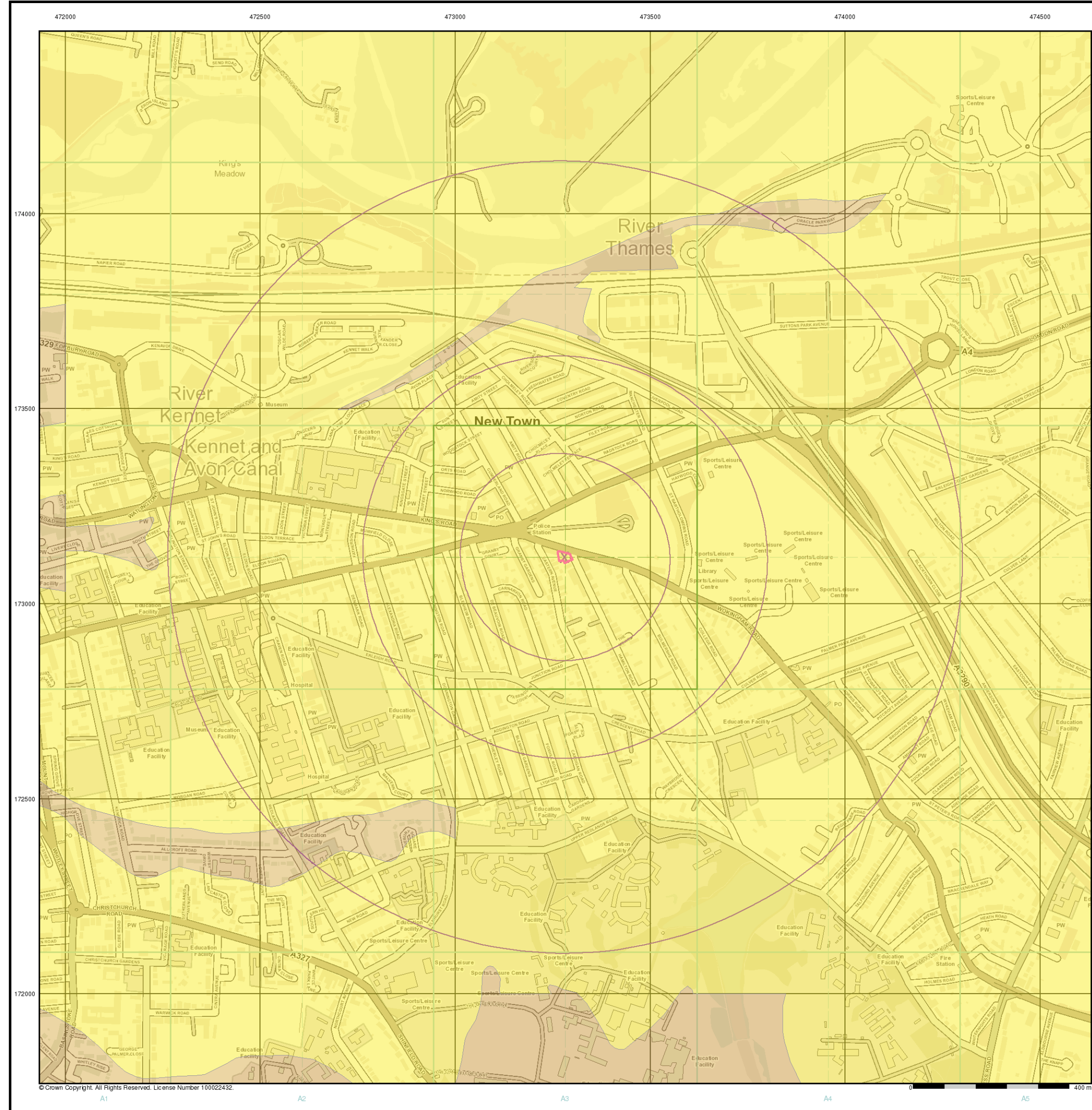
## Site Details

28, Wokingham Road, READING, RG6 1JQ

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### General

Specified Site Specified Buffer(s) Bearing Reference Point

### Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

|          |
|----------|
| < 15     |
| 15 - 25  |
| 25 - 35  |
| 35 - 45  |
| 45 - 60  |
| 60 - 120 |
| > 120    |

### Estimated Soil Chemistry Arsenic - Slice A

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Details:           | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 1000           |

### Site Details

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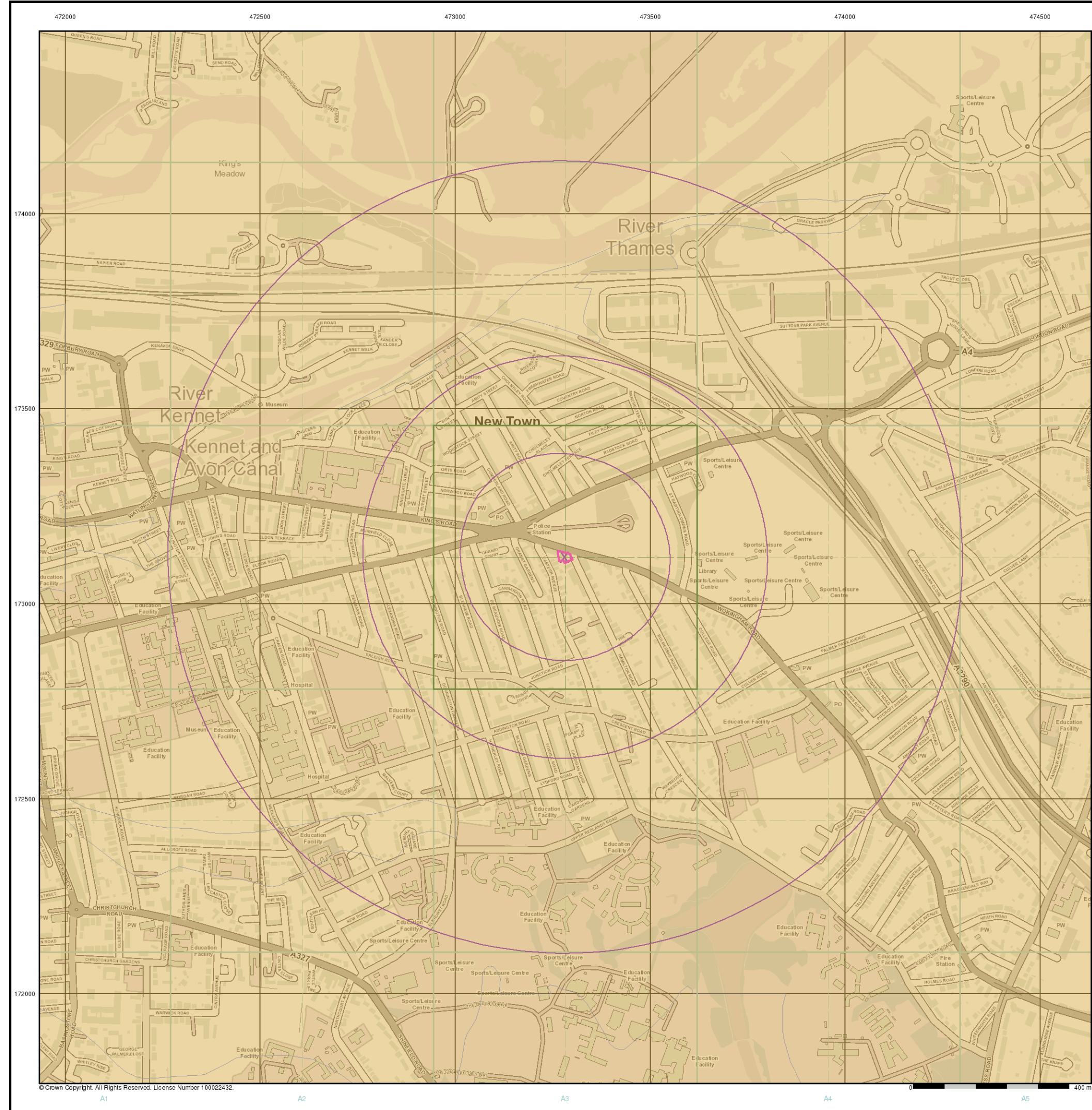
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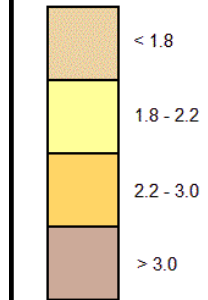
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## General

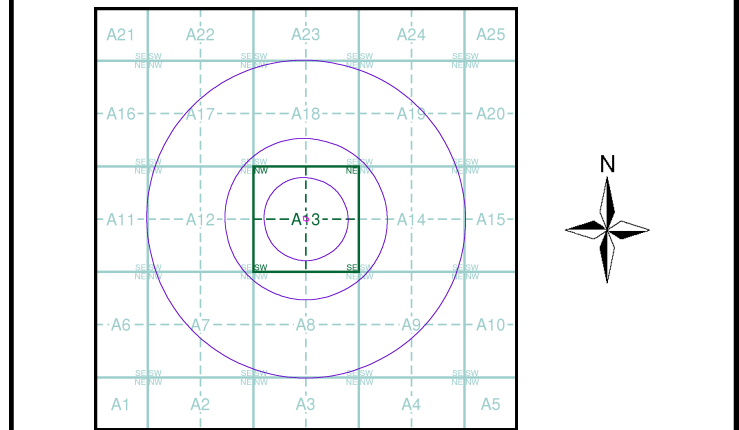
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



## Estimated Soil Chemistry Cadmium - Slice A



## Order Details

Order Details: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

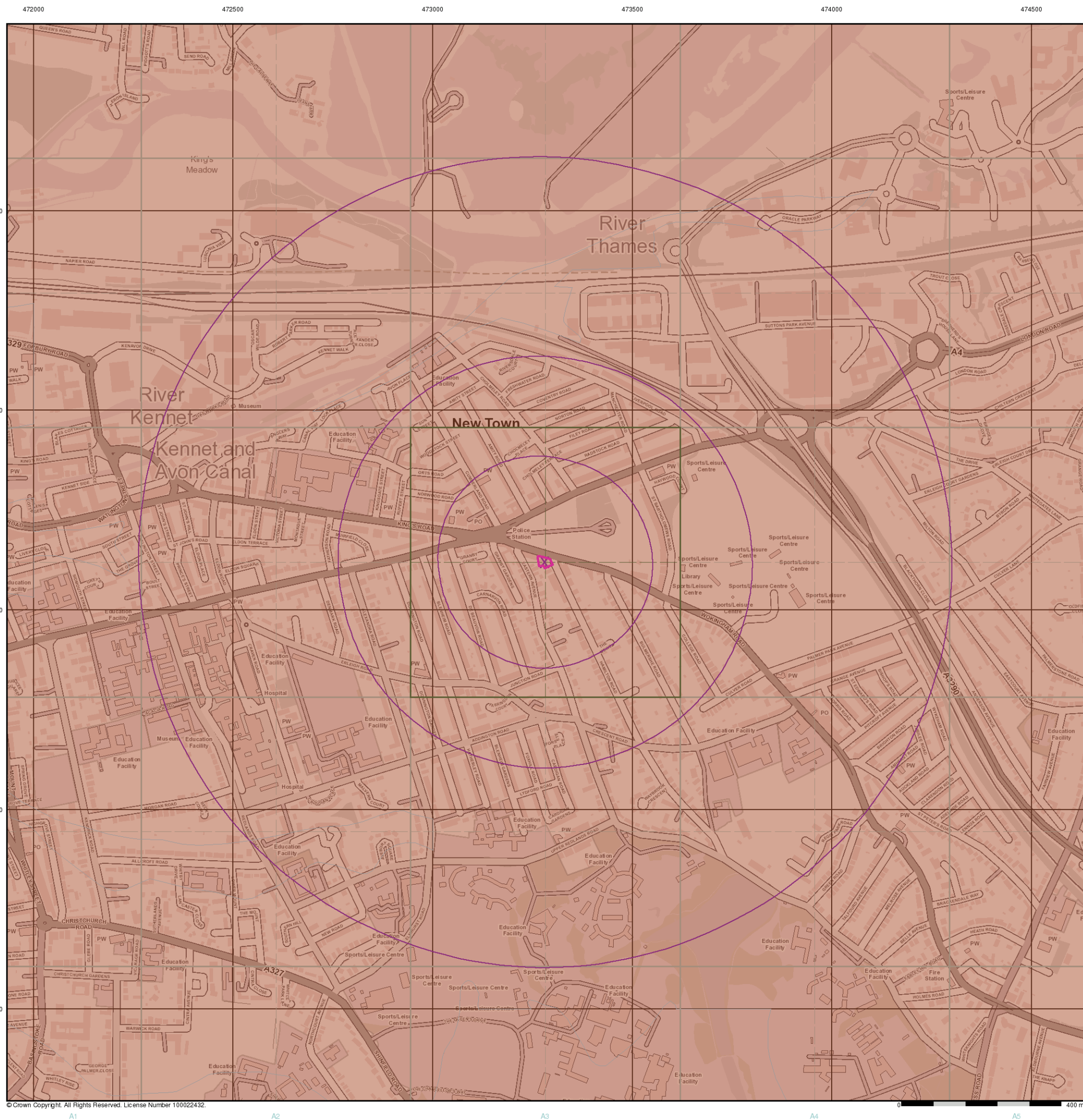
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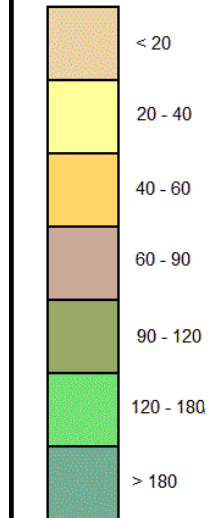
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## General

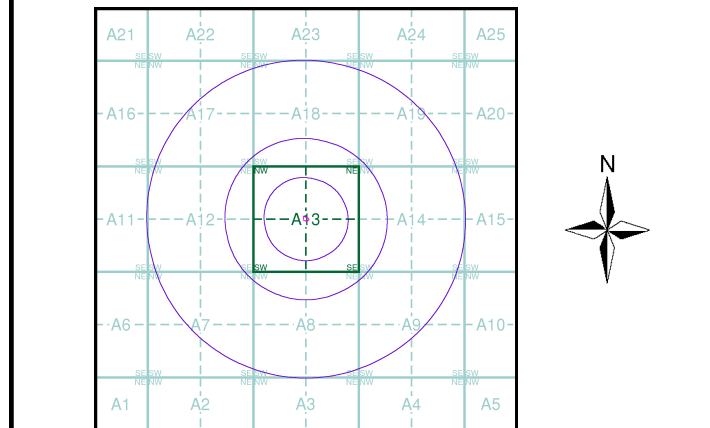
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



## Estimated Soil Chemistry Chromium - Slice A



## Order Details

Order Details: 153508705\_1\_1  
Customer Ref: 4008  
National Grid Reference: 473280, 173120  
Slice: A  
Site Area (Ha): 0.08  
Search Buffer (m): 1000

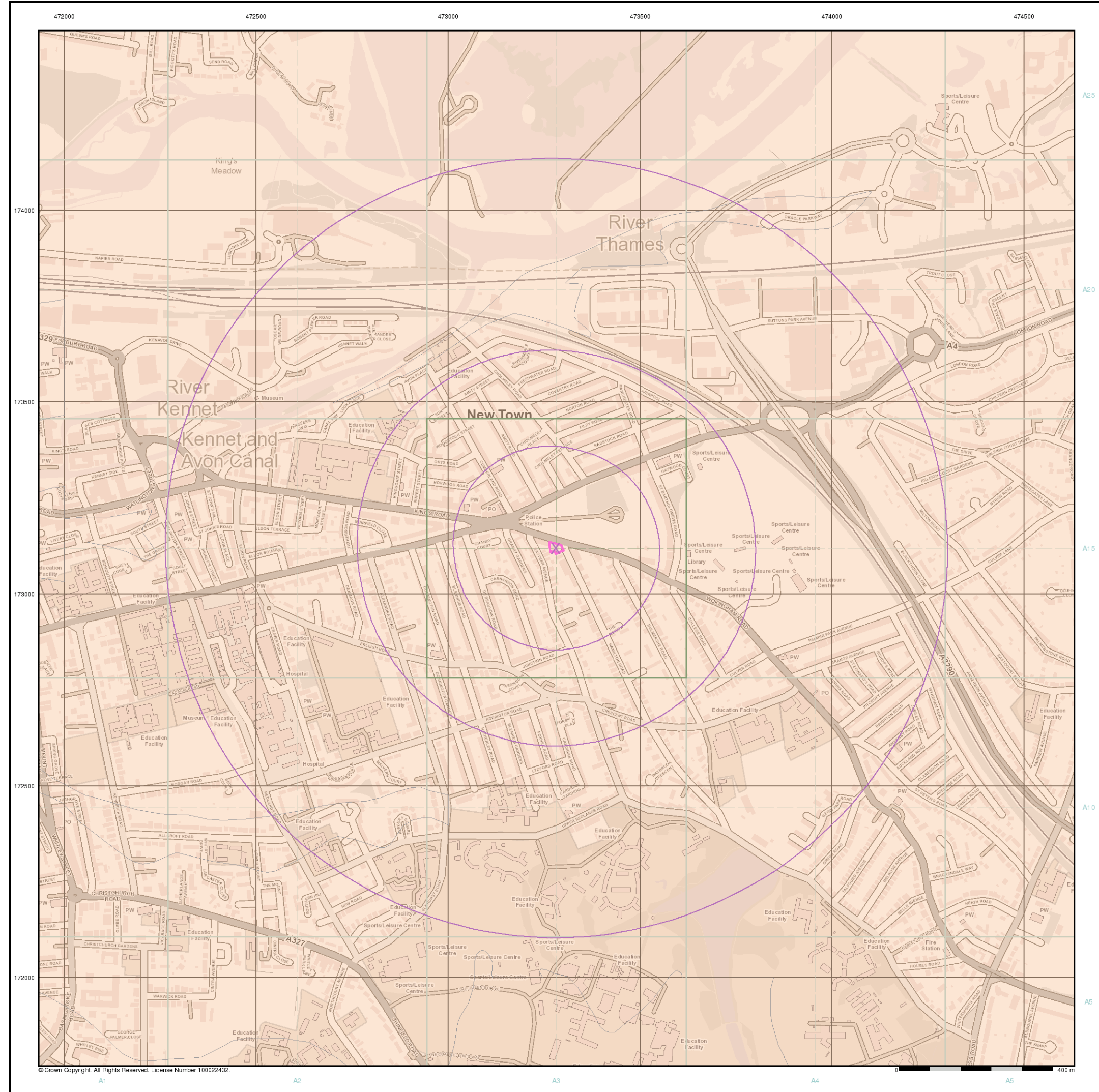
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### General

📍 Specified Site      📏 Specified Buffer(s)      ✕ Bearing Reference Point

### Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

|        |            |
|--------|------------|
| Orange | <100 mg/kg |
| Green  | 100 - 200  |
| Purple | 200 - 300  |
| Brown  | 300 - 600  |
| Blue   | 600 - 1200 |
| Cyan   | >1200      |

### Estimated Soil Chemistry Lead - Slice A

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Details:           | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 1000           |

### Site Details

28, Wokingham Road, READING, RG6 1JQ

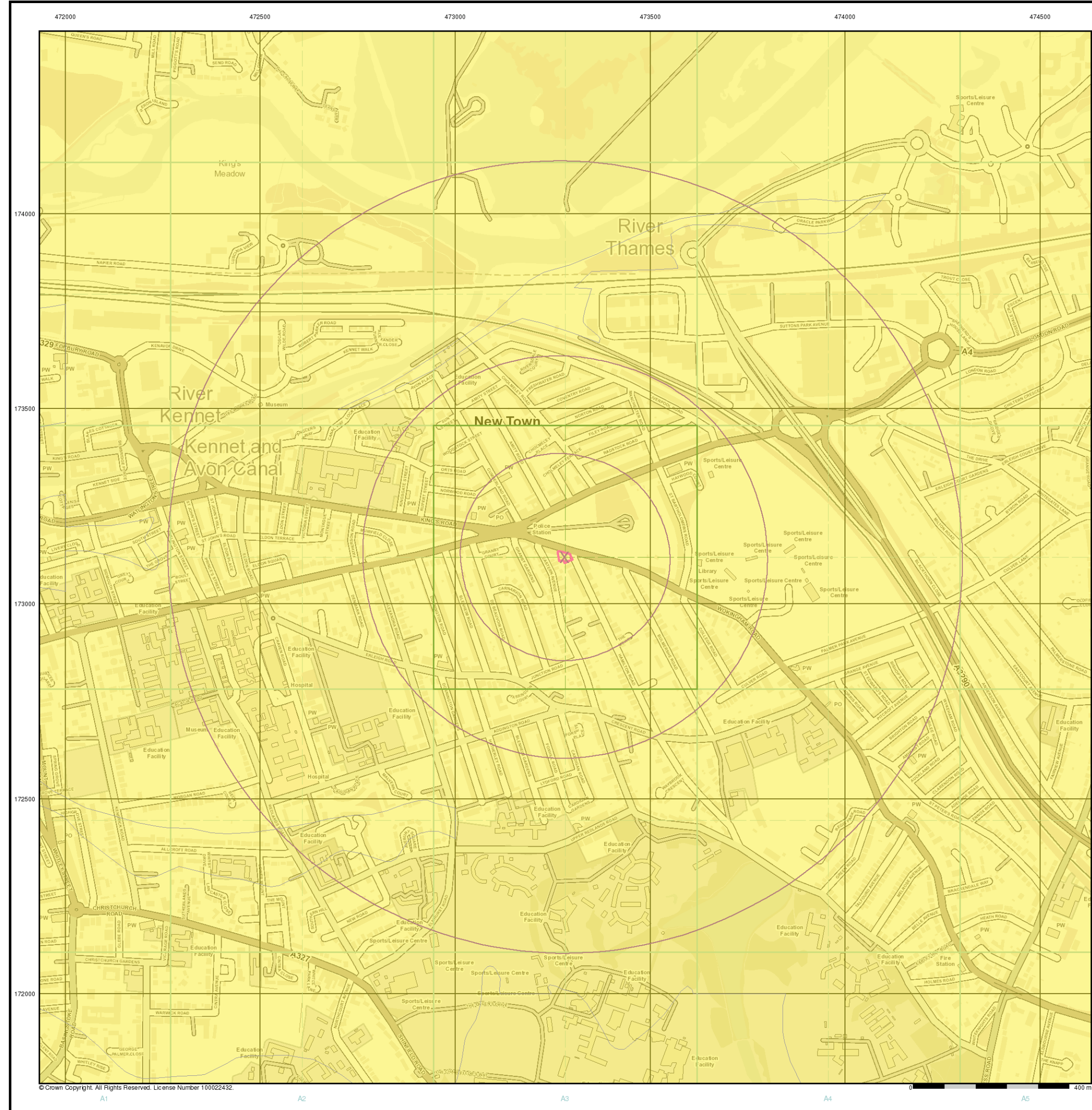
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### General

Specified Site Specified Buffer(s) Bearing Reference Point

### Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

|          |
|----------|
| < 15     |
| 15 - 30  |
| 30 - 45  |
| 45 - 60  |
| 60 - 80  |
| 80 - 100 |
| > 100    |

### Estimated Soil Chemistry Nickel - Slice A

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Details:           | 153508705_1_1  |
| Customer Ref:            | 4008           |
| National Grid Reference: | 473280, 173120 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.08           |
| Search Buffer (m):       | 1000           |

### Site Details

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**PHASE 1 ENVIRONMENTAL INVESTIGATION**

**NO 4008/17**

**AT**

**28 WOKINGHAM ROAD, READING, RG6 1JQ**

**FOR**

**PROPOSED HOUSING DEVELOPMENT**

## **APPENDIX E**

ENVIRONMENTAL DATABASE SEARCH



## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

153508705\_1\_1

**Customer Reference:**

4008

**National Grid Reference:**

473280, 173120

**Slice:**

A

**Site Area (Ha):**

0.08

**Search Buffer (m):**

1000

#### Site Details:

28, Wokingham Road

READING

RG6 1JQ

#### Client Details:

Mr M Green

Terramech Investigations Ltd

183 Long Lane

Tilehurst

Reading

Berkshire

RG31 6YW



| Report Section        | Page Number |
|-----------------------|-------------|
| Summary               | -           |
| Agency & Hydrological | 1           |
| Waste                 | 35          |
| Hazardous Substances  | 37          |
| Geological            | 39          |
| Industrial Land Use   | 45          |
| Sensitive Land Use    | 62          |
| Data Currency         | 63          |
| Data Suppliers        | 69          |
| Useful Contacts       | 70          |

### Introduction

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

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

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### Report Version v53.0



| Data Type                                                     | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                             |
| BGS Groundwater Flooding Susceptibility                       | pg 1        | Yes     | Yes       | Yes         | n/a                         |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                             |
| Discharge Consents                                            | pg 1        |         |           |             | 14                          |
| Prosecutions Relating to Controlled Waters                    |             |         | n/a       | n/a         | n/a                         |
| Enforcement and Prohibition Notices                           |             |         |           |             |                             |
| Integrated Pollution Controls                                 |             |         |           |             |                             |
| Integrated Pollution Prevention And Control                   |             |         |           |             |                             |
| Local Authority Integrated Pollution Prevention And Control   |             |         |           |             |                             |
| Local Authority Pollution Prevention and Controls             | pg 4        |         | 1         | 1           | 6                           |
| Local Authority Pollution Prevention and Control Enforcements |             |         |           |             |                             |
| Nearest Surface Water Feature                                 | pg 5        |         |           |             | Yes                         |
| Pollution Incidents to Controlled Waters                      | pg 5        |         | 1         | 6           | 54                          |
| Prosecutions Relating to Authorised Processes                 |             |         |           |             |                             |
| Registered Radioactive Substances                             | pg 15       |         |           |             | 15                          |
| River Quality                                                 | pg 18       |         |           |             | 3                           |
| River Quality Biology Sampling Points                         | pg 18       |         |           |             | 1                           |
| River Quality Chemistry Sampling Points                       | pg 19       |         |           |             | 1                           |
| Substantiated Pollution Incident Register                     |             |         |           |             |                             |
| Water Abstractions                                            | pg 19       |         |           |             | 6 (*42)                     |
| Water Industry Act Referrals                                  |             |         |           |             |                             |
| Groundwater Vulnerability                                     | pg 31       | Yes     | n/a       | n/a         | n/a                         |
| Drift Deposits                                                |             |         | n/a       | n/a         | n/a                         |
| Bedrock Aquifer Designations                                  | pg 31       | Yes     | n/a       | n/a         | n/a                         |
| Superficial Aquifer Designations                              | pg 31       | Yes     | n/a       | n/a         | n/a                         |
| Source Protection Zones                                       | pg 31       | 2       |           |             | 1                           |
| Extreme Flooding from Rivers or Sea without Defences          |             |         |           | n/a         | n/a                         |
| Flooding from Rivers or Sea without Defences                  |             |         |           | n/a         | n/a                         |
| Areas Benefiting from Flood Defences                          |             |         |           | n/a         | n/a                         |
| Flood Water Storage Areas                                     |             |         |           | n/a         | n/a                         |
| Flood Defences                                                |             |         |           | n/a         | n/a                         |
| OS Water Network Lines                                        | pg 32       |         |           |             | 23                          |



| Data Type                                                           | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Waste</b>                                                        |             |         |           |             |                             |
| BGS Recorded Landfill Sites                                         |             |         |           |             |                             |
| Historical Landfill Sites                                           | pg 35       |         |           |             | 2                           |
| Integrated Pollution Control Registered Waste Sites                 |             |         |           |             |                             |
| Licensed Waste Management Facilities (Landfill Boundaries)          | pg 35       |         |           |             | 1                           |
| Licensed Waste Management Facilities (Locations)                    |             |         |           |             |                             |
| Local Authority Landfill Coverage                                   | pg 35       | 1       | n/a       | n/a         | n/a                         |
| Local Authority Recorded Landfill Sites                             | pg 35       |         |           |             | 1                           |
| Potentially Infilled Land (Non-Water)                               | pg 35       |         | 2         | 2           | 5                           |
| Potentially Infilled Land (Water)                                   |             |         |           |             |                             |
| Registered Landfill Sites                                           | pg 36       |         |           |             | 1                           |
| Registered Waste Transfer Sites                                     |             |         |           |             |                             |
| Registered Waste Treatment or Disposal Sites                        |             |         |           |             |                             |
| <b>Hazardous Substances</b>                                         |             |         |           |             |                             |
| Control of Major Accident Hazards Sites (COMAH)                     | pg 37       |         |           |             | 4                           |
| Explosive Sites                                                     |             |         |           |             |                             |
| Notification of Installations Handling Hazardous Substances (NIHHS) | pg 37       |         |           |             | 1                           |
| Planning Hazardous Substance Consents                               | pg 37       |         |           |             | 4                           |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                             |

| Data Type                                                         | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|-------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Geological</b>                                                 |             |         |           |             |                             |
| BGS 1:625,000 Solid Geology                                       | pg 39       | Yes     | n/a       | n/a         | n/a                         |
| BGS Estimated Soil Chemistry                                      | pg 39       | Yes     |           |             | Yes                         |
| BGS Recorded Mineral Sites                                        | pg 39       |         | 2         | 4           | 11                          |
| 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                                          | pg 42       |         |           |             | 2                           |
| Natural Cavities                                                  | pg 42       |         | 2         | 2           |                             |
| Non Coal Mining Areas of Great Britain                            | pg 43       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Collapsible Ground Stability Hazards                | pg 43       | Yes     |           | n/a         | n/a                         |
| Potential for Compressible Ground Stability Hazards               |             |         |           | n/a         | n/a                         |
| Potential for Ground Dissolution Stability Hazards                | pg 43       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Landslide Ground Stability Hazards                  | pg 43       | Yes     |           | n/a         | n/a                         |
| Potential for Running Sand Ground Stability Hazards               | pg 43       | Yes     |           | n/a         | n/a                         |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 43       |         | Yes       | n/a         | n/a                         |
| Radon Potential - Radon Affected Areas                            |             |         | n/a       | n/a         | n/a                         |
| Radon Potential - Radon Protection Measures                       |             |         | n/a       | n/a         | n/a                         |
| <b>Industrial Land Use</b>                                        |             |         |           |             |                             |
| Contemporary Trade Directory Entries                              | pg 45       | 1       | 18        | 15          | 89                          |
| Fuel Station Entries                                              | pg 55       |         |           |             | 2                           |
| Points of Interest - Commercial Services                          | pg 56       |         | 4         | 3           | 16                          |
| Points of Interest - Education and Health                         | pg 58       |         |           |             | 8                           |
| Points of Interest - Manufacturing and Production                 | pg 58       |         |           | 1           | 9                           |
| Points of Interest - Public Infrastructure                        | pg 59       |         | 3         |             | 10                          |
| Points of Interest - Recreational and Environmental               | pg 60       |         |           | 4           | 5                           |
| Gas Pipelines                                                     |             |         |           |             |                             |
| Underground Electrical Cables                                     |             |         |           |             |                             |



| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m<br>(*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|--------------------------------|
| <b>Sensitive Land Use</b>            |             |         |           |             |                                |
| Ancient Woodland                     |             |         |           |             |                                |
| Areas of Adopted Green Belt          |             |         |           |             |                                |
| Areas of Unadopted Green Belt        |             |         |           |             |                                |
| Areas of Outstanding Natural Beauty  |             |         |           |             |                                |
| Environmentally Sensitive Areas      |             |         |           |             |                                |
| Forest Parks                         |             |         |           |             |                                |
| Local Nature Reserves                |             |         |           |             |                                |
| Marine Nature Reserves               |             |         |           |             |                                |
| National Nature Reserves             |             |         |           |             |                                |
| National Parks                       |             |         |           |             |                                |
| Nitrate Sensitive Areas              |             |         |           |             |                                |
| Nitrate Vulnerable Zones             | pg 62       |         |           |             | 2                              |
| Ramsar Sites                         |             |         |           |             |                                |
| Sites of Special Scientific Interest |             |         |           |             |                                |
| Special Areas of Conservation        |             |         |           |             |                                |
| Special Protection Areas             |             |         |           |             |                                |
| World Heritage Sites                 |             |         |           |             |                                |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A13SE (SE)                             | 12                           | 1       | 473300<br>173100 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A13SW (W)                              | 315                          | 1       | 472950<br>173100 |
| 1      | <b>Discharge Consents</b><br>Operator: Thames Water Utilities Ltd<br>Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Reading, Blakes Lockreadingblakes Lock<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Supplied<br>Reference: Temp.1768<br>Permit Version: 2<br>Effective Date: 3rd September 2010<br>Issued Date: 3rd September 2010<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Holly Brook<br><b>Status: Temporary Consents (Water Act 1989, Section 113)</b><br>Positional Accuracy: Located by supplier to within 100m     | A12NE (NW)                             | 624                          | 2       | 472700<br>173400 |
| 1      | <b>Discharge Consents</b><br>Operator: Thames Water Utilities Ltd<br>Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Reading, Blakes Lockreadingblakes Lock<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Supplied<br>Reference: Temp.1768<br>Permit Version: 1<br>Effective Date: 2nd November 1989<br>Issued Date: 2nd November 1989<br>Revocation Date: 2nd September 2010<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Holly Brook<br><b>Status: Temporary Consents (Water Act 1989, Section 113)</b><br>Positional Accuracy: Located by supplier to within 100m | A12NE (NW)                             | 624                          | 2       | 472700<br>173400 |
| 2      | <b>Discharge Consents</b><br>Operator: British Gas Plc Southern<br>Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY<br>Location: Reading Gasworks Site, Off Kenavon Drive, Reading, Berks<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Given<br>Reference: Ctwc.1648<br>Permit Version: 1<br>Effective Date: 9th June 1987<br>Issued Date: 9th June 1987<br>Revocation Date: 1st October 1996<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Kennet<br><b>Status: Lapsed (under Environment Act 1995, Schedule 23)</b><br>Positional Accuracy: Located by supplier to within 100m         | A18SW (NW)                             | 638                          | 2       | 472970<br>173700 |
| 3      | <b>Discharge Consents</b><br>Operator: Rosehaugh Estates Plc<br>Property Type: Undefined Or Other<br>Location: Riverside Development, Riverside, Kenavon Drive, Reading, Berkshire<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Supplied<br>Reference: Cntw.0948<br>Permit Version: 1<br>Effective Date: 18th February 1991<br>Issued Date: 18th February 1991<br>Revocation Date: 4th December 1992<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Kennet<br><b>Status: Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 10m                                         | A17SE (NW)                             | 646                          | 2       | 472850<br>173630 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 4      | <b>Discharge Consents</b><br>Operator: Southern Gas Board, 164 Above Bar, Southampton<br>Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY<br>Location: Gasholder Station, Earley, Reading, Berks<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Supplied<br>Reference: Ctrc.0985<br>Permit Version: 1<br>Effective Date: 9th December 1968<br>Issued Date: 15th February 1968<br>Revocation Date: 6th June 1991<br>Discharge Type: Unknown<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Kennet<br><b>Status: Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                                    | A18NW (N)                              | 669                          | 2       | 473200<br>173800 |
| 5      | <b>Discharge Consents</b><br>Operator: Environment Agency - Thames Region<br>Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)<br>Location: Blakes Lock House, Blakes Lock, Near Reading, Berkshire<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Supplied<br>Reference: Csm.0035<br>Permit Version: 2<br>Effective Date: 26th May 2006<br>Issued Date: 26th May 2006<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Kennet<br><b>Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 100m | A17SE (NW)                             | 672                          | 2       | 472700<br>173500 |
| 5      | <b>Discharge Consents</b><br>Operator: Environment Agency - Thames Region<br>Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)<br>Location: Blakes Lock House, Blakes Lock, Near Reading, Berkshire<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Given<br>Reference: CSSM.0035<br>Permit Version: 1<br>Effective Date: 26th August 1997<br>Issued Date: 26th August 1997<br>Revocation Date: 25th May 2006<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Kennet<br><b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b><br>Positional Accuracy: Located by supplier to within 100m                            | A17SE (NW)                             | 672                          | 2       | 472700<br>173500 |
| 6      | <b>Discharge Consents</b><br>Operator: British Gas Plc Southern<br>Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY<br>Location: Reading Gasworks Site, Off Kenavon Drive, Reading, Berks<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Given<br>Reference: Ctwc.1649<br>Permit Version: 1<br>Effective Date: 9th June 1987<br>Issued Date: 9th June 1987<br>Revocation Date: 1st October 1996<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Kennet<br><b>Status: Lapsed (under Environment Act 1995, Schedule 23)</b><br>Positional Accuracy: Located by supplier to within 100m                                                                          | A17SW (NW)                             | 803                          | 2       | 472560<br>173520 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 7      | <b>Discharge Consents</b><br>Operator: Thames Water Utilities Ltd<br>Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Suttons Seeds<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Supplied<br>Reference: Temp.2031<br>Permit Version: 2<br>Effective Date: 3rd September 2010<br>Issued Date: 3rd September 2010<br>Revocation Date: 13th October 2015<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Thames<br><b>Status: Surrendered under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                   | A19NW (NE)                             | 874                          | 2       | 473700<br>173900 |
| 7      | <b>Discharge Consents</b><br>Operator: Thames Water Utilities Ltd<br>Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Suttons Seeds<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Supplied<br>Reference: Temp.2031<br>Permit Version: 1<br>Effective Date: 2nd November 1989<br>Issued Date: 2nd November 1989<br>Revocation Date: 2nd September 2010<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Thames<br><b>Status: Temporary Consents (Water Act 1989, Section 113)</b><br>Positional Accuracy: Located by supplier to within 100m                                                              | A19NW (NE)                             | 874                          | 2       | 473700<br>173900 |
| 8      | <b>Discharge Consents</b><br>Operator: Lafarge Redland Aggregates Limited<br>Property Type: MINERAL/GRAVEL EXTRACTION/QUARRYING<br>Location: Redland Aggregates, Henley Road, Dunsden, Reading, Berkshire<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Given<br>Reference: CTWC.3339<br>Permit Version: 1<br>Effective Date: 22nd May 1989<br>Issued Date: 22nd May 1989<br>Revocation Date: 19th October 2001<br>Discharge Type: Trade Discharge - Mineral Workings<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: River Thames<br><b>Status: Revoked (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 100m | A17NE (NW)                             | 939                          | 2       | 472900<br>174000 |
| 9      | <b>Discharge Consents</b><br>Operator: University Of Reading<br>Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE<br>Location: J J Thompson Physical Lab, University Of Reading, Berks<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Given<br>Reference: CTRC.0714<br>Permit Version: 2<br>Effective Date: 7th May 1992<br>Issued Date: 21st July 1964<br>Revocation Date: 23rd December 2015<br>Discharge Type: Trade Discharges - Cooling Water<br>Discharge: Pond - No Outlet<br>Environment:<br>Receiving Water: Whiteknightslake<br><b>Status: Surrendered under EPR 2010</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                 | A8SE (S)                               | 969                          | 2       | 473540<br>172170 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 9      | <b>Discharge Consents</b><br>Operator: University Of Reading<br>Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE<br>Location: J J Thompson Physical Lab, University Of Reading, Berks<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Supplied<br>Reference: Ctr.0714<br>Permit Version: 1<br>Effective Date: 21st July 1964<br>Issued Date: 21st July 1964<br>Revocation Date: 6th May 1992<br>Discharge Type: Trade Discharges - Cooling Water<br>Discharge: Pond/Lake<br>Environment:<br>Receiving Water: Whiteknightslake<br><b>Status:</b> Transferred from Rivers (Prevention of Pollution) Act 1951-1961<br>Positional Accuracy: Located by supplier to within 10m                                                                                        | A8SE (S)                               | 969                          | 2       | 473540<br>172170 |
| 10     | <b>Discharge Consents</b><br>Operator: Standard Life Assurance Co Ltd<br>Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)<br>Location: The Gate House Suttons Business Park Sutton Park Avenue Reading Berks Rg6 1aa<br>Authority: Environment Agency, Thames Region<br>Catchment Area: Not Supplied<br>Reference: Cawm.1080<br>Permit Version: 1<br>Effective Date: 28th February 2005<br>Issued Date: 8th April 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Land/Soakaway<br>Environment:<br>Receiving Water: Land<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Located by supplier to within 10m | A19SE (NE)                             | 981                          | 2       | 474090<br>173700 |
| 11     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Butts Dry Cleaners<br>Location: 225a London Road, Reading, Rg1 3ny<br>Authority: Reading Borough Council, Environmental Health Department<br>Permit Reference: EPA/PAR.B/DC4/P1<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/46 Dry cleaning<br><b>Status:</b> Application Refused Or Cancelled<br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                                                                                                             | A13NW (NW)                             | 119                          | 3       | 473199<br>173234 |
| 12     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: A To Z Cleaners<br>Location: 32 Erleigh Road, Reading, Rg1 5na<br>Authority: Reading Borough Council, Environmental Health Department<br>Permit Reference: EPA/PAR.B/DC8/P2<br>Dated: 1st January 2009<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/46 Dry cleaning<br><b>Status:</b> Permitted<br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                                                                                                                                    | A13SW (SW)                             | 413                          | 3       | 472996<br>172799 |
| 13     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Kings Road Garage<br>Location: 191 Kings Road, Reading, Berkshire, RG1 4EX<br>Authority: Reading Borough Council, Environmental Health Department<br>Permit Reference: Epa/Par.B/45/98<br>Dated: 24th August 1999<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status:</b> Authorisation revoked<br>Positional Accuracy: Automatically positioned to the address                                                                                                                                                                                                                                                                                                          | A12NW (W)                              | 698                          | 3       | 472594<br>173330 |
| 14     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Laundro-Coin<br>Location: 107 Wokingham Road, Reading, Rg6 1lh<br>Authority: Reading Borough Council, Environmental Health Department<br>Permit Reference: EPA/PAR.B/DC20/P2<br>Dated: 1st October 2012<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/46 Dry cleaning<br><b>Status:</b> Permitted<br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                                                                                                                                                   | A9NE (SE)                              | 827                          | 3       | 474008<br>172685 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 14     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Beacon House Cleaners<br>Location: 123 Wokingham Road, Reading, Rg6 1lh<br>Authority: Reading Borough Council, Environmental Health Department<br>Permit Reference: EPA/PAR.B/DC1/P1<br>Dated: 1st September 2007<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/46 Dry cleaning<br><b>Status: Permitted</b><br>Positional Accuracy: Manually positioned to the address or location                                  | A9NE (SE)                              | 873                          | 3       | 474039 172649 |
| 15     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Murco Petroleum Ltd<br>Location: 69 London Road, READING, Berkshire, RG1 5BW<br>Authority: Reading Borough Council, Environmental Health Department<br>Permit Reference: EPA/PAR.B/26/98/P1<br>Dated: 18th May 1999<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br><b>Status: Permitted</b><br>Positional Accuracy: Automatically positioned to the address                  | A12SW (W)                              | 951                          | 3       | 472319 173024 |
| 16     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Wokingham Road Service StationBp Petroleum<br>Location: 131 Wokingham Road, READING, Berkshire, RG6 1LW<br>Authority: Reading Borough Council, Environmental Health Department<br>Permit Reference: Epa/Par.B/33/98<br>Dated: 24th August 1999<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status: Authorised</b><br>Positional Accuracy: Automatically positioned to the address | A9NE (SE)                              | 952                          | 3       | 474087 172577 |
| 16     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Launderette<br>Location: 135 Wokingham Road, Reading, Rg6 1lw<br>Authority: Reading Borough Council, Environmental Health Department<br>Permit Reference: EPA/PAR.B/DC11/P1<br>Dated: 1st September 2007<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/46 Dry cleaning<br><b>Status: Permitted</b><br>Positional Accuracy: Manually positioned to the address or location                                           | A9NE (SE)                              | 970                          | 3       | 474092 172553 |
|        | <b>Nearest Surface Water Feature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A18SW (NW)                             | 603                          | -       | 472963 173657 |
| 17     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Miscellaneous - Other<br>Note: Confirmed incident<br>Incident Date: 23rd April 1999<br>Incident Reference: THWE1999042924<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 10m                    | A13NW (NW)                             | 177                          | 2       | 473100 173200 |
| 18     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 8th March 1993<br>Incident Reference: WE930071<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                  | A13NW (W)                              | 272                          | 2       | 473000 173200 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 19     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 18th December 1991<br>Incident Reference: WE910709<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m       | A13SW (SW)                             | 289                          | 2       | 473000<br>173000 |
| 20     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 7th January 1992<br>Incident Reference: WE920015<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m         | A14SW (E)                              | 415                          | 2       | 473700<br>173000 |
| 20     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 31st January 1992<br>Incident Reference: WE920068<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m        | A14SW (E)                              | 417                          | 2       | 473700<br>172995 |
| 20     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Reading Cholmele<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 27th March 1992<br>Incident Reference: WE920175<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A14SW (E)                              | 420                          | 2       | 473705<br>173000 |
| 20     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 3rd February 1992<br>Incident Reference: WE920077<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m        | A14SW (E)                              | 422                          | 2       | 473705<br>172995 |
| 21     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 28th March 1995<br>Incident Reference: WE950102<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m          | A18SW (NW)                             | 535                          | 2       | 473000<br>173600 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown<br>Note: Not Supplied<br>Incident Date: 16th August 1996<br>Incident Reference: WE960298<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                               | A18SW (NW)                             | 579                          | 2       | 473000 173650 |
| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: Not Supplied<br>Incident Reference: WE910090<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m       | A18SW (NW)                             | 615                          | 2       | 473000 173690 |
| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 28th March 1995<br>Incident Reference: WE950112<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m    | A18SW (NW)                             | 617                          | 2       | 472995 173690 |
| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 29th June 1993<br>Incident Reference: WE930215<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m     | A18SW (NW)                             | 620                          | 2       | 473000 173695 |
| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 14th February 1995<br>Incident Reference: WE950050<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A18SW (NW)                             | 622                          | 2       | 472995 173695 |
| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 9th March 1993<br>Incident Reference: WE930074<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m     | A18SW (NW)                             | 624                          | 2       | 473000 173700 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 8th February 1995<br>Incident Reference: WE950076<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m    | A18SW (NW)                             | 626                          | 2       | 472995 173700 |
| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 18th October 1993<br>Incident Reference: WE930355<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m    | A18SW (NW)                             | 627                          | 2       | 473005 173705 |
| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 14th October 1994<br>Incident Reference: WE940362<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m    | A18SW (NW)                             | 629                          | 2       | 473000 173705 |
| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 15th November 1994<br>Incident Reference: WE940394<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A18SW (NW)                             | 631                          | 2       | 472995 173705 |
| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 11th July 1996<br>Incident Reference: WE960242<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A18SW (NW)                             | 633                          | 2       | 472980 173700 |
| 23     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 9th June 1992<br>Incident Reference: WE920345<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m        | A18SW (N)                              | 586                          | 2       | 473050 173680 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 23     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 14th June 1994<br>Incident Reference: WE940207<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m      | A18SW (NW)                             | 589                          | 2       | 473030 173675 |
| 23     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 6th May 1994<br>Incident Reference: WE940129<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m        | A18SW (NW)                             | 594                          | 2       | 473030 173680 |
| 23     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: General<br>Note: Not Supplied<br>Incident Date: 12th September 1997<br>Incident Reference: THWE1997029802<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                       | A18SW (NW)                             | 613                          | 2       | 473005 173690 |
| 23     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 23rd September 1993<br>Incident Reference: WE930319<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A18SW (NW)                             | 618                          | 2       | 473005 173695 |
| 23     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 28th September 1993<br>Incident Reference: WE930324<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A18SW (NW)                             | 622                          | 2       | 473005 173700 |
| 24     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 31st August 1994<br>Incident Reference: WE940313<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m    | A17SE (NW)                             | 587                          | 2       | 472900 173595 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 24     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 17th July 1993<br>Incident Reference: WE930243<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m      | A17SE (NW)                             | 591                          | 2       | 472900 173600 |
| 25     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 6th January 1990<br>Incident Reference: WE900011<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m    | A17SE (NW)                             | 591                          | 2       | 472800 173500 |
| 25     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 12th July 1994<br>Incident Reference: WE940244<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m      | A17SE (NW)                             | 623                          | 2       | 472800 173550 |
| 26     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Storm Sewage<br>Note: Not Supplied<br>Incident Date: 8th July 1998<br>Incident Reference: THWEI998039865<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                        | A17SE (NW)                             | 654                          | 2       | 472800 173595 |
| 26     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 23rd September 1992<br>Incident Reference: WE920542<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A17SE (NW)                             | 658                          | 2       | 472800 173600 |
| 27     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 20th January 1997<br>Incident Reference: THWEI997031389<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                  | A18SW (NW)                             | 666                          | 2       | 473010 173750 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 28     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown<br>Note: Not Supplied<br>Incident Date: 24th June 1996<br>Incident Reference: WE960204<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                | A17SE (NW)                             | 670                          | 2       | 472700 173495 |
| 28     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 1st March 1990<br>Incident Reference: WE900148<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m    | A17SE (NW)                             | 672                          | 2       | 472700 173500 |
| 29     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 10th May 1995<br>Incident Reference: WE950180<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m     | A18SW (NW)                             | 670                          | 2       | 473000 173750 |
| 29     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 14th April 1995<br>Incident Reference: WE950140<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A18NW (N)                              | 710                          | 2       | 473005 173795 |
| 29     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 21st January 1991<br>Incident Reference: WE910040<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A18NW (NW)                             | 711                          | 2       | 473000 173795 |
| 29     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 9th January 1997<br>Incident Reference: THWE1997031280<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                 | A18NW (N)                              | 714                          | 2       | 473005 173800 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 29     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 24th July 1990<br>Incident Reference: WE900455<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m           | A18NW (N)                              | 716                          | 2       | 473000<br>173800 |
| 30     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Not Given<br>Note: Not Supplied<br>Incident Date: 15th July 1997<br>Incident Reference: THWE1997028630<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                               | A17SE (NW)                             | 673                          | 2       | 472900<br>173700 |
| 31     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown<br>Note: Not Supplied<br>Incident Date: 9th July 1997<br>Incident Reference: THWE1997028768<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m                            | A18NW (N)                              | 679                          | 2       | 473105<br>173795 |
| 31     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 5th November 1994<br>Incident Reference: WE940385<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m        | A18NW (N)                              | 681                          | 2       | 473100<br>173795 |
| 31     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 29th May 1991<br>Incident Reference: WE910296<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m            | A18NW (N)                              | 686                          | 2       | 473100<br>173800 |
| 32     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Miscellaneous - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 18th April 1993<br>Incident Reference: WE930123<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A17SE (NW)                             | 728                          | 2       | 472700<br>173595 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 32     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 22nd May 1991<br>Incident Reference: WE910281<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m               | A17SE (NW)                             | 732                          | 2       | 472700<br>173600 |
| 33     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 27th August 1991<br>Incident Reference: WE910475<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m            | A17SE (NW)                             | 732                          | 2       | 472800<br>173700 |
| 34     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 10th December 1990<br>Incident Reference: WE900672<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m          | A14SE (E)                              | 732                          | 2       | 474000<br>172900 |
| 35     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Chemicals - Unknown<br>Note: Not Supplied<br>Incident Date: 27th June 1997<br>Incident Reference: THWE1997029446<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Unknown                                                   | A17SW (NW)                             | 785                          | 2       | 472570<br>173500 |
| 35     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 9th April 1993<br>Incident Reference: WE930119<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m              | A17SW (NW)                             | 800                          | 2       | 472550<br>173495 |
| 35     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Blakes Lane, READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 6th March 1992<br>Incident Reference: WE920140<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A17SW (NW)                             | 803                          | 2       | 472550<br>173500 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 35     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Miscellaneous - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 16th December 1993<br>Incident Reference: WE930414<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A17SW (NW)                             | 841                          | 2       | 472505 173495 |
| 35     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 28th July 1992<br>Incident Reference: WE920445<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m              | A17SW (NW)                             | 847                          | 2       | 472500 173500 |
| 36     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: EARLEY<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 28th March 1989<br>Incident Reference: WE890151<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m              | A18NE (N)                              | 795                          | 2       | 473500 173895 |
| 37     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 28th October 1991<br>Incident Reference: WE910585<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m           | A18NW (N)                              | 810                          | 2       | 473000 173900 |
| 38     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 21st October 1993<br>Incident Reference: WE930358<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m           | A17SW (NW)                             | 845                          | 2       | 472500 173495 |
| 39     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 13th October 1995<br>Incident Reference: WE950403<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m           | A9SW (SE)                              | 930                          | 2       | 473750 172300 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 40     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 27th April 1994<br>Incident Reference: WE940136<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                            | A17SW (NW)                             | 939                          | 2       | 472400 173500 |
| 41     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: EARLEY<br>Authority: Environment Agency, Thames Region<br>Pollutant: Unknown Sewage<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 29th July 1993<br>Incident Reference: WE930257<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                              | A8SE (S)                               | 974                          | 2       | 473540 172165 |
| 42     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 3rd March 1992<br>Incident Reference: WE920135<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                             | A17SW (W)                              | 981                          | 2       | 472350 173490 |
| 43     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 16th February 1995<br>Incident Reference: WE950058<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                         | A12NW (W)                              | 999                          | 2       | 472300 173395 |
| 43     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: READING<br>Authority: Environment Agency, Thames Region<br>Pollutant: Oils - Unknown<br>Note: Confirmed As A Pollution Incident<br>Incident Date: 6th September 1994<br>Incident Reference: WE940321<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                         | A12NW (W)                              | 1000                         | 2       | 472300 173400 |
| 44     | <b>Registered Radioactive Substances</b><br>Name: University Of Reading<br>Location: Reading, RG6 6AH<br>Authority: Environment Agency, Thames Region<br>Permit Reference: BX6693<br>Dated: 20th October 2004<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation<br><b>Status: Application has been authorised and any conditions apply to the operatorAuthorised</b><br>Positional Accuracy: Automatically positioned to the address | A18SE (N)                              | 582                          | 2       | 473353 173709 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: London Road, Reading, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: BZ9642<br>Dated: 6th September 2006<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation<br><b>Status: Application has been authorised and any conditions apply to the operatorAuthorised</b><br>Positional Accuracy: Automatically positioned to the address   | A12SW (W)                              | 815                          | 2       | 472458 173005 |
| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: London Road, Reading, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: BZ9669<br>Dated: 6th September 2006<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br><b>Status: Application has been authorised and any conditions apply to the operatorAuthorised</b><br>Positional Accuracy: Automatically positioned to the address                                                                                 | A12SW (W)                              | 815                          | 2       | 472458 173005 |
| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: London Road, Reading, Berkshire, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: By1654<br>Dated: 12th October 2004<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address | A12SW (W)                              | 815                          | 2       | 472458 173005 |
| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: London Road, Reading, Berkshire, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: By1638<br>Dated: 12th October 2004<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address                                                                               | A12SW (W)                              | 815                          | 2       | 472458 173005 |
| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: London Road, Reading, Berkshire, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: Bw3605<br>Dated: 1st December 2003<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address                                                                               | A12SW (W)                              | 815                          | 2       | 472458 173005 |
| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: London Road, Reading, Berkshire, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: Bm7898<br>Dated: 16th May 2002<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address                                                                             | A12SW (W)                              | 815                          | 2       | 472458 173005 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: Medical Physics Department, Royal Berkshire Hospital, London Road, Reading, Berkshire, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: BL5687<br>Dated: 24th October 2001<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address | A12SW (W)                              | 815                          | 2       | 472458 173005 |
| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: London Road, Reading, Berkshire, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: AS4885<br>Dated: 24th August 1995<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address                                                                                                                                      | A12SW (W)                              | 815                          | 2       | 472458 173005 |
| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: London Road, Reading, Berkshire, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: AN2528<br>Dated: 17th August 1994<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address                                                                                                                                      | A12SW (W)                              | 815                          | 2       | 472458 173005 |
| 45     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: Medical Physics Department, Royal Berkshire Hospital, London Road, READING, Berkshire, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: AB4362<br>Dated: 1st July 1992<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address                                                                                                            | A12SW (W)                              | 815                          | 2       | 472458 173005 |
| 46     | <b>Registered Radioactive Substances</b><br>Name: University Of Reading<br>Location: PO Box 217, READING, Berkshire, RG6 6AH<br>Authority: Environment Agency, Thames Region<br>Permit Reference: Bw8224<br>Dated: 1st December 2003<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br><b>Status: Application has been authorised and any conditions apply to the operatorAuthorised</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                               | A8SW (S)                               | 821                          | 2       | 473170 172290 |
| 47     | <b>Registered Radioactive Substances</b><br>Name: Royal Berkshire And Battle Hospitals NHS Trust<br>Location: Medical Physics Department, Royal Berkshire Hospital, London Road, READING, Berkshire, RG1 5AN<br>Authority: Environment Agency, Thames Region<br>Permit Reference: AJ2089<br>Dated: 31st March 1991<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Registration under the Act of an open source which is also the subject of an authorisation<br><b>Status: Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Manually positioned to the address or location             | A12SW (W)                              | 861                          | 2       | 472425 172935 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 48     | <b>Registered Radioactive Substances</b><br>Name: University Of Reading<br>Location: London Road, READING, Berkshire, RG1 5AQ<br>Authority: Environment Agency, Thames Region<br>Permit Reference: AD6897<br>Dated: 31st March 1991<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br><b>Status: Authorisation either revoked or cancelledCancelled</b><br>Positional Accuracy: Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A12SW (W)                              | 984                          | 2       | 472305 172905 |
| 48     | <b>Registered Radioactive Substances</b><br>Name: Wyeth Research (uk) Ltd<br>Location: Building L33, University Of Reading, London Road, READING, Berkshire, RG1 5AQ<br>Authority: Environment Agency, Thames Region<br>Permit Reference: AK1304<br>Dated: 1st December 1993<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br><b>Status: Authorisation either revoked or cancelledCancelled</b><br>Positional Accuracy: Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A12SW (W)                              | 990                          | 2       | 472300 172900 |
|        | <b>River Quality</b><br>Name: Kennet<br>GQA Grade: River Quality B<br>Reach: Holy Bk - Thames<br>Estimated Distance (km): 1.3<br>Flow Rate: Flow less than 20 cumecs<br>Flow Type: River<br>Year: 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A18NW (N)                              | 709                          | 2       | 473067 173815 |
|        | <b>River Quality</b><br>Name: Thames<br>GQA Grade: River Quality B<br>Reach: Whitchurch Stw - Kennet<br>Estimated Distance (km): 12.6<br>Flow Rate: Flow less than 40 cumecs<br>Flow Type: River<br>Year: 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A18NW (N)                              | 709                          | 2       | 473067 173815 |
|        | <b>River Quality</b><br>Name: Thames<br>GQA Grade: River Quality A<br>Reach: Kennet - Loddon<br>Estimated Distance (km): 7.9<br>Flow Rate: Flow less than 80 cumecs<br>Flow Type: River<br>Year: 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A18NW (N)                              | 709                          | 2       | 473067 173815 |
| 49     | <b>River Quality Biology Sampling Points</b><br>Name: Thames (W Area)<br>Reach: Kennet To Loddon<br>Estimated Distance: 7.90<br>Positional Accuracy: Located by supplier to within 10m<br>Year: 1990<br>GQA Grade: River Quality Biology GQA Grade A - Very Good<br>Year: 1995<br>GQA Grade: River Quality Biology GQA Grade A - Very Good<br>Year: 2000<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2002<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2003<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2004<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2005<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2006<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2007<br>GQA Grade: River Quality Biology GQA Grade B - Good<br>Year: 2008<br>GQA Grade: River Quality Biology GQA Grade A - Very Good<br>Year: 2009<br>GQA Grade: River Quality Biology GQA Grade A - Very Good | A18NW (N)                              | 763                          | 2       | 473100 173880 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 50     | <b>River Quality Chemistry Sampling Points</b><br>Name: Kennet<br>Reach: Holy Brook To Thames<br>Estimated Distance: 1.30<br>Objective: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m<br>Year: 1990<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 1993<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 1994<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1995<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1996<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 1997<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 1998<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 1999<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2000<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2001<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2002<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2003<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 2004<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 2005<br>GQA Grade: River Quality Chemistry GQA Grade B - Good<br>Compliance: Not Supplied<br>Year: 2006<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2007<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2008<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2009<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied | A18SW (NW)                             | 620                          | 2       | 473015<br>173702 |
| 51     | <b>Water Abstractions</b><br>Operator: M J Gleeson Group Plc<br>Licence Number: 28/39/22/0600<br>Permit Version: 1<br>Location: Former Gasworks, Kenavon Drive, Reading (5 Boreholes)<br>Authority: Environment Agency, Thames Region<br>Abstraction: Environmental: Pump & Treat: Pollution Remediation<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Former Gasworks, Kenavon Drive<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 31st July 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A17SE (NW)                             | 732                          | 2       | 472700<br>173600 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 52     | <b>Water Abstractions</b><br>Operator: University Of Reading<br>Licence Number: 28/39/23/0016<br>Permit Version: 100<br>Location: Reading University Research Site, Reading, - Well 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Schools and Colleges: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 23<br>Yearly Rate (m3): 1<br>Details: Reading University Research, Reading<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st April 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                                   | A18NE (N)                              | 800                          | 2       | 473500<br>173900 |
| 53     | <b>Water Abstractions</b><br>Operator: Wokingham Waterside Centre Ltd<br>Licence Number: 28/39/23/0191<br>Permit Version: 3<br>Location: Borehole At Waterside Centre, Thames Valley Park Road<br>Authority: Environment Agency, Thames Region<br>Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Waterside Centre, Thames Valley Park Road<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st April 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m   | A18NE (N)                              | 856                          | 2       | 473560<br>173940 |
| 53     | <b>Water Abstractions</b><br>Operator: Wokingham Waterside Centre Ltd<br>Licence Number: 28/39/23/0191<br>Permit Version: 2<br>Location: Borehole At Waterside Centre, Thames Valley Park Road<br>Authority: Environment Agency, Thames Region<br>Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Waterside Centre, Thames Valley Park Road<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A18NE (N)                              | 856                          | 2       | 473560<br>173940 |
| 53     | <b>Water Abstractions</b><br>Operator: Wokingham District Council<br>Licence Number: 28/39/23/0191<br>Permit Version: 1<br>Location: Borehole At Waterside Centre, Thames Valley Park Road<br>Authority: Environment Agency, Thames Region<br>Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Waterside Centre, Thames Valley Park Road<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 21st December 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m   | A18NE (N)                              | 856                          | 2       | 473560<br>173940 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 54     | <b>Water Abstractions</b><br>Operator: Royal Berkshire Hospital<br>Licence Number: 28/39/22/0521<br>Permit Version: 100<br>Location: Royal Berkshire Hospital<br>Authority: Environment Agency, Thames Region<br>Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 350<br>Yearly Rate (m3): 127750<br>Details: Royal Berkshire Hospital, Reading<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 17th January 1992<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m     | A12SW (W)                              | 921                          | 2       | 472400<br>172800 |
|        | <b>Water Abstractions</b><br>Operator: Thames Valley Park Manco Ltd<br>Licence Number: 28/39/23/0175<br>Permit Version: 101<br>Location: Thames Valley Park, Reading - Borehole 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Business Parks: Make-Up or Top Up Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 750<br>Yearly Rate (m3): 50000<br>Details: Thames Valley Park, Reading<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st October 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                | A19NE (NE)                             | 1090                         | 2       | 474030<br>173930 |
|        | <b>Water Abstractions</b><br>Operator: Thames Valley Park Manco Ltd<br>Licence Number: 28/39/23/0175<br>Permit Version: 101<br>Location: Thames Valley Park, Reading - Borehole 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Business Parks: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Thames Valley Park, Reading<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st October 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19NE (NE)                             | 1090                         | 2       | 474030<br>173930 |
|        | <b>Water Abstractions</b><br>Operator: Thames Valley Park Ltd<br>Licence Number: 28/39/23/0044<br>Permit Version: Not Supplied<br>Location: Shepherds House Lane, READING, Berkshire<br>Authority: Environment Agency, Thames Region<br>Abstraction: Cooling<br>Abstraction Type: Not Supplied<br>Source: Groundwater<br>Daily Rate (m3): 1136<br>Yearly Rate (m3): 348450<br>Details: Additional Purposes - Staff Welfare (41482) Boiler Feed (24889). Chalk (Undiff); Status: Expired<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m       | A19NE (NE)                             | 1118                         | 2       | 474100<br>173900 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: Thames Valley Park Manco Ltd<br>Licence Number: 28/39/23/0175<br>Permit Version: 101<br>Location: Thames Valley Park, Reading, - Borehole 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Business Parks: Make-Up or Top Up Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Thames Valley Park, Reading<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st October 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                          | A19NE (NE)                             | 1131                         | 2       | 474090 173930 |
|        | <b>Water Abstractions</b><br>Operator: Thames Valley Park Manco Ltd<br>Licence Number: 28/39/23/0175<br>Permit Version: 101<br>Location: Thames Valley Park, Reading, - Borehole 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Business Parks: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Thames Valley Park, Reading<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st October 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                           | A19NE (NE)                             | 1131                         | 2       | 474090 173930 |
|        | <b>Water Abstractions</b><br>Operator: University Of Reading<br>Licence Number: 28/39/22/0077<br>Permit Version: 103<br>Location: Whiteknights Park - Reading - Borehole<br>Authority: Environment Agency, Thames Region<br>Abstraction: Schools And Colleges: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Whiteknights Park - Reading<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 1st April 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m          | A3SW (S)                               | 1424                         | 2       | 473040 171700 |
|        | <b>Water Abstractions</b><br>Operator: University Of Reading<br>Licence Number: 28/39/22/0077<br>Permit Version: 102<br>Location: Whiteknights Park - Reading - Borehole<br>Authority: Environment Agency, Thames Region<br>Abstraction: Schools And Colleges: Drinking; Cooking; Sanitary; Washing; (Small Garden)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Whiteknights Park - Reading<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 4th August 2004<br>Permit End Date: 31st March 2011<br>Positional Accuracy: Located by supplier to within 10m | A3SW (S)                               | 1424                         | 2       | 473040 171700 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: University Of Reading<br>Licence Number: 28/39/22/0077<br>Permit Version: 100<br>Location: Whiteknights Park, Reading<br>Authority: Environment Agency, Thames Region<br>Abstraction: Schools and Colleges: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 1056<br>Yearly Rate (m3): 240000<br>Details: Whiteknight Park, Reading<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 26th April 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                | A3SW (S)                               | 1432                         | 2       | 473000<br>171700 |
|        | <b>Water Abstractions</b><br>Operator: The Reading Sustainability Centre Cic<br>Licence Number: Th/039/0023/022<br>Permit Version: 1<br>Location: River Thames At Caversham Weir<br>Authority: Environment Agency, Thames Region<br>Abstraction: Other Environmental Improvements: Transfer between sources<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 19th February 2016<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m       | A21SE (NW)                             | 1589                         | 2       | 472072<br>174185 |
|        | <b>Water Abstractions</b><br>Operator: Oracle Shopping Centre Ltd<br>Licence Number: 28/39/22/0594<br>Permit Version: 1<br>Location: St.Giles Stream At The Oracle Centre, Reading<br>Authority: Environment Agency, Thames Region<br>Abstraction: Amenity: Lake And Pond Throughflow<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: The Oracle Shopping Centre, Reading<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 16th February 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W)                                    | 1674                         | 2       | 471590<br>173150 |
|        | <b>Water Abstractions</b><br>Operator: Reading Borough Council<br>Licence Number: 28/39/23/0138<br>Permit Version: Not Supplied<br>Location: The Allotments, CAVERSHAM<br>Authority: Environment Agency, Thames Region<br>Abstraction: Agriculture (General)<br>Abstraction Type: Not Supplied<br>Source: Groundwater<br>Daily Rate (m3): 10<br>Yearly Rate (m3): 1818<br>Details: River Gravel; Status: Revoked; Lapsed Or Cancelled<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                                          | A22NE (N)                              | 1700                         | 2       | 472900<br>174795 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: Berendsen Uk Limited<br>Licence Number: 28/39/23/0020<br>Permit Version: 102<br>Location: 72 George Street, Caversham, - Borehole 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Industrial; Commercial And Public Services: Laundry Use<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: 72 George Street, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 12th January 2016<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m               | A21SW (NW)                             | 1861                         | 2       | 471900 174400 |
|        | <b>Water Abstractions</b><br>Operator: White Knight Laundry Services Ltd<br>Licence Number: 28/39/23/0020<br>Permit Version: 101<br>Location: 72 George Street, Caversham, - Borehole 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Industrial; Commercial And Public Services: Laundry Use<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: 72 George Street, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 30th December 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A21SW (NW)                             | 1861                         | 2       | 471900 174400 |
|        | <b>Water Abstractions</b><br>Operator: Reading & Cav'M Laundry Co Ltd<br>Licence Number: 28/39/23/0020<br>Permit Version: 100<br>Location: 72 George Street, Caversham, - Borehole 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Industrial; Commercial And Public Services: Laundry Use<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 300<br>Yearly Rate (m3): 68190<br>Details: 72 George Street, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 9th May 1966<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                          | A21SW (NW)                             | 1861                         | 2       | 471900 174400 |
|        | <b>Water Abstractions</b><br>Operator: Tarmac Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 106<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 26th October 2015<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                           | (N)                                    | 1920                         | 2       | 473830 174970 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Tarmac Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 106<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 26th October 2015<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m              | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 105<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 26th September 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m           | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 105<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 26th September 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 104<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 5th June 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m       | (N)                                    | 1920                         | 2       | 473830<br>174970 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 104<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 5th June 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                     | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 103<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 30th November 2006<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 103<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 30th November 2006<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m           | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 102<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 13th November 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N)                                    | 1920                         | 2       | 473830<br>174970 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 102<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 13th November 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m         | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 101<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 101<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m           | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Redland Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 100<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 2450<br>Yearly Rate (m3): 9000<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st June 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m            | (N)                                    | 1920                         | 2       | 473830<br>174970 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Lafarge Redland Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 100<br>Location: Deans Farm, Caversham, - Gravel Wet Pit, Point 'B'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st June 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N)                                    | 1920                         | 2       | 473830<br>174970 |
|        | <b>Water Abstractions</b><br>Operator: Tarmac Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 106<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 26th October 2015<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m             | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Tarmac Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 106<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 26th October 2015<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m   | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 105<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 26th September 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m          | (N)                                    | 1929                         | 2       | 473830<br>174980 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 105<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 26th September 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 104<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 5th June 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m       | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 104<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 April<br>Authorised End: 31 March<br>Permit Start Date: 5th June 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                 | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 103<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 30th November 2006<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m       | (N)                                    | 1929                         | 2       | 473830<br>174980 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 103<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 30th November 2006<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 102<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 13th November 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 102<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 13th November 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m           | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 101<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m   | (N)                                    | 1929                         | 2       | 473830<br>174980 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Lafarge Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 101<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Redland Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 100<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st June 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Water Abstractions</b><br>Operator: Lafarge Redland Aggregates Limited<br>Licence Number: 28/39/23/0011<br>Permit Version: 100<br>Location: Deans Farm, Caversham, Gravel Wet Pit, Point 'A'<br>Authority: Environment Agency, Thames Region<br>Abstraction: Mineral Products: Mineral Washing<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Deans Farm, Caversham<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st June 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m           | (N)                                    | 1929                         | 2       | 473830<br>174980 |
|        | <b>Groundwater Vulnerability</b><br>Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise<br>Map Sheet: Sheet 39 West London<br>Scale: 1:100,000                                                                                                                                                                                                                                                                                                                                                     | A13NW (E)                              | 0                            | 2       | 473280<br>173120 |
|        | <b>Drift Deposits</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |                              |         |                  |
|        | <b>Bedrock Aquifer Designations</b><br>Aquifer Designation: Principal Aquifer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Superficial Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
| 55     | <b>Source Protection Zones</b><br>Name: Reading University<br>Source: Environment Agency, Head Office<br>Reference: Th200<br>Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A13NW (E)                              | 0                            | 2       | 473280<br>173120 |



| Map ID | Details                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 56     | <b>Source Protection Zones</b><br>Name: Reading University<br>Source: Environment Agency, Head Office<br>Reference: Th200<br>Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source. | A13NW (E)                              | 0                            | 2       | 473280<br>173120 |
| 57     | <b>Source Protection Zones</b><br>Name: Reading University<br>Source: Environment Agency, Head Office<br>Reference: Th200<br>Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.                         | A8SE (S)                               | 975                          | 2       | 473348<br>172132 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>None                                                                                                                                                                                  |                                        |                              |         |                  |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>None                                                                                                                                                                                          |                                        |                              |         |                  |
|        | <b>Areas Benefiting from Flood Defences</b><br>None                                                                                                                                                                                                  |                                        |                              |         |                  |
|        | <b>Flood Water Storage Areas</b><br>None                                                                                                                                                                                                             |                                        |                              |         |                  |
|        | <b>Flood Defences</b><br>None                                                                                                                                                                                                                        |                                        |                              |         |                  |
| 58     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 224.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Kennet<br>Catchment Name: Thames<br>Primacy: 1                    | A18SW (NW)                             | 615                          | 4       | 472958<br>173668 |
| 59     | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 86.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Kennet and Avon Canal<br>Catchment Name: Thames<br>Primacy: 1                   | A17SE (NW)                             | 628                          | 4       | 472820<br>173578 |
| 60     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 109.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Kennet<br>Catchment Name: Thames<br>Primacy: 1                    | A18SW (NW)                             | 628                          | 4       | 473008<br>173707 |
| 61     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 24.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1                     | A18SW (NW)                             | 628                          | 4       | 473008<br>173707 |
| 62     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 394.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Kennet<br>Catchment Name: Thames<br>Primacy: 1                    | A17SE (NW)                             | 631                          | 4       | 472823<br>173584 |
| 63     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 43.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1                           | A18SW (NW)                             | 646                          | 4       | 472988<br>173718 |

| Map ID | Details                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 64     | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 296.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Kennet and Avon Canal<br>Catchment Name: Thames<br>Primacy: 1 | A17SE (NW)                             | 654                          | 4       | 472751<br>173539 |
| 65     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 8.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1     | A18SW (NW)                             | 667                          | 4       | 472945<br>173720 |
| 66     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 33.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1          | A17SE (NW)                             | 672                          | 4       | 472936<br>173721 |
| 67     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 51.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1    | A17SE (NW)                             | 691                          | 4       | 472902<br>173724 |
| 68     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 112.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Kennet<br>Catchment Name: Thames<br>Primacy: 1   | A18NW (N)                              | 699                          | 4       | 473057<br>173802 |
| 69     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 203.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Thames<br>Catchment Name: Thames<br>Primacy: 1   | A18NW (N)                              | 768                          | 4       | 473261<br>173903 |
| 70     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 32.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1    | A18NE (N)                              | 772                          | 4       | 473289<br>173906 |
| 71     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 214.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Thames<br>Catchment Name: Thames<br>Primacy: 1   | A18NE (N)                              | 772                          | 4       | 473289<br>173906 |
| 72     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 560.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Thames<br>Catchment Name: Thames<br>Primacy: 1   | A18NW (N)                              | 795                          | 4       | 473086<br>173909 |



| Map ID | Details                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 73     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 456.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1           | A18NE (N)                              | 804                          | 4       | 473286<br>173938 |
| 74     | <b>OS Water Network Lines</b><br>Watercourse Form: Canal<br>Watercourse Length: 487.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Kennet and Avon Canal<br>Catchment Name: Thames<br>Primacy: 1 | A12NW (W)                              | 842                          | 4       | 472476<br>173432 |
| 75     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 32.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 2    | A12NW (W)                              | 842                          | 4       | 472476<br>173432 |
| 76     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 162.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Kennet<br>Catchment Name: Thames<br>Primacy: 1   | A17SW (NW)                             | 861                          | 4       | 472468<br>173463 |
| 77     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 375.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: River Thames<br>Catchment Name: Thames<br>Primacy: 1   | A18NE (N)                              | 884                          | 4       | 473485<br>173991 |
| 78     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 137.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1   | A14SE (E)                              | 923                          | 4       | 474203<br>172924 |
| 79     | <b>OS Water Network Lines</b><br>Watercourse Form: Lake<br>Watercourse Length: 864.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1           | A18NE (N)                              | 937                          | 4       | 473301<br>174071 |
| 80     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 46.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Thames<br>Primacy: 1    | A9SW (SE)                              | 964                          | 4       | 473841<br>172315 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 81     | <b>Historical Landfill Sites</b><br>Licence Holder: Not Supplied<br>Location: Reading, Berkshire<br>Name: Napier Road<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD13277<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste: Deposited Waste included Inert and Industrial Waste<br>Type:<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 0345/0169<br>BGS Ref: Not Supplied<br>Other Ref: TP0266, RDG3                                                                                                                 | A18NW (N)                              | 759                          | 2       | 473015<br>173851 |
| 82     | <b>Historical Landfill Sites</b><br>Licence Holder: Deans Farm<br>Location: Redlands Pit, Reading, Caversham, Berkshire<br>Name: Deans Farm<br>Operator Location: Howbery Park, Wallingford, Oxfordshire<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD35722<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste: Not Supplied<br>Type:<br>EA Waste Ref: 86148<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: Not Supplied                                                                                                 | A18NW (N)                              | 841                          | 2       | 473271<br>173976 |
| 83     | <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Name: Deans Farm<br>Licence Number: 86148<br>Location: Environment Agency West Area _____, Deans Farm, Redlands Pit, Caversham, Reading, Berkshire, RG4 5JZ<br>Licence Holder: Environment Agency<br>Authority: Environment Agency - Southern Region, Solent and South Downs<br>Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings)<br>Max Input Rate: Not Supplied<br><b>Licence Status: Inactive</b><br>Issued: 1st June 1992<br>Positional Accuracy: Positioned by the supplier<br>Boundary Accuracy: As Supplied | A18NW (N)                              | 841                          | 2       | 473271<br>173976 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Reading Unitary Council<br>- Has supplied landfill data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        | 0                            | 5       | 473280<br>173120 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Wokingham District Council<br>- Has supplied landfill data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        | 492                          | 6       | 473533<br>173556 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Oxfordshire County Council<br>- Has supplied landfill data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        | 768                          | 8       | 473239<br>173902 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: South Oxfordshire District Council<br>- Landfill data has been supplied by another authority                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        | 768                          | 7       | 473239<br>173902 |
| 84     | <b>Local Authority Recorded Landfill Sites</b><br>Location: Napier Road Landfill<br>Reference: Not Supplied<br>Authority: Reading Borough Council, Planning<br><b>Last Reported Status: Unknown</b><br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Applicable                                                                                                                                                                                                                                                      | A17NE (NW)                             | 848                          | 5       | 472900<br>173900 |
| 85     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A13SE (SE)                             | 100                          | -       | 473385<br>173060 |
| 86     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A13SE (SE)                             | 230                          | -       | 473510<br>173020 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 87     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: E<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A14SW (E)                              | 347                          | -       | 473620<br>172980 |
| 88     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: S<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A8NW (S)                               | 375                          | -       | 473197<br>172738 |
| 89     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: N<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A18SE (N)                              | 511                          | -       | 473331<br>173641 |
| 90     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: N<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A18SW (N)                              | 535                          | -       | 473163<br>173660 |
| 91     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: SE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A9NW (SE)                              | 631                          | -       | 473764<br>172685 |
| 92     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: N<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A18NE (N)                              | 705                          | -       | 473295<br>173838 |
| 93     | <b>Potentially Infilled Land (Non-Water)</b><br>Bearing Ref: NE<br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A19NW (NE)                             | 798                          | -       | 473643<br>173845 |
| 94     | <b>Registered Landfill Sites</b><br>Licence Holder: Environment Agency<br>Licence Reference: OCC/106<br>Site Location: Deans Farm, Readlands Gravel Pit, Caversham, Reading, Berkshire, Rg4 5jz<br>Licence Easting: 473100<br>Licence Northing: 174100<br>Operator Location: Isis House, Howbery Park, Wallingford, Oxfordshire, Ox10 8bd<br>Authority: Environment Agency - Thames Region, West Area<br>Site Category: Landfill<br>Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)<br>Waste Source: Waste produced/controlled by licence holder<br>Restrictions:<br>Status: Operational as far as is knownOperational<br>Dated: 1st June 1992<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Solid River Dredgings Comprising Sub/Topsoil, Clay,Sand, Gravel, Silt<br>Prohibited Waste: Poisonous, Noxious, Polluting Wastes<br>Waste N.O.S. | A18NW (N)                              | 979                          | 2       | 473100<br>174100 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 95     | <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Name: Transco Plc<br>Location: London Road, READING, Berkshire, RG6 1AZ<br>Reference: Not Supplied<br>Type: Upper Tier<br><b>Status:</b> Record Ceased To Be Supplied Under COMAH Regulations<br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                               | A18SW (N)                              | 628                          | 9       | 473267 173762 |
| 96     | <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Name: Southern Gas Networks Plc<br>Location: Reading Holder Station, Kenavon Drive, Reading, Berkshire, Rg1 3DH<br>Reference: Not Supplied<br>Type: Upper Tier<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                     | A17SE (NW)                             | 662                          | 9       | 472892 173682 |
| 96     | <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Name: Transco Plc<br>Location: Reading Holder Station, Kenavon Drive, Reading, Berkshire, RG1 3DH<br>Reference: 1021948<br>Type: Lower Tier<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned to the address or location                                                                                                                                                                                                        | A17SE (NW)                             | 672                          | 9       | 472880 173686 |
| 97     | <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Name: Transco Plc<br>Location: Kenavon Drive, READING, RG1 3DJ<br>Reference: 1021523<br>Type: Upper Tier<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                                                                                                                                                                                                                  | A17SE (NW)                             | 793                          | 9       | 472697 173688 |
| 98     | <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Name: British Gas TransCo<br>Location: Reading Holder Station (4&5 Sites), Gas Works Road ; Kennet Mouth, London Road, READING, Berkshire, RG1 3DJ<br><b>Status:</b> Not Active<br>Positional Accuracy: Automatically positioned to the address                                                                                                                                                                                | A17SE (NW)                             | 786                          | 9       | 472702 173683 |
| 99     | <b>Planning Hazardous Substance Consents</b><br>Name: British Gas Plc<br>Location: Kenavon Drive, Reading, Rg1 3dj<br>Authority: Reading Borough Council, Planning<br>Application Ref: 99/00038/HAZARD<br>Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)<br>Maximum Quantity: 0<br>Application date: 15th December 1998<br><b>Decision:</b> Deemed Consent Granted<br>Positional Accuracy: Manually positioned to the address or location | A17SE (NW)                             | 659                          | 5       | 472895 173680 |
| 99     | <b>Planning Hazardous Substance Consents</b><br>Name: British Gas Plc<br>Location: Kenavon Drive, Reading, Rg1 3dj<br>Authority: Reading Borough Council, Planning<br>Application Ref: 92/00884/HAZARD<br>Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)<br>Maximum Quantity: 0<br>Application date: 12th November 1992<br><b>Decision:</b> Deemed Consent Granted<br>Positional Accuracy: Manually positioned to the address or location | A17SE (NW)                             | 659                          | 5       | 472895 173680 |
| 99     | <b>Planning Hazardous Substance Consents</b><br>Name: British Gas Plc<br>Location: Kenavon Drive, Reading, Rg1 3dj<br>Authority: Reading Borough Council, Planning<br>Application Ref: 00/01175/HAZARD<br>Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)<br>Maximum Quantity: 0<br>Application date: 8th September 2000<br><b>Decision:</b> Withdrawn<br>Positional Accuracy: Manually positioned to the address or location              | A17SE (NW)                             | 663                          | 5       | 472895 173685 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 100    | <b>Planning Hazardous Substance Consents</b><br>Name: Royal Berkshire Nhs Foundation Trust<br>Location: Royal Berkshire Hospital, London Road, Reading, Rg1 5an<br>Authority: Reading Borough Council, Planning<br>Application Ref: 11/01974/HAZARD<br>Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not)<br>Maximum Quantity: 0<br>Application date: 21st December 2011<br><b>Decision: Withdrawn</b><br>Positional Accuracy: Manually positioned to the address or location | A12SW (SW)                             | 839                          | 5       | 472494 172784 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Lambeth Group                                                                                                                                                                                                                                                                                                                                                                                                               | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg                                                                                                                                 | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg                                                                                                                                     | A18SE (N)                              | 545                          | 1       | 473368<br>173669 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg                                                                                                                                     | A8NW (SW)                              | 687                          | 1       | 473000<br>172477 |
| 101    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Wokingham Road Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234946<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m | A13SE (SE)                             | 98                           | 1       | 473382<br>173059 |
| 102    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Wokingham Road Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234947<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m | A13SE (SE)                             | 227                          | 1       | 473507<br>173019 |
| 103    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Wokingham Road Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234948<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m | A13SE (SE)                             | 346                          | 1       | 473618<br>172976 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 104    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Reading School Gravel Pit<br>Location: Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234944<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m                            | A8NW (S)                               | 372                          | 1       | 473188<br>172744 |
| 105    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Reading School Gravel Pit<br>Location: Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234945<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m                            | A8NW (SW)                              | 384                          | 1       | 473115<br>172757 |
| 106    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Palmer Park Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234949<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m                     | A14SW (E)                              | 427                          | 1       | 473714<br>173008 |
| 107    | <b>BGS Recorded Mineral Sites</b><br>Site Name: New Town Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 36349<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: Kempton Park Gravel Formation<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m          | A18SE (N)                              | 503                          | 1       | 473320<br>173634 |
| 108    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Palmer Park Denehole<br>Location: Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 220852<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Cretaceous<br>Geology: White Chalk Subgroup<br>Commodity: Chalk<br>Positional Accuracy: Located by supplier to within 100m                                 | A14NW (E)                              | 507                          | 1       | 473800<br>173200 |
| 109    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Cholmelly Road Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234950<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary, Devensian<br>Geology: Kempton Park Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m | A18SW (N)                              | 536                          | 1       | 473159<br>173660 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 110    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234943<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m      | A9NW (SE)                              | 712                          | 1       | 473737<br>172551 |
| 111    | <b>BGS Recorded Mineral Sites</b><br>Site Name: New Town Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 36347<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: Kempston Park Gravel Formation<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m | A18NE (N)                              | 751                          | 1       | 473414<br>173870 |
| 112    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 36345<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Palaeocene<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m     | A9NW (SE)                              | 752                          | 1       | 473825<br>172575 |
| 113    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234942<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m      | A9NW (SE)                              | 796                          | 1       | 473787<br>172483 |
| 114    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234940<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m      | A9NW (SE)                              | 817                          | 1       | 473878<br>172536 |
| 115    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234939<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m      | A9NW (SE)                              | 828                          | 1       | 473847<br>172491 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 116    | <b>BGS Recorded Mineral Sites</b><br>Site Name: New Town Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 36348<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: Kempton Park Gravel Formation<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE)                             | 850                          | 1       | 473680<br>173884 |
| 117    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234941<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m     | A9SW (SE)                              | 868                          | 1       | 473816<br>172415 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>No data available                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |                              |         |                  |
|        | <b>BGS Urban Soil Chemistry Averages</b><br>No data available                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |                              |         |                  |
|        | <b>Coal Mining Affected Areas</b><br>In an area that might not be affected by coal mining                                                                                                                                                                                                                                                                                                                                                                                              |                                        |                              |         |                  |
|        | <b>Man-Made Mining Cavities</b><br>Easting: 473800<br>Northing: 173200<br>Distance: 507<br>Quadrant Reference: A14<br>Quadrant Reference: NW<br>Bearing Ref: E<br>Cavity Type: Multiple Chalk Bell Pit Workings<br>Commodity: Chalk<br>Solid Geology Detail: Lambeth Group, Upper Chalk Formation<br>Superficial Geology: Taplow Gravel<br>Detail:                                                                                                                                     | A14NW (E)                              | 507                          | 10      | 473800<br>173200 |
|        | <b>Man-Made Mining Cavities</b><br>Easting: 473900<br>Northing: 172600<br>Distance: 789<br>Quadrant Reference: A9<br>Quadrant Reference: NW<br>Bearing Ref: SE<br>Cavity Type: Historical Brick and Works-Potential Chalk Mining<br>Commodity: Chalk<br>Solid Geology Detail: Chalk Group, Lambeth Group<br>Superficial Geology: Worked Ground<br>Detail:                                                                                                                              | A9NW (SE)                              | 789                          | 10      | 473900<br>172600 |
|        | <b>Natural Cavities</b><br>Easting: 473400<br>Northing: 173100<br>Distance: 101<br>Quadrant Reference: A13<br>Quadrant Reference: SE<br>Bearing Ref: E<br>Cavity Type: Sinkhole x 1<br>Solid Geology Detail: Chalk Group<br>Superficial Geology: Taplow Gravel<br>Detail:                                                                                                                                                                                                              | A13SE (E)                              | 101                          | 10      | 473400<br>173100 |

| Map ID | Details                                                                                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Natural Cavities</b><br>Easting: 473100<br>Northing: 173000<br>Distance: 200<br>Quadrant Reference: A13<br>Quadrant Reference: SW<br>Bearing Ref: SW<br>Cavity Type: Sinkhole x 1<br>Solid Geology Detail: Chalk Group, Lambeth Group<br>Superficial Geology: Taplow Gravel<br>Detail:  | A13SW (SW)                             | 200                          | 10      | 473100<br>173000 |
|        | <b>Natural Cavities</b><br>Easting: 473600<br>Northing: 172900<br>Distance: 368<br>Quadrant Reference: A13<br>Quadrant Reference: SE<br>Bearing Ref: SE<br>Cavity Type: Solution Pipe<br>Solid Geology Detail: Chalk Group, Lambeth Group<br>Superficial Geology: Taplow Gravel<br>Detail: | A13SE (SE)                             | 368                          | 10      | 473600<br>172900 |
|        | <b>Natural Cavities</b><br>Easting: 472900<br>Northing: 173200<br>Distance: 370<br>Quadrant Reference: A12<br>Quadrant Reference: NE<br>Bearing Ref: W<br>Cavity Type: Solution Pipe x 3<br>Solid Geology Detail: Chalk Group<br>Superficial Geology: Taplow Gravel<br>Detail:             | A12NE (W)                              | 370                          | 10      | 472900<br>173200 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                       | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Unlikely<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                              | A13SE (S)                              | 29                           | 1       | 473291<br>173077 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                      | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                    | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: High<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                          | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                           | A13SE (S)                              | 29                           | 1       | 473291<br>173077 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                     | A13SE (S)                              | 62                           | 1       | 473305<br>173046 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                           | A13NW (N)                              | 89                           | 1       | 473275<br>173224 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                        | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                     | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                      | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                       | A13SE (S)                              | 29                           | 1       | 473291<br>173077 |



| Map ID | Details                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service                     | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |

| Map ID | Details                                                                                                                                                                                                                                                                                  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 118    | <b>Contemporary Trade Directory Entries</b><br>Name: Ilir Skura<br>Location: 28, Wokingham Road, Reading, RG6 1JQ<br>Classification: Garage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                          | A13NW (NW)                             | 0                            | -       | 473270 173124 |
| 118    | <b>Contemporary Trade Directory Entries</b><br>Name: Warm Interiors<br>Location: 22, Wokingham Road, Reading, RG6 1JQ<br>Classification: Fireplaces & Mantelpieces<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                              | A13NW (NW)                             | 22                           | -       | 473243 173137 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: Pile Mower Services<br>Location: 32, Wokingham Road, Reading, RG6 1JH<br>Classification: Lawnmowers & Garden Machinery - Sales & Service<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A13SE (E)                              | 94                           | -       | 473393 173096 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: Magat Health Solution Ltd<br>Location: 34a, Wokingham Road, Reading, RG6 1JH<br>Classification: Catering Equipment<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                         | A13SE (E)                              | 102                          | -       | 473398 173086 |
| 120    | <b>Contemporary Trade Directory Entries</b><br>Name: Mavisat Ltd<br>Location: 2-4, Wokingham Road, Reading, Berkshire, RG6 1JG<br>Classification: Telecommunications Equipment & Systems<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address      | A13NW (W)                              | 101                          | -       | 473165 173153 |
| 121    | <b>Contemporary Trade Directory Entries</b><br>Name: Reading Cemetery<br>Location: London Rd, Reading, Berkshire, RG1 5BJ<br>Classification: Cemeteries & Crematoria<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                   | A13NE (NE)                             | 118                          | -       | 473374 173212 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: Butts<br>Location: 225a, London Road, Reading, RG1 3NY<br>Classification: Dry Cleaners<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                   | A13NW (NW)                             | 119                          | -       | 473200 173235 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: A & A Transmission<br>Location: 229 London Rd, Reading, Berkshire, RG1 3NY<br>Classification: Garage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                     | A13NW (NW)                             | 122                          | -       | 473210 173244 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: F A Auto Engineering<br>Location: 229, London Road, Reading, RG1 3NY<br>Classification: Garage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                  | A13NW (NW)                             | 123                          | -       | 473210 173245 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: A4 Scooter Store<br>Location: 237, London Road, Reading, RG1 3NY<br>Classification: Motor Cycle Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                  | A13NW (N)                              | 125                          | -       | 473247 173258 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: Reality<br>Location: 237, London Road, Reading, Berkshire, RG1 3NY<br>Classification: Garage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                             | A13NW (N)                              | 125                          | -       | 473247 173258 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: Reading Stained Glass Ltd<br>Location: 213, London Road, Reading, RG1 3NY<br>Classification: Stained Glass Designers & Producers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address           | A13NW (NW)                             | 134                          | -       | 473166 173225 |



| Map ID | Details                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: C R Autos<br>Location: B, 2, Amity Road, Reading, RG1 3LJ<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                   | A13NW (N)                              | 160                          | -       | 473225<br>173290 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: Wexham Developments 93<br>Location: C, 2, Amity Road, Reading, Berkshire, RG1 3LJ<br>Classification: Testing, Inspection & Calibration Equipment Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A13NW (N)                              | 160                          | -       | 473225<br>173290 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: W Franks<br>Location: C, 2, Amity Road, Reading, Berkshire, RG1 3LJ<br>Classification: Precision Engineers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                     | A13NW (N)                              | 160                          | -       | 473225<br>173290 |
| 123    | <b>Contemporary Trade Directory Entries</b><br>Name: Kennet Joinery Ltd<br>Location: 2a, Cumberland Road, Reading, RG1 3LB<br>Classification: Joinery Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                 | A13NW (NW)                             | 156                          | -       | 473159<br>173249 |
| 124    | <b>Contemporary Trade Directory Entries</b><br>Name: Swatchtime Fabrics<br>Location: 189a, London Road, Reading, RG1 3NU<br>Classification: Textile Manufacturing<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                            | A13NW (NW)                             | 189                          | -       | 473090<br>173206 |
| 125    | <b>Contemporary Trade Directory Entries</b><br>Name: Berkshire Joinery Co Ltd<br>Location: 1, Wokingham Road, Reading, RG6 1LE<br>Classification: Joinery Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                             | A13SE (E)                              | 198                          | -       | 473498<br>173094 |
| 126    | <b>Contemporary Trade Directory Entries</b><br>Name: Highgrove Heating<br>Location: 46, Hamilton Road, Reading, RG1 5RD<br>Classification: Boilers - Servicing, Replacements & Repairs<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                | A13SE (SE)                             | 198                          | -       | 473374<br>172929 |
| 127    | <b>Contemporary Trade Directory Entries</b><br>Name: Abc Office Furniture<br>Location: 162, London Road, Reading, RG1 3PA<br>Classification: Office Furniture & Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                           | A13NE (NE)                             | 282                          | -       | 473492<br>173327 |
| 128    | <b>Contemporary Trade Directory Entries</b><br>Name: Mirek Azentis<br>Location: 320, Kings Road, Reading, Berkshire, RG1 4JG<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                        | A13NW (W)                              | 315                          | -       | 472953<br>173185 |
| 129    | <b>Contemporary Trade Directory Entries</b><br>Name: Mem Saab World Of Fabric<br>Location: 89, Erleigh Road, Reading, RG1 5NN<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                 | A8NW (S)                               | 350                          | -       | 473273<br>172754 |
| 130    | <b>Contemporary Trade Directory Entries</b><br>Name: Donnington Cars<br>Location: 37, Erleigh Road, Reading, RG1 5NB<br>Classification: Car Dealers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                   | A13SW (SW)                             | 370                          | -       | 473016<br>172839 |
| 130    | <b>Contemporary Trade Directory Entries</b><br>Name: A To Z<br>Location: 32, Erleigh Road, Reading, RG1 5NA<br>Classification: Dry Cleaners<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                           | A13SW (SW)                             | 415                          | -       | 472995<br>172797 |

| Map ID | Details                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 130    | <b>Contemporary Trade Directory Entries</b><br>Name: A-Z Dry Cleaners<br>Location: 32, Erleigh Road, READING, RG1 5NA<br>Classification: Dry Cleaners<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                        | A13SW (SW)                             | 415                          | -       | 472995 172797 |
| 131    | <b>Contemporary Trade Directory Entries</b><br>Name: Ebumblebee Store Uk<br>Location: 18, Manchester Road, Reading, RG1 3QN<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address           | A13NE (NE)                             | 384                          | -       | 473497 173452 |
| 132    | <b>Contemporary Trade Directory Entries</b><br>Name: Exquisite Carpet Cleaning<br>Location: 71, Norton Road, Reading, RG1 3QH<br>Classification: Carpet, Curtain & Upholstery Cleaners<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                       | A18SE (N)                              | 400                          | -       | 473377 173519 |
| 132    | <b>Contemporary Trade Directory Entries</b><br>Name: Cheapest Rubbish Removals<br>Location: 71, Norton Road, Reading, RG1 3QH<br>Classification: Rubbish Clearance<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                           | A18SE (N)                              | 400                          | -       | 473377 173519 |
| 133    | <b>Contemporary Trade Directory Entries</b><br>Name: Aider Cleaning Services<br>Location: 35, Manchester Road, Reading, RG1 3QE<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                | A18SE (NE)                             | 403                          | -       | 473449 173499 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: The Launderette<br>Location: 28, Erleigh Road, Reading, RG1 5NA<br>Classification: Laundries & Launderettes<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                             | A13SW (SW)                             | 427                          | -       | 472980 172795 |
| 135    | <b>Contemporary Trade Directory Entries</b><br>Name: Helm Office Interiors Ltd<br>Location: Hatherley Rd, Reading, Berkshire, RG1 5QA<br>Classification: Office Furniture & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location | A8NW (SW)                              | 450                          | -       | 473072 172704 |
| 135    | <b>Contemporary Trade Directory Entries</b><br>Name: Wyeth Motorcycles<br>Location: 36a, Hatherley Road, Reading, RG1 5QA<br>Classification: Motor Cycle Breakers & Dismantlers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                | A8NW (SW)                              | 458                          | -       | 473060 172702 |
| 136    | <b>Contemporary Trade Directory Entries</b><br>Name: Fourthtrack Systems<br>Location: 107, Cumberland Road, Reading, RG1 3JY<br>Classification: Electronic Equipment - Manufacturers & Assemblers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address            | A18SW (NW)                             | 473                          | -       | 472976 173509 |
| 137    | <b>Contemporary Trade Directory Entries</b><br>Name: A1 Domestic Appliance Repairs<br>Location: 63, Liverpool Road, Reading, RG1 3PN<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address     | A18SW (N)                              | 476                          | -       | 473274 173610 |
| 138    | <b>Contemporary Trade Directory Entries</b><br>Name: Multicolour Development<br>Location: 67a, Foxhill Road, READING, RG1 5QR<br>Classification: Printers - Glass, Metal, Plastics Etc.<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                        | A8NW (S)                               | 555                          | -       | 473276 172549 |
| 139    | <b>Contemporary Trade Directory Entries</b><br>Name: A Bit Of Spit And Polish<br>Location: 10, Culver Road, Reading, RG6 1QA<br>Classification: Cleaning Services - Domestic<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                 | A14SW (SE)                             | 561                          | -       | 473788 172835 |



| Map ID | Details                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 140    | <b>Contemporary Trade Directory Entries</b><br>Name: Maple Tree Clinic<br>Location: Unit 6 & 7 ,Centurion Court,64 London Rd, Reading, Berkshire, RG1 5AS<br>Classification: Hospitals<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                              | A12SE (W)                              | 571                          | -       | 472698 173052 |
| 141    | <b>Contemporary Trade Directory Entries</b><br>Name: Industrial Products & Supplies Ltd<br>Location: Unit 41, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Builders' Merchants<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address   | A19SW (NE)                             | 574                          | -       | 473700 173531 |
| 141    | <b>Contemporary Trade Directory Entries</b><br>Name: Clyde & Forth Press<br>Location: Unit 41, Suttons Business Pk, Suttons Pk Av, Earley, Reading, Berkshire, RG6 1AA<br>Classification: Distribution Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location     | A19SW (NE)                             | 580                          | -       | 473701 173539 |
| 141    | <b>Contemporary Trade Directory Entries</b><br>Name: Industrial Product & Supplies<br>Location: Unit 41, Suttons Business Park, Sutton Park Avenue, Earley, READING, RG6 1AZ<br>Classification: Distribution Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address      | A19SW (NE)                             | 583                          | -       | 473705 173539 |
| 141    | <b>Contemporary Trade Directory Entries</b><br>Name: Industrial Products & Supplies Ltd<br>Location: Unit 41, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Engineering Materials<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE)                             | 583                          | -       | 473705 173539 |
| 141    | <b>Contemporary Trade Directory Entries</b><br>Name: Tuthill Controls Ltd<br>Location: Unit 41, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Bearing Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address               | A19SW (NE)                             | 583                          | -       | 473705 173539 |
| 142    | <b>Contemporary Trade Directory Entries</b><br>Name: National Centre For Biotechnology Education<br>Location: 2 Earley Gate, Reading, Berkshire, RG6 6AU<br>Classification: Laboratories<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality                      | A18SE (N)                              | 581                          | -       | 473353 173709 |
| 143    | <b>Contemporary Trade Directory Entries</b><br>Name: Berkshire Recovery & Breakdown<br>Location: 7, Florence Walk, Reading, RG1 3HH<br>Classification: Car Breakdown & Recovery Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                     | A12NE (NW)                             | 581                          | -       | 472772 173444 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: M R Lijinsky<br>Location: 11, Montague Street, Reading, RG1 4JH<br>Classification: French Polishing<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                                   | A12NE (W)                              | 588                          | -       | 472679 173195 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Kwon Services Ltd<br>Location: 258b-260, Kings Road, Reading, Berkshire, RG1 4HP<br>Classification: Cleaning Materials & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                             | A12NE (W)                              | 593                          | -       | 472678 173224 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Kwon Services Ltd<br>Location: 258b-260, Kings Road, Reading, Berkshire, RG1 4HP<br>Classification: Commercial Cleaning Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the address or location                               | A12NE (W)                              | 593                          | -       | 472678 173224 |

| Map ID | Details                                                                                                                                                                                                                                                                                                   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Lighting Services Inc<br>Location: Market Analysis Ltd, Berkshire House, 252-256, Kings Road, Reading, RG1 4HP<br>Classification: Lighting Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address  | A12NE (W)                              | 620                          | -       | 472651 173225 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: A B L Systems Ltd<br>Location: Berkshire House, 252-256, Kings Road, Reading, RG1 4HP<br>Classification: Cash Registers & Check-Out Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address             | A12NE (W)                              | 620                          | -       | 472651 173225 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Tyco Products Ltd<br>Location: 252-256, Kings Road, Reading, Berkshire, RG1 4HP<br>Classification: Electronic Component Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address      | A12NE (W)                              | 620                          | -       | 472651 173225 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Adabra Ltd<br>Location: 252-256, Kings Road, Reading, RG1 4HP<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                      | A12NE (W)                              | 620                          | -       | 472651 173225 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Wessington Ltd<br>Location: 252-256, Kings Road, Reading, RG1 4HP<br>Classification: Chemicals - Distributors & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                               | A12NE (W)                              | 620                          | -       | 472651 173225 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Aci<br>Location: 252-256, Kings Road, Reading, RG1 4HP<br>Classification: Freight Forwarders<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                              | A12NE (W)                              | 620                          | -       | 472651 173225 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Nec Tokin (Europe)<br>Location: 252-256 Kings Rd, Reading, Berkshire, RG1 4HP<br>Classification: Electronic Component Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A12NE (W)                              | 621                          | -       | 472650 173224 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Lighting Services Inc<br>Location: 252-256 Kings Rd, Reading, Berkshire, RG1 4HP<br>Classification: Lighting Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                         | A12NE (W)                              | 621                          | -       | 472650 173224 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Lawrence C J Ltd<br>Location: 27, Eldon Terrace, Reading, Berkshire, RG1 4DX<br>Classification: Waste Disposal Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                   | A12NE (W)                              | 627                          | -       | 472639 173179 |
| 145    | <b>Contemporary Trade Directory Entries</b><br>Name: Masters Bookbinding<br>Location: Unit 40, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Bookbinding & Equipment<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address    | A19SW (NE)                             | 598                          | -       | 473726 173540 |
| 145    | <b>Contemporary Trade Directory Entries</b><br>Name: Mollart Universal Joints<br>Location: 37, Suttons Business Park, Sutton Park Avenue, Reading, RG6 1HF<br>Classification: Engineering Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address             | A19SW (NE)                             | 613                          | -       | 473776 173505 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                       | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 145    | <b>Contemporary Trade Directory Entries</b><br>Name: I T W Buildex<br>Location: 37, Suttons Business Park, Sutton Park Avenue, Reading, RG6 1HF<br>Classification: Fasteners & Fixing Devices<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                      | A19SW (NE)                             | 613                          | -       | 473776<br>173505 |
| 145    | <b>Contemporary Trade Directory Entries</b><br>Name: Polycro Ltd<br>Location: Unit 38/39, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Builders' Merchants<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                               | A19SW (NE)                             | 621                          | -       | 473761<br>173535 |
| 145    | <b>Contemporary Trade Directory Entries</b><br>Name: Rhl<br>Location: Unit 39, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Ventilators & Ventilation Systems<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                            | A19SW (NE)                             | 621                          | -       | 473761<br>173535 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Graphic Printing Technologies Ltd<br>Location: Unit 15, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Printing Equipment Manufacturers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address | A18SE (N)                              | 619                          | -       | 473468<br>173721 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Pretty Green<br>Location: Unit 16, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Distribution Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                 | A18SE (N)                              | 628                          | -       | 473493<br>173722 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Rentokil Initial<br>Location: Unit 17, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Commercial Cleaning Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                    | A18SE (N)                              | 642                          | -       | 473505<br>173732 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Initial<br>Location: Unit 17, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Commercial Cleaning Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                             | A18SE (N)                              | 642                          | -       | 473505<br>173732 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Rentokil Pest Control<br>Location: Unit 17, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Pest & Vermin Control<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                      | A18SE (N)                              | 642                          | -       | 473505<br>173732 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Access Ltd<br>Location: Unit 18-20, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Computer Manufacturers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                               | A18SE (NE)                             | 648                          | -       | 473548<br>173723 |
| 147    | <b>Contemporary Trade Directory Entries</b><br>Name: Snap-On Equipment Ltd<br>Location: Unit 48, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Garage Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                           | A19SW (NE)                             | 645                          | -       | 473686<br>173638 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 148    | <b>Contemporary Trade Directory Entries</b><br>Name: Select Technology Ltd<br>Location: Unit 1, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Photocopiers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                         | A18SE (N)                              | 649                          | -       | 473393 173771 |
| 149    | <b>Contemporary Trade Directory Entries</b><br>Name: Cosmic Drifters<br>Location: 92, Bulmershe Road, Reading, RG1 5RL<br>Classification: Clothing & Fabrics - Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                                  | A9NW (SE)                              | 652                          | -       | 473660 172570 |
| 150    | <b>Contemporary Trade Directory Entries</b><br>Name: Pencor Ltd<br>Location: Unit 4, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Oil & Gas Exploration Supplies & Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                       | A18SE (N)                              | 666                          | -       | 473454 173774 |
| 151    | <b>Contemporary Trade Directory Entries</b><br>Name: Alexander Services<br>Location: A, 43, Wokingham Road, Reading, RG6 1LG<br>Classification: Ironing & Home Laundry Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                             | A14SW (SE)                             | 668                          | -       | 473896 172811 |
| 152    | <b>Contemporary Trade Directory Entries</b><br>Name: A W Mobile Servicing<br>Location: Flat 29, Queens Lawns, 48, Alexandra Road, Reading, RG1 5PR<br>Classification: Garage Services<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                         | A7NE (SW)                              | 685                          | -       | 472936 172510 |
| 153    | <b>Contemporary Trade Directory Entries</b><br>Name: Changing Horizons Associates Ltd<br>Location: 27, Eldon Square, Reading, RG1 4DP<br>Classification: Musical Instrument - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                 | A12SW (W)                              | 687                          | -       | 472577 173115 |
| 154    | <b>Contemporary Trade Directory Entries</b><br>Name: A E Petsche Co<br>Location: Unit 37 Suttons Business Park, Suttonpark Avenue, Earley, Reading, Berkshire, RG6 1AZ<br>Classification: Distribution Services<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned within the geographical locality                  | A19SW (NE)                             | 692                          | -       | 473655 173716 |
| 154    | <b>Contemporary Trade Directory Entries</b><br>Name: A E Petsche<br>Location: Unit 37, Suttons Business Pk, Sutton Pk Av, Earley, Reading, Berkshire, RG6 1AZ<br>Classification: Distribution Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality                         | A19SW (NE)                             | 692                          | -       | 473655 173716 |
| 154    | <b>Contemporary Trade Directory Entries</b><br>Name: Rentokil Property Care<br>Location: Suttons Business Park, Sutton Park Avenue, Earley, Reading, Berkshire, RG6 1AZ<br>Classification: Damp & Dry Rot Control<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned within the geographical locality                | A19SW (NE)                             | 692                          | -       | 473655 173716 |
| 154    | <b>Contemporary Trade Directory Entries</b><br>Name: Ridgeway Systems & Software Ltd<br>Location: Unit 66/67, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Telecommunications Equipment & Systems<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A19SW (NE)                             | 702                          | -       | 473645 173734 |
| 155    | <b>Contemporary Trade Directory Entries</b><br>Name: Purco Print<br>Location: 7, Upper Redlands Road, Reading, RG1 5JJ<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                                          | A8SE (S)                               | 698                          | -       | 473380 172413 |



| Map ID | Details                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 156    | <b>Contemporary Trade Directory Entries</b><br>Name: L J P Carpentry<br>Location: 21, Eldon Street, Reading, RG1 4EA<br>Classification: Cabinet Makers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                            | A12NW (W)                              | 701                          | -       | 472565 173187 |
| 156    | <b>Contemporary Trade Directory Entries</b><br>Name: L J Pullen<br>Location: 21, Eldon Street, Reading, RG1 4EA<br>Classification: Cabinet Makers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                 | A12NW (W)                              | 701                          | -       | 472565 173187 |
| 157    | <b>Contemporary Trade Directory Entries</b><br>Name: Access Telecom<br>Location: 187-189, Kings Road, Reading, Berkshire, RG1 4EX<br>Classification: Telecommunications Equipment & Systems<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                | A12NW (W)                              | 710                          | -       | 472573 173296 |
| 157    | <b>Contemporary Trade Directory Entries</b><br>Name: Logoplast Uk Ltd<br>Location: 187-189, Kings Road, Reading, Berkshire, RG1 4EX<br>Classification: Plastic Products - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                    | A12NW (W)                              | 710                          | -       | 472573 173296 |
| 157    | <b>Contemporary Trade Directory Entries</b><br>Name: Impact Solutions Group Ltd<br>Location: 181-183, Kings Road, Reading, Berkshire, RG1 4EX<br>Classification: Oil & Gas Exploration Supplies & Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A12NW (W)                              | 758                          | -       | 472525 173301 |
| 157    | <b>Contemporary Trade Directory Entries</b><br>Name: Impact Solutions Group<br>Location: 181-183, Kings Road, Reading, Berkshire, RG1 4EX<br>Classification: Oil & Gas Exploration Supplies & Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location     | A12NW (W)                              | 758                          | -       | 472525 173301 |
| 158    | <b>Contemporary Trade Directory Entries</b><br>Name: Camhs Children & Adolescence Mental Health Services<br>Location: 3-5, Craven Road, Reading, RG1 5LF<br>Classification: Hospitals<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                             | A12SW (W)                              | 734                          | -       | 472561 172913 |
| 159    | <b>Contemporary Trade Directory Entries</b><br>Name: Purco Print<br>Location: Unit 4-5, Barnat Works, 1A Upper Redlands Rd, Reading, Berkshire, RG1 5JJ<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality                  | A8SE (S)                               | 737                          | -       | 473406 172378 |
| 159    | <b>Contemporary Trade Directory Entries</b><br>Name: Printmagic<br>Location: 1a, Upper Redlands Road, Reading, RG1 5JJ<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                | A8SE (S)                               | 754                          | -       | 473393 172358 |
| 160    | <b>Contemporary Trade Directory Entries</b><br>Name: Inxpress<br>Location: 91, Wokingham Road, Reading, RG6 1LH<br>Classification: Freight Forwarders<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                                               | A9NE (SE)                              | 789                          | -       | 473979 172712 |
| 160    | <b>Contemporary Trade Directory Entries</b><br>Name: Wokingham Tools<br>Location: 97-99, Wokingham Road, READING, RG6 1LH<br>Classification: Tool Sharpening, Repairing & Servicing<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                 | A9NE (SE)                              | 802                          | -       | 473988 172702 |
| 161    | <b>Contemporary Trade Directory Entries</b><br>Name: Royal Berkshire Hospital<br>Location: London Road, Reading, RG1 5AN<br>Classification: Hospitals<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                             | A12SW (W)                              | 815                          | -       | 472458 173005 |

| Map ID | Details                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 161    | <b>Contemporary Trade Directory Entries</b><br>Name: Berkshire Private X-Rays<br>Location: London Road, Reading, RG1 5AN<br>Classification: Radiographic Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                | A12SW (W)                              | 815                          | -       | 472458 173005 |
| 161    | <b>Contemporary Trade Directory Entries</b><br>Name: Royal Berkshire & Battle Hospitals Nhs Trust<br>Location: London Road, Reading, RG1 5AN<br>Classification: Hospitals<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                        | A12SW (W)                              | 815                          | -       | 472458 173005 |
| 161    | <b>Contemporary Trade Directory Entries</b><br>Name: The Royal Berkshire Hospital<br>Location: London Road, Reading, RG1 5AN<br>Classification: Hospitals<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                                        | A12SW (W)                              | 815                          | -       | 472458 173005 |
| 162    | <b>Contemporary Trade Directory Entries</b><br>Name: Worldwide Communications<br>Location: 103, Wokingham Road, Reading, Berkshire, RG6 1LH<br>Classification: Telecommunications Equipment & Systems<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address            | A9NE (SE)                              | 815                          | -       | 473998 172692 |
| 162    | <b>Contemporary Trade Directory Entries</b><br>Name: Laundro-Coin<br>Location: 107, Wokingham Road, Reading, RG6 1LH<br>Classification: Dry Cleaners<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                               | A9NE (SE)                              | 828                          | -       | 474009 172686 |
| 162    | <b>Contemporary Trade Directory Entries</b><br>Name: Wokingham Road Motors<br>Location: 1, Pitcroft Avenue, Reading, RG6 1NH<br>Classification: Garage Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                    | A9NE (SE)                              | 854                          | -       | 474038 172683 |
| 162    | <b>Contemporary Trade Directory Entries</b><br>Name: Beacon House Cleaners<br>Location: 123, Wokingham Road, Reading, RG6 1LH<br>Classification: Dry Cleaners<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                                      | A9NE (SE)                              | 872                          | -       | 474040 172652 |
| 163    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap Yard In Reading Htt<br>Location: Unit Lb Kenavon Drive, Reading, Berkshire, rg1 3dh<br>Classification: Car Breakers & Dismantlers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned within the geographical locality        | A17SW (NW)                             | 843                          | -       | 472536 173559 |
| 164    | <b>Contemporary Trade Directory Entries</b><br>Name: Brakes Logistics<br>Location: Unit 24, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Distribution Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address           | A19SW (NE)                             | 845                          | -       | 473950 173659 |
| 165    | <b>Contemporary Trade Directory Entries</b><br>Name: Berkshire Valet Supplies<br>Location: B, 190, Kings Road, Reading, RG1 4NH<br>Classification: Janitorial Equipment - Servicing & Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                    | A12NW (W)                              | 878                          | -       | 472396 173265 |
| 166    | <b>Contemporary Trade Directory Entries</b><br>Name: A P Screenprinters Ltd<br>Location: Unit 33, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Screen Process Printers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A19SW (NE)                             | 880                          | -       | 473886 173777 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 166    | <b>Contemporary Trade Directory Entries</b><br>Name: Sorodo Ltd<br>Location: Unit 33, Suttons Business Park, Sutton Park Avenue, Earley, Reading, Berkshire, RG6 1AZ<br>Classification: Print Finishers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                 | A19SW (NE)                             | 880                          | -       | 473886 173777 |
| 167    | <b>Contemporary Trade Directory Entries</b><br>Name: Fereday & Pocock<br>Location: 3, Princes Street, Reading, RG1 4EG<br>Classification: Blinds, Awnings & Canopies<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                    | A12NW (W)                              | 885                          | -       | 472378 173144 |
| 168    | <b>Contemporary Trade Directory Entries</b><br>Name: My Home Services Ltd<br>Location: Unit F7 ,University Of Reading, Reading, Berkshire, RG6 6AT<br>Classification: Carpet, Curtain & Upholstery Cleaners<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality                | A8SW (S)                               | 896                          | -       | 473236 172209 |
| 169    | <b>Contemporary Trade Directory Entries</b><br>Name: Kodak Processing<br>Location: Kenavon Drive, Reading, RG1 3HT<br>Classification: Photographic Processors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                           | A17SW (NW)                             | 900                          | -       | 472491 173595 |
| 169    | <b>Contemporary Trade Directory Entries</b><br>Name: Northern Freight Services Ltd<br>Location: Kenavon Drive, Reading, RG1 3HT<br>Classification: Road Haulage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                | A17SW (NW)                             | 900                          | -       | 472491 173595 |
| 170    | <b>Contemporary Trade Directory Entries</b><br>Name: Firstklean<br>Location: 10, Milton Road, Earley, Reading, RG6 1EL<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                                  | A14NE (E)                              | 920                          | -       | 474215 173212 |
| 171    | <b>Contemporary Trade Directory Entries</b><br>Name: Scrap My Car Now For Money Reading Kws<br>Location: 60, The Meridian, Kenavon Drive, READING, RG1 3DQ<br>Classification: Car Breakers & Dismantlers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                | A17SW (NW)                             | 931                          | -       | 472421 173528 |
| 172    | <b>Contemporary Trade Directory Entries</b><br>Name: Spick N Span<br>Location: Flat 12, Thames House, Regis Park Road, Reading, RG6 7AF<br>Classification: Cleaning Services - Domestic<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                 | A9NE (SE)                              | 934                          | -       | 473960 172453 |
| 173    | <b>Contemporary Trade Directory Entries</b><br>Name: Kimberlite Glass<br>Location: 2, Brighton Road, Reading, RG6 1PS<br>Classification: Boilers - Servicing, Replacements & Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                                    | A9NE (SE)                              | 946                          | -       | 474118 172638 |
| 174    | <b>Contemporary Trade Directory Entries</b><br>Name: Moog<br>Location: Unit 30, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AW<br>Classification: Electronic Component Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                | A19SE (NE)                             | 946                          | -       | 473985 173772 |
| 174    | <b>Contemporary Trade Directory Entries</b><br>Name: Moog Components Ltd<br>Location: Unit 30, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AW<br>Classification: Electronic Component Manufacturers & Distributors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A19SE (NE)                             | 946                          | -       | 473985 173772 |

| Map ID | Details                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 175    | <b>Contemporary Trade Directory Entries</b><br>Name: B P Service Station<br>Location: 69, London Road, Reading, RG1 5BW<br>Classification: Petrol Filling Stations<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                    | A12SW (W)                              | 951                          | -       | 472319 173024 |
| 176    | <b>Contemporary Trade Directory Entries</b><br>Name: Fifth Gear Industries Ltd<br>Location: 131, Wokingham Road, Reading, RG6 1LW<br>Classification: Car Dealers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                      | A9NE (SE)                              | 952                          | -       | 474087 172577 |
| 176    | <b>Contemporary Trade Directory Entries</b><br>Name: Bp Service Stations<br>Location: 131, Wokingham Road, Reading, RG6 1LW<br>Classification: Petrol Filling Stations - 24 Hour<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                    | A9NE (SE)                              | 952                          | -       | 474087 172577 |
| 177    | <b>Contemporary Trade Directory Entries</b><br>Name: Q Tek Tyre Centre<br>Location: A, 4, Kennet Street, Reading, RG1 4AA<br>Classification: Tyre Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                           | A12NW (W)                              | 952                          | -       | 472329 173310 |
| 178    | <b>Contemporary Trade Directory Entries</b><br>Name: Oven Glow Reading<br>Location: 65, Watlington Street, Reading, RG1 4RQ<br>Classification: Oven cleaning<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                        | A12NW (W)                              | 958                          | -       | 472306 173135 |
| 179    | <b>Contemporary Trade Directory Entries</b><br>Name: Rockwell Collins<br>Location: Unit 68, Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Classification: Aviation Engineers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address | A19SE (NE)                             | 964                          | -       | 474109 173641 |
| 180    | <b>Contemporary Trade Directory Entries</b><br>Name: Pride Of Place<br>Location: 100, Queens Road, Reading, RG1 4DG<br>Classification: Cleaning Services - Domestic<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                 | A12NW (W)                              | 974                          | -       | 472297 173253 |
| 180    | <b>Contemporary Trade Directory Entries</b><br>Name: All In One Windows & Conservatories<br>Location: 96a, Queens Road, Reading, RG1 4DG<br>Classification: Window Frame Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address              | A12NW (W)                              | 981                          | -       | 472290 173248 |
| 181    | <b>Contemporary Trade Directory Entries</b><br>Name: N & P Mobile Repairs<br>Location: 47, Wykeham Road, Reading, RG6 1PR<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                        | A14SE (E)                              | 988                          | -       | 474246 172828 |
| 182    | <b>Contemporary Trade Directory Entries</b><br>Name: The Laundrette<br>Location: Wokingham Rd, Reading, Berkshire, RG6 1LW<br>Classification: Dry Cleaners<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                   | A9NE (SE)                              | 988                          | -       | 474082 172509 |
| 183    | <b>Fuel Station Entries</b><br>Name: Kings Road Filling Station<br>Location: 191, Kings Road, READING, Berkshire, RG1 4JL<br>Brand: Obsolete<br>Premises Type: Not Applicable<br><b>Status: Obsolete</b><br>Positional Accuracy: Manually positioned to the address or location                | A12NW (W)                              | 689                          | -       | 472591 173280 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 184    | <b>Fuel Station Entries</b><br>Name: Reading Service Station<br>Location: 69, London Road, Reading, RG1 5BW<br>Brand: Bp<br>Premises Type: Petrol Station<br><b>Status: Open</b><br>Positional Accuracy: Automatically positioned to the address                                                                       | A12SW (W)                              | 951                          | -       | 472319<br>173024 |
| 185    | <b>Points of Interest - Commercial Services</b><br>Name: Reality Shock Autos<br>Location: 223b London Road, Reading, RG1 3NY<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                          | A13NW (NW)                             | 120                          | 11      | 473195<br>173233 |
| 185    | <b>Points of Interest - Commercial Services</b><br>Name: Reality Shock Autos<br>Location: 223 London Road, Reading, RG1 3NY<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                           | A13NW (NW)                             | 120                          | 11      | 473195<br>173233 |
| 185    | <b>Points of Interest - Commercial Services</b><br>Name: Reality<br>Location: 237 London Road, Reading, RG1 3NY<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                                       | A13NW (N)                              | 125                          | 11      | 473247<br>173258 |
| 186    | <b>Points of Interest - Commercial Services</b><br>Name: A M 9<br>Location: 261 London Road, Reading, RG1 3NY<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                                         | A13NE (N)                              | 177                          | 11      | 473320<br>173303 |
| 187    | <b>Points of Interest - Commercial Services</b><br>Name: Newton Motor Spares<br>Location: 14 Manchester Road, Reading, RG1 3QN<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                        | A13NE (NE)                             | 378                          | 11      | 473499<br>173443 |
| 188    | <b>Points of Interest - Commercial Services</b><br>Name: Wyeth Motorcycles<br>Location: 36 Hatherley Road, Reading, RG1 5QA<br>Category: Recycling Services<br>Class Code: Scrap Metal Merchants<br>Positional Accuracy: Positioned to address or location                                                             | A8NW (SW)                              | 458                          | 11      | 473059<br>172702 |
| 188    | <b>Points of Interest - Commercial Services</b><br>Name: J W Wyeth Motorcycles<br>Location: 36a Hatherley Road, Reading, RG1 5QA<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                      | A8NW (SW)                              | 458                          | 11      | 473060<br>172702 |
| 189    | <b>Points of Interest - Commercial Services</b><br>Name: Core Global Logistics<br>Location: Unit 47 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A19SW (NE)                             | 576                          | 11      | 473656<br>173574 |
| 189    | <b>Points of Interest - Commercial Services</b><br>Name: Snap on Equipment Ltd<br>Location: 48 Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                           | A19SW (NE)                             | 645                          | 11      | 473686<br>173638 |
| 190    | <b>Points of Interest - Commercial Services</b><br>Name: FPS Ltd<br>Location: Unit 54 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location               | A18SE (NE)                             | 577                          | 11      | 473554<br>173641 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 191    | <b>Points of Interest - Commercial Services</b><br>Name: Berkshire Recovery & Breakdown<br>Location: 7 Florence Walk, Reading, RG1 3HH<br>Category: Recycling Services<br>Class Code: Scrap Metal Merchants<br>Positional Accuracy: Positioned to address or location                                                                              | A12NE (NW)                             | 581                          | 11      | 472772 173443 |
| 192    | <b>Points of Interest - Commercial Services</b><br>Name: Clyde & Forth Press<br>Location: East Reading Delivery Office Unit 61 Suttons Business Park, Suttons Park Avenue, Earley, Reading, RG6 1AA<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A18SE (N)                              | 582                          | 11      | 473353 173709 |
| 192    | <b>Points of Interest - Commercial Services</b><br>Name: Clyde & Forth Press<br>Location: East Reading Delivery Office Unit 61 Suttons Business Park, Suttons Park Avenue, Earley, Reading, RG6 1AA<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A18SE (N)                              | 582                          | 11      | 473353 173709 |
| 193    | <b>Points of Interest - Commercial Services</b><br>Name: A W Mobile Servicing<br>Location: Flat 29 Queens Lawns 48, Alexandra Road, Reading, RG1 5PR<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                              | A7NE (SW)                              | 686                          | 11      | 472935 172510 |
| 194    | <b>Points of Interest - Commercial Services</b><br>Name: Q Tek Car Cleaning Centre<br>Location: 14 Eldon Terrace, Reading, RG1 4DX<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                                                | A12NW (W)                              | 743                          | 11      | 472521 173163 |
| 195    | <b>Points of Interest - Commercial Services</b><br>Name: Brakes Logistics<br>Location: Unit 24 Suttons Business Park, Sutton Park Avenue, Earley, Reading, RG6 1AZ<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                                  | A19SW (NE)                             | 775                          | 11      | 473935 173561 |
| 196    | <b>Points of Interest - Commercial Services</b><br>Name: Inxpress<br>Location: 91 Wokingham Road, Reading, RG6 1LH<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location                                                                                  | A9NE (SE)                              | 789                          | 11      | 473979 172712 |
| 196    | <b>Points of Interest - Commercial Services</b><br>Name: Wokingham Road Motors<br>Location: 1 Pitcroft Avenue, Reading, RG6 1NH<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                                                   | A9NE (SE)                              | 853                          | 11      | 474037 172683 |
| 196    | <b>Points of Interest - Commercial Services</b><br>Name: Wokingham Road Motors<br>Location: 1 Pitcroft Avenue, Reading, RG6 1NH<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                                                   | A9NE (SE)                              | 854                          | 11      | 474038 172683 |
| 197    | <b>Points of Interest - Commercial Services</b><br>Name: Car Wash<br>Location: 69 London Road, Reading, RG1 5BW<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location                                                                              | A12SW (W)                              | 951                          | 11      | 472319 173024 |
| 197    | <b>Points of Interest - Commercial Services</b><br>Name: Reading Service Station<br>Location: 69 London Road, Reading, RG1 5BW<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location                                                               | A12SW (W)                              | 952                          | 11      | 472318 173024 |



| Map ID | Details                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 198    | <b>Points of Interest - Commercial Services</b><br>Name: Pit Stop<br>Location: 131 Wokingham Road, Reading, RG6 1LW<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                    | A9NE (SE)                              | 952                          | 11      | 474087 172577 |
| 199    | <b>Points of Interest - Commercial Services</b><br>Name: Car Cleaning Centre<br>Location: 4 Kennet Street, Reading, RG1 4AA<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location                       | A12NW (W)                              | 952                          | 11      | 472329 173310 |
| 200    | <b>Points of Interest - Education and Health</b><br>Name: BUPA Wellness Clinic<br>Location: Centurion Court 64, London Road, Reading, RG1 5AS<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location                   | A12SE (W)                              | 571                          | 11      | 472698 173052 |
| 200    | <b>Points of Interest - Education and Health</b><br>Name: Maple Tree Clinic<br>Location: Unit 6 & 7, Centurion Court, 64 London Rd, Reading, Berkshire, RG1 5AS<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location | A12SE (W)                              | 571                          | 11      | 472698 173052 |
| 201    | <b>Points of Interest - Education and Health</b><br>Name: Royal Berkshire Hospital<br>Location: London Road, Reading, RG1 5AN<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location                                   | A12SW (W)                              | 815                          | 11      | 472458 173005 |
| 201    | <b>Points of Interest - Education and Health</b><br>Name: Royal Berkshire Hospital<br>Location: London Road, Reading, RG1 5AN<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location                                   | A12SW (W)                              | 815                          | 11      | 472458 173005 |
| 201    | <b>Points of Interest - Education and Health</b><br>Name: Royal Berkshire Hospital<br>Location: London Road, Reading, RG1 5AN<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location                                   | A12SW (W)                              | 815                          | 11      | 472458 173005 |
| 201    | <b>Points of Interest - Education and Health</b><br>Name: Royal Berkshire Hospital<br>Location: London Road, Reading, RG1 5AN<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location                                   | A12SW (W)                              | 815                          | 11      | 472458 173005 |
| 201    | <b>Points of Interest - Education and Health</b><br>Name: Royal Berkshire Hospital<br>Location: London Road, Reading, RG1 5AN<br>Category: Health Practitioners and Establishments<br>Class Code: Hospitals<br>Positional Accuracy: Positioned to address or location                                   | A12SW (W)                              | 815                          | 11      | 472458 173005 |
| 202    | <b>Points of Interest - Education and Health</b><br>Name: Royal Berkshire Hospital<br>Location: London Road, Reading, RG1 5AN<br>Category: Health Practitioners and Establishments<br>Class Code: Accident & Emergency Department<br>Positional Accuracy: Positioned to address or location             | A7NW (SW)                              | 823                          | 11      | 472520 172765 |
| 203    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                                  | A8NE (S)                               | 431                          | 11      | 473310 172674 |
| 204    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: RG1<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                                           | A18SW (NW)                             | 576                          | 11      | 472968 173628 |

| Map ID | Details                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 205    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: RG6<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                          | A18SE (N)                              | 577                          | 11      | 473310<br>173710 |
| 206    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Barnat Works<br>Location: RG1<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                                   | A8SE (S)                               | 738                          | 11      | 473393<br>172375 |
| 207    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: RG6<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                          | A18NE (N)                              | 843                          | 11      | 473547<br>173931 |
| 208    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: RG1<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                          | A17SW (NW)                             | 854                          | 11      | 472495<br>173506 |
| 208    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: RG1<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                          | A17SW (NW)                             | 898                          | 11      | 472440<br>173491 |
| 208    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tanks<br>Location: RG1<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                         | A17SW (NW)                             | 917                          | 11      | 472430<br>173515 |
| 209    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: RG1<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                          | A17SW (NW)                             | 860                          | 11      | 472513<br>173553 |
| 210    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: RG1<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                                          | A17SW (NW)                             | 955                          | 11      | 472493<br>173697 |
| 211    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cemetery<br>Location: RG1<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location                                         | A13NE (NE)                             | 108                          | 11      | 473367<br>173206 |
| 212    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cemetery<br>Location: RG1<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location                                         | A13NE (E)                              | 222                          | 11      | 473512<br>173179 |
| 212    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cemetery<br>Location: Not Supplied<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location                                | A13NE (E)                              | 230                          | 11      | 473520<br>173180 |
| 213    | <b>Points of Interest - Public Infrastructure</b><br>Name: C J Lawrence Ltd<br>Location: 27 Eldon Terrace, Reading, RG1 4DX<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to address or location | A12NE (W)                              | 627                          | 11      | 472638<br>173179 |



| Map ID | Details                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 214    | <b>Points of Interest - Public Infrastructure</b><br>Name: Weir<br>Location: RG1<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                    | A17SW (NW)                             | 788                          | 11      | 472549 173465 |
| 214    | <b>Points of Interest - Public Infrastructure</b><br>Name: Sluices<br>Location: RG1<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                 | A17SW (NW)                             | 831                          | 11      | 472505 173471 |
| 215    | <b>Points of Interest - Public Infrastructure</b><br>Name: Outfall<br>Location: RG1<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to an adjacent address or location          | A18NE (N)                              | 828                          | 11      | 473447 173942 |
| 216    | <b>Points of Interest - Public Infrastructure</b><br>Name: Reading Murco Service Station<br>Location: 69 London Road, Reading, RG1 5BW<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location | A12SW (W)                              | 951                          | 11      | 472319 173024 |
| 216    | <b>Points of Interest - Public Infrastructure</b><br>Name: Reading Service Station<br>Location: 69 London Road, Reading, RG1 5BW<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location       | A12SW (W)                              | 951                          | 11      | 472319 173024 |
| 216    | <b>Points of Interest - Public Infrastructure</b><br>Name: BP Service Station<br>Location: 69 London Road, Reading, RG1 5BW<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location            | A12SW (W)                              | 952                          | 11      | 472318 173024 |
| 217    | <b>Points of Interest - Public Infrastructure</b><br>Name: Outfall<br>Location: RG1<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to an adjacent address or location          | A17NE (N)                              | 951                          | 11      | 472911 174017 |
| 218    | <b>Points of Interest - Public Infrastructure</b><br>Name: BP Service Stations<br>Location: 131 Wokingham Road, Reading, RG6 1LW<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location       | A9NE (SE)                              | 952                          | 11      | 474087 172577 |
| 219    | <b>Points of Interest - Public Infrastructure</b><br>Name: Sluice<br>Location: RG6<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location                                                  | A9SW (SE)                              | 960                          | 11      | 473816 172304 |
| 220    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Wokingham Road, RG6<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location                                      | A14SW (E)                              | 416                          | 11      | 473710 173039 |
| 220    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                                 | A14SW (E)                              | 421                          | 11      | 473715 173039 |
| 221    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Haywood Court, RG1<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                           | A14NW (NE)                             | 423                          | 11      | 473655 173346 |

| Map ID | Details                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 221    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location    | A14NW (NE)                             | 432                          | 11      | 473665 173347 |
| 222    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location    | A17SE (NW)                             | 615                          | 11      | 472796 173533 |
| 222    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Lock Place, RG1<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A17SE (NW)                             | 615                          | 11      | 472796 173533 |
| 223    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Anglers Way, RG1<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location             | A17SE (NW)                             | 687                          | 11      | 472658 173458 |
| 223    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location     | A17SE (NW)                             | 688                          | 11      | 472657 173458 |
| 224    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Play Area<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location     | A12NW (W)                              | 937                          | 11      | 472358 173371 |



| Map ID | Details                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 225    | <b>Nitrate Vulnerable Zones</b><br>Name: Sheeplands<br>Description: Groundwater<br>Source: Environment Agency, Head Office                            | A18NE (N)                              | 743                          | 13      | 473309 173876 |
| 226    | <b>Nitrate Vulnerable Zones</b><br>Name: Thames Wallingford To Caversham Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office | A18NW (N)                              | 754                          | 13      | 473053 173859 |

| Agency & Hydrological                                                                                                                                                                                                                                                                                                                 | Version                                                      | Update Cycle                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Contaminated Land Register Entries and Notices</b><br>Reading Borough Council - Environmental Health Department<br>Wokingham District Council - Environmental Health Department<br>South Oxfordshire District Council - Environmental Health Department<br>West Berkshire Council - Environmental Health Department                | April 2014<br>February 2013<br>January 2015<br>November 2014 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - Thames Region                                                                                                                                                                                                                                                                       | October 2017                                                 | Quarterly                                                                                        |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - Thames Region                                                                                                                                                                                                                                                      | March 2013                                                   | As notified                                                                                      |
| <b>Integrated Pollution Controls</b><br>Environment Agency - Thames Region                                                                                                                                                                                                                                                            | October 2008                                                 | Not Applicable                                                                                   |
| <b>Integrated Pollution Prevention And Control</b><br>Environment Agency - South East Region - West Thames Area<br>Environment Agency - Thames Region                                                                                                                                                                                 | October 2017<br>October 2017                                 | Quarterly<br>Quarterly                                                                           |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>South Oxfordshire District Council - Environmental Health Department<br>Wokingham District Council - Environmental Health Department<br>West Berkshire Council - Environmental Health Department<br>Reading Borough Council - Environmental Health Department   | June 2014<br>June 2014<br>June 2015<br>October 2014          | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Controls</b><br>South Oxfordshire District Council - Environmental Health Department<br>Wokingham District Council - Environmental Health Department<br>West Berkshire Council - Environmental Health Department<br>Reading Borough Council - Environmental Health Department             | June 2014<br>June 2014<br>June 2015<br>October 2014          | Annual Rolling Update<br>Annual Rolling Update<br>Bi-Annually<br>Annual Rolling Update           |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>South Oxfordshire District Council - Environmental Health Department<br>Wokingham District Council - Environmental Health Department<br>West Berkshire Council - Environmental Health Department<br>Reading Borough Council - Environmental Health Department | June 2014<br>June 2014<br>June 2015<br>October 2014          | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey                                                                                                                                                                                                                                                                               | September 2017                                               |                                                                                                  |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - Thames Region                                                                                                                                                                                                                                                 | September 1999                                               | Not Applicable                                                                                   |
| <b>Prosecutions Relating to Authorised Processes</b><br>Environment Agency - Thames Region                                                                                                                                                                                                                                            | March 2013                                                   | As notified                                                                                      |
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - Thames Region                                                                                                                                                                                                                                               | March 2013                                                   | As notified                                                                                      |
| <b>Registered Radioactive Substances</b><br>Environment Agency - Thames Region                                                                                                                                                                                                                                                        | January 2015                                                 |                                                                                                  |
| <b>River Quality</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                                              | November 2001                                                | Not Applicable                                                                                   |
| <b>River Quality Biology Sampling Points</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                      | July 2012                                                    | Annually                                                                                         |
| <b>River Quality Chemistry Sampling Points</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                    | July 2012                                                    | Annually                                                                                         |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency - South East Region - West Thames Area<br>Environment Agency - Thames Region - South East Area<br>Environment Agency - Thames Region - West Area                                                                                                               | October 2017<br>October 2017<br>October 2017                 | Quarterly<br>Quarterly<br>Quarterly                                                              |
| <b>Water Abstractions</b><br>Environment Agency - Thames Region                                                                                                                                                                                                                                                                       | October 2017                                                 | Quarterly                                                                                        |



| Agency & Hydrological                                                                                                 | Version       | Update Cycle   |
|-----------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| <b>Water Industry Act Referrals</b><br>Environment Agency - Thames Region                                             | October 2017  | Quarterly      |
| <b>Groundwater Vulnerability</b><br>Environment Agency - Head Office                                                  | April 2015    | Not Applicable |
| <b>Drift Deposits</b><br>Environment Agency - Head Office                                                             | January 1999  | Not Applicable |
| <b>Bedrock Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service            | August 2015   | As notified    |
| <b>Superficial Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service        | August 2015   | As notified    |
| <b>Source Protection Zones</b><br>Environment Agency - Head Office                                                    | October 2017  | Quarterly      |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                       | November 2017 | Quarterly      |
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                               | November 2017 | Quarterly      |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office                                       | November 2017 | Quarterly      |
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office                                                  | November 2017 | Quarterly      |
| <b>Flood Defences</b><br>Environment Agency - Head Office                                                             | November 2017 | Quarterly      |
| <b>OS Water Network Lines</b><br>Ordnance Survey                                                                      | October 2017  | Quarterly      |
| <b>Surface Water 1 in 30 year Flood Extent</b><br>Environment Agency - Head Office                                    | October 2013  | As notified    |
| <b>Surface Water 1 in 100 year Flood Extent</b><br>Environment Agency - Head Office                                   | October 2013  | As notified    |
| <b>Surface Water 1 in 1000 year Flood Extent</b><br>Environment Agency - Head Office                                  | October 2013  | As notified    |
| <b>Surface Water Suitability</b><br>Environment Agency - Head Office                                                  | October 2013  | As notified    |
| <b>BGS Groundwater Flooding Susceptibility</b><br>British Geological Survey - National Geoscience Information Service | May 2013      | As notified    |

| Waste                                                                                                                                                                                                                                                                                                                  | Version                                                      | Update Cycle                                                                           |
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| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                                                                              | June 1996                                                    | Not Applicable                                                                         |
| <b>Historical Landfill Sites</b><br>Environment Agency - Head Office                                                                                                                                                                                                                                                   | October 2017                                                 | Quarterly                                                                              |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - Thames Region                                                                                                                                                                                                                       | October 2008                                                 | Not Applicable                                                                         |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - South East Region - West Thames Area<br>Environment Agency - Southern Region - Solent and South Downs<br>Environment Agency - Thames Region - South East Area<br>Environment Agency - Thames Region - West Area              | October 2017<br>October 2017<br>October 2017<br>October 2017 | Quarterly<br>Quarterly<br>Quarterly<br>Quarterly                                       |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - South East Region - West Thames Area<br>Environment Agency - Thames Region - South East Area<br>Environment Agency - Thames Region - West Area                                                                                         | October 2017<br>October 2017<br>October 2017                 | Quarterly<br>Quarterly<br>Quarterly                                                    |
| <b>Local Authority Landfill Coverage</b><br>Oxfordshire County Council<br>Reading Borough Council - Planning<br>South Oxfordshire District Council - Environmental Health Department<br>West Berkshire Council - Environmental Health Department<br>Wokingham District Council - Environmental Health Department       | May 2000<br>May 2000<br>May 2000<br>May 2000<br>May 2000     | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Local Authority Recorded Landfill Sites</b><br>Oxfordshire County Council<br>Reading Borough Council - Planning<br>South Oxfordshire District Council - Environmental Health Department<br>West Berkshire Council - Environmental Health Department<br>Wokingham District Council - Environmental Health Department | May 2000<br>May 2000<br>May 2000<br>May 2000<br>October 2005 | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Potentially Infilled Land (Non-Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                                                                     | December 1999                                                | Not Applicable                                                                         |
| <b>Potentially Infilled Land (Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                                                                         | December 1999                                                | Not Applicable                                                                         |
| <b>Registered Landfill Sites</b><br>Environment Agency - Thames Region - South East Area<br>Environment Agency - Thames Region - West Area                                                                                                                                                                             | March 2003<br>March 2003                                     | Not Applicable<br>Not Applicable                                                       |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - Thames Region - South East Area<br>Environment Agency - Thames Region - West Area                                                                                                                                                                       | March 2003<br>March 2003                                     | Not Applicable<br>Not Applicable                                                       |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - Thames Region - South East Area<br>Environment Agency - Thames Region - West Area                                                                                                                                                          | March 2003<br>March 2003                                     | Not Applicable<br>Not Applicable                                                       |



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

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



| Sensitive Land Use                                                                                                                                | Version                        | Update Cycle               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|
| <b>Ancient Woodland</b><br>Natural England                                                                                                        | October 2017                   | Bi-Annually                |
| <b>Areas of Adopted Green Belt</b><br>South Oxfordshire District Council<br>Wokingham District Council                                            | November 2017<br>November 2017 | As notified<br>As notified |
| <b>Areas of Unadopted Green Belt</b><br>South Oxfordshire District Council<br>Wokingham District Council                                          | November 2017<br>November 2017 | As notified<br>As notified |
| <b>Areas of Outstanding Natural Beauty</b><br>Natural England                                                                                     | August 2017                    | Bi-Annually                |
| <b>Environmentally Sensitive Areas</b><br>Natural England                                                                                         | January 2017                   | Annually                   |
| <b>Forest Parks</b><br>Forestry Commission                                                                                                        | April 1997                     | Not Applicable             |
| <b>Local Nature Reserves</b><br>Natural England                                                                                                   | August 2017                    | Bi-Annually                |
| <b>Marine Nature Reserves</b><br>Natural England                                                                                                  | August 2017                    | Bi-Annually                |
| <b>National Nature Reserves</b><br>Natural England                                                                                                | August 2017                    | Bi-Annually                |
| <b>National Parks</b><br>Natural England                                                                                                          | August 2017                    | Bi-Annually                |
| <b>Nitrate Vulnerable Zones</b><br>Environment Agency - Head Office<br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | December 2017<br>October 2015  | Bi-Annually                |
| <b>Ramsar Sites</b><br>Natural England                                                                                                            | August 2017                    | Bi-Annually                |
| <b>Sites of Special Scientific Interest</b><br>Natural England                                                                                    | August 2017                    | Bi-Annually                |
| <b>Special Areas of Conservation</b><br>Natural England                                                                                           | August 2017                    | Bi-Annually                |
| <b>Special Protection Areas</b><br>Natural England                                                                                                | August 2017                    | Bi-Annually                |

A selection of organisations who provide data within this report

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



| Contact | Name and Address                                                                                                                                            | Contact Details                                                                                                                     |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                              |
| 2       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY                                        | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk                                                              |
| 3       | <b>Reading Borough Council - Environmental Health Department</b><br>Civic Centre, Reading, Hampshire, RG1 7DT                                               | Telephone: 0118 939 9099<br>Fax: 0118 958 9770<br>Website: www.reading.gov.uk                                                       |
| 4       | <b>Ordnance Survey</b><br>Adanac Drive, Southampton, Hampshire, SO16 0AS                                                                                    | Telephone: 03456 05 05 05<br>Email: customerservices@ordnancesurvey.co.uk<br>Website: www.ordnancesurvey.gov.uk                     |
| 5       | <b>Reading Borough Council - Planning</b><br>Civic Centre, READING, Hampshire, RG1 7TD                                                                      | Telephone: 0118 939 0900<br>Fax: 0118 958 9770<br>Website: www.reading.gov.uk                                                       |
| 6       | <b>Wokingham District Council - Environmental Health Department</b><br>Council Offices, Shute End, Wokingham, Surrey, RG40 1BN                              | Telephone: 0118 974 6000<br>Fax: 0118 974 5053<br>Website: www.wokingham.gov.uk                                                     |
| 7       | <b>South Oxfordshire District Council - Environmental Health Department</b><br>Council Offices, P O Box 92, Crowmarsh, Wallingford, Oxfordshire, OX10 8NY   | Telephone: 01491 823000<br>Fax: 01491 823001<br>Email: env.health@southoxon.gov.uk<br>Website: www.southoxon.gov.uk                 |
| 8       | <b>Oxfordshire County Council</b><br>County Hall, New Road, Oxford, Oxfordshire, OX1 1ND                                                                    | Telephone: 01865 792422<br>Fax: 01865 810106<br>Email: environmental.services@oxfordshire.gov.uk<br>Website: www.oxfordshire.gov.uk |
| 9       | <b>Health and Safety Executive</b><br>5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS                                                                     | Website: www.hse.gov.uk                                                                                                             |
| 10      | <b>Peter Brett Associates</b><br>Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN                                                        | Telephone: 0118 950 0761<br>Fax: 0118 959 7498<br>Email: reading@pba.co.uk<br>Website: www.pba.co.uk                                |
| 11      | <b>PointX</b><br>7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY                                                                                   | Website: www.pointx.co.uk                                                                                                           |
| 12      | <b>Natural England</b><br>County Hall, Spetchley Road, Worcester, WR5 2NP                                                                                   | Telephone: 0300 060 3900<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk                            |
| 13      | <b>Environment Agency - Head Office</b><br>Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD                                     | Telephone: 01454 624400<br>Fax: 01454 624409                                                                                        |
| -       | <b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ             | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org                                 |
| -       | <b>Landmark Information Group Limited</b><br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD                                                            | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk     |

| Contact | Name and Address | Contact Details |
|---------|------------------|-----------------|
|---------|------------------|-----------------|

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



**PHASE 1 ENVIRONMENTAL INVESTIGATION**

**NO 4008/17**

**AT**

**28 WOKINGHAM ROAD, READING, RG6 1JQ**

**FOR**

**PROPOSED HOUSING DEVELOPMENT**

## **APPENDIX F**

**MINING AND GROUND STABILITY DATA BASE SEARCH**

## Envirocheck<sup>®</sup> Report:

### Mining and Ground Stability Datasheet

#### Order Details:

**Order Number:**

153508705\_1\_1

**Customer Reference:**

4008

**National Grid Reference:**

473280, 173120

**Slice:**

A

**Site Area (Ha):**

0.08

**Search Buffer (m):**

1000

#### Site Details:

28, Wokingham Road

READING

RG6 1JQ

#### Client Details:

Mr M Green

Terramech Investigations Ltd

183 Long Lane

Tilehurst

Reading

Berkshire

RG31 6YW



| Report Section and Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Page Number |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Summary</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -           |
| <p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>                                                                                                                                                                                                                              |             |
| <b>Mining and Natural Cavities Data</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>1</b>    |
| <p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>                                                                                                                                                                                                                                                                                     |             |
| <b>Historical Land Use Information (1:2,500)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>5</b>    |
| <p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p> |             |
| <b>Historical Land Use Information (1:10,000)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>6</b>    |
| <p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>                                                                                                                                                                       |             |
| <b>Ground Stability Data (1:50,000)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>7</b>    |
| <p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>                                                                                                                                                                                                                                                                                         |             |
| <b>Motion Map Data (1:2,500)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>8</b>    |
| <p>The Motion Map Data (1:2,500) section contains data which is plotted to indicate long-term stability trends from analysis of satellite radar data.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |
| <b>Historical Map List</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>9</b>    |
| <p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |
| <b>Data Currency</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>10</b>   |
| <b>Data Suppliers</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>12</b>   |
| <b>Useful Contacts</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>13</b>   |

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.





| Data Type                                                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m |
|----------------------------------------------------------------------|-------------|---------|-----------|-------------|--------------|
| <b>Mining and Natural Cavities Data</b>                              |             |         |           |             |              |
| BGS Recorded Mineral Sites                                           | pg 1        |         | 2         | 4           | 11           |
| Coal Mining Affected Areas                                           |             |         | n/a       | n/a         | n/a          |
| Man Made Mining Cavities                                             | pg 3        |         |           |             | 2            |
| Mining Instability                                                   |             |         | n/a       | n/a         | n/a          |
| Natural Cavities                                                     | pg 4        |         | 2         | 2           |              |
| Non Coal Mining Areas of Great Britain                               | pg 4        | Yes     | Yes       | n/a         | n/a          |
| Potential Mining Areas                                               |             |         |           |             |              |
| <b>Historical Land Use Information (1:2,500)</b>                     |             |         |           |             |              |
| Extractive Industries or Potential Excavations from 1855-1909 (100m) |             |         |           | n/a         | n/a          |
| Extractive Industries or Potential Excavations from 1893-1915 (100m) |             |         |           | n/a         | n/a          |
| Extractive Industries or Potential Excavations from 1906-1937 (100m) |             |         |           | n/a         | n/a          |
| Extractive Industries or Potential Excavations from 1924-1949 (100m) |             |         |           | n/a         | n/a          |
| Extractive Industries or Potential Excavations from 1950-1980 (100m) | pg 5        |         | 1         | n/a         | n/a          |
| Subterranean Features (100m)                                         |             |         |           | n/a         | n/a          |
| <b>Historical Land Use Information (1:10,000)</b>                    |             |         |           |             |              |
| Air Shafts                                                           |             |         |           |             |              |
| Disturbed Ground                                                     |             |         |           |             |              |
| General Quarrying                                                    |             |         |           |             |              |
| Heap, unknown constituents                                           | pg 6        |         |           |             | 2            |
| Mineral Railway                                                      |             |         |           |             |              |
| Mining & quarrying general                                           |             |         |           |             |              |
| Mining of coal & lignite                                             |             |         |           |             |              |
| Quarrying of sand & clay, operation of sand & gravel pits            | pg 6        |         | 2         | 2           | 5            |
| Former Marshes                                                       |             |         |           |             |              |
| Potentially Infilled Land (Non-Water)                                | pg 6        |         | 2         | 2           | 5            |
| Potentially Infilled Land (Water)                                    |             |         |           |             |              |

| Data Type                                                         | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m |
|-------------------------------------------------------------------|-------------|---------|-----------|-------------|--------------|
| <b>Ground Stability Data (1:50,000)</b>                           |             |         |           |             |              |
| CBSCB Compensation District                                       |             |         | n/a       | n/a         | n/a          |
| Brine Pumping Related Features                                    |             |         |           |             |              |
| Brine Subsidence Solution Area                                    |             |         |           |             |              |
| Potential for Collapsible Ground Stability Hazards                | pg 7        | Yes     |           | n/a         | n/a          |
| Potential for Compressible Ground Stability Hazards               | pg 7        | Yes     |           | n/a         | n/a          |
| Potential for Ground Dissolution Stability Hazards                | pg 7        | Yes     | Yes       | n/a         | n/a          |
| Potential for Landslide Ground Stability Hazards                  | pg 7        | Yes     |           | n/a         | n/a          |
| Potential for Running Sand Ground Stability Hazards               | pg 7        | Yes     |           | n/a         | n/a          |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 7        | Yes     | Yes       | n/a         | n/a          |
| Salt Mining Related Features                                      |             |         |           |             |              |
| Subsidence Insurance Claims                                       | pg 7        |         | 2         | n/a         | n/a          |
| Subsidence Investigations                                         | pg 7        |         | 1         | n/a         | n/a          |
| <b>Motion Map Data (1:2,500)</b>                                  |             |         |           |             |              |
| Motion Map (100m)                                                 | pg 8        | 5       | 5         | n/a         | n/a          |

Report Version v53.0



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 1      | <b>BGS Recorded Mineral Sites</b><br>Site Name: Wokingham Road Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234946<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m | A13SE (SE)                             | 98                           | 1       | 473382 173059 |
| 2      | <b>BGS Recorded Mineral Sites</b><br>Site Name: Wokingham Road Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234947<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m | A13SE (SE)                             | 227                          | 1       | 473507 173019 |
| 3      | <b>BGS Recorded Mineral Sites</b><br>Site Name: Wokingham Road Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234948<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m | A13SE (SE)                             | 346                          | 1       | 473618 172976 |
| 4      | <b>BGS Recorded Mineral Sites</b><br>Site Name: Reading School Gravel Pit<br>Location: Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234944<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m           | A8NW (S)                               | 372                          | 1       | 473188 172744 |
| 5      | <b>BGS Recorded Mineral Sites</b><br>Site Name: Reading School Gravel Pit<br>Location: Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234945<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m           | A8NW (SW)                              | 384                          | 1       | 473115 172757 |
| 6      | <b>BGS Recorded Mineral Sites</b><br>Site Name: Palmer Park Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234949<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Wolstonian<br>Geology: Taplow Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m    | A14SW (E)                              | 427                          | 1       | 473714 173008 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 7      | <b>BGS Recorded Mineral Sites</b><br>Site Name: New Town Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 36349<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: Kempton Park Gravel Formation<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m          | A18SE (N)                              | 503                          | 1       | 473320<br>173634 |
| 8      | <b>BGS Recorded Mineral Sites</b><br>Site Name: Palmer Park Denehole<br>Location: Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 220852<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Cretaceous<br>Geology: White Chalk Subgroup<br>Commodity: Chalk<br>Positional Accuracy: Located by supplier to within 100m                                 | A14NW (E)                              | 507                          | 1       | 473800<br>173200 |
| 9      | <b>BGS Recorded Mineral Sites</b><br>Site Name: Cholmelly Road Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234950<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary, Devensian<br>Geology: Kempton Park Gravel Formation<br>Commodity: Gravel<br>Positional Accuracy: Located by supplier to within 10m | A18SW (N)                              | 536                          | 1       | 473159<br>173660 |
| 10     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234943<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m              | A9NW (SE)                              | 712                          | 1       | 473737<br>172551 |
| 11     | <b>BGS Recorded Mineral Sites</b><br>Site Name: New Town Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 36347<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: Kempton Park Gravel Formation<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m          | A18NE (N)                              | 751                          | 1       | 473414<br>173870 |
| 12     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 36345<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Palaeocene<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m             | A9NW (SE)                              | 752                          | 1       | 473825<br>172575 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 13     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234942<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m     | A9NW (SE)                              | 796                          | 1       | 473787<br>172483 |
| 14     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234940<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m     | A9NW (SE)                              | 817                          | 1       | 473878<br>172536 |
| 15     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234939<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m     | A9NW (SE)                              | 828                          | 1       | 473847<br>172491 |
| 16     | <b>BGS Recorded Mineral Sites</b><br>Site Name: New Town Gravel Pit<br>Location: New Town, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 36348<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Quaternary<br>Geology: Kempton Park Gravel Formation<br>Commodity: Sand and Gravel<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE)                             | 850                          | 1       | 473680<br>173884 |
| 17     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Earley Rise Brick Field<br>Location: Earley Rise, Reading, Berkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 234941<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Tertiary<br>Geology: Lambeth Group<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m     | A9SW (SE)                              | 868                          | 1       | 473816<br>172415 |
|        | <b>Coal Mining Affected Areas</b><br>In an area which may not be affected by coal mining                                                                                                                                                                                                                                                                                                                                                                                               |                                        |                              |         |                  |
|        | <b>Man Made Mining Cavities</b><br>Cavity Type: Multiple Chalk Bell Pit Workings<br>Commodity: Chalk<br>Solid Geology Detail: Lambeth Group, Upper Chalk Formation<br>Superficial Geology Detail: Taplow Gravel                                                                                                                                                                                                                                                                        | A14NW (E)                              | 507                          | 2       | 473800<br>173200 |

| Map ID | Details                                                                                                                                                                                                                    | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
|        | <b>Man Made Mining Cavities</b><br>Cavity Type: Historical Brick and Works-Potential Chalk Mining<br>Commodity: Chalk<br>Solid Geology Detail: Chalk Group, Lambeth Group<br>Superficial Geology: Worked Ground<br>Detail: | A9NW (SE)                              | 789                          | 2       | 473900<br>172600 |
|        | <b>Natural Cavities</b><br>Cavity Type: Sinkhole x 1<br>Solid Geology Detail: Chalk Group<br>Superficial Geology: Taplow Gravel<br>Detail:                                                                                 | A13SE (E)                              | 101                          | 2       | 473400<br>173100 |
|        | <b>Natural Cavities</b><br>Cavity Type: Sinkhole x 1<br>Solid Geology Detail: Chalk Group, Lambeth Group<br>Superficial Geology: Taplow Gravel<br>Detail:                                                                  | A13SW (SW)                             | 200                          | 2       | 473100<br>173000 |
|        | <b>Natural Cavities</b><br>Cavity Type: Solution Pipe<br>Solid Geology Detail: Chalk Group, Lambeth Group<br>Superficial Geology: Taplow Gravel<br>Detail:                                                                 | A13SE (SE)                             | 368                          | 2       | 473600<br>172900 |
|        | <b>Natural Cavities</b><br>Cavity Type: Solution Pipe x 3<br>Solid Geology Detail: Chalk Group<br>Superficial Geology: Taplow Gravel<br>Detail:                                                                            | A12NE (W)                              | 370                          | 2       | 472900<br>173200 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service                                                                       | A13NW (E)                              | 0                            | 1       | 473280<br>173120 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Unlikely<br>Source: British Geological Survey, National Geoscience Information Service                                                                              | A13SE (S)                              | 29                           | 1       | 473291<br>173077 |



| Map ID | Details                                                                                                                                                        | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 18     | <b>Extractive Industries or Potential Excavations from 1950-1980</b><br>Use: Cemetery<br>First Map Published 1957<br>Date:<br>Last Map Published 1957<br>Date: | A13NE (N)                              | 16                           | -       | 473287<br>173146 |

| Map ID | Details                                                                                                                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 19     | <b>Heap, unknown constituents</b><br>Use: Not Supplied<br>Date of Mapping: 1962                                        | A18NW (N)                              | 794                          | -       | 473007<br>173886 |
| 20     | <b>Heap, unknown constituents</b><br>Use: Not Supplied<br>Date of Mapping: 1962                                        | A17NW (NW)                             | 999                          | -       | 472597<br>173878 |
| 21     | <b>Quarrying of sand &amp; clay, operation of sand &amp; gravel pits</b><br>Use: Not Supplied<br>Date of Mapping: 1883 | A13SE (SE)                             | 98                           | -       | 473384<br>173063 |
| 22     | <b>Quarrying of sand &amp; clay, operation of sand &amp; gravel pits</b><br>Use: Not Supplied<br>Date of Mapping: 1883 | A13SE (SE)                             | 229                          | -       | 473510<br>173020 |
| 23     | <b>Quarrying of sand &amp; clay, operation of sand &amp; gravel pits</b><br>Use: Not Supplied<br>Date of Mapping: 1883 | A14SW (E)                              | 347                          | -       | 473620<br>172980 |
| 24     | <b>Quarrying of sand &amp; clay, operation of sand &amp; gravel pits</b><br>Use: Not Supplied<br>Date of Mapping: 1883 | A8NW (S)                               | 375                          | -       | 473197<br>172738 |
| 25     | <b>Quarrying of sand &amp; clay, operation of sand &amp; gravel pits</b><br>Use: Not Supplied<br>Date of Mapping: 1900 | A18SE (N)                              | 512                          | -       | 473331<br>173642 |
| 26     | <b>Quarrying of sand &amp; clay, operation of sand &amp; gravel pits</b><br>Use: Not Supplied<br>Date of Mapping: 1883 | A18SW (N)                              | 535                          | -       | 473160<br>173659 |
| 27     | <b>Quarrying of sand &amp; clay, operation of sand &amp; gravel pits</b><br>Use: Not Supplied<br>Date of Mapping: 1883 | A18NE (N)                              | 705                          | -       | 473295<br>173838 |
| 28     | <b>Quarrying of sand &amp; clay, operation of sand &amp; gravel pits</b><br>Use: Not Supplied<br>Date of Mapping: 1883 | A19NW (NE)                             | 798                          | -       | 473643<br>173845 |
| 29     | <b>Quarrying of sand &amp; clay, operation of sand &amp; gravel pits</b><br>Use: Not Supplied<br>Date of Mapping: 1991 | A18NW (N)                              | 831                          | -       | 473268<br>173965 |
| 30     | <b>Potentially Infilled Land (Non-Water)</b><br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A13SE (SE)                             | 100                          | -       | 473385<br>173060 |
| 31     | <b>Potentially Infilled Land (Non-Water)</b><br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A13SE (SE)                             | 230                          | -       | 473510<br>173020 |
| 32     | <b>Potentially Infilled Land (Non-Water)</b><br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A14SW (E)                              | 347                          | -       | 473620<br>172980 |
| 33     | <b>Potentially Infilled Land (Non-Water)</b><br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A8NW (S)                               | 375                          | -       | 473197<br>172738 |
| 34     | <b>Potentially Infilled Land (Non-Water)</b><br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A18SE (N)                              | 511                          | -       | 473331<br>173641 |
| 35     | <b>Potentially Infilled Land (Non-Water)</b><br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A18SW (N)                              | 535                          | -       | 473163<br>173660 |
| 36     | <b>Potentially Infilled Land (Non-Water)</b><br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A9NW (SE)                              | 631                          | -       | 473764<br>172685 |
| 37     | <b>Potentially Infilled Land (Non-Water)</b><br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A18NE (N)                              | 705                          | -       | 473295<br>173838 |
| 38     | <b>Potentially Infilled Land (Non-Water)</b><br>Use: Unknown Filled Ground (Pit, quarry etc)<br>Date of Mapping: 1995  | A19NW (NE)                             | 798                          | -       | 473643<br>173845 |



| Map ID | Details                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
|        | <b>CBSCB Compensation District</b><br>The site does not fall within the brine compensation area.                                                                                                                    |                                        |                              |         |               |
|        | <b>Brine Subsidence Solution Area</b><br>The site does not fall within the brine subsidence solution area.                                                                                                          |                                        |                              |         |               |
| 39     | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                               | A13NW (E)                              | 0                            | 1       | 473280 173120 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                             | A13NW (E)                              | 0                            | 1       | 473280 173120 |
| 40     | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: High<br>Source: British Geological Survey, National Geoscience Information Service                                                   | A13NW (E)                              | 0                            | 1       | 473280 173120 |
| 41     | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                    | A13SE (S)                              | 29                           | 1       | 473291 173077 |
| 42     | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                    | A13NW (N)                              | 89                           | 1       | 473275 173224 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                              | A13SE (S)                              | 62                           | 1       | 473305 173046 |
| 43     | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                 | A13NW (E)                              | 0                            | 1       | 473280 173120 |
| 44     | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                              | A13NW (E)                              | 0                            | 1       | 473280 173120 |
| 45     | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service                                | A13SE (S)                              | 29                           | 1       | 473291 173077 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                               | A13NW (E)                              | 0                            | 1       | 473280 173120 |
|        | <b>Subsidence Investigations</b><br>Site Investigation: 8th March 2007<br>Date:<br>Root Survey: No<br>CCTV Drain Survey: No<br>Depth of Foundation: 0.85<br>Footing:<br>Soil Classification: Clay of Low Plasticity |                                        |                              | -       |               |
|        | <b>Subsidence Insurance Claims</b><br>Case Date: 11th October 2005<br>Movement Trend: Active cyclical movement of up to 5mm<br>Indication:<br>Damage: Category 2 - up to 5mm<br>Classification:                     |                                        |                              | -       |               |
|        | <b>Subsidence Insurance Claims</b><br>Case Date: 10th February 2006<br>Movement Trend: No significant movement (< 0.50mm)<br>Indication:<br>Damage: Category 2 - up to 5mm<br>Classification:                       |                                        |                              | -       |               |

| Map ID | Details                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 46     | <b>Motion Map</b><br>Average Velocity -0.2<br>Gradient (mmyear): | A13NW (NW)                             | 0                            | -       | 473272<br>173128 |
| 46     | <b>Motion Map</b><br>Average Velocity -0.5<br>Gradient (mmyear): | A13NW (NW)                             | 0                            | -       | 473273<br>173124 |
| 47     | <b>Motion Map</b><br>Average Velocity -0.1<br>Gradient (mmyear): | A13SE (SE)                             | 0                            | -       | 473286<br>173116 |
| 47     | <b>Motion Map</b><br>Average Velocity -0.4<br>Gradient (mmyear): | A13SW (SW)                             | 0                            | -       | 473279<br>173118 |
| 47     | <b>Motion Map</b><br>Average Velocity -0.5<br>Gradient (mmyear): | A13SW (S)                              | 0                            | -       | 473281<br>173114 |
| 48     | <b>Motion Map</b><br>Average Velocity -0.9<br>Gradient (mmyear): | A13NE (N)                              | 3                            | -       | 473285<br>173133 |
| 49     | <b>Motion Map</b><br>Average Velocity -0.4<br>Gradient (mmyear): | A13NW (NW)                             | 5                            | -       | 473261<br>173138 |
| 50     | <b>Motion Map</b><br>Average Velocity 0.0<br>Gradient (mmyear):  | A13SE (E)                              | 34                           | -       | 473334<br>173118 |
| 51     | <b>Motion Map</b><br>Average Velocity -0.1<br>Gradient (mmyear): | A13SE (SE)                             | 46                           | -       | 473337<br>173085 |
| 52     | <b>Motion Map</b><br>Average Velocity -0.6<br>Gradient (mmyear): | A13SW (SW)                             | 90                           | -       | 473220<br>173033 |



The following mapping has been analysed for Historical Land Use Information (1:2,500):

| 1:2,500              | Mapsheet | Published Date |
|----------------------|----------|----------------|
| Ordnance Survey Plan | SU7372   | 1958           |

The following mapping has been analysed for Historical Land Use Information (1:10,000):

| 1:10,560             | Mapsheet | Published Date |
|----------------------|----------|----------------|
| Oxfordshire          | 056_00   | 1882           |
| Berkshire            | 037_00   | 1883           |
| Berkshire            | 029_SE   | 1900           |
| Berkshire            | 037_NE   | 1900           |
| Oxfordshire          | 056_SE   | 1900           |
| Oxfordshire          | 058_NE   | 1900           |
| Berkshire            | 037_NE   | 1913           |
| Oxfordshire          | 058_NE   | 1913           |
| Berkshire            | 029_SE   | 1914           |
| Oxfordshire          | 056_SE   | 1914           |
| Berkshire            | 037_NE   | 1931           |
| Berkshire            | 029_SE   | 1932           |
| Ordnance Survey Plan | SU77SW   | 1962           |
| 1:10,000             | Mapsheet | Published Date |
| Ordnance Survey Plan | SU77SW   | 1995           |

| Mining and Cavities Data                                                                                                                        | Version       | Update Cycle   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service                                        | November 2017 | Bi-Annually    |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Property Searches                                                                     | March 2014    | As notified    |
| <b>Man Made Mining Cavities</b><br>Peter Brett Associates                                                                                       | November 2017 | Bi-Annually    |
| <b>Mining Instability</b><br>Ove Arup & Partners                                                                                                | October 2000  | Not Applicable |
| <b>Natural Cavities</b><br>Peter Brett Associates                                                                                               | November 2017 | Bi-Annually    |
| <b>Non Coal Mining Areas of Great Britain</b><br>British Geological Survey - National Geoscience Information Service                            | May 2015      | Not Applicable |
| Historical Land Use Information (1:2,500)                                                                                                       | Version       | Update Cycle   |
| <b>Subterranean Features</b><br>Landmark Information Group Limited                                                                              | August 2017   | Bi-Annually    |
| Ground Stability Data (1:50,000)                                                                                                                | Version       | Update Cycle   |
| <b>CBSCB Compensation District</b><br>Cheshire Brine Subsidence Compensation Board (CBSCB)                                                      | August 2011   | Not Applicable |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | June 2015     | As notified    |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | June 2015     | As notified    |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | June 2015     | As notified    |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | June 2015     | As notified    |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | June 2015     | As notified    |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service | June 2015     | As notified    |
| <b>Subsidence Insurance Claims</b><br>SP Property Services                                                                                      | November 2017 | Quarterly      |
| <b>Subsidence Investigations</b><br>CET Structures Ltd                                                                                          | November 2017 | Quarterly      |
| <b>Brine Subsidence Solution Area</b><br>Johnson Poole & Bloomer                                                                                | January 2015  | As notified    |



| Motion Map Data (1:2,500)                | Version        | Update Cycle |
|------------------------------------------|----------------|--------------|
| <b>Motion Map</b>                        |                |              |
| Nigel Press Associates - Hampshire       | February 2011  | As notified  |
| Nigel Press Associates - Cambridge       | January 2011   | As notified  |
| Nigel Press Associates - Ipswich         | January 2011   | As notified  |
| Nigel Press Associates - Norwich         | January 2011   | As notified  |
| Nigel Press Associates - Peterborough    | January 2011   | As notified  |
| Nigel Press Associates - Barnstaple      | July 2010      | As notified  |
| Nigel Press Associates - Derbyshire      | July 2010      | As notified  |
| Nigel Press Associates - Humberside      | July 2010      | As notified  |
| Nigel Press Associates - Kent            | July 2010      | As notified  |
| Nigel Press Associates - Lincolnshire    | July 2010      | As notified  |
| Nigel Press Associates - Nottinghamshire | July 2010      | As notified  |
| Nigel Press Associates - Birmingham      | May 2009       | As notified  |
| Nigel Press Associates - Bournemouth     | May 2009       | As notified  |
| Nigel Press Associates - Brighton        | May 2009       | As notified  |
| Nigel Press Associates - Bristol         | May 2009       | As notified  |
| Nigel Press Associates - Cardiff         | May 2009       | As notified  |
| Nigel Press Associates - Central London  | May 2009       | As notified  |
| Nigel Press Associates - Cheltenham      | May 2009       | As notified  |
| Nigel Press Associates - Coventry        | May 2009       | As notified  |
| Nigel Press Associates - Crawley         | May 2009       | As notified  |
| Nigel Press Associates - Edinburgh       | May 2009       | As notified  |
| Nigel Press Associates - Exeter          | May 2009       | As notified  |
| Nigel Press Associates - Glasgow         | May 2009       | As notified  |
| Nigel Press Associates - Isle of Wight   | May 2009       | As notified  |
| Nigel Press Associates - Leeds           | May 2009       | As notified  |
| Nigel Press Associates - Leicester       | May 2009       | As notified  |
| Nigel Press Associates - Liverpool       | May 2009       | As notified  |
| Nigel Press Associates - Manchester      | May 2009       | As notified  |
| Nigel Press Associates - Milton Keynes   | May 2009       | As notified  |
| Nigel Press Associates - Newcastle       | May 2009       | As notified  |
| Nigel Press Associates - Northwich       | May 2009       | As notified  |
| Nigel Press Associates - Nottingham      | May 2009       | As notified  |
| Nigel Press Associates - Oxford          | May 2009       | As notified  |
| Nigel Press Associates - Plymouth        | May 2009       | As notified  |
| Nigel Press Associates - Portsmouth      | May 2009       | As notified  |
| Nigel Press Associates - Preston         | May 2009       | As notified  |
| Nigel Press Associates - Reading         | May 2009       | As notified  |
| Nigel Press Associates - Sheffield       | May 2009       | As notified  |
| Nigel Press Associates - Stoke           | May 2009       | As notified  |
| Nigel Press Associates - Swindon         | May 2009       | As notified  |
| Nigel Press Associates - Tonbridge       | May 2009       | As notified  |
| Nigel Press Associates - North London    | November 2008  | As notified  |
| Nigel Press Associates - Head Office     | September 2008 | As notified  |

A selection of organisations who provide data within this report

| Data Supplier             | Data Supplier Logo                                                                                                                                           |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ordnance Survey           |                                                                           |
| British Geological Survey |  <b>British Geological Survey</b><br>NATURAL ENVIRONMENT RESEARCH COUNCIL |
| The Coal Authority        |  The Coal Authority                                                       |
| Ove Arup                  |                                                                           |
| Peter Brett Associates    |                                                                           |
| Wardell Armstrong         |  wardell armstrong<br>your earth our world                                |
| Johnson Poole & Bloomer   |                                                                          |



| Contact | Name and Address                                                                                                                                            | Contact Details                                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
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