





Desk Study Report



Project Name: Tongham Services

Location: Farnham, GU10 1FP

Client: Glanville Consultants Ltd. (on behalf of McDonalds)

Project ID: J15186

Report Date: 30 June 2022

Report Issue: 1





SUMMARY

The site is a roughly rectangular area of shrubland located to the north of Tongham Services Station. It is proposed to construct a new McDonalds, together with associated car parking and drive-thru lane.

Geological records indicate the site to be underlain by superficial River Terrace Deposits over Lambeth Group over Lewes Nodular Chalk. The site is also mapped within an area of 'worked ground'. The land immediately adjacent to the northern boundary is mapped as Made Ground and superficial Alluvial deposits, therefore these have been included below.

A desk study was carried out and indicates that the was part of field, which remain generally unchanged until around 1999 where from aerial imagery the ground appears to have been worked; potentially used as part of the adjacent quarry site. Between 2000 and 2018 the site becomes grassed/vegetated, before the ground being reworked again during the construction of Tongham Services around 2019/2020.

An Unexploded Ordnance (UXO) risk assessment was not undertaken by a specialist subcontractor as part of these works.

The superficial River Terrace Deposits and the Lambeth Group which are both classified as Secondary A Aquifers and is not located within a groundwater source protection zone.

Based on the results of the desk study search and the walkover survey, and considering the site is to be hard covered, with buildings, parking and roadways, the overall risk to the proposed end users from on-site and off-site contamination associated with both historical and current land uses is considered negligible, as the Source-Pathway-Receptor pollutant linkage is broken by the permanent hard barrier. However there would be considered a very low to low risk to site workers during the development works and for any soft-landscaped areas, if proposed as part of the site development proposals.

A very low to low risk of ground gases has been identified due to potential made ground and infilled drainage ditch as well as an historic landfill identified within the near vicinity of the site.

In order to confirm the assessed risks in this desk study in relation to the proposed redevelopment of the site, a Phase II intrusive investigation will need to be completed. Such an investigation should include sampling and testing of any Made Ground and underlying natural soils. The chemical analysis should assess the Conceptual Model presented within, and confirm whether there is a need for any remedial works or additional assessment. Any Phase 2 investigation should also include ground gas monitoring across the site to determine the risk to the proposed end users.

The investigation was conducted and this report has been prepared for the sole internal use and reliance of McDonalds and their appointed Engineers. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Southern Testing Laboratories Ltd. If an unauthorised third party comes into possession of this report they rely on it at their peril and the authors owe them no duty of care and skill.

The findings and opinions conveyed via this investigation report are based on information obtained from a variety of sources as detailed within this report, and which Southern Testing Laboratories Ltd. believes are reliable. Nevertheless, Southern Testing Laboratories Ltd. cannot and does not guarantee the authenticity or reliability of the information it has obtained from others.

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For and on behalf of Southern Testing Laboratories Limited





DOCUMENT HISTORY AND STATUS

Issue No.	Date	Purpose or Status	Author	Check / Review
1	30/06/2022	First Issue	VF	CL

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INTRODUCTION Α

1 Auth ority

Our authority for carrying out this work is contained in a Southern Testing Project Order Form completed by Mr D Hart on behalf of Glanville Consultants Ltd. (the Client), dated 9th June 2022. This was on the basis of our proposal and cost estimate (Ref Q220784) dated 9th June 2022.

2 Location

The site is an open parcel of land to the north of Tongham Service Station, located at the junction of A31 and A331 (as indicated on Figure 1 within Appendix A). The approximate National Grid Reference of the site is SU 87872 48595.

3 **Proposed Construction**

It is proposed to construct a new McDonalds, together with associated car parking and a drive-thru lane.

In the absence of an applicable generic land use, for the purposes of the contamination risk assessment in relation to the proposed development, a combined Public Open Space (Park) and Commercial/Industrial classification has been used CLEA Model [1] / C4SL Report [2].

The gas sensitivity of the proposed development is rated as Low CIRIA C665 Ref [3].

4 Object

This is a Phase 1 Desk Study and Walkover.

The object of the investigation was to assess the likely nature and extent of soil, groundwater and soil gas contamination on the site.

5 Scope

This report presents our desk study findings only.

A UXO risk assessment was not requested within our brief for the investigation.

The findings and opinions conveyed via this investigation report are based on information obtained from a variety of sources as detailed within this report, and which Southern Testing Laboratories Ltd. believes are reliable. Nevertheless, Southern Testing Laboratories Ltd. cannot and does not guarantee the authenticity or reliability of the information it has obtained from others.

The investigation was conducted and this report has been prepared for the sole internal use and reliance of McDonalds and their appointed Engineers. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Southern Testing Laboratories Ltd. If an unauthorised third party comes into possession of this report they rely on it at their peril and the authors owe them no duty of care and skill.

The recommendations contained in this report may not be appropriate to alternative development schemes.

DESK STUDY AND WALKOVER SURVEY B

Desk Study 6

A desk study has been carried out. Reference has been made to the following information sources.

- Online Geological Maps Ref [4] & Ref [5]
- Online Hydrogeological Maps Ref [6]
- Aerial Photographs
- Historical Ordnance Survey Maps





- **Environmental Databases**
- BGS Online Historical Borehole Records Ref [7]
- Search on Local Authority Planning Portal for planning history •
- MAGIC website mapping Ref [8]
- Environment Agency / Gov.UK Website Flood Risk Ref [9]
- Bomb Maps
- UK Radon Ref [10] and BRE Radon Ref [11]
- Google Earth (for old aerial photographs)

The environmental databases search report compiled for this desk study contains site-specific environmental data drawn from data sets that comprise publicly available information together with data from third parties, some of which is under review. Accordingly, Southern Testing Laboratories Limited does not warrant its accuracy, reliability or completeness.

The full report is included in Appendix C and D, a summary of the salient features is included in the following sections of this report.

6.1 Geology

The British Geological Survey Map No. 285 (Guildford) indicates that the site geology consists of superficial River Terrace Deposits over the Lambeth Group over Lewes Nodular Chalk. The site is also mapped within an area of 'worked ground'. The land immediately adjacent to the northern boundary is also mapped as Made Ground and superficial Alluvial deposits, therefore, these have been included below.

Made Ground 6.1.1

"Fill" and "made ground" are terms which are used interchangeably to describe material which has been placed by man. It may have been placed in a controlled or uncontrolled manner and, if the latter term applies, then very great variations in material type, depth and density are likely to occur.

River Terrace Deposits 6.1.2

Terrace Gravels are sheets of irregular and sub-rounded gravel and sand, laid down as terraces alongside rivers. Lenses of silt, clay or peat may also be present. Their composition reflects the geology of the river catchment area.

Terrace Gravels were commonly worked in the past, often on a piecemeal basis in 'borrow pits' as well as larger mineral workings. Old pits may have been infilled with poor quality or waste materials, and can contain contamination.

6.1.3 Alluvium

Alluvium is a geologically recent deposit found in association with watercourses. It is typically soft to firm normally consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.

Running sand or silt may be encountered. Excavations are often unstable. Bottom heave may be encountered in clayey soils below 3m.

It is inherently variable and rapid lateral transitions in soil type should be anticipated.

6.1.4 Lambeth Group

The Lambeth Group comprises a vertically and laterally very variable sequence of multicoloured and mottled clays and sands. The sands are greenish yellow or brown, and generally alternate with the multicoloured mottled clays and sometimes bands of lignite. Pebble Beds, locally cemented into conglomerate, and some bands of concretionary ironstone may also be present. Shells are frequently found in the clays and are sometimes locally cemented into a limestone bed that may form an obstruction to pile borings. At the base of the formation there can be layer of greenish sands with flint pebbles where they rest directly above the Thanet Beds.

Clays within this group are known to contain pyrite.



Lewes Nodular Chalk Formation 6.1.5

The Lewes Nodular Chalk Formation is characterised by bands of orange-stained, hard, medium to very high density chalk interbedded with soft grever low density chalk. There are some well-developed hardgrounds noted such as the Top Rock and Chalk Rock. A number of persistent marl and flint horizons are included within this formation. Fracturing is variable, although commonly steeply inclined and curvilinear in nature. Horizons of sub-horizontal sheet flints are also present.

The White Chalk outcrop in particular is frequently highly fractured and highly permeable, and usually has good infiltration characteristics. On the other hand, Chalk Head, highly weathered Chalk and Chalk under a low permeability superficial cover may have very poor infiltration characteristics.

Chalk is slightly soluble in water and, while it has excellent bearing properties when unweathered, this solubility can lead to deep weathering and softening, and the upper layers of chalk often have an irregular boundary with overlying strata.

The Chalk may be softened by solutioning to a depth of 5 to 15 metres and bearing capacities and engineering properties generally improve with depth. Where there is an outcrop of impermeable soil overlying the chalk there may be a dramatically increased solution effect due to concentrated surface water flow to the Chalk close to the outcrop boundary.

Solution features are common in the Chalk, and these can present significant difficulties to development on affected sites. Some risk of structural damage due to solution features must be accepted when developing sites on Chalk even where intensive site investigation work has been carried out.

Man has also worked the chalk for flints, and for other purposes, for thousands of years and any signs of old workings should be carefully investigated.

6.2 Historical Borehole Records

A search of previous exploratory hole records both from the online British Geological Survey database [7] and Southern Testing in-house records, revealed only two records within the near vicinity of this site, both from the BGS source (tabulated below).

The nearby borehole data records clayey sandy gravel up to a depth of 4m to 8.8m bgl, underlain by chalk (Lewes Nodular Chalk). A shallow covering of alluvial soils was recorded within one of the borehole up to 0.8m thick.

A standing water level of 6.96m was recorded within one of the boreholes. No groundwater was noted within the other borehole. No long-term groundwater monitoring was undertaken at either site.

BH Reference	Final Depth (mbgl)	Distance from site (m) & Direction	Remarks
SU84NE230	50m	240m W	Soils encountered recorded as: Gravel to 4m, over Upper Chalk to 50m. Resting water levels recorded 6.96m bgl.
SU84NE35	10m	280m W	Shell and auger boreholes. Soils encountered recorded as: peaty Clay to 0.8m, over clayey sandy Gravel to 8.8m over soft white Chalk to 10m. No groundwater details noted.

(BGS website accessed 09/06/2022)

In addition, boreholes are available within a site investigation report carried out as part of the development of the Tongham Services (see Section 6.8).



6.3 Geological Hazards and Mining Activities

Data from various sources relating to potential geological hazards at the site are summarized below. The Hazard Potentials listed for the BGS data are as presented in the Envirocheck report, derived from various generic BGS sources, which are not considered as site-specific. It is important that this information is considered in context of the actual site topography, ground conditions encountered during future investigation, and development proposals.

Data Source	Hazard	Hazard Potential to Site	Remarks
	Potential for Collapsible Ground Stability Hazard	Very Low	
	Potential for Compressible Ground Stability Hazard	No Hazard	
	Potential for Ground Dissolution Stability Hazard	No Hazard	Lewes Nodular Chalk anticipated beneath the site, possible dissolution risk.
	Potential for Landslide Ground Stability Hazard	Very Low	
BGS	Potential for Running Sand Ground Stability Hazard	Very Low	Noting the mapped presence of superficial river terrace deposits, a low to moderate hazard is considered more applicable, subject to the presence of granular materials.
	Potential for Swelling or Shrinkage Clay Ground Stability Hazard	Moderate	Possible Clay soils may be encountered which will have shrink and swell properties.
	Shallow Mining Hazard	Low	
	BGS recorded mineral site	Low to moderate	Nearest BGS recorded mineral site is listed as 19m west of the site, as opencast for sand and gravel. Now ceased.
ARUP [Ref [12]]	Mining Instability	Very Low	None recorded within 1km of the site.
CCS [Ref [13]] KURG [Ref [14]]	Underground Openings	Very Low	None recorded within 1km of the site.
PBA	Natural & Mining Cavities	Very Low	None recorded within 1km of the site.

6.4 Radon Risk

With reference to the Envirocheck report, UK Radon Ref [10] and BRE Radon Ref [11] guidance: the site located within the lowest band of radon potential, with less than 1% of homes above the Action Level, and therefore no radon protection is considered to be required on this site.



6.5 Hydrology and Hydrogeology

Data from the Environment Agency and other information relating to controlled waters is summarised below.

D	ata	Remarks	Possible Hazard to/from Site (Y/ N)
Aquifer	Superficial Deposits	River Terrace Deposits - Secondary A Aquifer.	Y
Designation	Bedrock	Lambeth Group – Secondary A Aquifer. Lewes Nodular Chalk – Principal Aquifer	Y Y
Groundwater V	ulnerability	Secondary Superficial Aquifer – High Vulnerability. Relates to shallowest aquifer and is a function of the ability of superficial soils to transmit contaminants.	Y
	Surface Water	None listed within 1km of the site.	N
Abstractions	Groundwater	There are two groundwater abstraction within 1km of the site. The nearest is listed as 151m south-west of the site for Tongham Pumping Station for a potable water supply. The other is listed as 206m west of the site associated with Hanson Quarry Products Europe Ltd for mineral	Y N
Source Protect	ion Zones	products (make-up or top-up water). The site is not located within a groundwater source protection zone (SPZ).	N
Surface Watercourses		The nearest surface water feature is listed as 8m north- east of the site which relates to a small pond (manmade). Blackwater River is located approximately 75m north of the northern site boundary	Y
Groundwater F	lood Risk*	The site is shown within an area mapped with the potential for groundwater flooding to occur at the surface.	Y
Surface Water Flood Risk*		The site is not shown within an area mapped as being at risk.	Ν
Marine / Fluvial Flood Risk*		The site is shown within an area mapped as being at high risk.	Y
Reservoir Flood Risk*		The site is not shown within an area mapped as being at risk.	Ν
Discharge Consents		The nearest discharge content is listed as 263m west of the site, as trade discharge (process water) to freshwater stream/river (Blackwater River).	N

* These sections are provided for information only, this report does not constitute a formal flood risk assessment and specialist advice should be sought in relation to potential flooding issues.

The site is mapped as being underlain by superficial River Terrace Deposits and the Lambeth Group, which are both classified as Secondary A Aquifers, with chalk beneath (a Principal Aquifer). Therefore, this means there is a potential risk to the site from any mobile contaminants arising from either an onsite or an offsite source.

The site is not located within a groundwater source protection zone. The nearest groundwater abstraction is located 151m south-west of the site, at Tongham Pumping Station public potable water supply.

No current groundwater monitoring data is available for the subject site. Nearby boreholes indicate a standing water level around 7m(bgl).





Based on the local topography, the site appears to be located within an area of relatively flat and level land towards the centre of a wider valley feature, running approximately west-east. There is a gradual increase in height of the land towards the north-west and south-east. Surface water and groundwater flow directions are, therefore, assumed to follow the local topography; towards the subject site/Blackwater River.

The Blackwater River is located approximately 75m north of the northern site boundary. The site is mapped within an area at risk of extreme flooding from rivers without defences (Zone 2) and according to the Gov.uk website, the site is located within an area of high fluvial flood risk, which means that each year this area has a chance of flooding of greater than 3.3%. The site is also mapped within an area with the potential for groundwater flooding to occur at the surface.

6.6 Historical Ordnance Survey Maps

Copy extracts of historical Ordnance Survey plans dating from 1883 to 2021 were obtained and are presented in Appendix C. A summary of the salient features is presented below.

The earliest OS mapping (1883) the site area is shown to be part of field with a drain running north to south across the centre of the site which is no longer shown from 1972 mapping (ie. potentially infilled before this date). The site appears to remain unchanged until around 1999 where, from aerial imagery, the ground appears to have been worked; potentially used as part of the adjacent quarry site activities. Google Earth historic aerial imagery between December 2000 and June 2018 shows the site becoming grassed/vegetated with some tracks across the site, possibly from vehicular usage. Google Earth imagery from April 2020 shows the site to have been reworked again during the construction of the Tongham Services located to the south of the site.

The surrounding area was generally fields from earliest mapping (1883), apart from a railway line (Farnham & Alton Line) which is shown to be disused by the 1960s mapping. By the 1999 mapping, the land immediately west of the site appears to be used as an opencast quarry (Hanson Aggregates), which according to Tice's Meadow Nature Reserve Website (ticesmeadow.org), gravel extraction finished in 2010 and a majority of the site was restored into wet meadows in 2011, with the final phases of restoration in 2015. Similarly, the land to the north east is shown as fields until 1999 mapping when this area is shown as a water body, potentially quarried.

Data S	ource	Distance (m)	Direction	Details	Possible Hazard to Site (Y/N)
Historical Ind Land Use (within 250m as inactive)		61	SW	Farnham quarry – extractive industries.	Y
Current Indu	strial Land	17	SE	Tongham Services	Y
Use		20	SE	Petrol Filling Stations.	Y
(within 250m	(within 250m)		E	Waste storage, processing and disposal.	N
Current and I Landfills (within 500m		119	NE	Historic Landfill Site (Tongham Nurseries). Input dates recorded between March 1993 and December 1994. Deposited waste included inert waste.	Y
	\M/otor	198	E	Unknown filled ground	N
Potentially Infilled	Potentially Water	301	N	Unknown filled ground	N
Land	Non- water	None recorded within 500r		within 500m of the site.	N
Fuel Sites (within 500m)		SE	Shell Petrol Station at Tongham Services	Y	

6.7 Environmental Databases





Data Source	Distance (m)	Direction	Details	Possible Hazard to Site (Y/N)
Pollution Incidents (within 250m)	197	NE	Category 3 – Minor Incident (1992). Pollutant recorded as oils (unknown).	N
IPPC/LAPPC Authorisations (within 250m)	None	None recorded within 250m of the site.		
Hazardous Substances Consents	None recorded within 1km of the site.			N
Sensitive Land Uses	None recorded within 500m of the site.			N

The site is mapped as being underlain by superficial deposits of River Terrace Gravel, Lambeth Group and Lewes Nodular Chalk, all of which could provide a potential migration pathway onto the site. The site is located within the centre of a valley feature so groundwater flow directions are anticipated to be from the north-west and south-east towards the subject site/the Blackwater River.

Tongham Service Station, including a petrol station, is located around 20m south of the site which could be a source of petroleum hydrocarbons. There are likely to be underground fuel tanks and it is also possible that the small fuel spills may have occurred at the surface over time. However, from the historic mapping, the petrol station is understood to be relatively newly constructed (within the last 2-3 years), and from the walkover the surfacing at the petrol station (concrete, around the pumps, and blacktop etc.) appeared to be in good condition.

Farnham aggregates quarry was also located to the west/south-west of the site (approx. 60m). From historic and current mapping the quarries appear to have been restored into a nature reserve & wetland area with water bodies where the quarry pits used to be. Therefore, it is assumed the quarry pits have not been backfilled so this is not considered to pose a significant risk to the subject site.

An historic landfill site is indicated 119m north east of the site and is recorded to have only deposited inert waste, between March 1993 and December 1994. The site is now shown to be a lake.

6.8 Planning Application History

The site lies within the Waverley Borough Council area, but is close to the boundary of Guildford Borough Council, therefore, a search of both of these planning websites was undertaken (https://www.waverley.gov.uk; https://www.guildford.gov.uk/, accessed 13th June 2022). These show a number of planning applications associated with the subject site and the immediate surrounding area. These applications are summarised in the table below.

Application Number	Decision Date	Proposal Details / Comments	Decision
WA/2012/0454	21/05/2012	Consultation on a County Matter; exportation of 18,000 cubic metres of surplus topsoil without compliance with Condition 10 of permission GU88/1208 and WA88/1457.	No objection
WA/2013/0228	20/12/2013	County Matter Application for the continued progressive restoration of the site to agriculture and landscaped lake, without compliance with Conditions 10, 14, 21 and 25 of planning permission reference GU/1988/1208 and WA/1988/1457 dated 13 September 1989, so as to allow the export of 15000 cubic metres of topsoil (retrospective), an amended restoration plan, aftercare scheme (pursuant to a Section 106 agreement dated 9th November 2006), and an extension of time to complete restoration until 31 December 2016.	Surrey County Council Full Permission





Application Number	Decision Date	Proposal Details / Comments	Decision
16/P/00106	28/09/2016	Proposed roadside service facility including a petrol filling station and ancillary shop facilities, car wash and parking and new access on land at Runfold Farm. Numerous additional applications for approval of conditions for this application.	Approved
08/P/01872	24/11/2008	Outline application for the construction of site access road and internal site roundabout. A few additional applications for approval of conditions for this application.	Withdrawn
08/P/01873	24/11/2008	Outline application for roadside service facility including 24 hour fuel & shop facilities, car wash & car parking spaces	Withdrawn
05/P/01093	15/12/2005	Outline application for roadside service facility including 24 hour fuel and shop facilities, car wash and car parking spaces.	Approved
05/P/01094	15/12/2005	Outline application for the construction of site access road and internal site roundabout.	Approved
94/P/01468	25/06/1997	Outline Application for comprehensive roadside service facilities, including 24 hour fuel and shop facilities, car wash, single storey 45 bed travel lodge, picnic and rest area, tourist information point and 107 car parking spaces plus 3 disabled parking spaces, 16 lorry spaces 6 coach spaces, 3 emergency/breakdown spaces and 4 staff spaces. (As amended 24/01/95 and as amplified 03/02/95). A few additional applications for variations of conditions for this application.	Approved
WA/1988/1457	18/09/1989	Extraction of sand and gravel, erection of a processing plant, concrete batching plant and ancillary buildings, and progressive restoration to agriculture A few additional applications for variations of conditions for this application.	Full Permission
88/P/01208	20/09/1988	Extraction of sand and gravel, the erection of a processing plant, concrete batching plant and ancillary buildings and progressive restoration to agriculture and a landscaped lake A few additional applications for variations of conditions for this application.	Approved
WA/1977/1668	12/04/1978	Winning and working of sand & gravel and matters ancillary & Incidental thereto inc. construction of workshop, canteen, toilets, weighbridge, office, an aggregate processing plant, sand watering plant, access roads, proposals for landscaping,	Refused
WA/1974/0968	17/04/1975	The winning and working of sand and gravel and matters ancillary thereto, including the erection of a ready mixed concrete batching plant	Refused

From the above planning applications, permission for the quarrying to the west of the site was granted in the later 1980s, including extraction of sand and gravel and erection of processing plant and ancillary buildings. According to Tice's Meadow Nature Reserve Website (ticesmeadow.org) the quarry was operation between 1998 and 2010.





A Phase 2 Environmental Site Assessment Report was produced by Swan Environmental as part of the application for the Tongham Service Station (contained within application ref. 19/D/00166/1). This included six boreholes to 4.5m depth, which encountered variably clayey sand to 0.8/1.3m depth, underlain by silty sandy clay to depth. Within two of the boreholes mudstone was encountered from 2.0/3.5m depth. Shallow Made Ground was encountered in two locations only, up to 0.3m depth. No groundwater was encountered during the drilling of the boreholes. As part of this application limited contamination testing, including asbestos screening, was carried out and no determinants were recorded in excess of the applied screening criteria.

In addition, planning application WA/1974/0968 contains cross sections and borehole data within the surrounding area which indicates overburden depths between 0.6m to 2.4m and depth of sand to between 3.4m to 8.7m across the site and surrounding area.

Apart from the quarrying to the west of the site and the construction of Tongham Services to the south of the site, no other planning applications in the area indicant any significant potentially contaminative land uses.

6.9 Ground Gas Risk

Given that shallow sand/gravel are anticipated beneath the site, there is considered to be a potential pathway for ground gases to migrate onto the subject site. A few potential sources of ground gases have been identified both on site and in the near vicinity.

Firstly, an historic landfill site (Tongham Nurseries) is recorded around 119m north-east of the site. Input dates are recorded between March 1993 and December 1994 and the deposited waste is recorded recorded to have included inert waste. No further details of deposited waste have been identified. Given the deposited material is identified as inert waste, the distance from the site and considering the majority of the landfill area mapped is now a lake, the risk form this source to the subject site is considered to be very low.

A former quarry site is located around 60m west of the site and it is possible that the historic quarry could have been backfilled or partially backfilled, but from historic aerial photography it appears the pits remained largely open and the site is now a wetland area as part of Tice's Meadow Nature Reserve. Therefore, there is not considered to be a significant potential risk from this source.

Around 30m north of the northern site boundary is an area mapped as Made Ground, but no details on depth or nature of the Made Ground material has been identified. Similarly, the site itself is mapped within an area of worked ground. Both of these are assumed to be associated with ground disturbance from the quarrying activities on the neighbouring site. Therefore, it is possible for made ground materials to be present beneath the site and adjacent but a significant depth of Made Ground is not anticipated. From a previous ground investigation carried out as part of the Tongham Services development, just south of the subject site, only shallow Made Ground comprising reworked natural soils was encountered (up to 0.3m). Therefore, the risk of ground gases from these sources is considered negligible.

Superficial Alluvial deposits are also mapped around 30m north of the northern site boundary, associated with the Blackwater River, which may contain organic materials. These typically generate methane and carbon dioxide but other gases, such as hydrogen sulphide, can also be present. One nearby BGS borehole record located within the alluvial deposits indicates peaty clay soils. At this stage, the risk from this source is also considered very low for the proposed development of the site.

Around 20m south of the site is a petrol filling station which is likely to have underground fuel tanks and it is also possible that the small fuel spills may have occurred over time. From historic mapping, the petrol station is understood to be relatively newly constructed (within the last 2-3 years) so underground tanks are, therefore,, assumed to have been installed in accordance with relevant procedures/guidelines and be in good condition with leaks unlikely. From the walkover survey, the surfacing at the petrol station (concrete around the pumps, and blacktop roads) appeared to be in good condition so any small fuel spillages are by unlikely to have contaminated the ground. Therefore, the risk from this source is considered negligible.

On the site itself there was formerly an historic drain/ditch, assumed to be a field drain, recorded across the centre of the site from 1883 OS historic mapping but no longer shown by 1972, so it is possible this was infilled. Given the small size of this feature, and the apparent date of infilling, the potential risk is considered low.





6.10 UXO Risk Management

The possibility of unexploded ordnance (UXO) being encountered on a site falls within the category of a potentially significant risk and should be addressed as a legal duty under the Construction (Design and Management) Regulations by the Client as early as possible in a project.

The CIRIA publication C681 Ref [15] has been developed to provide a consistent framework for the management of potential risks posed by UXO during site investigation and groundwork phases of construction. The process adopts a tiered approach, divided into four distinct stages; Preliminary risk assessment, Detailed risk assessment, Risk mitigation and Implementation.

The agreed scope of work did not allow for either a preliminary or detailed UXO risk assessment.

Reference has been made to Zetica UXO Risk Mapping website (https://zeticauxo.com, accessed 13/6/2022), which indicates the site to lie within an area of Low UXO risk.

The maps have been reviewed for information purposes only and should not be perceived as part of a formal preliminary or detailed UXO risk assessment.

7 Site Walkover Survey

At site walkover was carried out Monday 13th June 2022.

7.1 General Site Description and Boundaries

The site comprises an area of shrubland to the north of Tongham Services. The site is currently vacant with rough grassland and paths/dirt tracks around the periphery.

The south of the site is bounded by the entrance road to the service station and the east of the site is bounded by a pond. There are no distinct northern and western boundaries as the site just extends into further shrubland.

7.2 Topography and Drainage

The site is located on generally flat and level land. The site appears to be located towards the centre of a valley feature as there is a gradual increase in height of the land towards the north-west and south-east.

At the time of the walkover survey, there were no areas of standing water across the site. Just beyond the eastern site boundary is a pond, a possible attenuation pond, assumed to have been constructed at the same time as Tongham Service Station.

7.3 Vegetation

The site area and the immediate surrounding area is covered with rough grassland and small shrubs only, with no significant trees present nearby.

7.4 Buildings and Land Use on Site and Nearby

The site is currently vacant land which extends towards the north, east and west (beyond the subject site boundaries). To the north and north-west of the site are a couple of vegetated soil mounds which appear to comprise reworked natural material. Adjacent to one of the mounds was some burnt branches and adjacent to the other was some discarded tyres.

To the south of the site is Tongham Service Station which includes a Shell petrol station and Starbucks. Some utility inspection covers were observed within the roadway leading to Tongham Services and adjacent verge.

The Blackwater River runs approximately west to east, around 85m from the northern site boundary. A footpath is also located 55m north of the northern boundary.

7.5 Inaccessible Site Areas

All areas of the site were accessible during the site walkover.





Site Photographs 7.6

A series of photographs showing the site at the time of our walkover survey is included in Appendix B.

PRELIMINARY SITE MODELS С

Conceptual Engineering Geological Ground Model 8

From the desk study information and walkover undertaken at this site the following conceptual ground model has been formulated.

Data Source	Comments
	The recorded soils beneath the site comprise superficial River Terrace Deposits over Lambeth Group over Lewes Nodular Chalk. The site is also mapped within an area of 'worked ground'.
Geology	Based on boreholes carried out as part of the Tongham Services development the soils comprised a thin covering of Made Ground (approx. 0.3m thick), over variably clayey sand to around 0.8/1.3m, over silty sandy clay to 4.5m (final depth of boreholes). Within two of the boreholes mudstone was encountered from 2.0/3.5m depth. From nearby BGS data, the chalk is anticipated in the region of 4m to 9m below ground level.
Former Site Use	The earliest OS mapping (1883) the site area is shown to be part of field with a ditch/drain running north to south across the centre of the site. The site appears to remain unchanged until around 1999 where the ground appears to have been worked; potentially used as part of the adjacent quarry site, which finished extraction in 2010. By June 2018 the site becoming grassed/vegetated with some tracks across the site. The site appears to have been reworked again during the construction of Tongham Services located to the south of the site.
	Deep made ground is not anticipated across the site. Localised areas of Made Ground may, however, be encountered.
	The depth of groundwater beneath the site is not known at this stage. Borehole data from the Tongham Services development did not encountered groundwater, at depths of up to 4.5m(bgl), during drilling. A nearby exploratory hole (located 240m west) indicated standing water levels at around 7m below ground level.
	The River Terrace Deposits and the Lambeth Group are both classified as Secondary A Aquifers.
Groundwater	The site is mapped within an area with the potential for groundwater flooding to occur at the surface.
	Seepages or groundwater inflows may be encountered within any potential superficial deposits or within the Lambeth Group.
	Groundwater levels vary considerably from season to season and year to year, often rising close to the ground surface in wet or winter weather, and falling in periods of drought. Long-term monitoring from boreholes or standpipes is required to assess the groundwater regime
Surface Water	The site is not mapped within an area at risk of surface water flooding. However, the site is located within an area of high fluvial flood risk, which means that each year this area has a chance of flooding of greater than 3.3%.
	Suitable surface water drainage will need to be considered for the proposed development.
Potential Geo- hazards	It is possible shrinkable clay soils may be encountered beneath the site and are subject to changes in volume as their moisture content is altered. Soil moisture contents vary from season to season and can be influenced by a number of factors including the action of roots. The resulting shrinkage or swelling of the soil can cause subsidence or heave damage to foundations, the structures they support and services.
	The sand materials may run and be highly unstable in excavations or boring operations, particularly below the water table.





On the basis of the available information the geotechnical categorization for the proposed structure(s) is considered to fall within Geotechnical Category 2 - Conventional structure with no exceptional risk or difficult ground or loading conditions; Eurocode 7 Ref [16].

9 **Conceptual Site Model**

In the context of this report, the conceptual model summarises the potential pollutant linkages identified for the site and forms the basis of the risk assessment for the site. The preliminary model comprises the potential sources of contamination, receptors that could be harmed and exposure pathways identified from the desk study and walkover survey. These potential linkages form the basis upon which the investigation is designed and reported.

9.1 Potential Sources of Contamination

Based on the available desk study information, the site has a history as a field before the ground appears to have been worked (potentially used as part of the adjacent guarry site) and was later reworked again during the development of the nearby Tongham Services. The site is located within a predominantly commercial and agricultural area.

A few potentially contaminative uses have been identified, both on site and in the locality.

On-Site Sources 9.1.1

Potential Source	Potential Contaminants		
Possible Made Ground/worked soils	Heavy metals, asbestos, petroleum hydrocarbons, PAH compounds.		
Potentially Infilled drain	Heavy metals, asbestos, petroleum hydrocarbons, PAH compounds, land gases.		

It is possible that the site is underlain by Made Ground due to the apparent ground disturbance etc caused during the previous development and land uses in the surrounding area, as well as from a potentially infilled land drain, which previously crossed the site. Such ground may contain a wide range of contaminants, arising from the site itself or possibly from off-site sources where materials/soils have been imported onto the site. Given that the majority of the site is proposed to be hard covered, with buildings, parking and roadways, the Source-Pathway-Receptor pollutant linkage is broken by the permanent hard barrier therefore the risk to the proposed end users is considered negligible. However, there could be considered a low potential risk to site workers during the development works and for any soft-landscaped areas, if proposed as part of the site development proposals.

In addition, the potentially infilled drain could be considered a source of ground gases, depending on the nature and depth of the potential infill material. Given the small size of the feature the potential risk from this source is considered low at this stage.

Off-Site Sources 9.1.2

The site may be impacted by contamination migrating from beyond the site boundary. The following potential off-site sources have been identified.

Potential Source	Distance from Site Boundary	Direction	Potential Contaminants	Likely hazard to Site
Petrol Station	17	S	S Petroleum Hydrocarbons	
Made Ground	30	Heavy metals, asbestos, petroleum N hydrocarbons, PAH compounds, ground gases		Very Low to negligible
Alluvium	30	N	Ground gases (from organic materials)	Very Low



Potential Source	Distance from Site Boundary	Direction	Potential Contaminants	Likely hazard to Site
Landfill	119	NE	Heavy metals, asbestos, petroleum hydrocarbons, PAH compounds, VOCs, SVOCs, ground gases.	Very Low to negligible

Tongham Services, including a petrol station, is located around 17m south of the site. This is likely to have underground fuel storage tanks and it is also possible that the small surface fuel spills may have occurred over time, although these would likely to be small and localised. From historic mapping the petrol station is understood to be relatively newly constructed (within the last 2-3 years) so underground tanks are assumed to be of modern construction and in good condition with leaks, therefore, unlikely. From the walkover the surfacing at the petrol station (concrete around the pumps, and blacktop roads) appeared to be in good condition so any small fuel spillages are by unlikely to have contaminated the ground. Given the above and that a majority of the subject site is proposed to be hard covered the risk to the proposed end user and site workers from contaminates arising from this source is considered negligible.

In the area surrounding the site there is also an area of mapped Made Ground and a registered historic landfill. These materials have the potential to contain a wide range of contaminants. Again considering the site is to be hard covered the risk to the proposed end users from contaminates migrating onto the site is considered negligible, but there is considered to be a very low risk to site workers from any potential mobile contaminants arising from these sources. In addition, depending on the nature and depth of the Made Ground/deposited waste material there is a potential risk of ground gases migrating onto the subject site, however the risk from these sources is considered very low.

Alluvial material is also mapped just north of the site which may contain organic material which is considered a potential source of ground gases. The risk from this source is also considered very low.

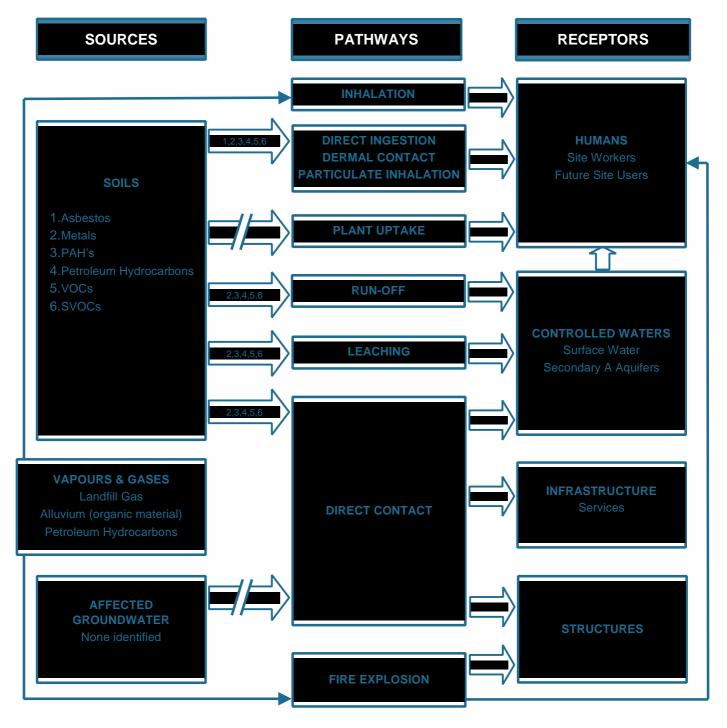
A phase 2 site investigation, including contamination laboratory testing etc, is recommended to confirm the conceptual model above and assess the extent/depth/nature of any made ground materials within the site, together with the underlying natural ground conditions.





9.2 Pollutant Linkages and Conceptual Site Model Summary

The following diagram shows the potential pollutant linkages identified for the site and summarises the preliminary conceptual model:



Denotes potential pollutant linkage not complete.





10 Conclusions and Recommendations

The site is a roughly rectangular area of shrubland located to the north of Tongham Services Station. It is proposed to construct a new McDonalds, together with associated car parking and drive-thru lane.

Based on the results of the desk study search and the walkover survey, and considering the site is to be hard covered, with buildings, parking and roadways, the overall risk to the proposed end users from on-site and off-site contamination associated with both historical and current land uses is considered negligible, as the Source-Pathway-Receptor pollutant linkage is broken by the permanent hard barrier. However there would be considered a very low to low risk to site workers during the development works and for any soft-landscaped areas, if proposed as part of the site development proposals.

In addition, a very low to low risk of ground gases has been identified due to potential made ground and infilled drainage ditch as well as an historic landfill identified within the near vicinity of the site.

In order to confirm the assessed risks in this desk study in relation to the proposed redevelopment of the site, a Phase II intrusive investigation will need to be completed. Such an investigation should include sampling and testing of any Made Ground and underlying natural soils. The chemical analysis should assess the Conceptual Model presented within, and confirm whether there is a need for any remedial works or additional assessment. Any Phase 2 investigation should also include ground gas monitoring across the site to determine the risk to the proposed end users.





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- [2] Contaminated Land: Applications in Real Environments (CL:AIRE), "Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination," 2014.
- [3] CIRIA, "C665 Assessing risks posed by hazardous ground gases to buildings," 2007.
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- [13] Chelsea Spelaeological Society, "Various Records, Journals and Special Publications".
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- [15] CIRIA, "C681 Unexploded Ordnanace (UXO) A guide for the construction industry," 2009.
- [16] BSI Standards, "Eurocode 7 Geotechnical Design," 2013.







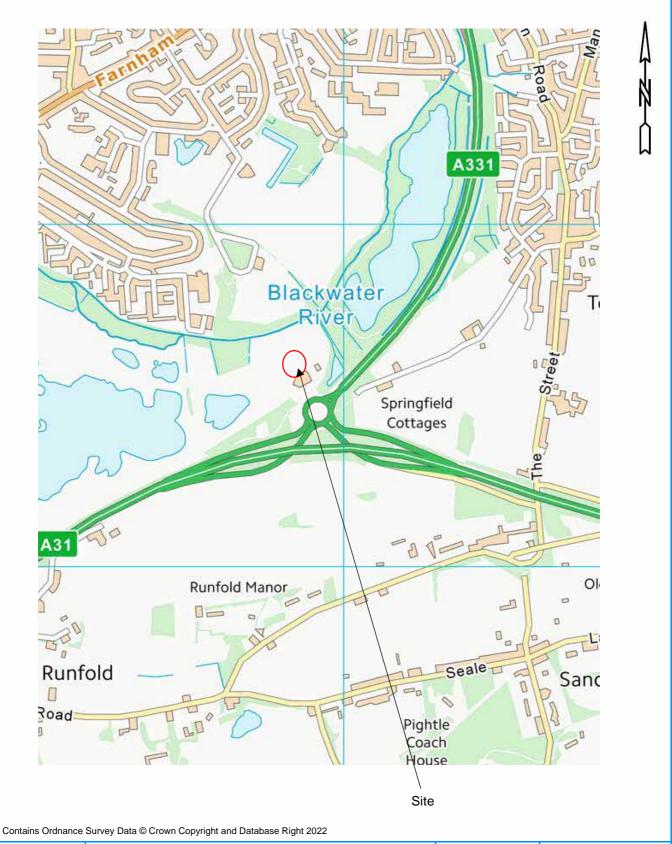
APPENDIX A

Site Plans

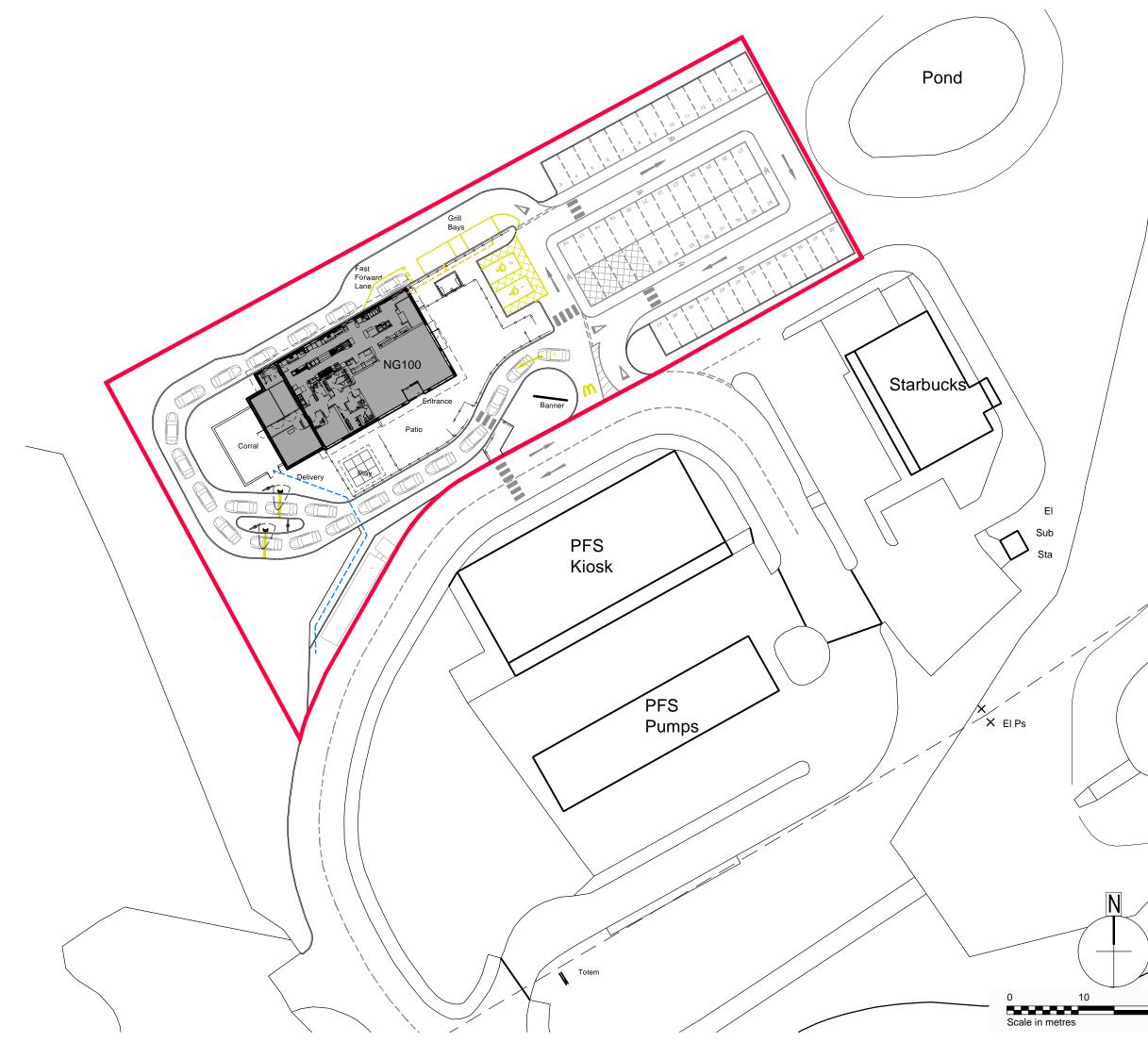








Site:	Tongham Services, Farnham, GU10 1FP	Project ID	J15186
Figure 1	Site Location Plan	Date:	27/06/2022





Scurr Arch 85 Southdown Harpenden Hertfordshire AL5 1PR T: 01582 7939 email: scurreft lesigners 👥



Notes:

All drawings to be read in conjunction with all other drawings as noted on issue sheet.

- Whole Site Demise = 0.97 Acres

---- Reserve Bay Route

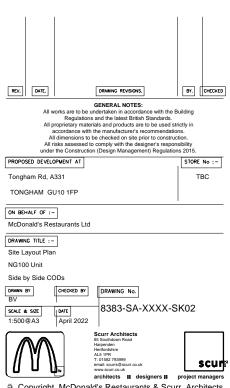
___ Delivery Route

SITE AREAS SCHEDULE		
TYPE	m²	
DEMISED SITE AREA	3928	
DT LANE	620	
CAR PARK	1330	
ΡΑΤΙΟ	580	

NG100 AREAS SCHEDULE		
TYPE	m ²	
GEA	377.3	
RENTABLE	329.3	
FOOTPRINT	377.3	

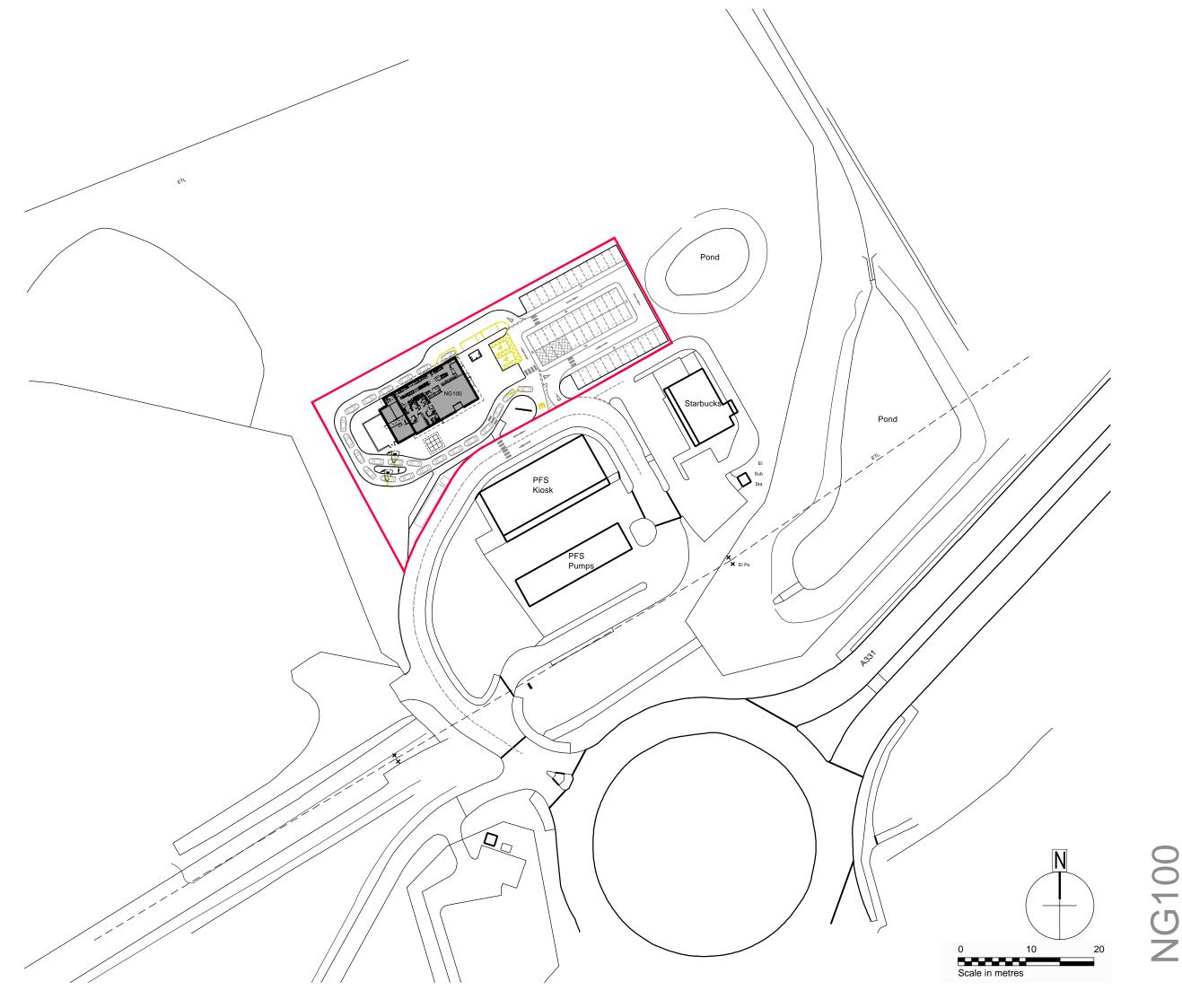
PARKING SCHEDULE		
No.		
49		
02		
02		
53		
NO		
10		
10		

VEHICLE TRACKING		
TYPE	Y/N	
FAMILY SALOON	No	
7.2m TRANSIT	No	



() 2

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Scurr Arch 85 Southdown I Harpenden Hertfordshire AL5 1PR T: 01582 79399 designers #



Notes: All drawings to be read in conjunction with all other drawings as noted on issue sheet.

- Whole Site Demise = 0.97 Acres

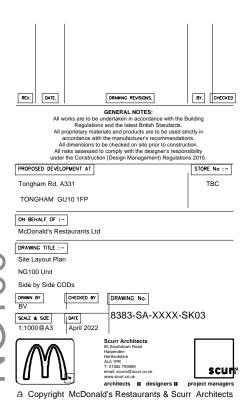
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CAR PARK	1330	
ΡΑΤΙΟ	580	

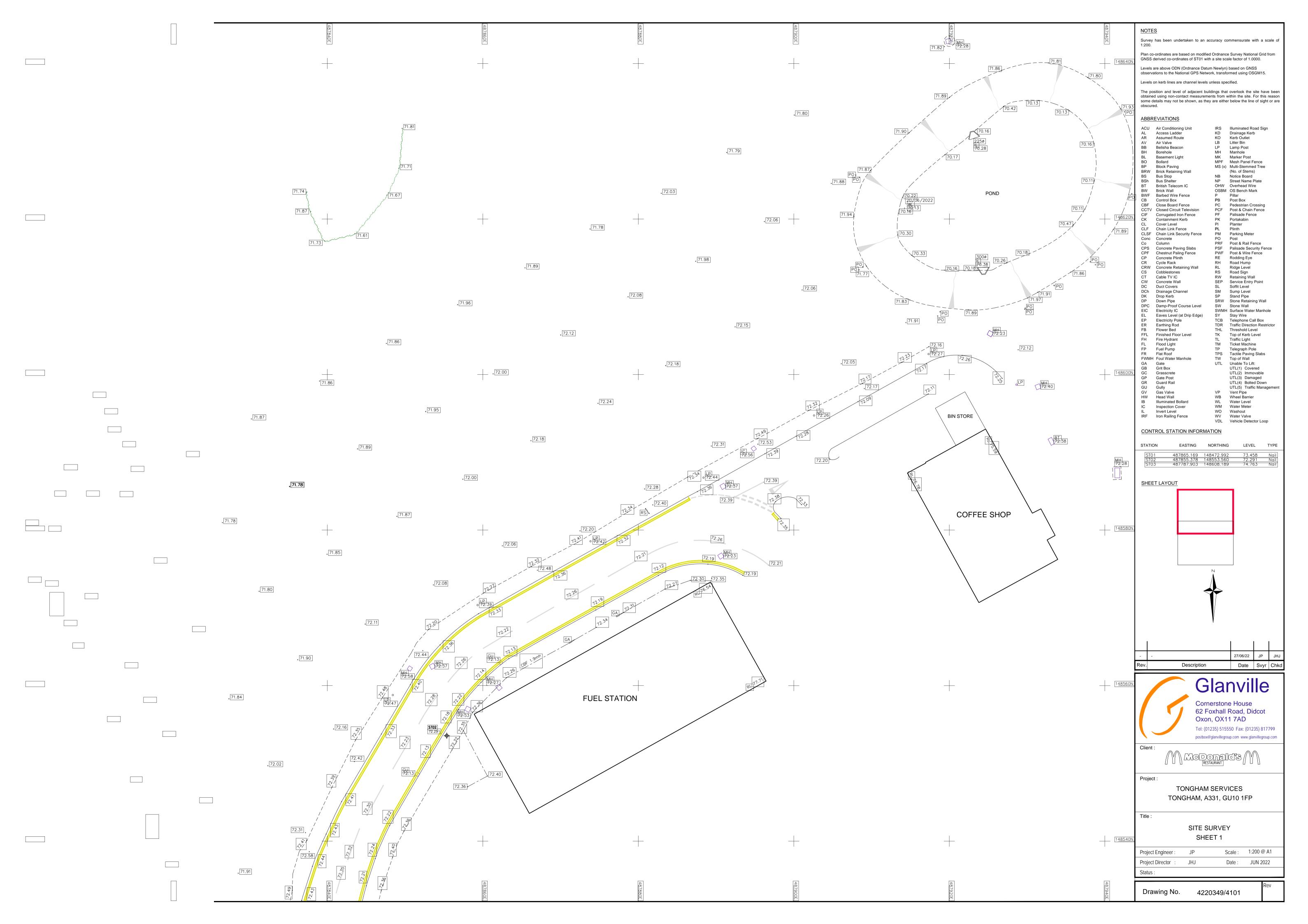
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RENTABLE	329.3	
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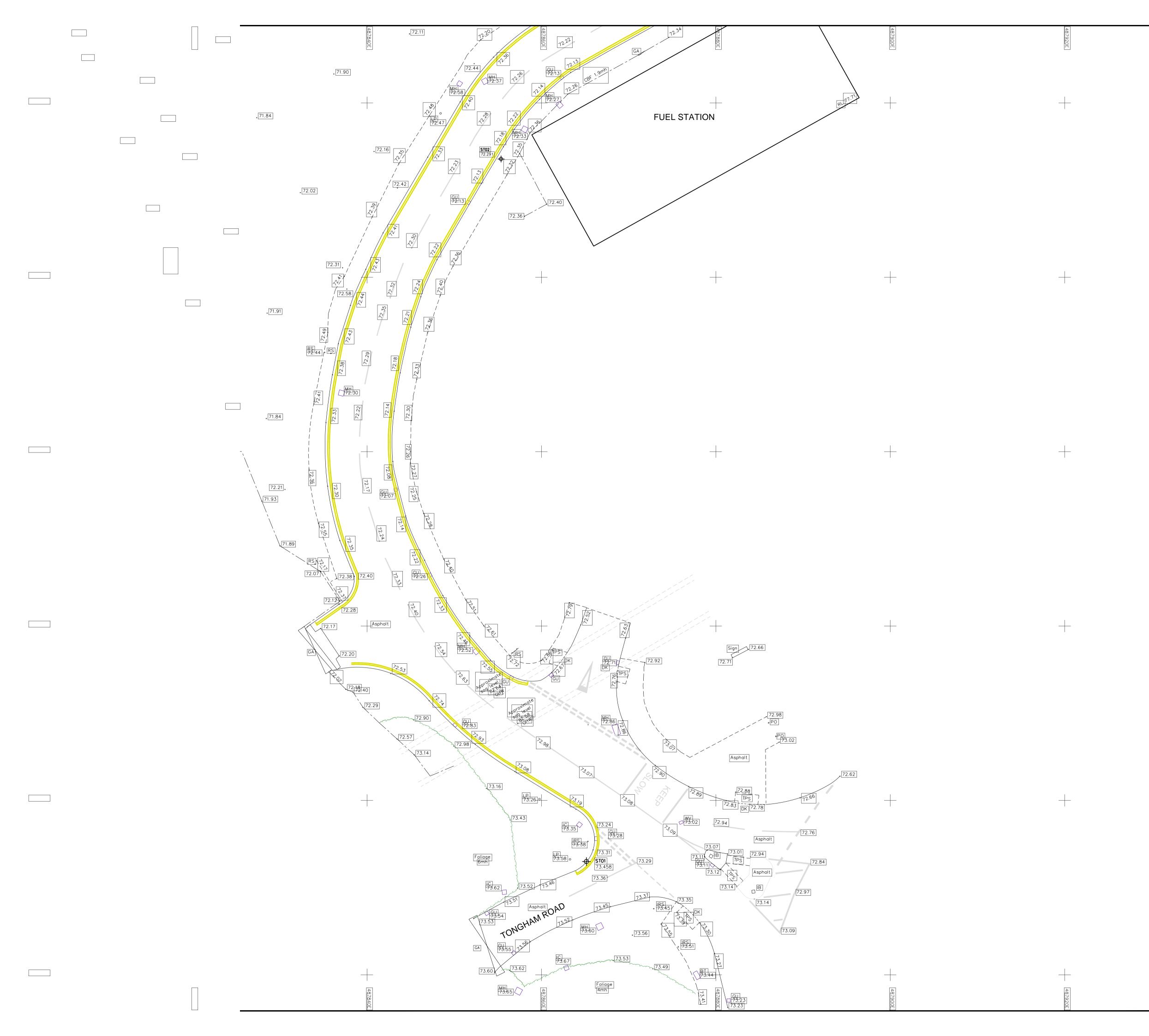
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GRILL BAY	02	
TOTAL	60	
NEARBY PARKING	NO	

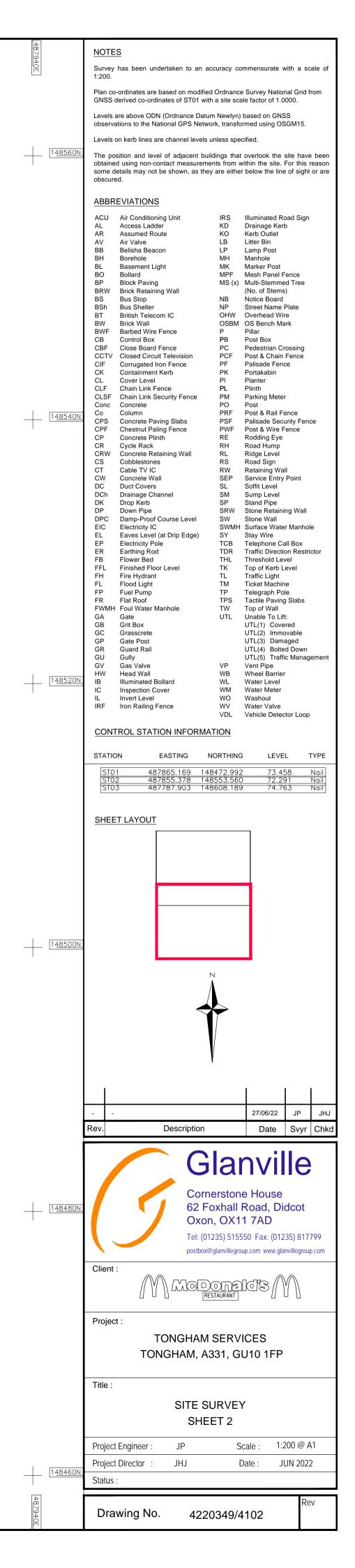
	NO
COD POSITION (CAR No.)	10
PRE - COD STACK	09

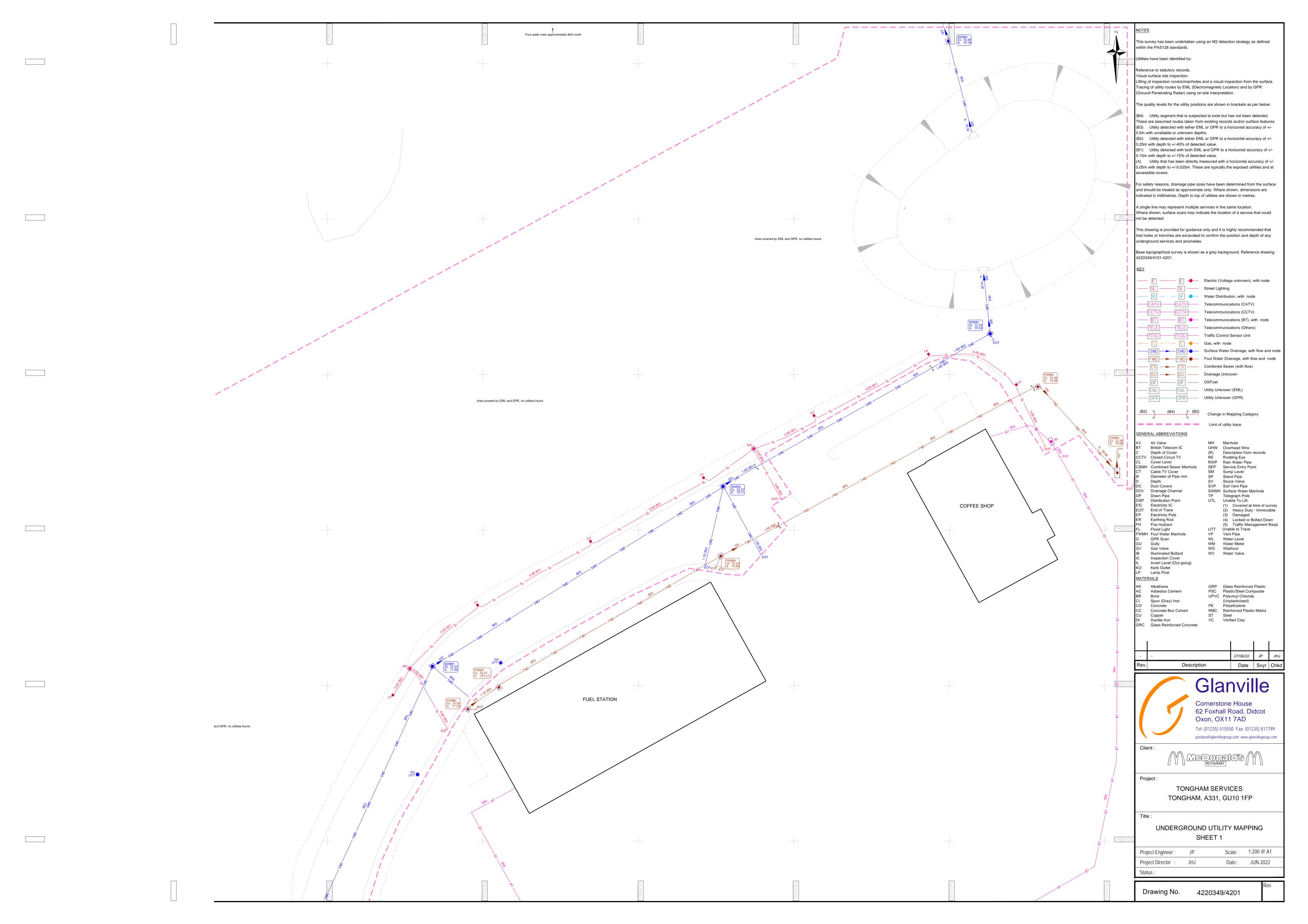
VEHICLE TRACKING	
TYPE	Y/N
FAMILY SALOON	No
7.2m TRANSIT	No













NOTES This survey has been undertaken using an M2 detection strategy as defined within the PAS128 standards. Utilities have been identified by: Reference to statutory records. Visual surface site inspection. Lifting of inspection covers/manholes and a visual inspection from the surface. Tracing of utility routes by EML (Electromagnetic Location) and by GPR (Ground Penetrating Radar) using on-site interpretation. The quality levels for the utility positions are shown in brackets as per below: (B4) Utility segment that is suspected to exist but has not been detected. These are assumed routes taken from existing records and/or surface features. (B3) Utility detected with either EML or GPR to a horizontal accuracy of +/- 0.5m with depth to +/-40% of detected value. (B1) Utility detected with both EML and GPR to a horizontal accuracy of +/- 0.25m with depth to +/-15% of detected value. (A) Utility that has been directly measured with a horizontal accuracy of +/- 0.5m with depth to +/-0.025m. These are typically the exposed utilities and at accessible covers. For safety reasons, drainage pipe sizes have been determined from the surface and should be treated as approximate only. Where shown, dimensions are indicated in millimetres. Depth to top of utilities are shown in metres. A single line may represent multiple services in the same location.
underground services and anomalies. Base topographical survey is shown as a grey background. Reference drawing 4220349/4101-4201. KEY
Diamon Diamon VC Vitrified Clay GRC Glass Reinforced Concrete - - - - 27/06/22 JP Rev. Description Date Svyr Chkd
Cornerstone House 62 Foxhall Road, Didcot Oxon, OX11 7AD Tel: (01235) 515550 Fax: (01235) 817799 postbox@glanvillegroup.com www.glanvillegroup.com
Project : TONGHAM SERVICES TONGHAM, A331, GU10 1FP
Title : UNDERGROUND UTILITY MAPPING SHEET 2 Project Engineer : JP Scale : 1:200 @ A1
Project Director : JHJ Date : JUN 2022 Status : Rev
Drawing No. 4220349/4202





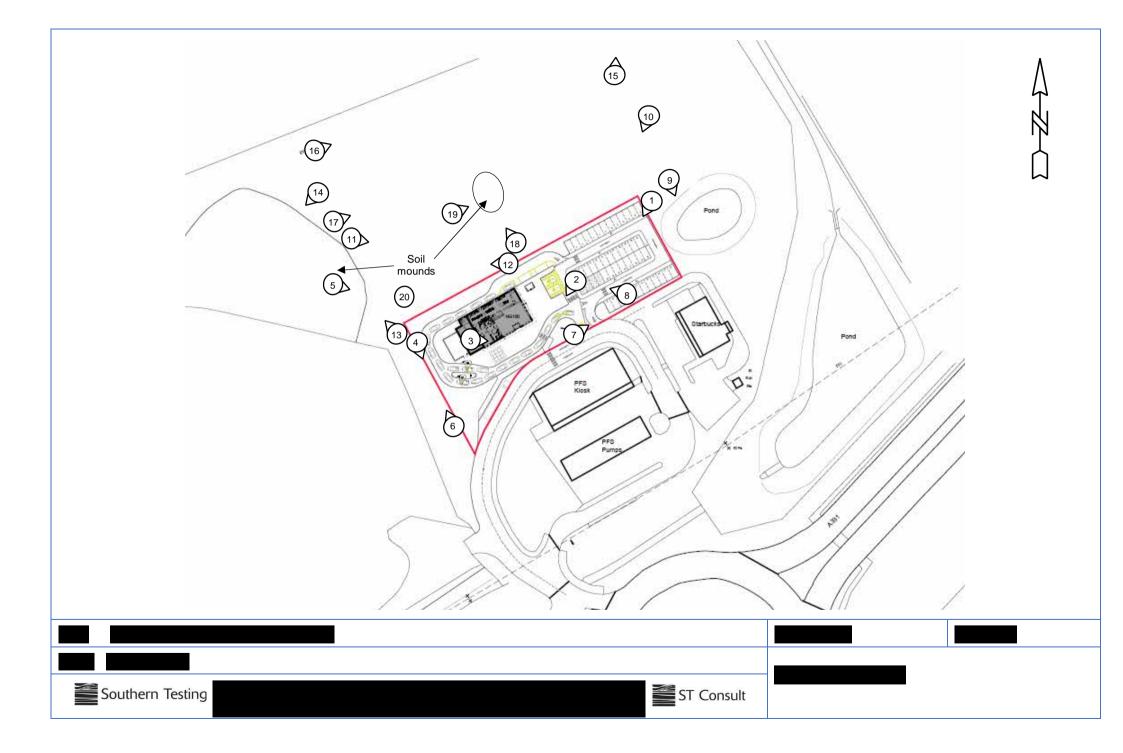


APPENDIX B

Photographs







































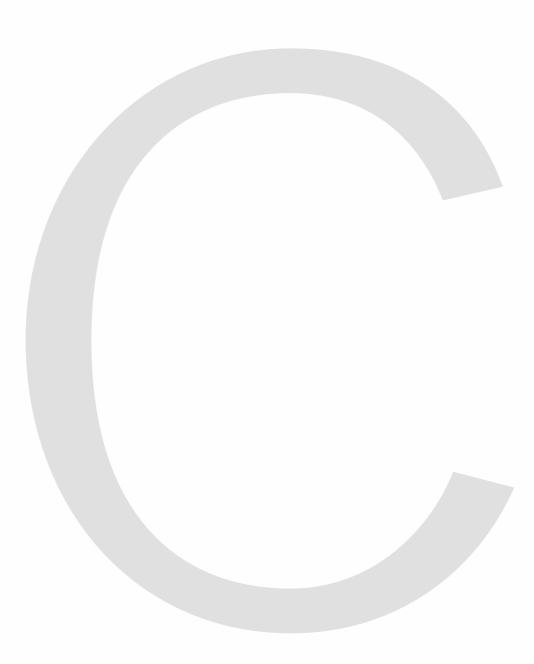




APPENDIX C

Phase 1 Desk Study – Historical Mapping



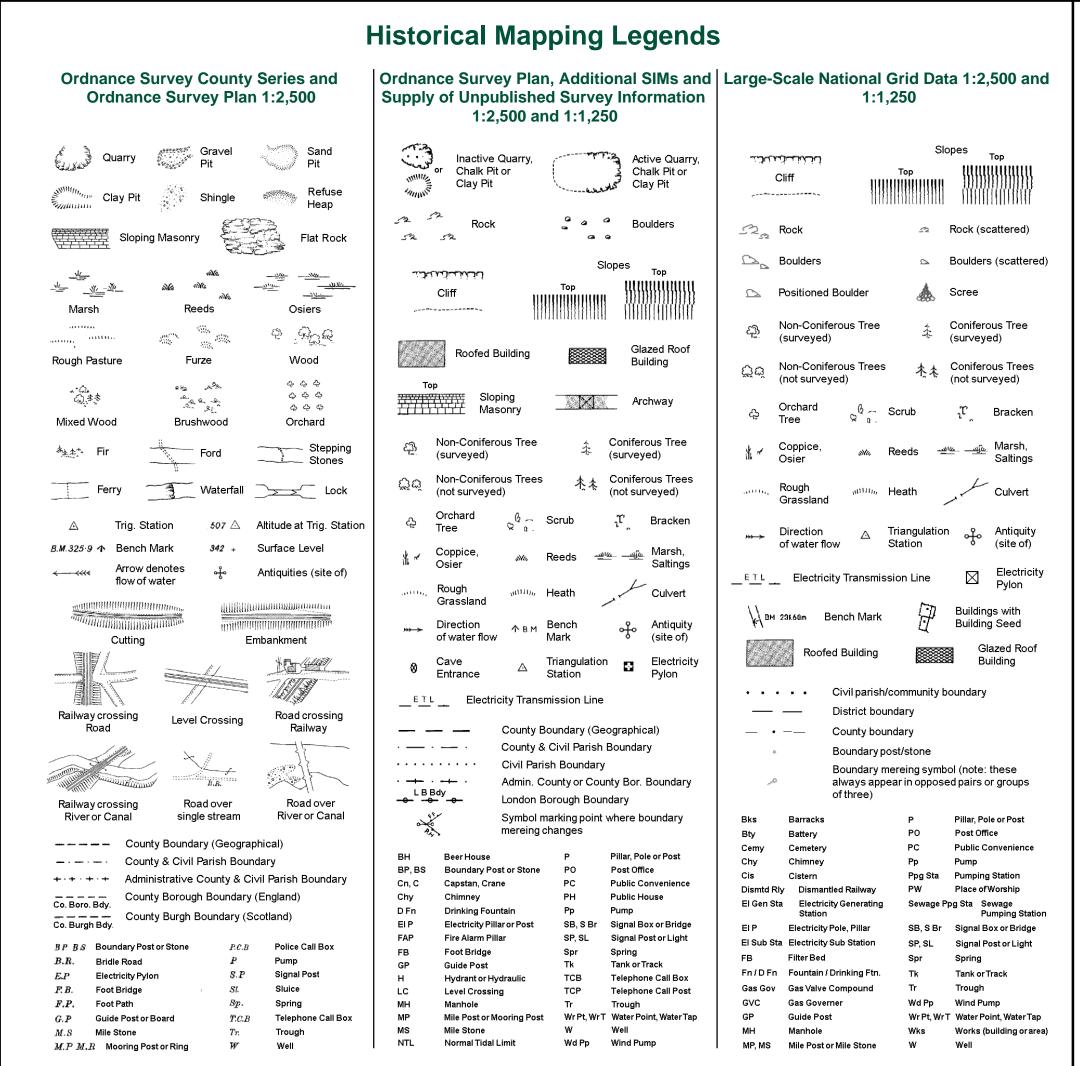




ST	Co	n	su	lt	
Environ					

Historical Ordnance Survey Map Interpretation				
Date	Scale	Features On Site	Features Off Site	Significant Potential Contamination Sources
1883	1:2500	The site is shown as part of fields. Small feature located on northern site boundary. Possible drain.	The surrounding area is mainly field and woodland. Area of woodland called 'Kiln Copse' located around 250m north. Railway Line located approximately 80m south of the site. Blackwater River located around 80m north.	
1887- 1893	1:2500	No significant changes.	No significant changes.	
1897	1:2500	No significant changes.	No significant changes.	
1916	1:2500	No significant changes.	No significant changes.	
1949	1:10560 Aerial Photo	Site appears to be part to a field.	The surrounding area is mainly fields/open land.	
1960	1:1250	Drain running north to south through centre of the site. Overground electrical line indicated across southern most corner of the site.	 Railway to south of site shown as 'dismantled. A series of drain indicated, assumed along field boundaries. Electrical poles/lines located to south-west and north-east of site. Some housing development around 400m north-west of the site. 	Worked/Made Ground
1961- 1973	1:2500	No significant changes.	No significant changes.	
1972	1:1250	Drain across centre of the site no longer shown.	Pit located around 325m north-west of the site.	Potentially infilled land.
1975	1:1250	No significant changes.	Pit potential infilled. Now shown as building. Electrical lines now only shown north of the site.	
1999	Aerial Photo	Site is shown as vacant land which appears to have been worked.	A331 and A31 now developed to south-east of the site. Land to the west of the site being worked, potential quarrying.	Possible infilled land. Worked/Made Ground
2006	1:10000	No significant changes.	Land to west of site shown as water body.	
2021	1:10000	No significant changes.	Area immediately south of the site has been developed with service station. Land to the west shown as ponds and labelled as disused pits.	Possible infilled land. Worked/Made Ground

NOTE: Additional maps at 1:10,560 and 1:10000 scale of similar age have been obtained. These maps are appended but do not provide much additional information.

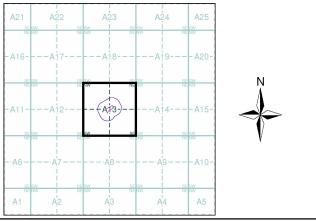




Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Surrey	1:2,500	1883	2
Hampshire & Isle Of Wight	1:2,500	1887 - 1893	3
Hampshire & Isle Of Wight	1:2,500	1897	4
Surrey	1:2,500	1897	5
Hampshire & Isle Of Wight	1:2,500	1911	6
Surrey	1:2,500	1916	7
Hampshire & Isle Of Wight	1:2,500	1931	8
Ordnance Survey Plan	1:1,250	1960	9
Additional SIMs	1:1,250	1960	10
Ordnance Survey Plan	1:2,500	1961 - 1973	11
Ordnance Survey Plan	1:1,250	1972	12
Supply of Unpublished Survey Information	1:2,500	1975	13
Supply of Unpublished Survey Information	1:1,250	1975	14
Additional SIMs	1:2,500	1979	15
Additional SIMs	1:2,500	1991	16
Large-Scale National Grid Data	1:1,250	1993	17
Historical Aerial Photography	1:2,500	1999	18

Historical Map - Segment A13



Order Details

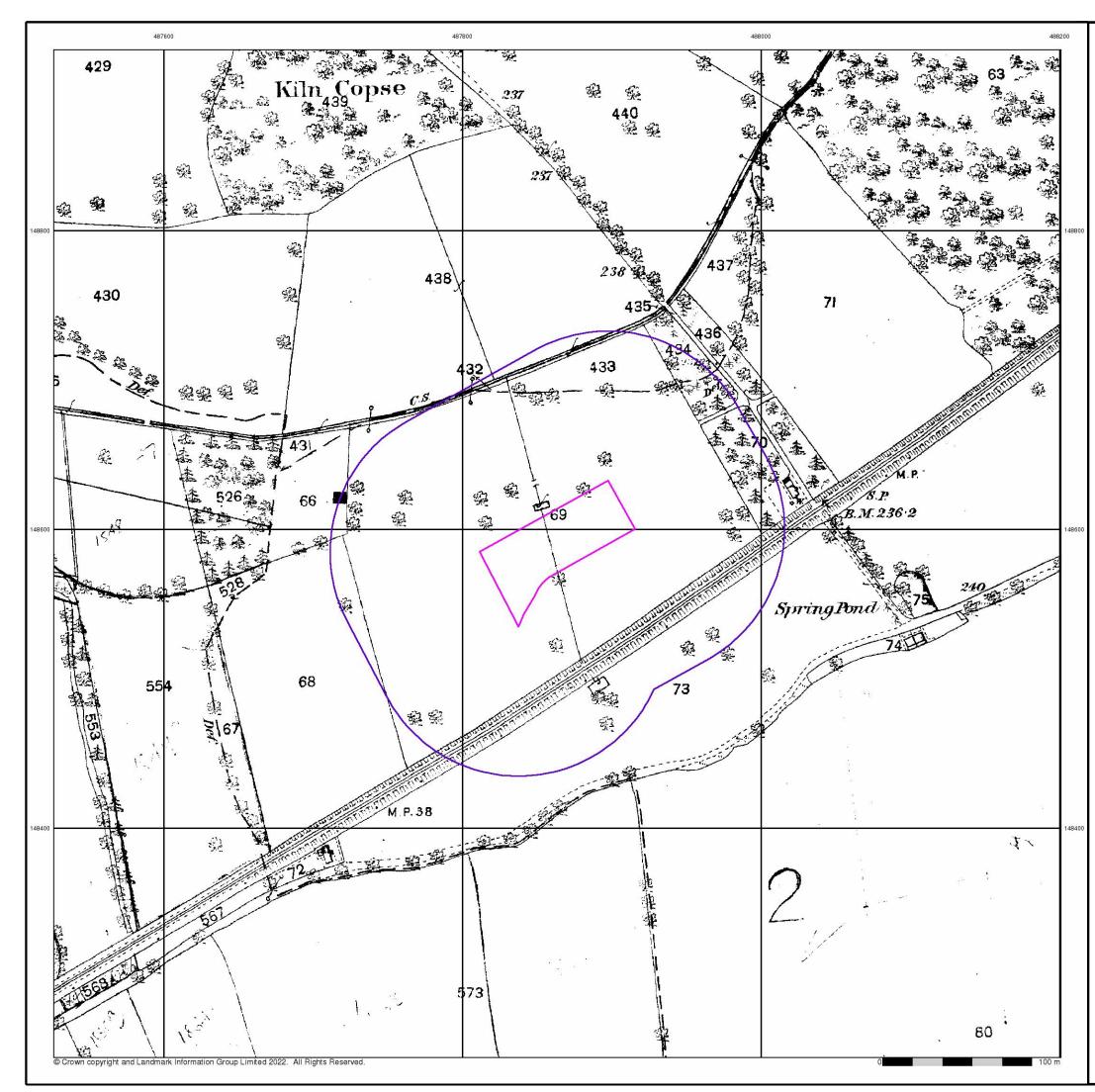
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National Grid Reference:	487860, 148590
Slice:	A
Site Area (Ha):	0.4
Search Buffer (m):	100

Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP



0844 844 9952 0844 844 9951 check.co.uk

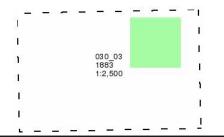




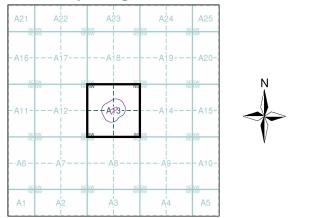
Surrey Published 1883 Source map scale - 1:2,500

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 mapping urban areas and by rose it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



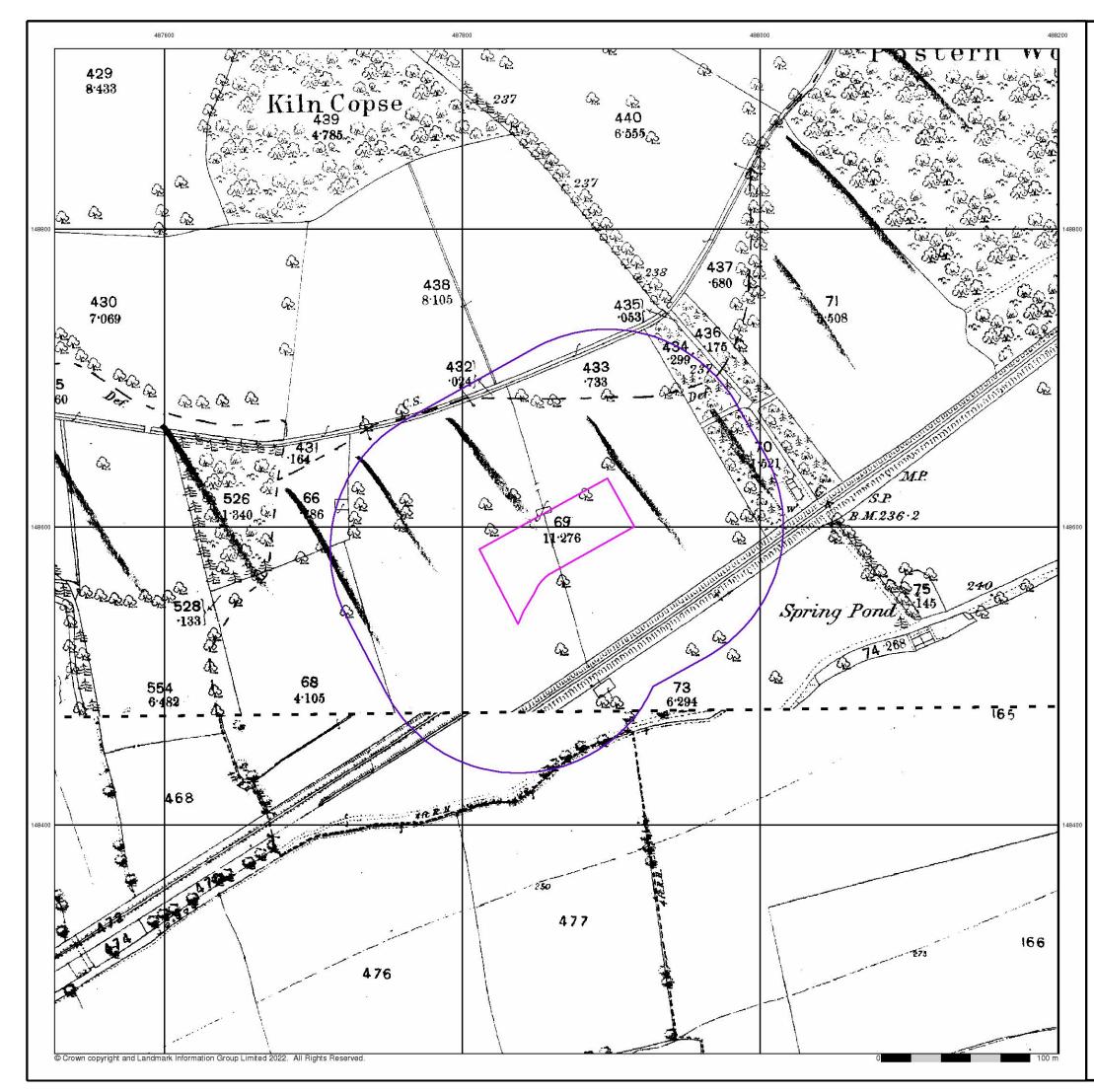
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National Grid Reference:	487860, 148590
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Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP







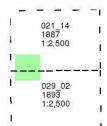
Hampshire & Isle Of Wight

Published 1887 - 1893

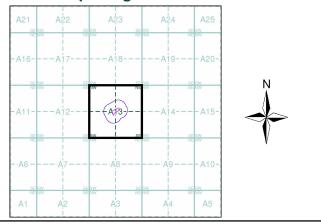
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Map Name(s) and Date(s)



Historical Map - Segment A13



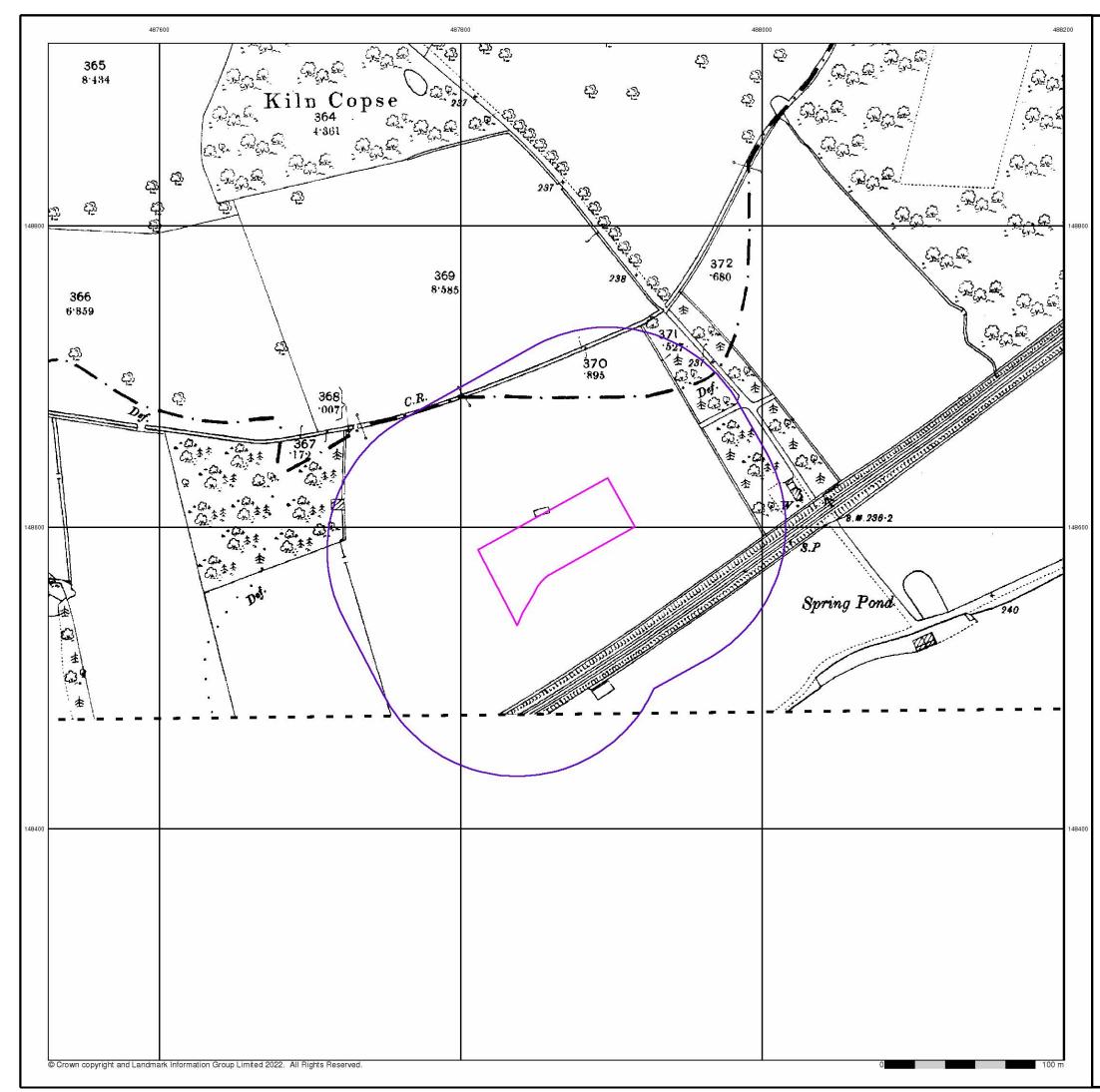
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National Grid Reference:	487860, 148590
Slice:	A
Site Area (Ha):	0.4
Search Buffer (m):	100

Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP







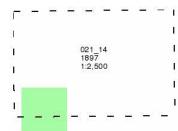
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Published 1897

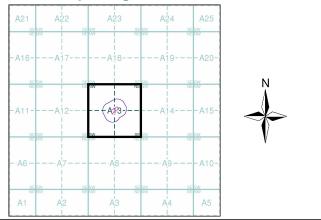
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Map Name(s) and Date(s)



Historical Map - Segment A13



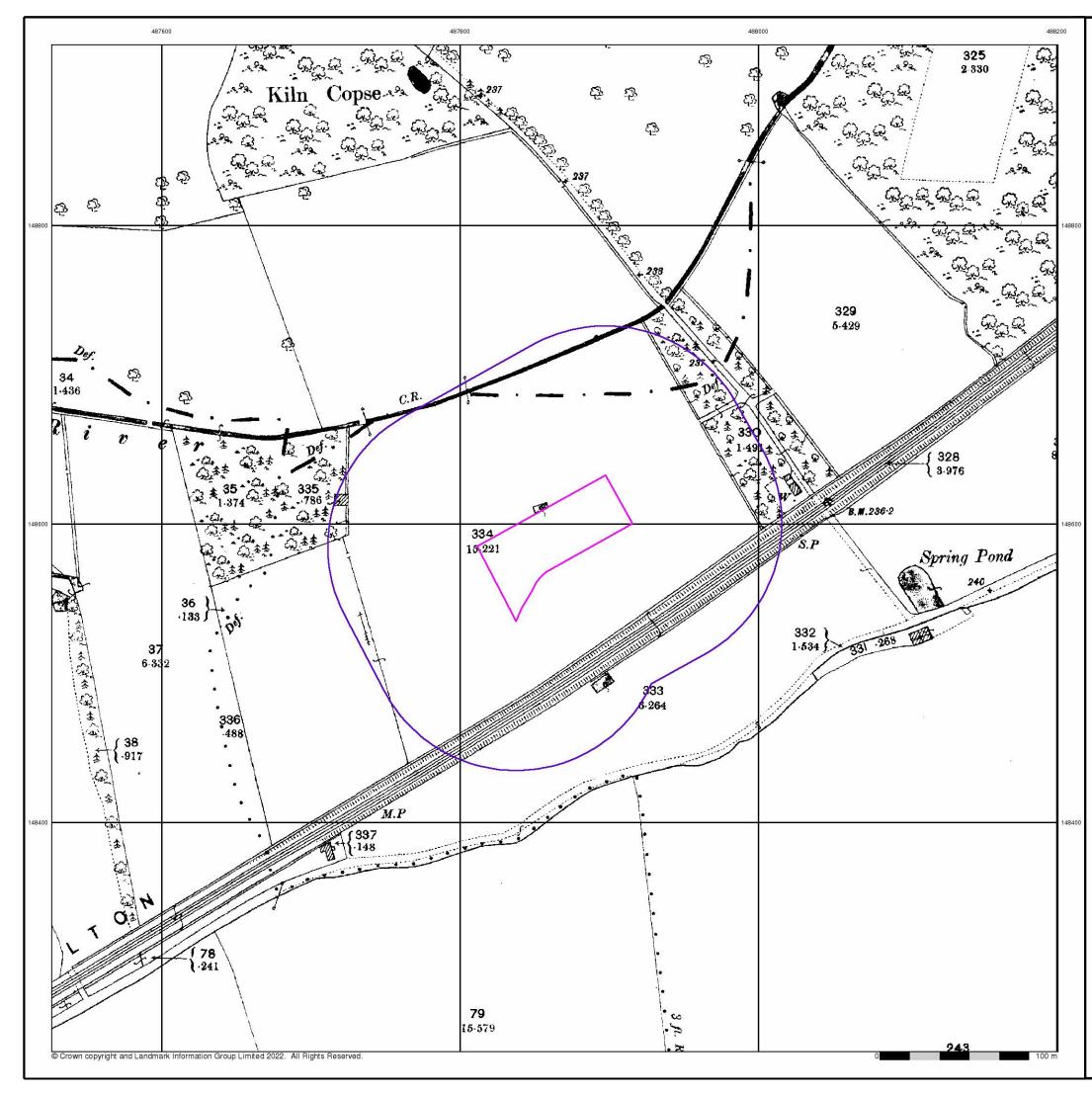
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Site Area (Ha):	0.4
Search Buffer (m):	100

Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP



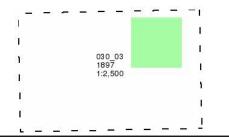




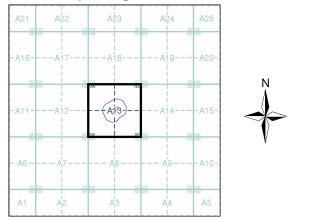
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Map Name(s) and Date(s)



Historical Map - Segment A13



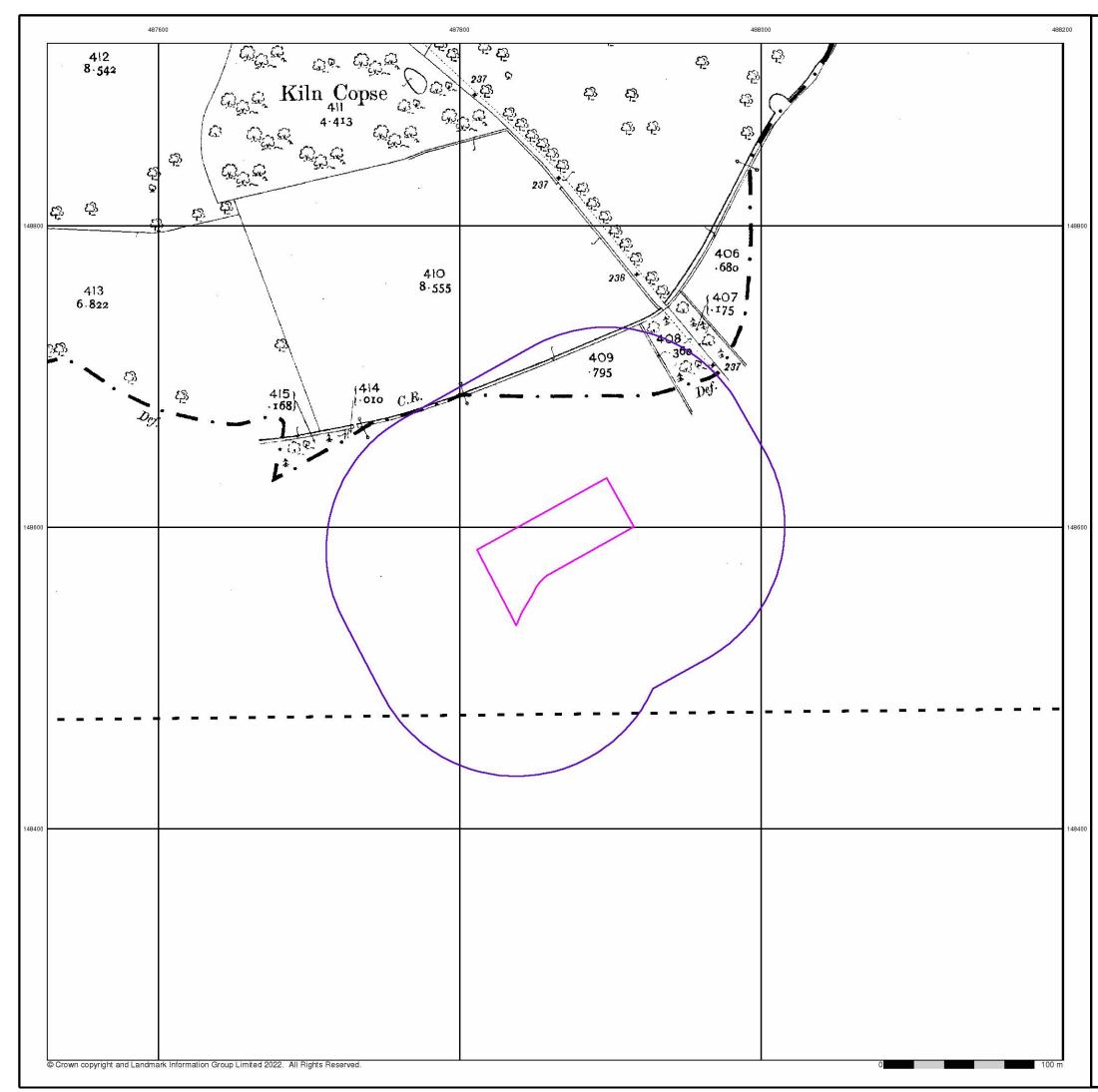
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Order Number:	296685367_1_1
Customer Ref:	J15186 - Farnham_VF
National Grid Reference:	487860, 148590
Slice:	A
Site Area (Ha):	0.4
Search Buffer (m):	100

Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP





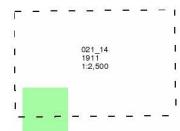


Hampshire & Isle Of Wight

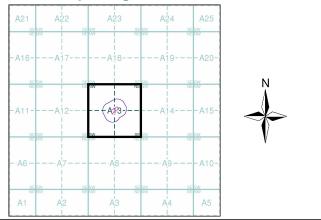
Published 1911 Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



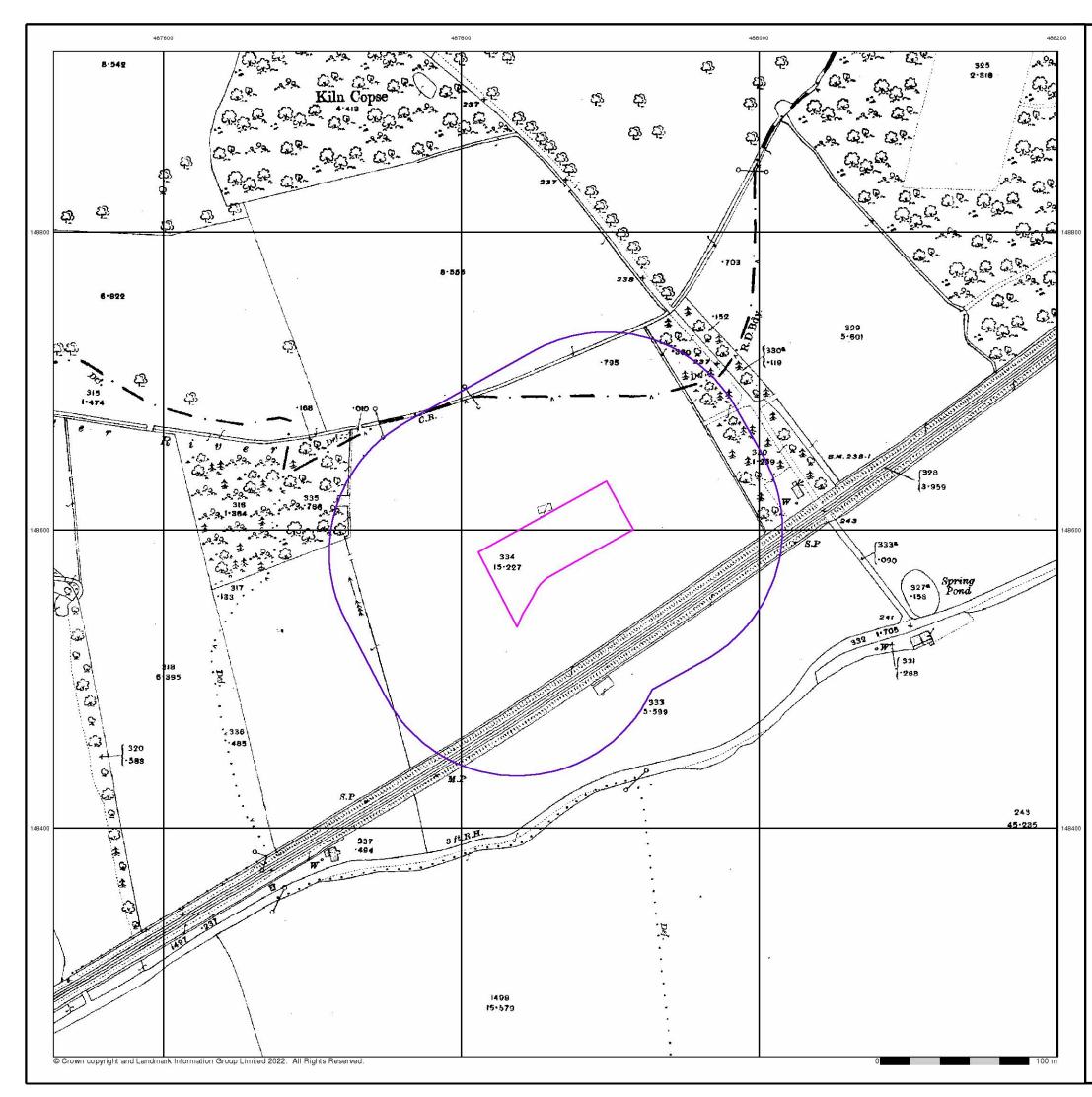
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Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP



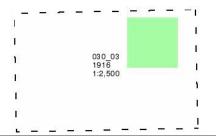




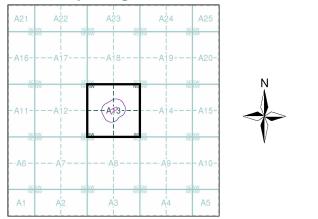
Surrey Published 1916 Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered tor mapping urban areas and by 189 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



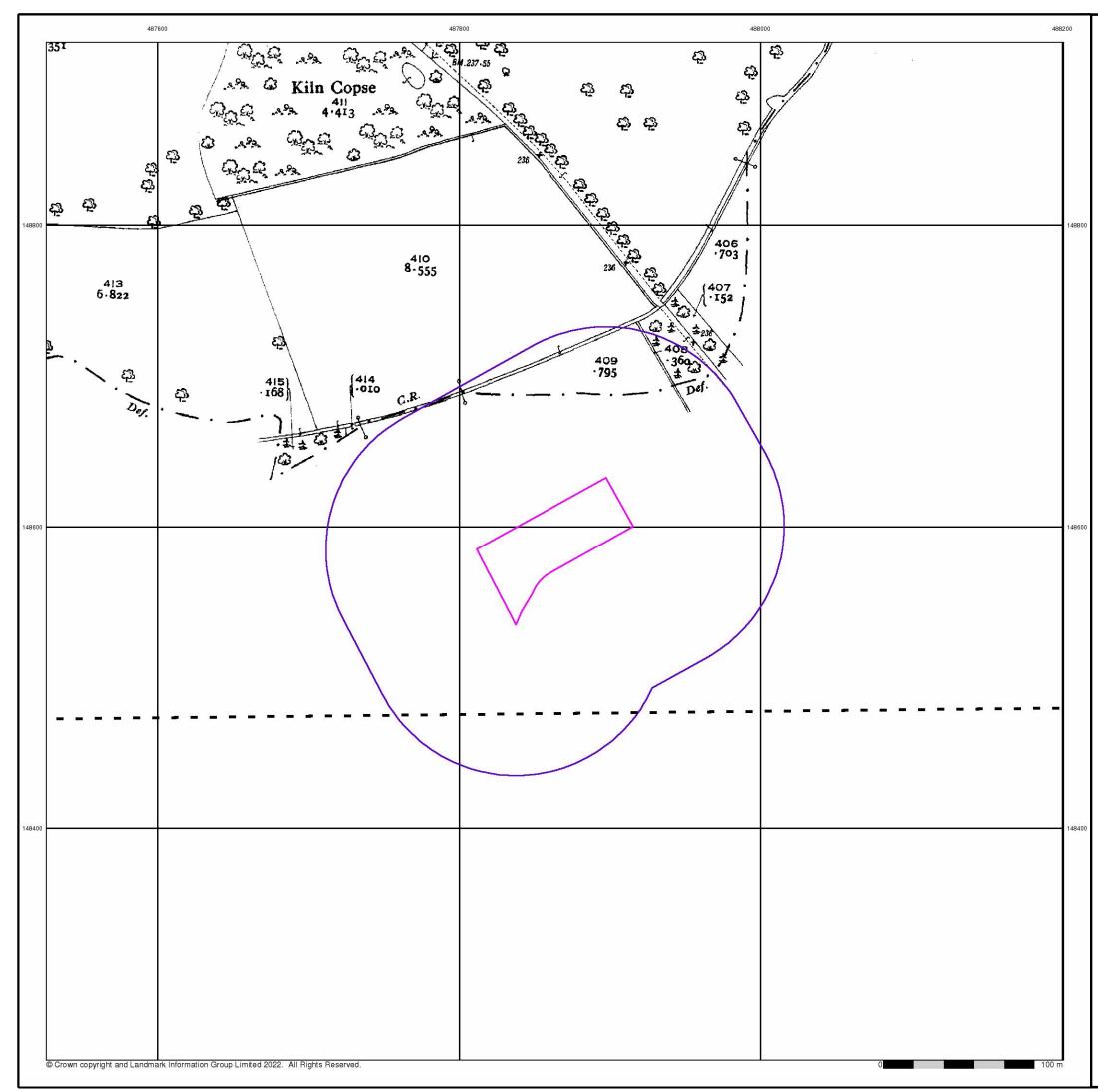
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Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP





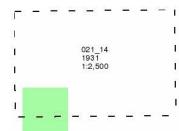


Hampshire & Isle Of Wight

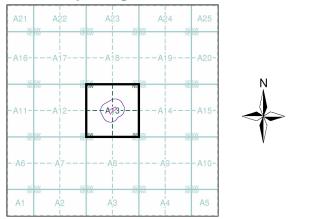
Published 1931 Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



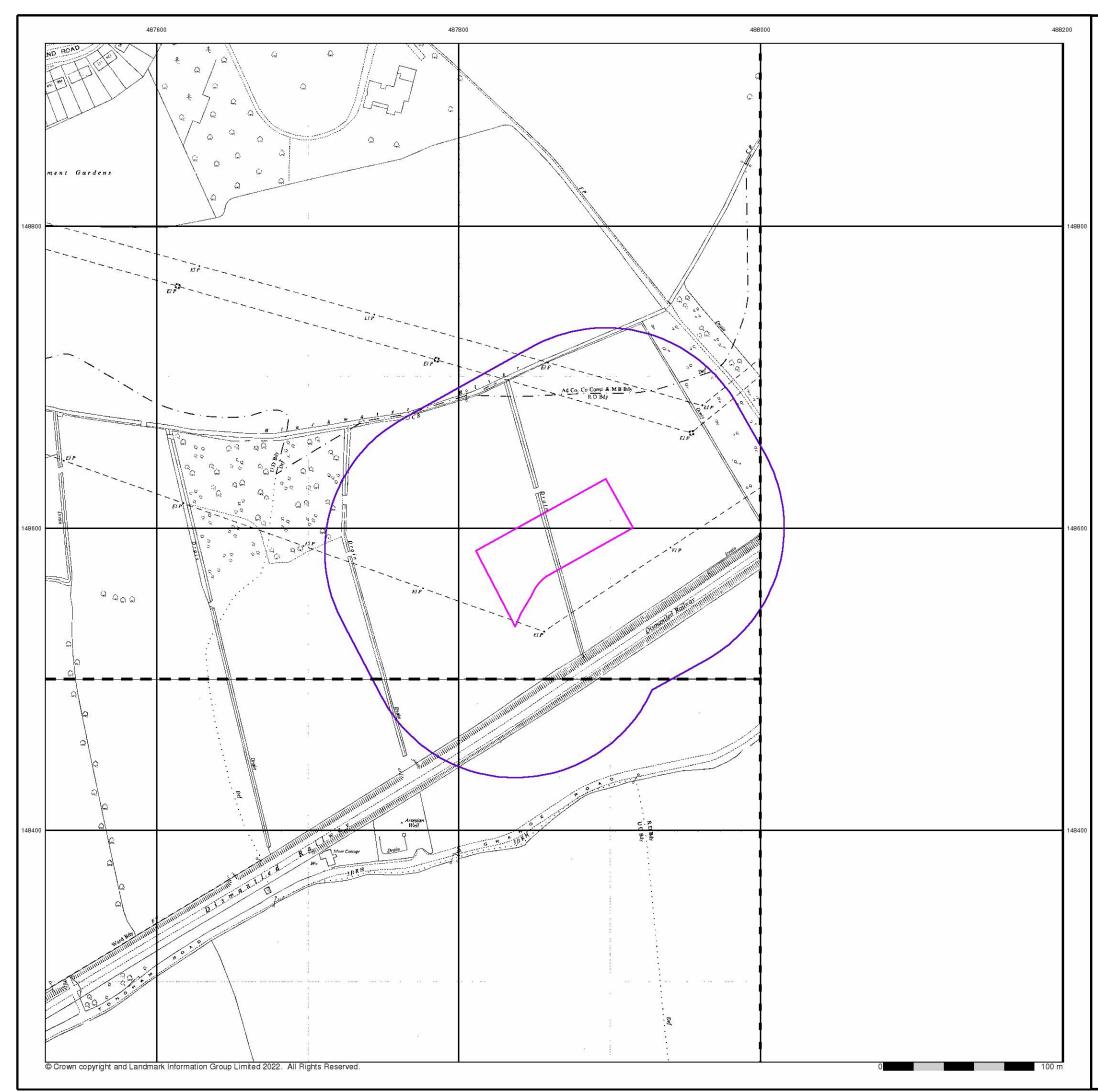
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Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP







Southern Testing

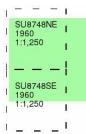
Ordnance Survey Plan

Published 1960

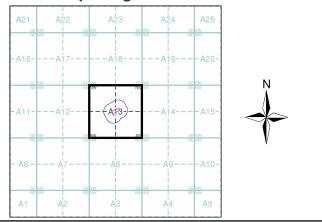
Source map scale - 1:1,250

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.





Historical Map - Segment A13



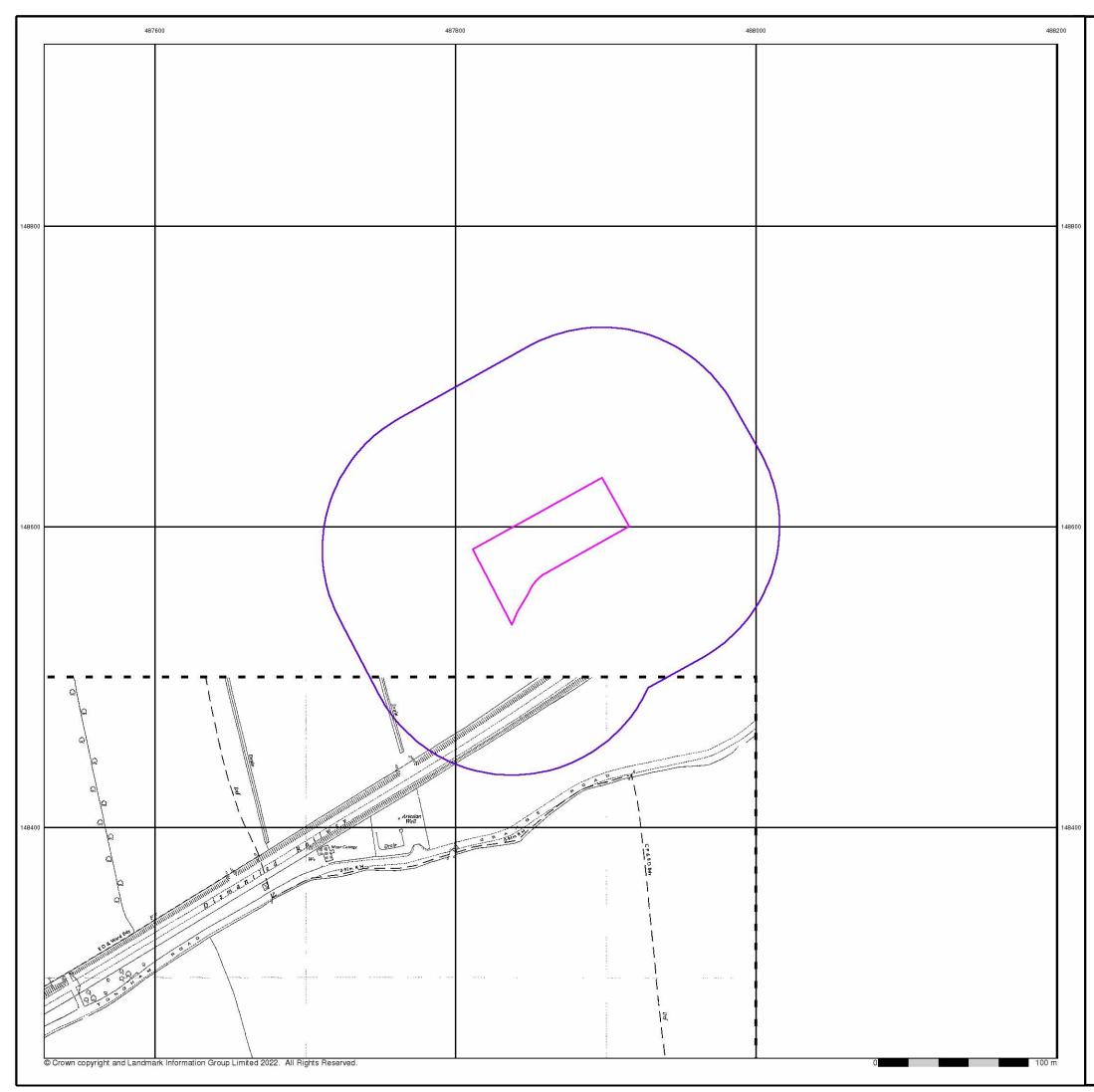
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Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP







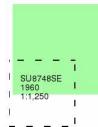
Additional SIMs

Published 1960

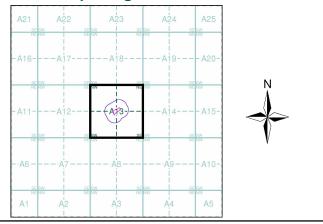
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



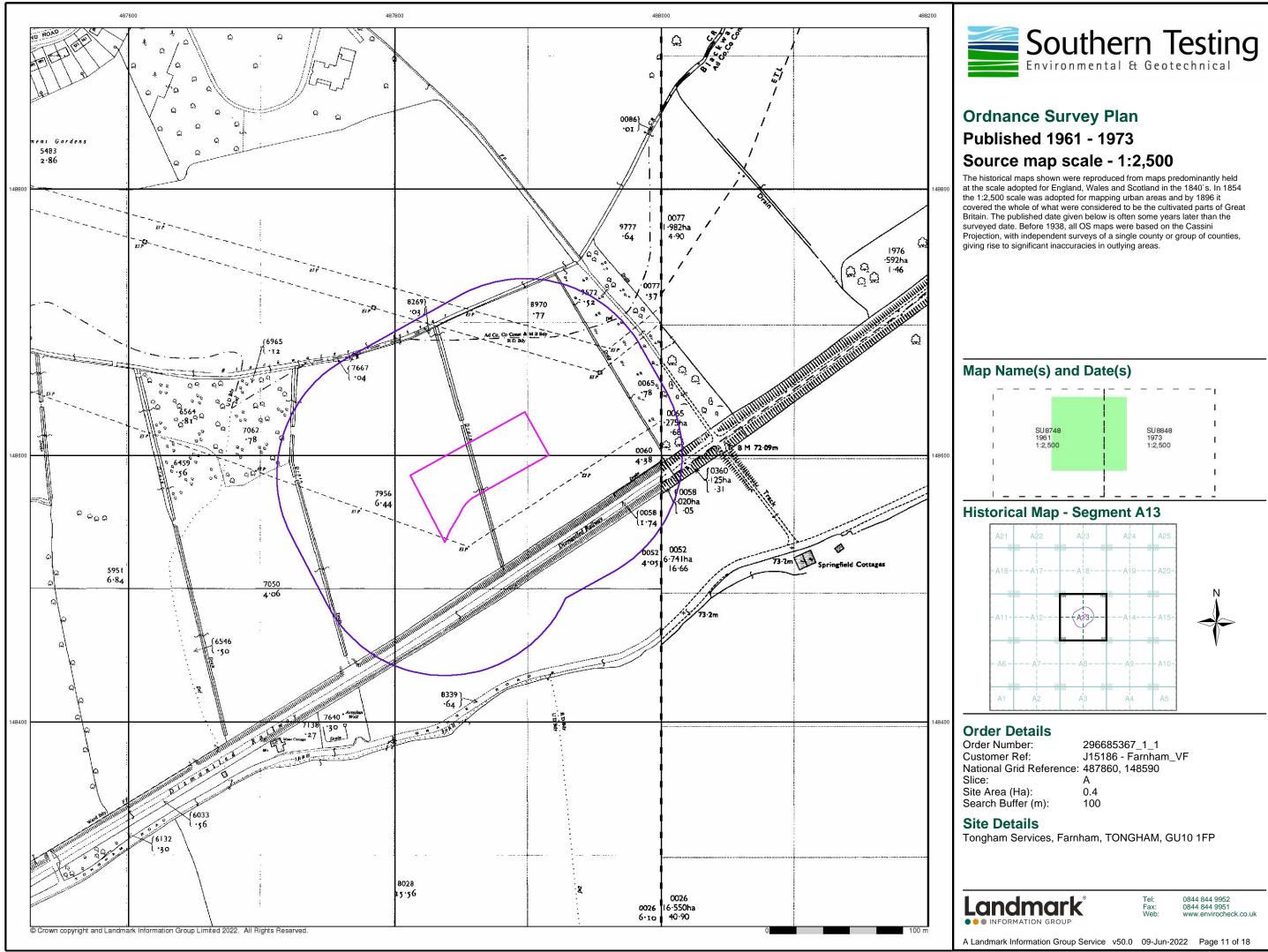
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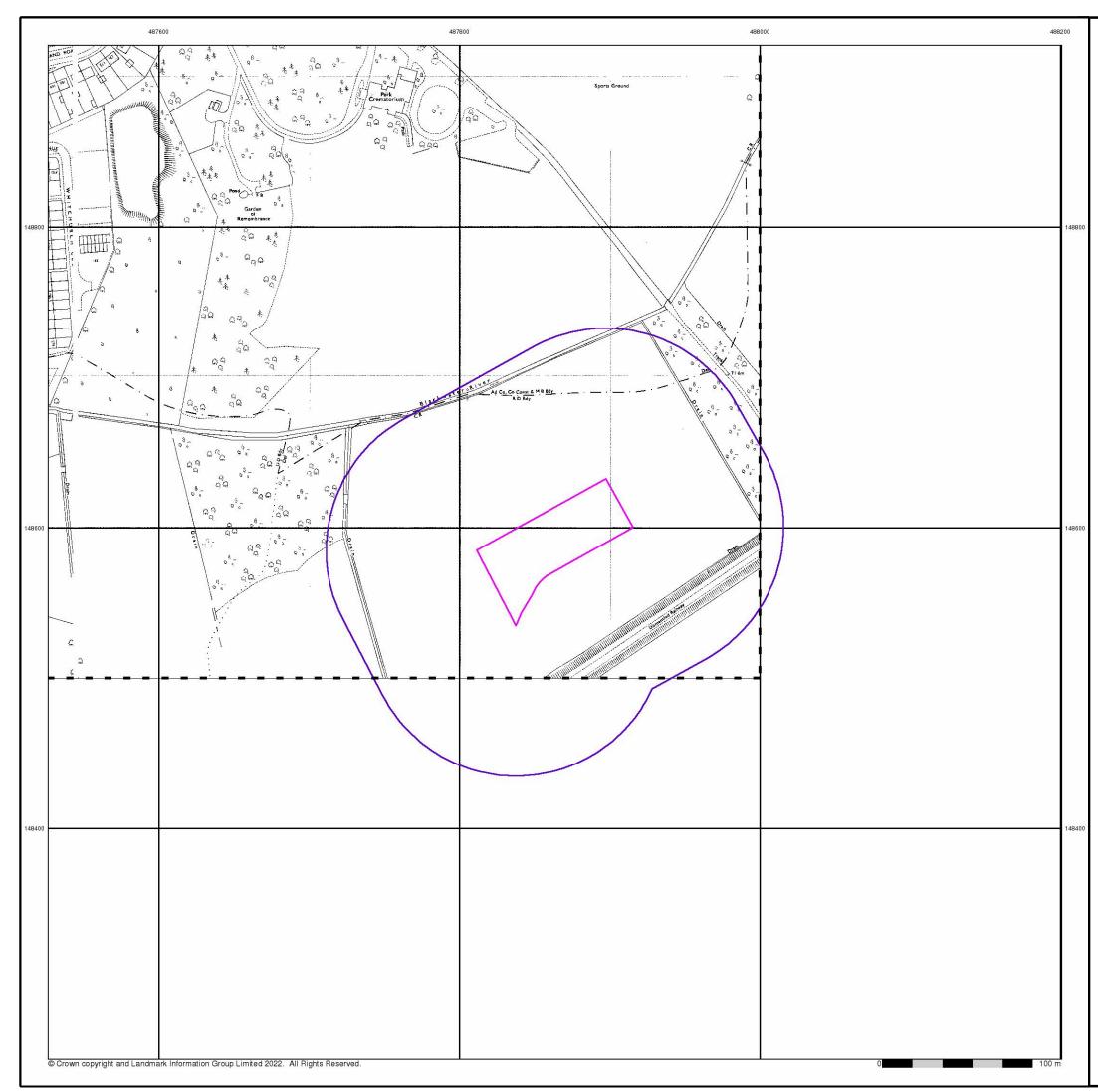
Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP











Ordnance Survey Plan

Published 1972

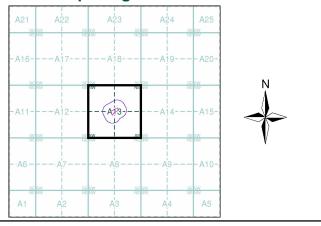
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



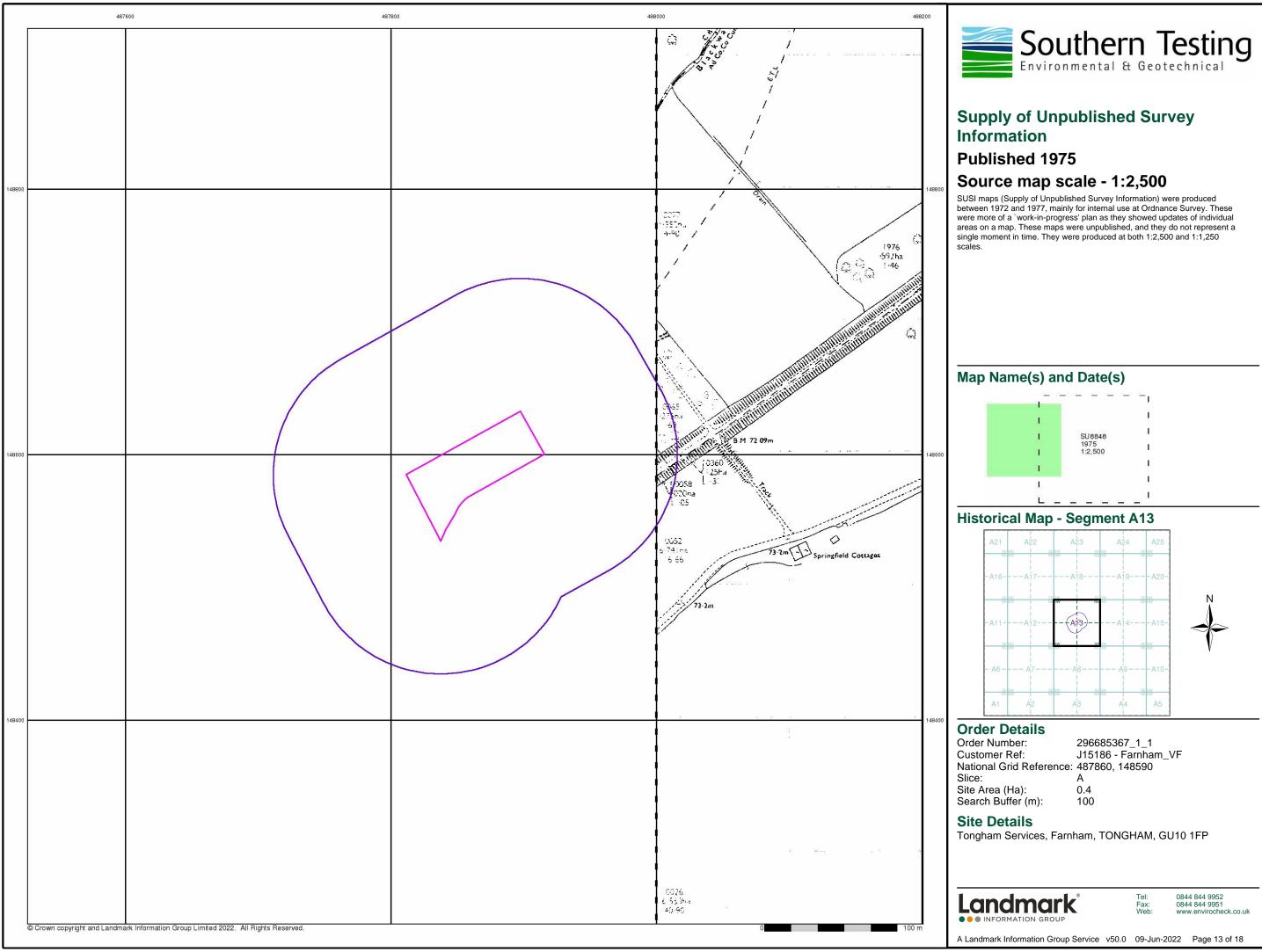
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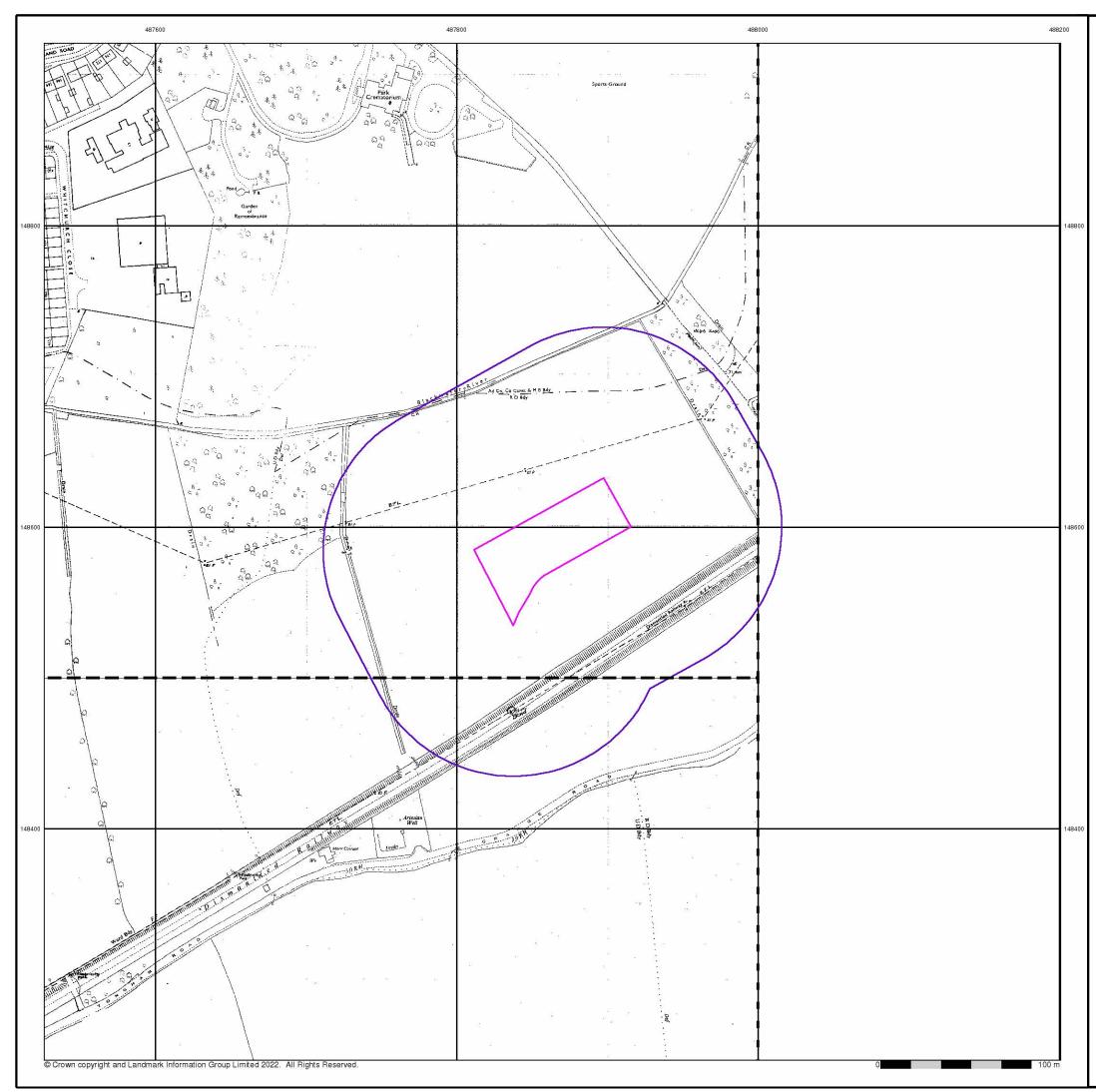
Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP









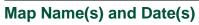


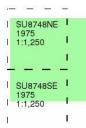
Supply of Unpublished Survey Information

Published 1975

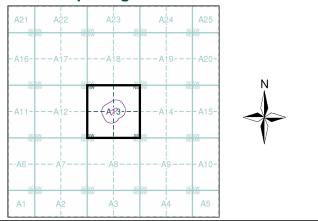
Source map scale - 1:1,250

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





Historical Map - Segment A13



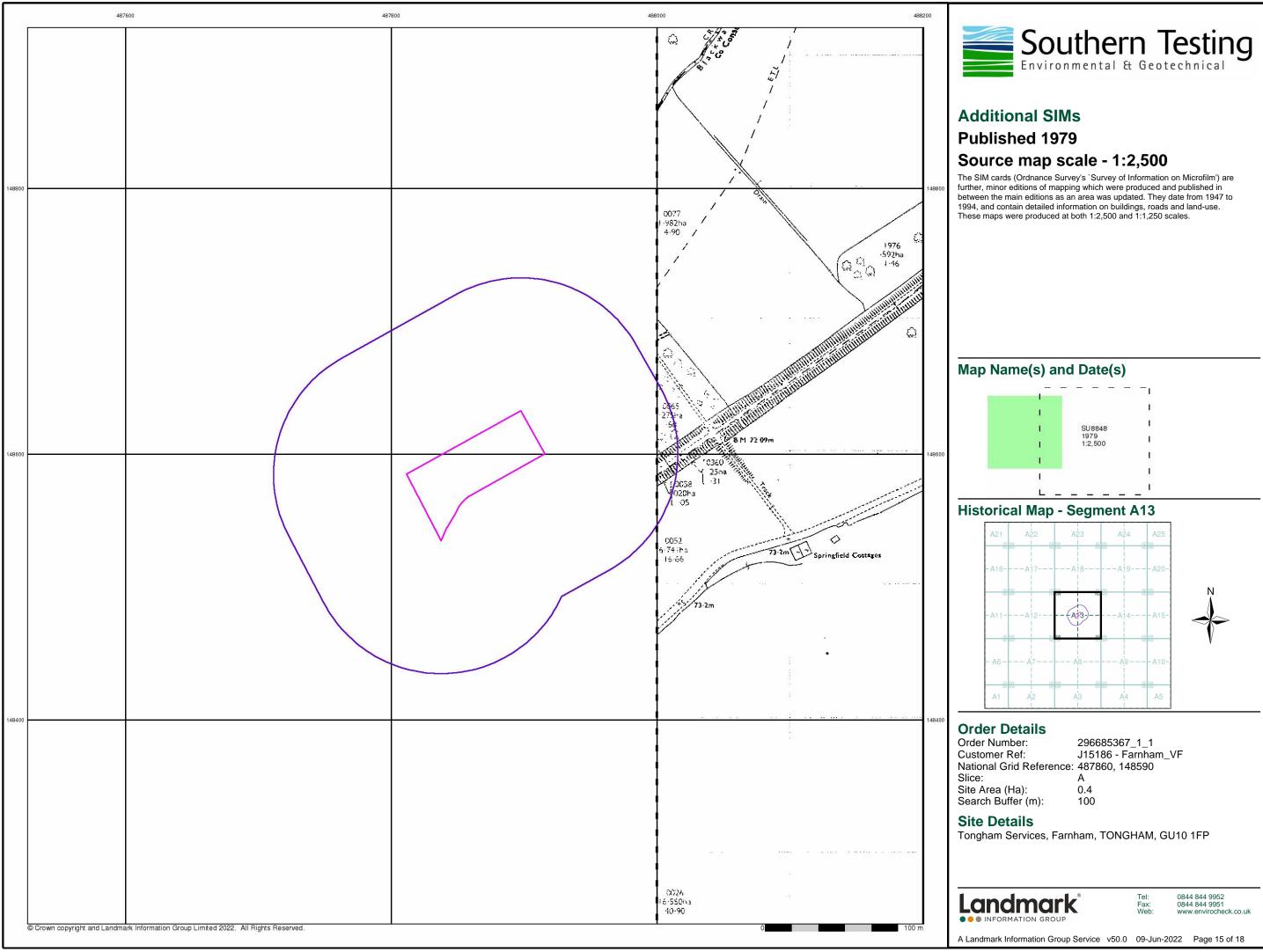
Order Details

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Order Number:	296685367_1_1
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Search Buffer (m):	100

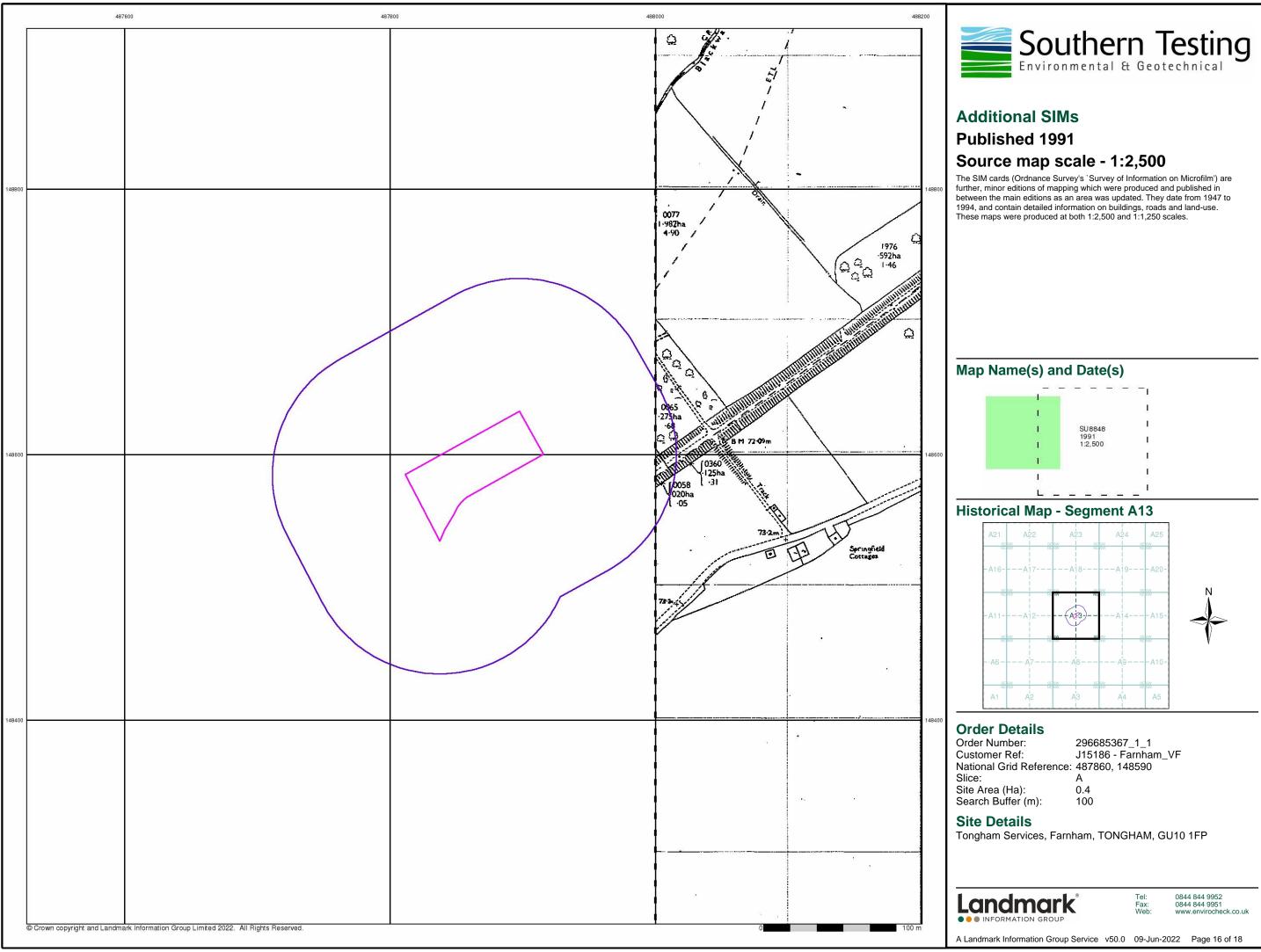
Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP

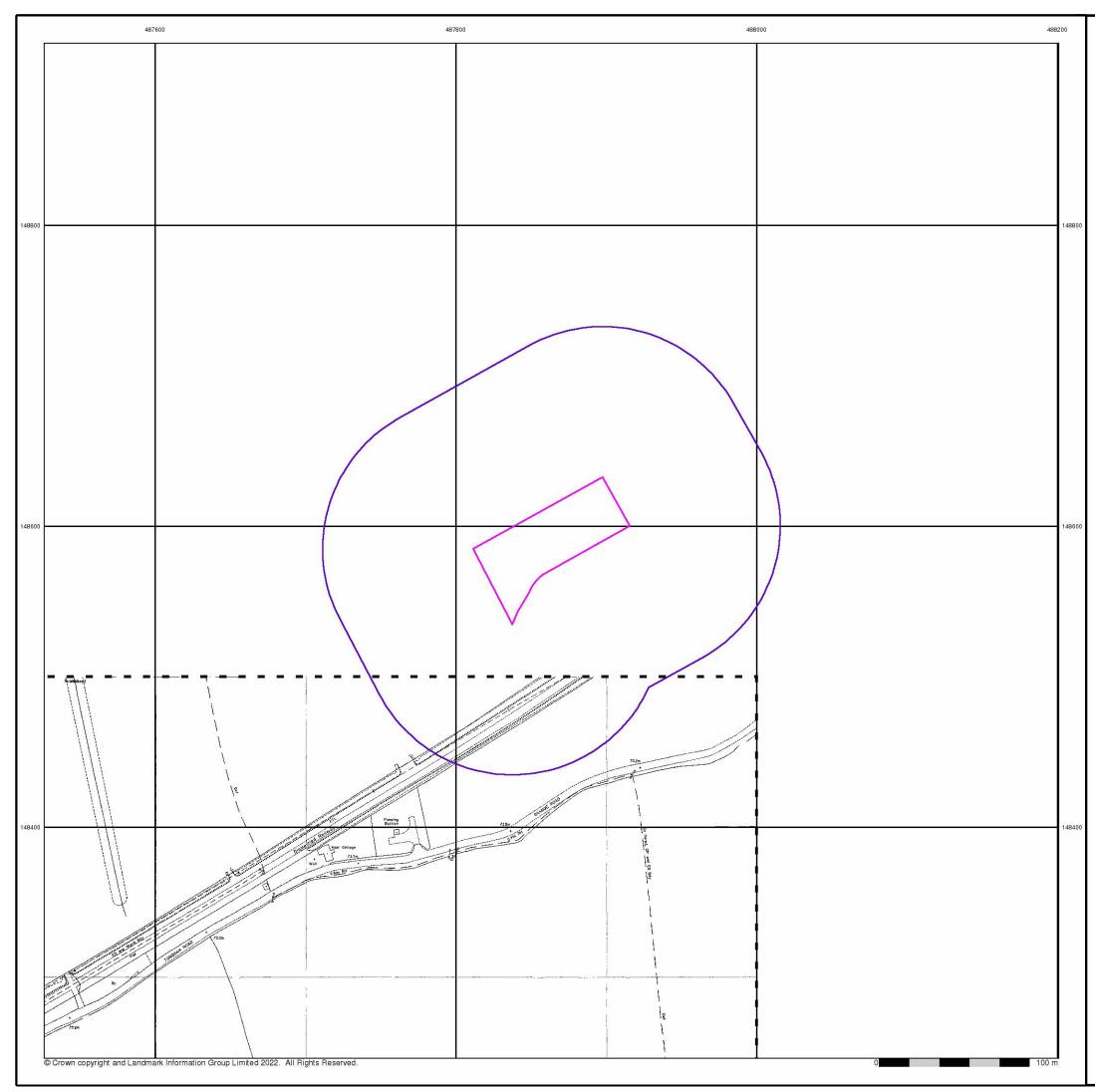














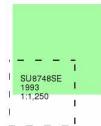
Large-Scale National Grid Data

Published 1993

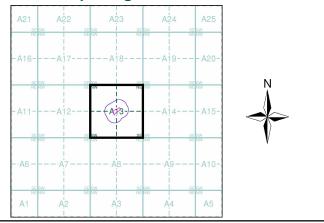
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

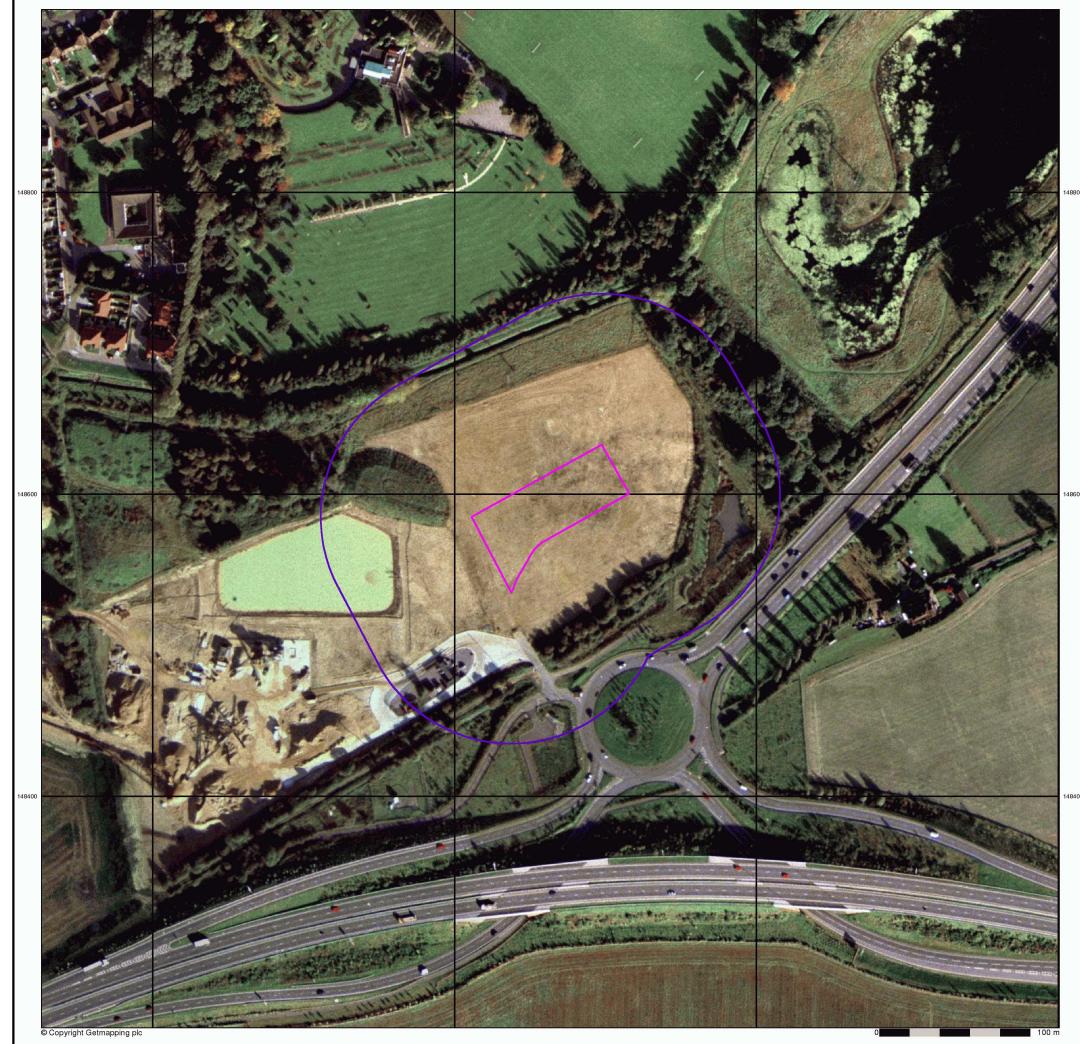
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National Grid Reference:	487860, 148590
Slice:	A
Site Area (Ha):	0.4
Search Buffer (m):	100

Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP









Historical Aerial Photography

Published 1999

488200

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

A21	A22	SE SW NE NW	A23	SE SW NE NW	A24	A25	
-A16	-A17-		-A18-		-A19-	A20-	
SE SW NE NW		SEISW NE NW		SEISW NENW		SESW NENW	N
-A11	-A12-		(A73-)		-A14-	A15-	
SE SW NE NW		SE SW NE NW		SESW		SE SW NE NW	\rangle
- · A6	- A7-		- · Å8 - ·		- · A'9 -	A10-	
SE SW NE NW	A2	SE SW NE NW	Å3	SE SW NE NW	A4	se sw Ne NW A5	

Order Details

Order Number: 296685367_1_1 Customer Ref: J15186 - Farnham_VF National Grid Reference: 487860, 148590 Slice: А Site Area (Ha): Search Buffer (m): 0.4 100

Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP



Tel: Fax: Web:

Historical Mapping Legends

	notoriour mupping Legend	
Ordnance Survey County Series 1:10,560	Ordnance Survey Plan 1:10,000	1:10,000 Raster Mapping
Gravel Sand Other Pit Pit Pits	مرینیں Chalk Pit, Clay Pit مرینی Gravel Pit	Gravel Pit Refuse tip or slag heap
Quarry Shingle	Sand Pit	Rock Rock (scattered)
Reeds Marsh	Refuse or Lake, Loch	ິ້ໍ້ໍ້ອີ້ Boulders ້ Boulders (scattered)
And the second s	Dunes	Shingle Mud Mud
Mixed Wood Deciduous Brushwood	木 糸 Coniferous	Sand Sand Sand Pit
	ሩት coppice እስከ እስ Coppice	Slopes Top of cliff
	مَ الْ Bracken مَ الْالْمَ Heath مَ الْمُ	General detail Underground detail Overhead detail Narrow gauge
Fir Furze Rough Pasture	مت Grassland Grassland	─────────────────────────────────────
flow of water Station	Direction of Flow of Water	County boundary (England only)
Pump, Guide Post, Well, Spring, Signal Post Boundary Post	Building Building Glasshouse	boundary District, Unitary, Metropolitan, Constituency London Borough boundary boundary
•285 Surface Level Sketched Contour Contour	Pylon Pylon	
Main Roads Un-Fenced Un-Fenced Un-Fenced Un-Fenced Un-Fenced	Cutting Embankment Standard Gauge	 Coniferous Coniferous trees (scattered) Coniferous trees (scattered)
Sunken Road Raised Road	Road '''∏''' Road / Level Foot Single Track Under Over Crossing Bridge	ధి ధి Orchard 🕌 Coppice ధి ధి
Road over Railway River	Siding, Tramway or Mineral Line	ाम Rough जाम Heath
Railway over Level Crossing	— — Geographical County	∩n_ Scrub →⊻∠ Marsh, Salt Marsh or Reeds
Road over River or Canal Stream	Administrative County, County Borough or County of City Municipal Borough, Urban or Rural District,	Water feature 🗧 Flow arrows
Road over Stream	Burgh or District Council Burgh or District Council Borough, Burgh or County Constituency Shown only when not coincident with other boundaries	MHW(S) Mean high Mean low Water (springs) Mean low Water (springs)
— — — — — County Boundary (Geographical)	Civil Parish Shown alternately when coincidence of boundaries occurs	Telephone line (where shown)
- · - · - · County & Civil Parish Boundary + · + · + · + Administrative County & Civil Parish Boundary	BP, BS Boundary Post or Stone Pol Sta Police Station Ch Church PO Post Office	← Bench mark △ Triangulation ^{BM 123.45 m} (where shown) △ station
Co. Boro. Bdy.	CH Club House PC Public Convenience F E Sta Fire Engine Station PH Public House FB Foot Bridge SB Signal Box	Point feature • (e.g. Guide Post ⊠ Pylon, flare stack or Mile Stone)
	FB FOOLBINGGE SB Signal Box Fn Fountain Spr Spring	27-
County Burgh Boundary (Scotland)	GP Guide Post TCB Telephone Call Box	• Site of (antiquity) Glasshouse

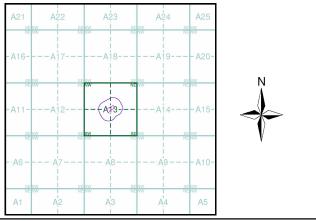


Southern Testing Environmental & Geotechnical

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Surrey	1:10,560	1873	2
Hampshire & Isle Of Wight	1:10,560	1874	3
Hampshire & Isle Of Wight	1:10,560	1898	4
Surrey	1:10,560	1898	5
Hampshire & Isle Of Wight	1:10,560	1911	6
Surrey	1:10,560	1920	7
Hampshire & Isle Of Wight	1:10,560	1932	8
Surrey	1:10,560	1934	9
Surrey	1:10,560	1938	10
Hampshire & Isle Of Wight	1:10,560	1938	11
Surrey	1:10,560	1938	12
Historical Aerial Photography	1:10,560	1949	13
Ordnance Survey Plan	1:10,000	1961	14
Ordnance Survey Plan	1:10,000	1961	15
Ordnance Survey Plan	1:10,000	1972	16
Ordnance Survey Plan	1:10,000	1977	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2021	20

Historical Map - Slice A



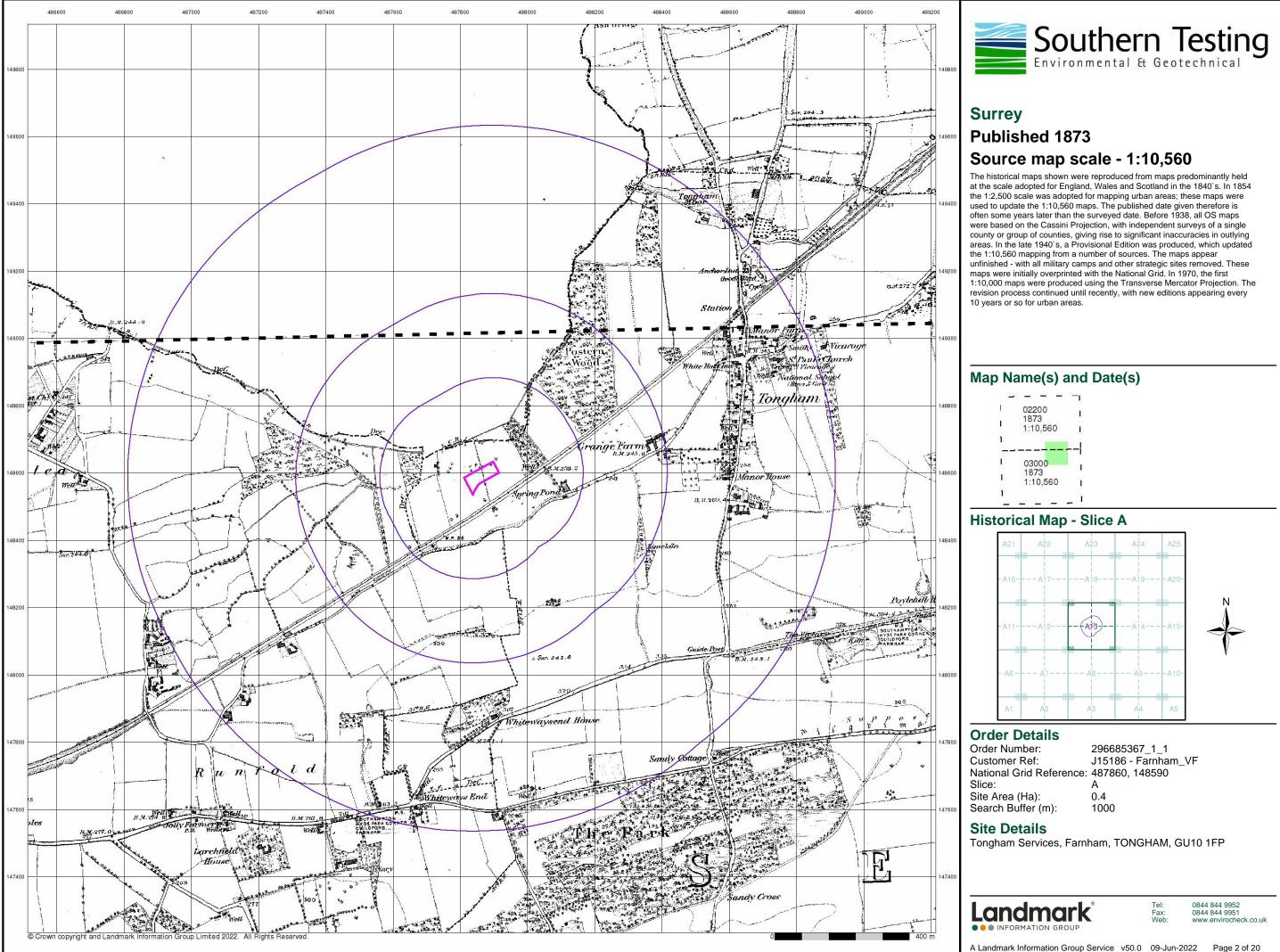
Order Details

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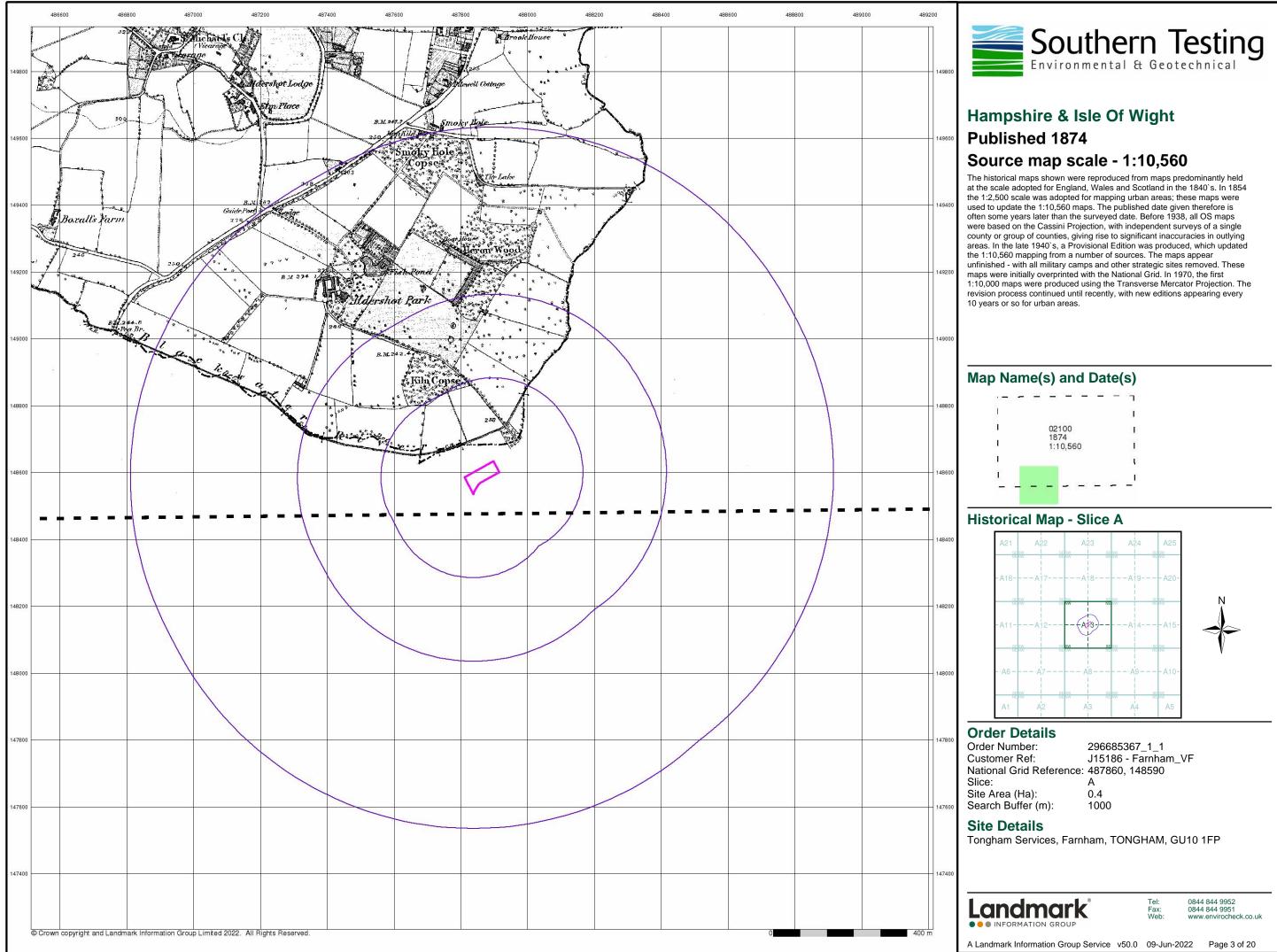
Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP

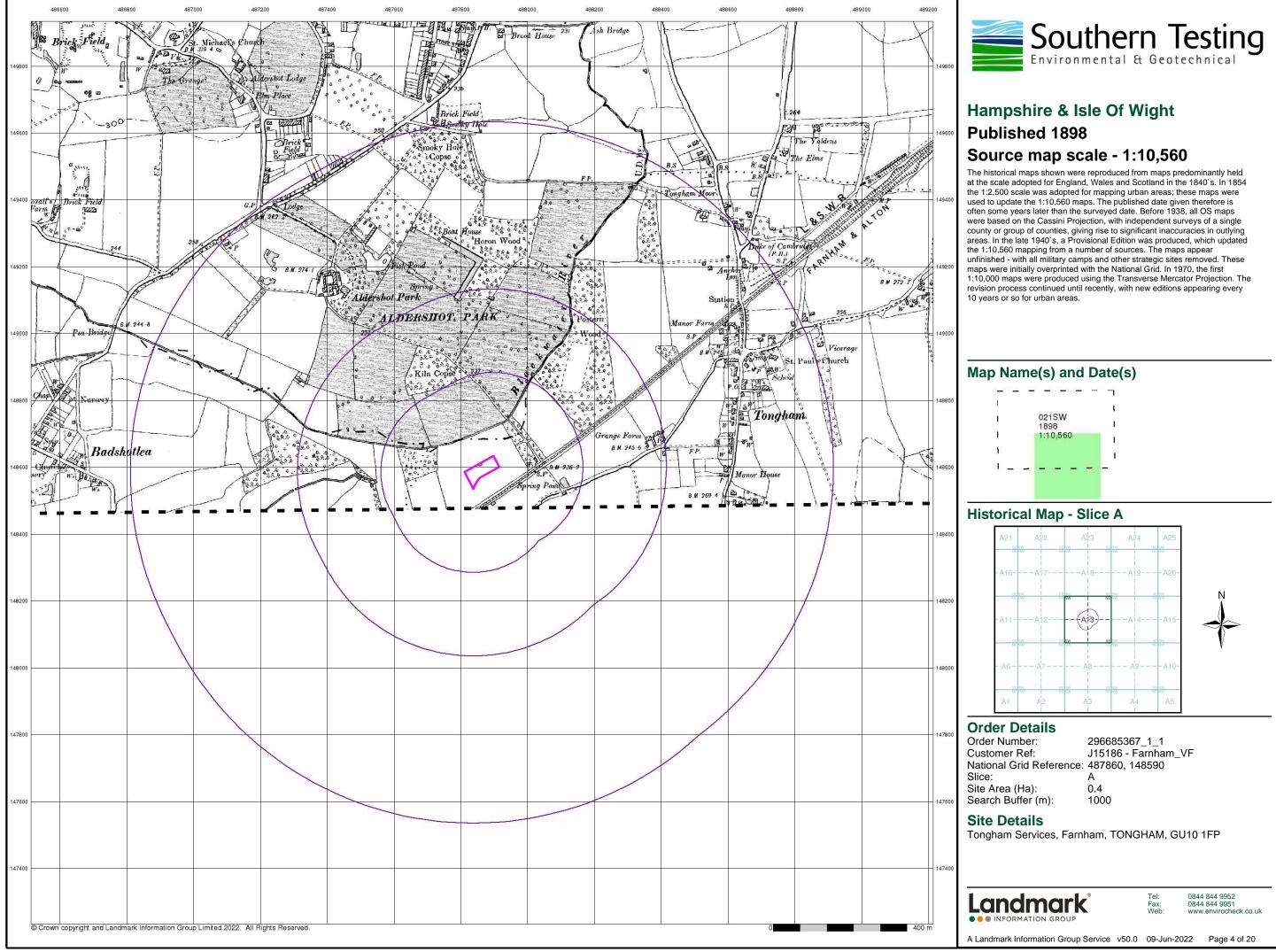




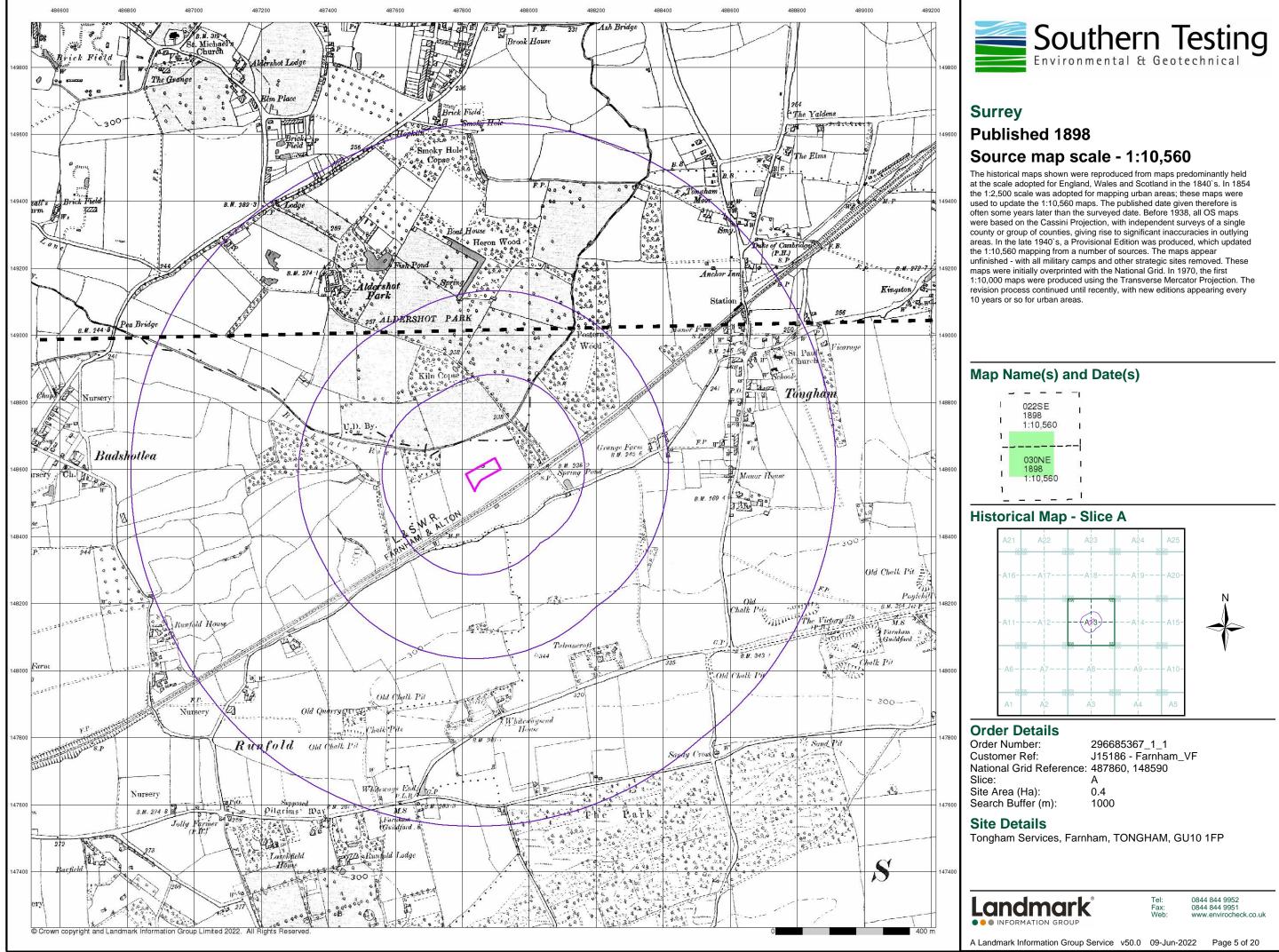




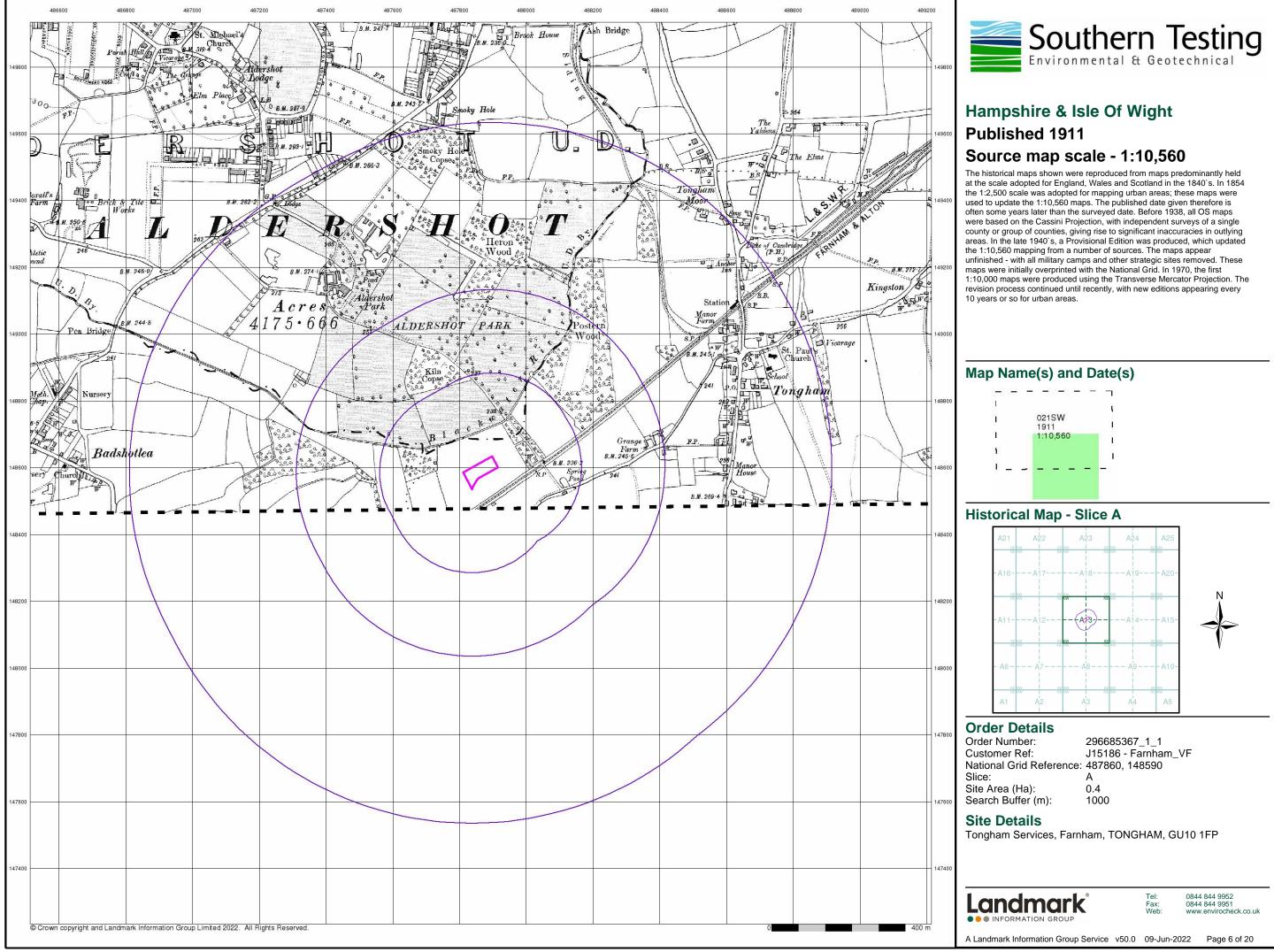




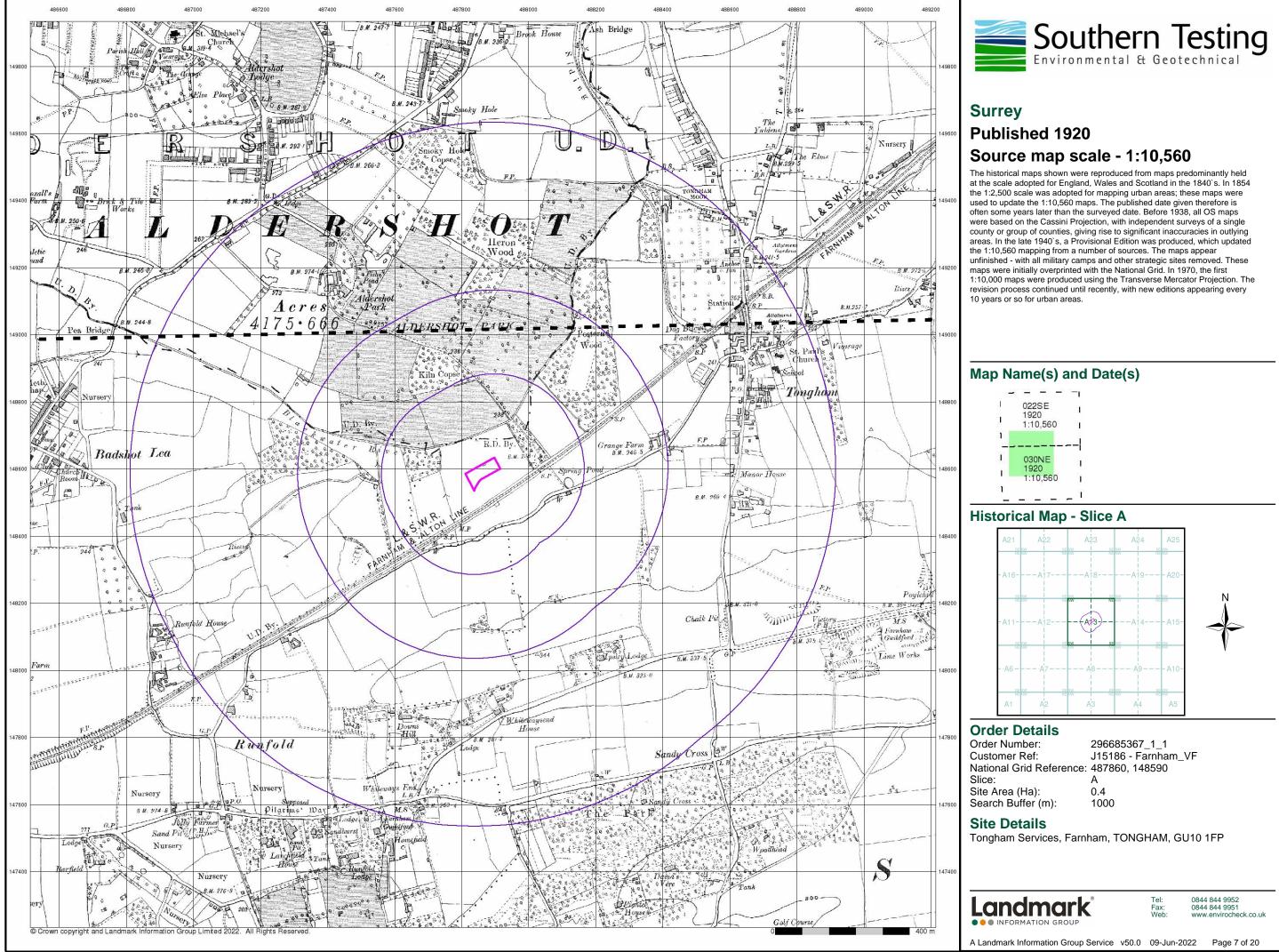




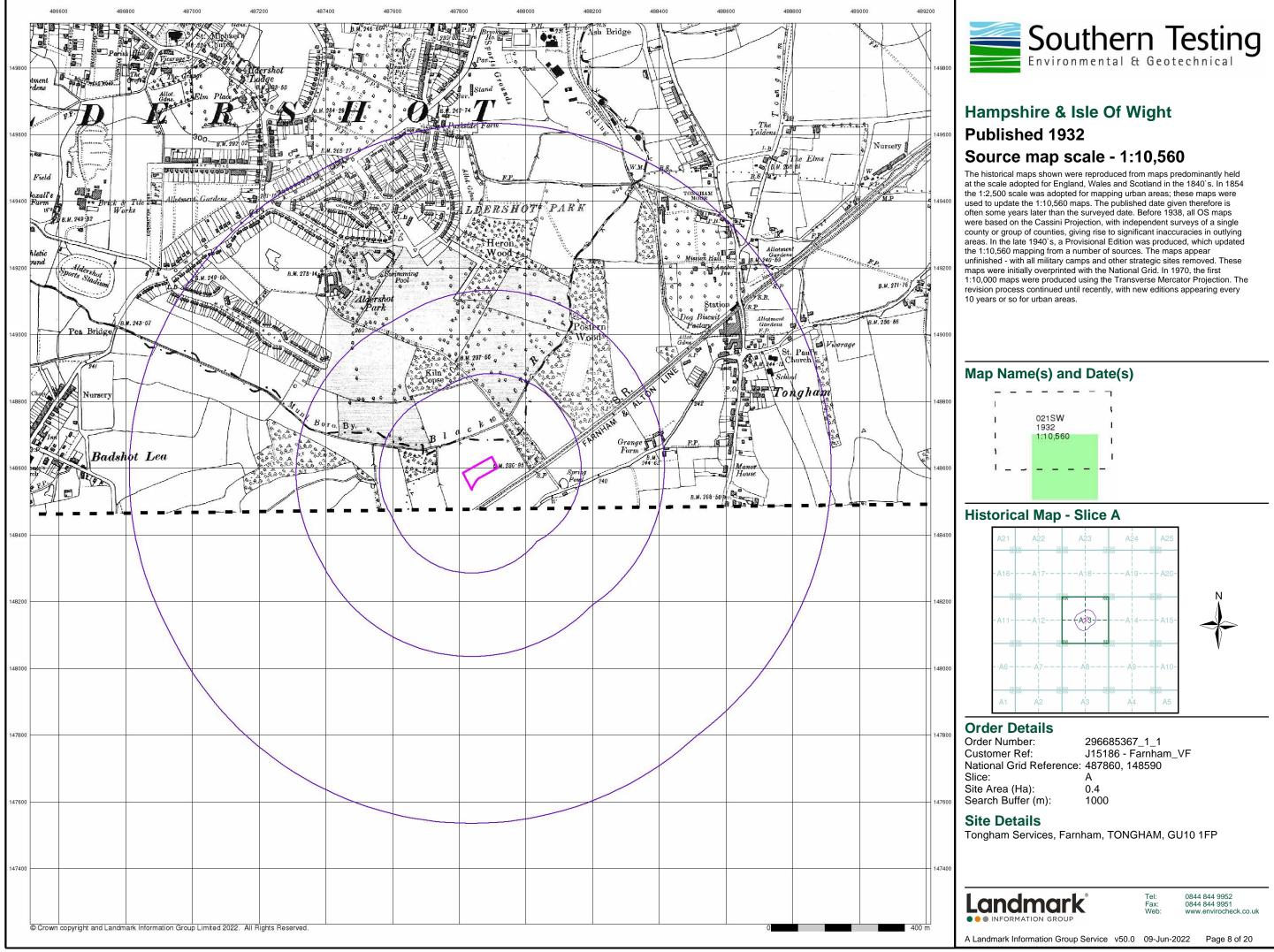




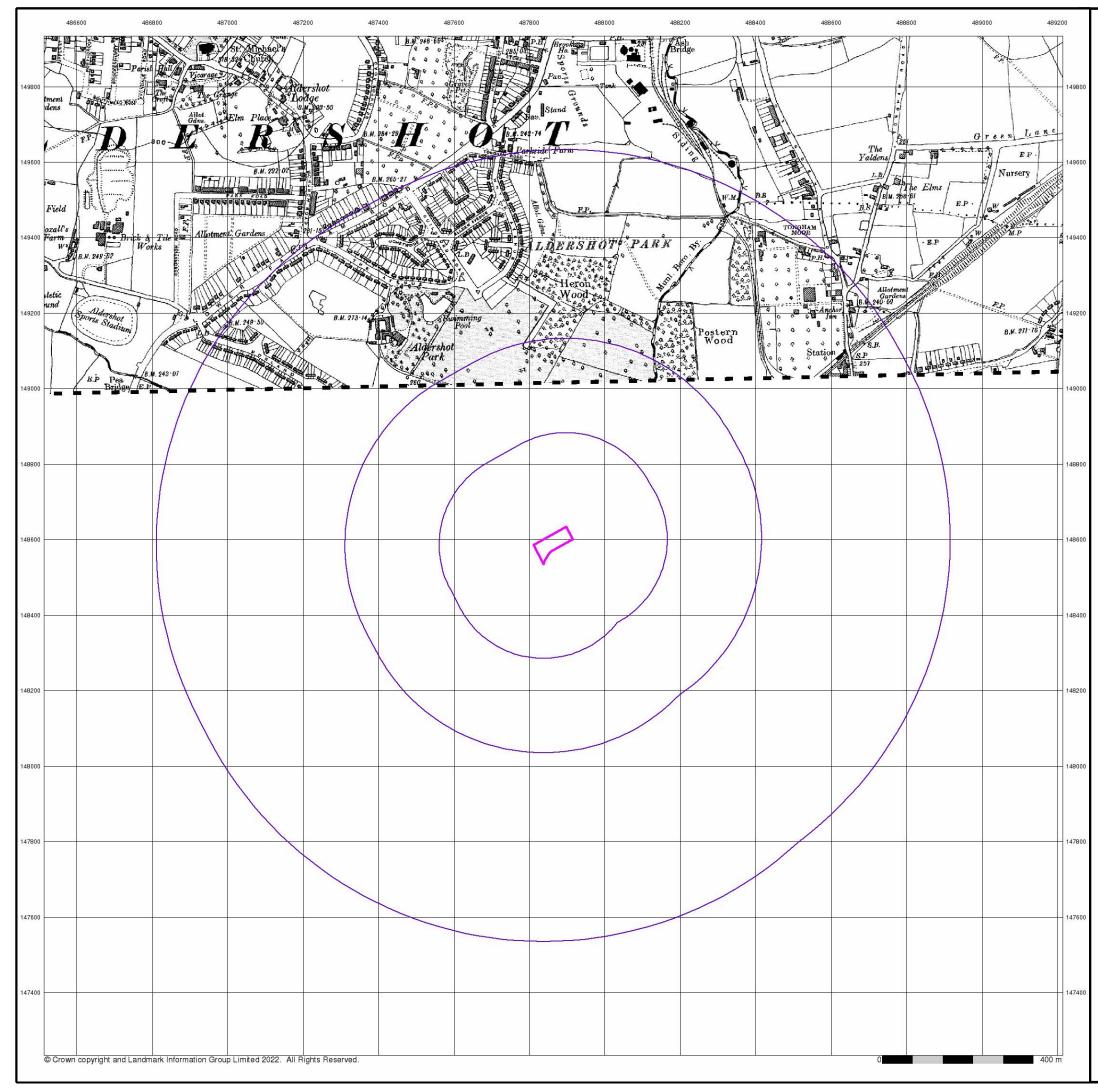








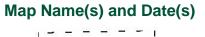


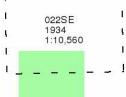




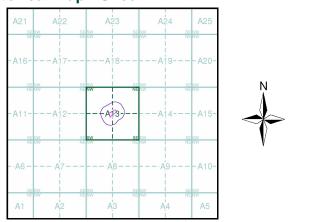
Surrey **Published 1934** Source map scale - 1:10,560

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.





Historical Map - Slice A



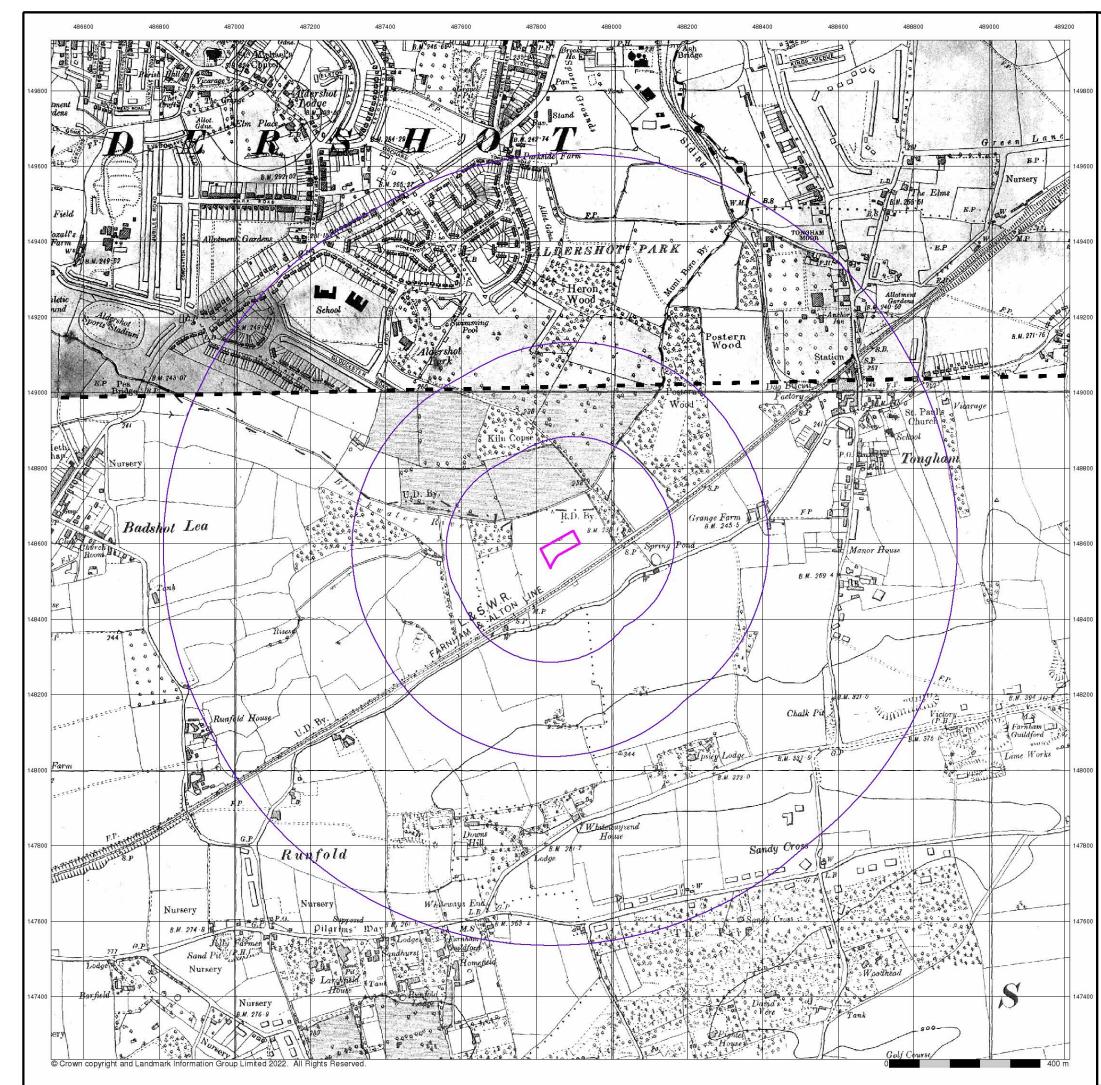
Order Details

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Search Buffer (m):	1000

Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP



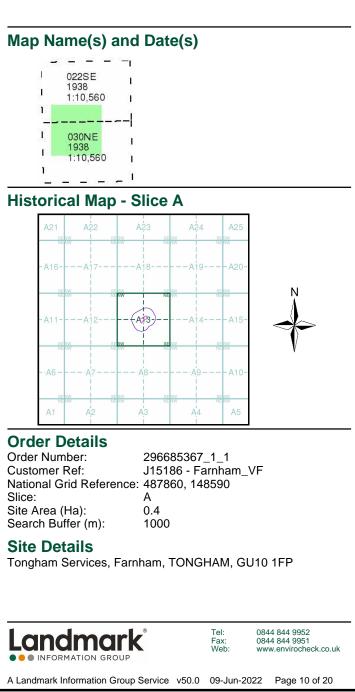


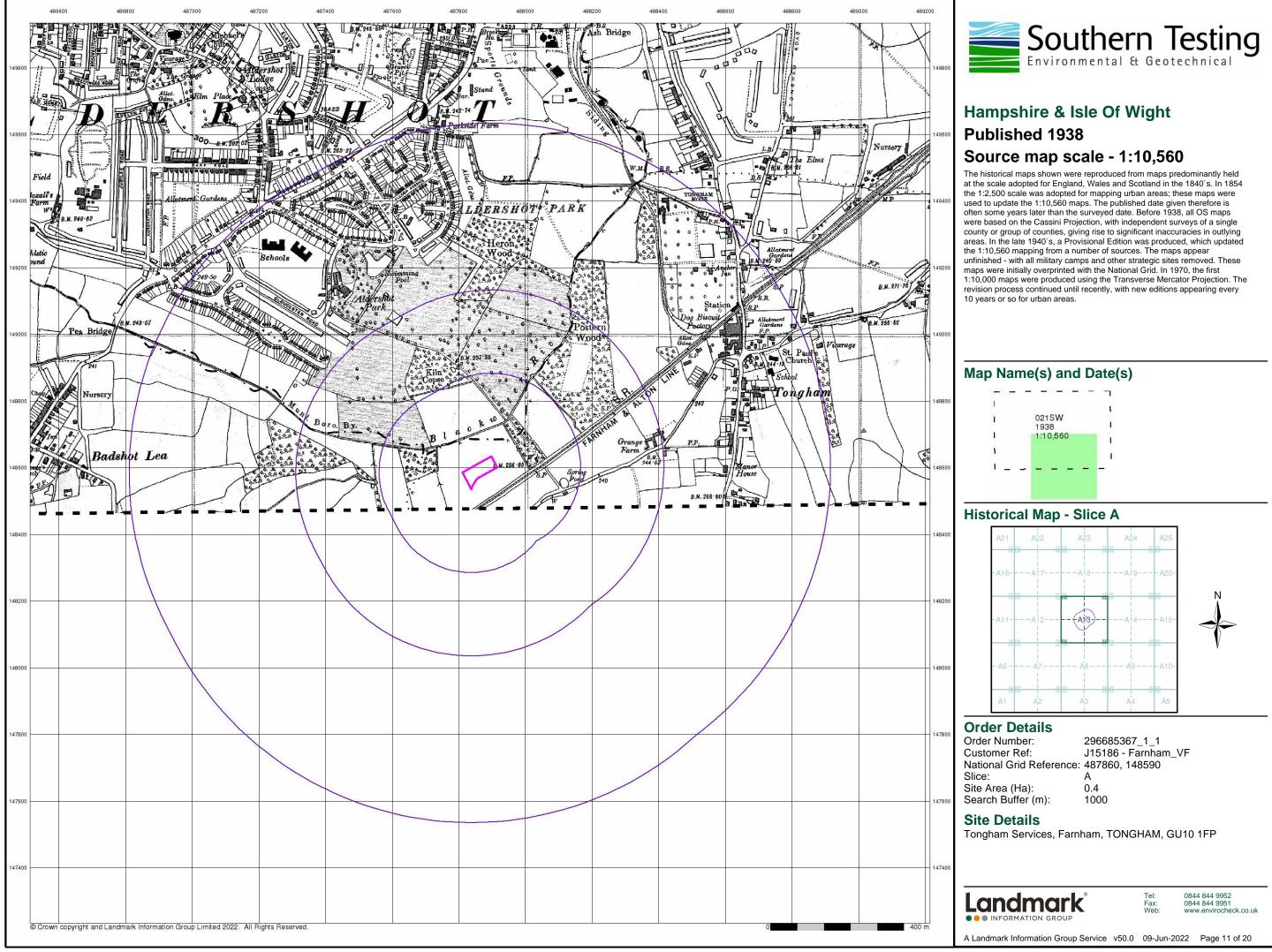


Southern Testing

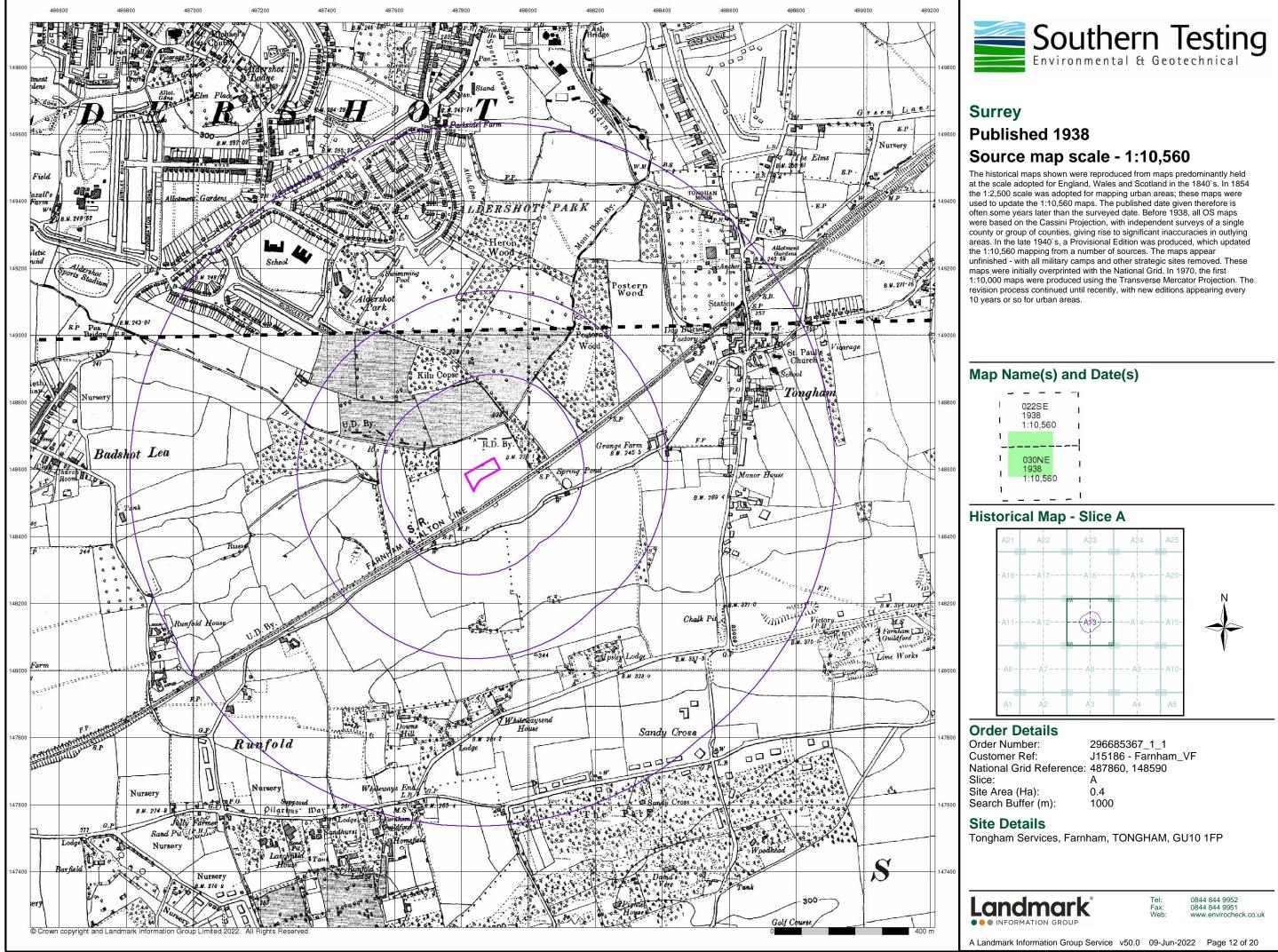
Surrey **Published 1938** Source map scale - 1:10,560

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.















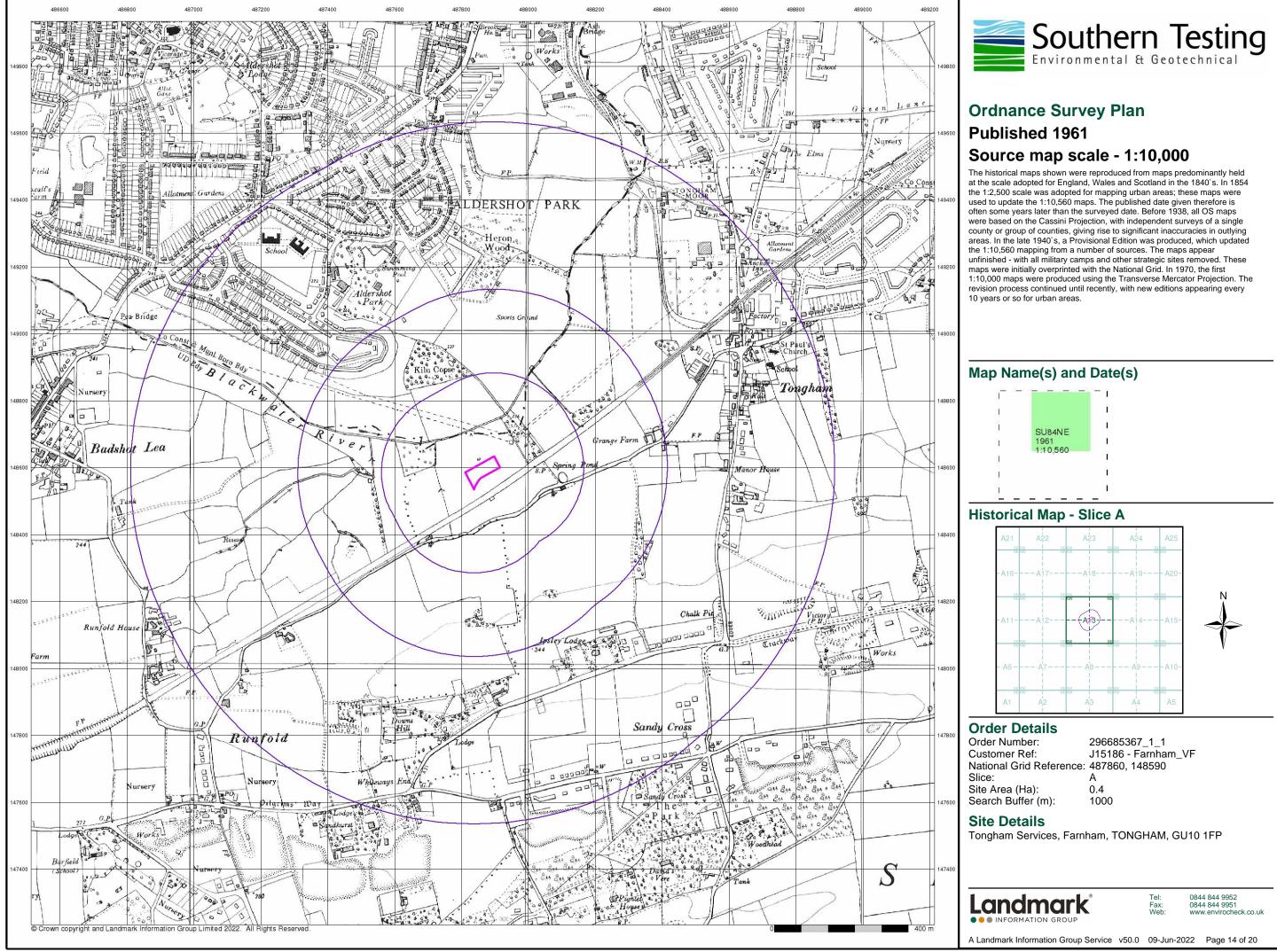
Historical Aerial Photography Published 1949

Source map scale - 1:10,560

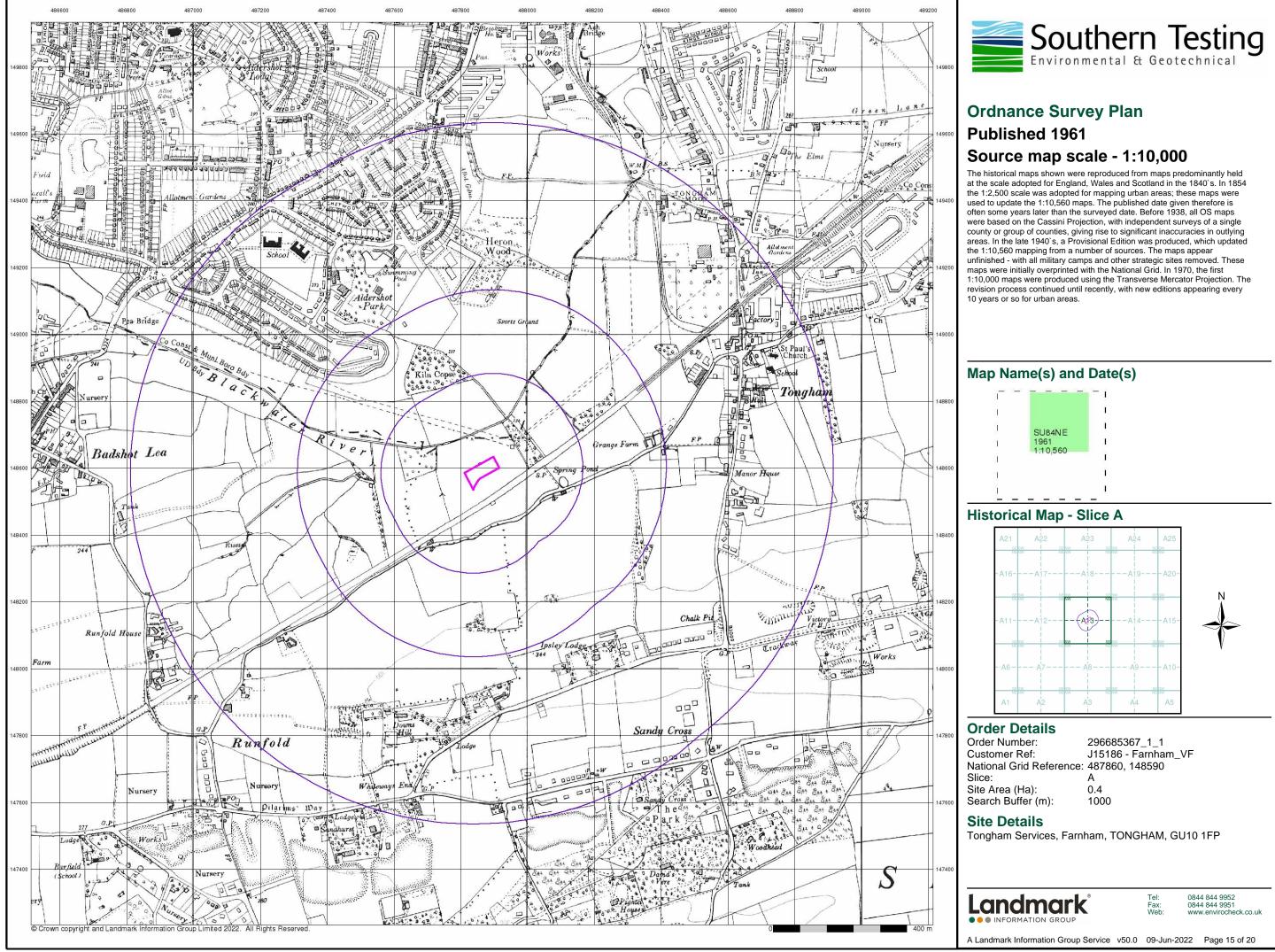
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was rechecked 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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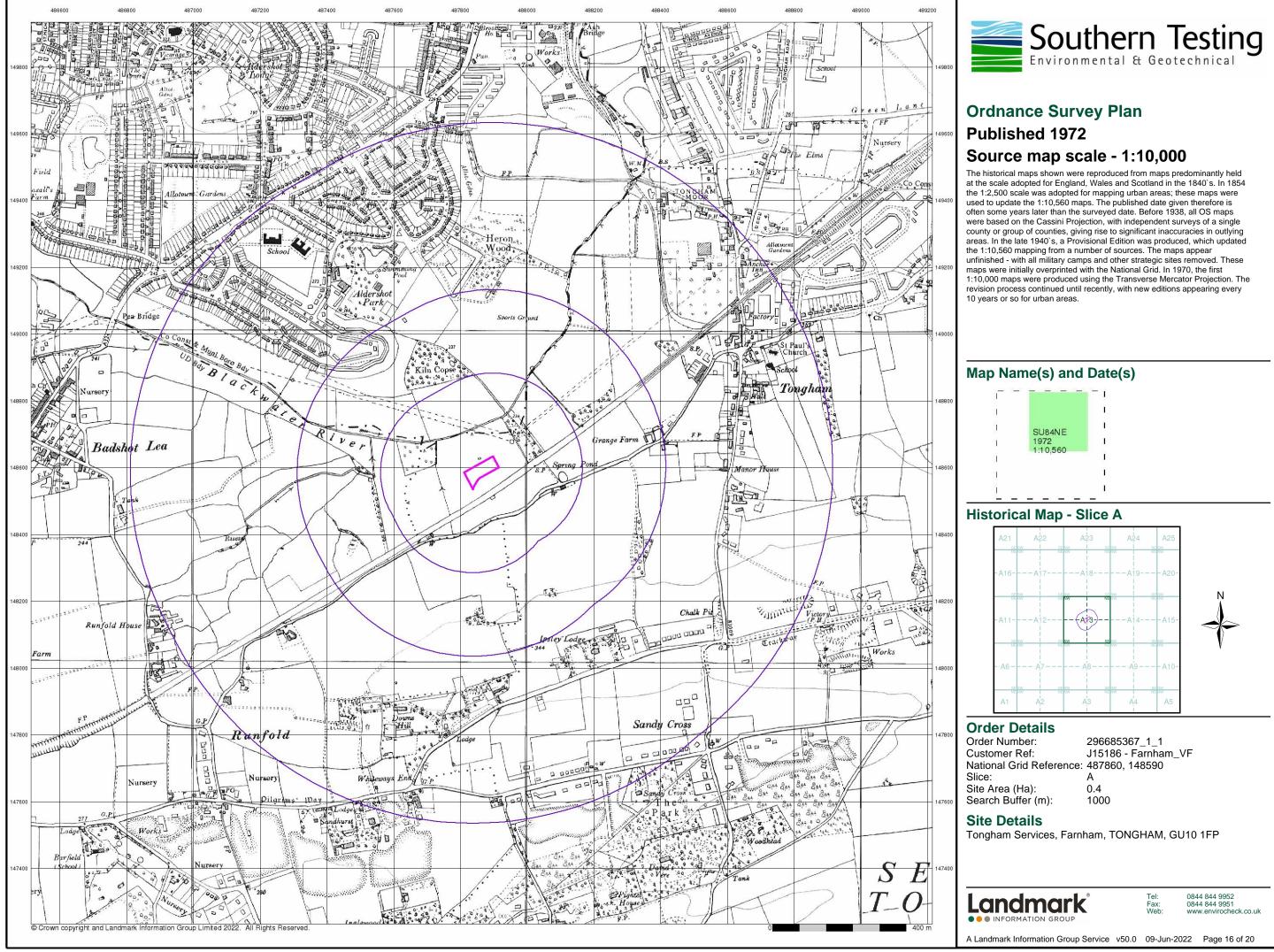
Map Name(s) and Date(s) SU84NE 1949 1:10,560 Historical Aerial Photography - Slice A 422 A23 -AP3 **IBRARY** HSILIN **Order Details** Order Number: 296685367_1_1 J15186 - Farnham_VF Customer Ref: National Grid Reference: 487860, 148590 Slice: А Site Area (Ha): Search Buffer (m): 0.4 1000 Site Details Tongham Services, Farnham, TONGHAM, GU10 1FP 0844 844 9952 0844 844 9951 www.envirocheck.co.uk Landmark Tel: Fax: Web: A Landmark Information Group Service v50.0 09-Jun-2022 Page 13 of 20



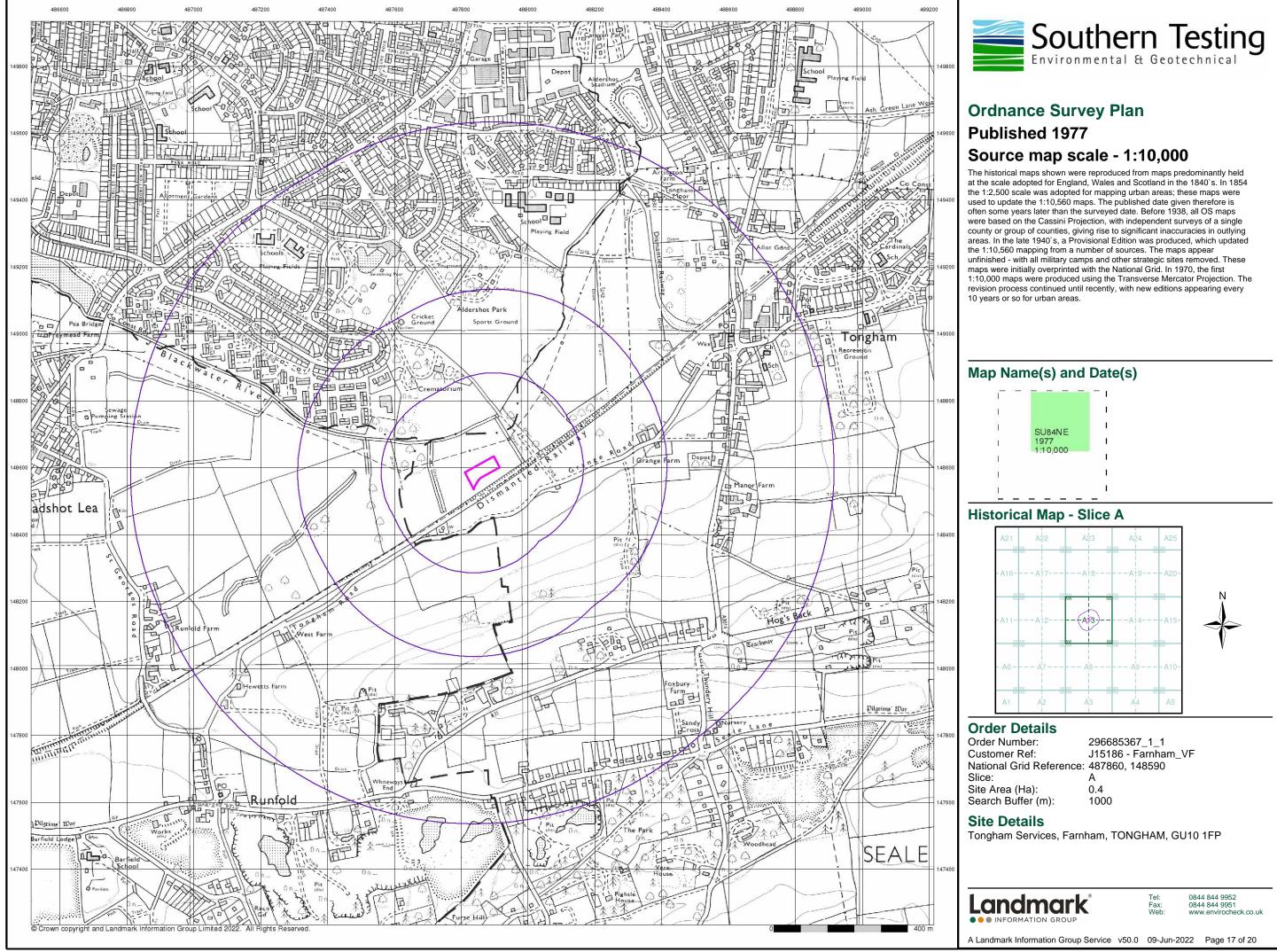




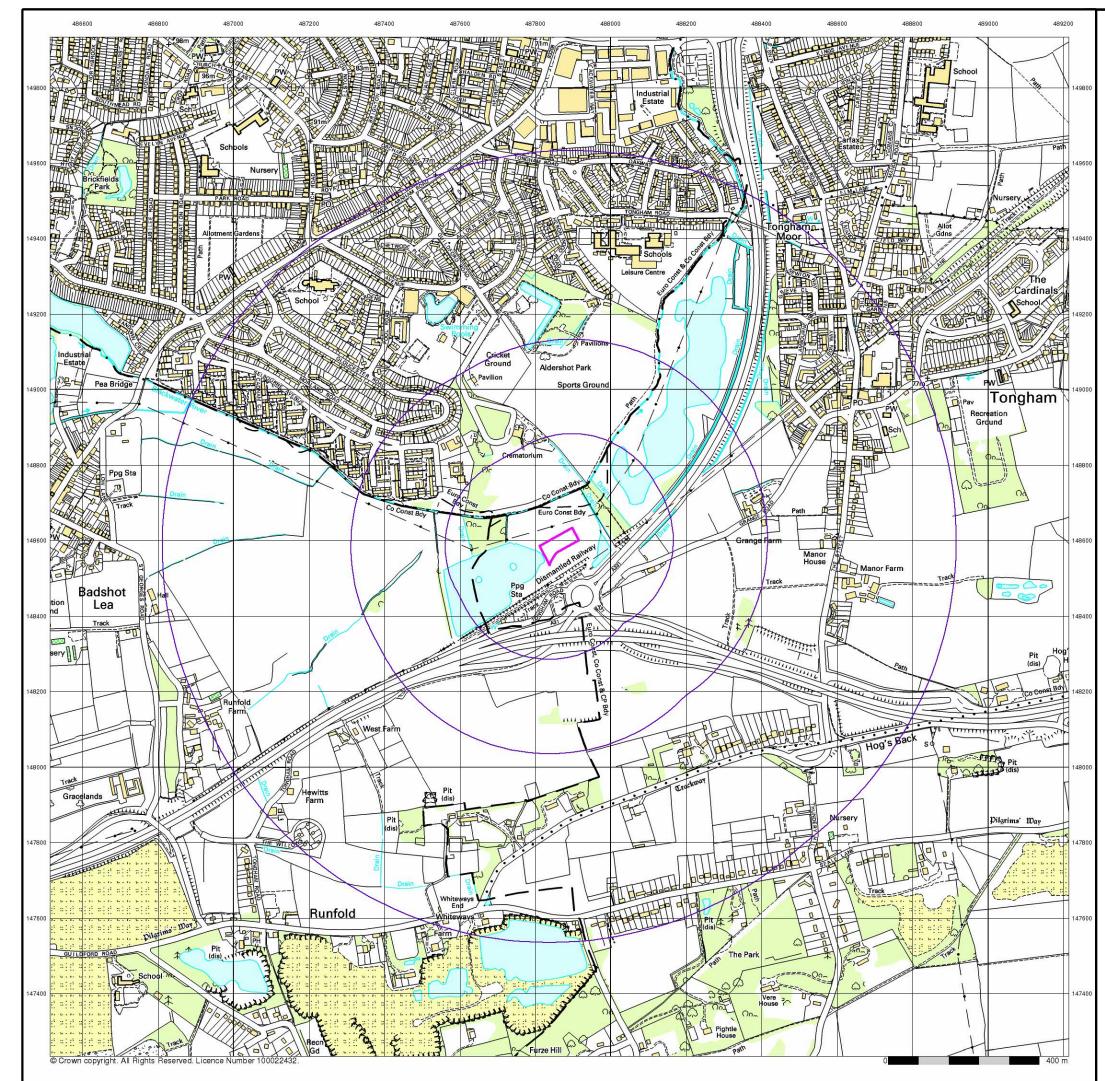














Southern Testing

10k Raster Mapping

Published 1999

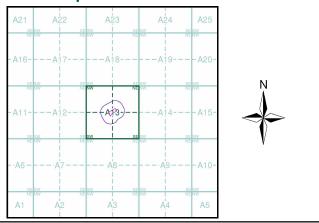
Source map scale - 1:10,000

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)

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Historical Map - Slice A



Order Details

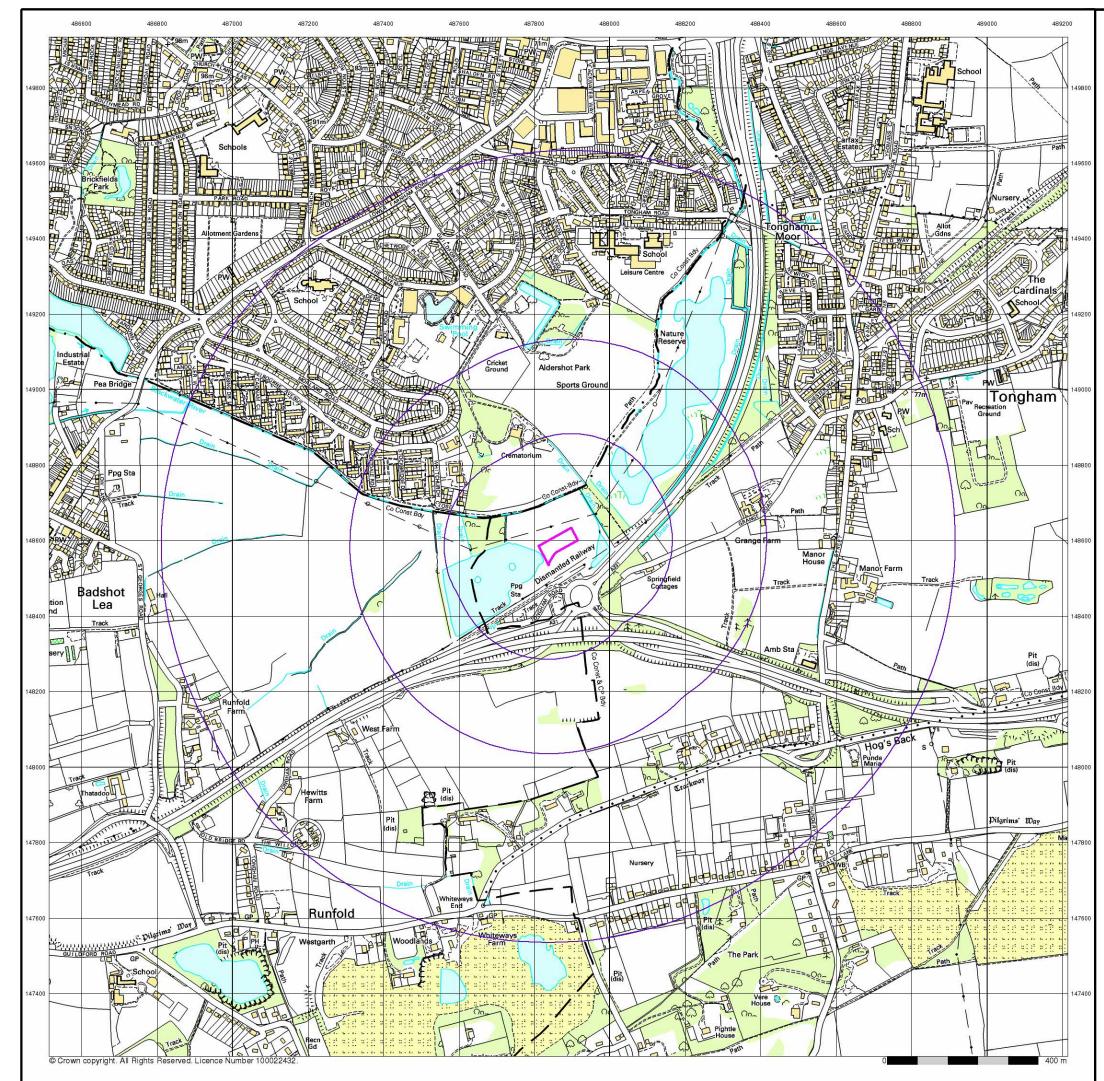
Order Number: Customer Ref:	296685367_1_1 J15186 - Farnham VF
National Grid Reference:	_
Slice:	A
Site Area (Ha): Search Buffer (m):	0.4 1000
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Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP



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Southern Testing

10k Raster Mapping

Published 2006

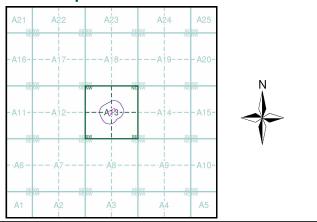
Source map scale - 1:10,000

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)

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Historical Map - Slice A



Order Details

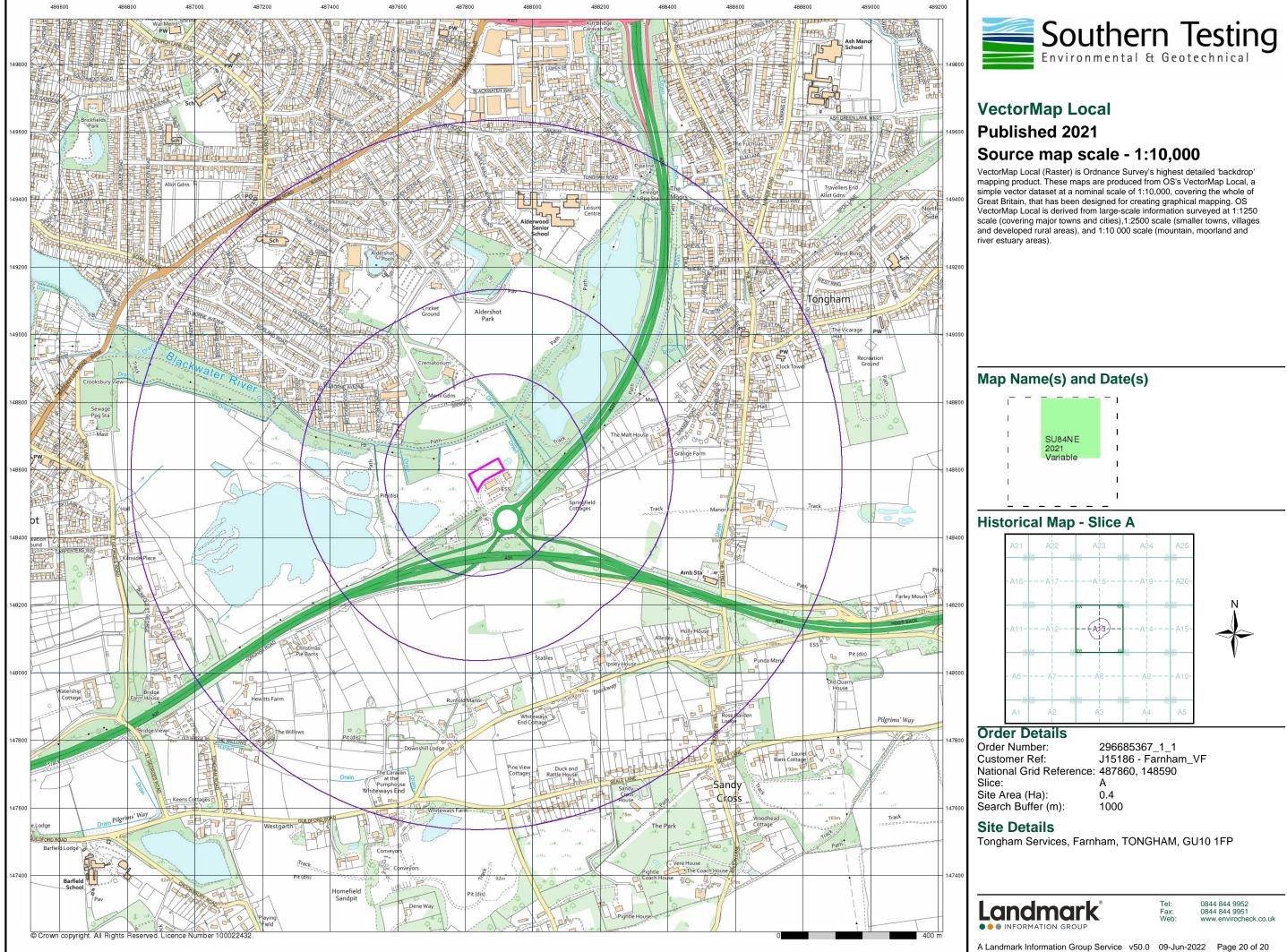
Order Number:	296685367_1_1
Customer Ref:	J15186 - Farnham_VF
National Grid Reference:	487860, 148590
Slice:	A
Site Area (Ha):	0.4
Search Buffer (m):	1000

Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP



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APPENDIX D

Phase 1 Desk Study – Environmental Database Search Results and Mapping







Envirocheck® Report:

Datasheet

Order Details:

Order Number: 296685367_1_1

Customer Reference: J15186 - Farnham_VF

National Grid Reference: 487860, 148590

Slice:

A

Site Area (Ha): 0.4

Search Buffer (m): 1000

Site Details:

Tongham Services Farnham TONGHAM GU10 1FP

Client Details:

MR D Spearman Southern Testing Keeble House Stuart Way East Grinstead West Sussex RH19 4QA



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	25
Hazardous Substances	-
Geological	29
Industrial Land Use	36
Sensitive Land Use	43
Data Currency	44
Data Suppliers	51
Useful Contacts	52

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.

Tor this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			1	7
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 3			1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4		Yes		
Pollution Incidents to Controlled Waters	pg 4		1	2	7
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 5	1			
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6		9		3 (*25)
Water Industry Act Referrals	pg 15				1
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 15	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Source Protection Zones	pg 15		1	1	2
Extreme Flooding from Rivers or Sea without Defences	pg 16	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 16	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 16		19	9	40

Summary

Southern Testing

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 25				1
Historical Landfill Sites	pg 25		1		3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 26				2
Licensed Waste Management Facilities (Locations)	pg 26		1		
Local Authority Landfill Coverage		2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 26				3
Potentially Infilled Land (Non-Water)	pg 27				3
Potentially Infilled Land (Water)	pg 27		1	1	4
Registered Landfill Sites	pg 28				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 29	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 29	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 32		1	1	8
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 33		Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 34	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 34		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 34		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 34	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 34	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 34	Yes	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
Industrial Land Use					
Contemporary Trade Directory Entries	pg 36		1	4	38
Fuel Station Entries	pg 39		1		
Points of Interest - Commercial Services	pg 39			2	6
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 40		1		9
Points of Interest - Public Infrastructure	pg 41		4	3	4
Points of Interest - Recreational and Environmental	pg 42				5
Gas Pipelines					
Underground Electrical Cables					

Southern Testing

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 43				1
Areas of Adopted Green Belt	pg 43				2
Areas of Unadopted Green Belt	pg 43				1
Areas of Outstanding Natural Beauty	pg 43				1
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Summary

Southern Testing



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NE)	0	1	487863 148586
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	85	1	487850 148450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	135	1	487863 148400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	141	1	487800 148400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	186	1	487863 148350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	189	1	487800 148350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW	231	1	487700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW) A13SW	238	1	148350 487800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S) A13SW	264	1	148300 487650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW) A13NW	286	1	148350 487700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW) A13SW	301	1	148850 487650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW) A13SE	307	1	148300 487950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S) A8NW	335	1	148250 487850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S) A8NW	336	1	148200 487863
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S) A13SE	356	1	148200 488050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE) A8NE	373	1	148250 488000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S) A13SE	379	1	148200 488150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE) A8NW	385	1	148300 487850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S) A14SW	398	1	148150 488300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E) A8NW	409	1	487700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(S) A14SW	418	1	488250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE) A8NW	474	1	48250 148350 487650



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Hanson Quarry Products MINERAL/GRAVEL EXTRACTION/QUARRYING Farnham Quarry Runfold Roundabout, Farnham, Surrey, Surrey Environment Agency, Thames Region Not Supplied Casm.0028 1 28th March 2000 4th May 2000 12th August 2015 Trade Discharge - Process Water Freshwater Stream/River River Blackwater Surrendered under EPR 2010 Located by supplier to within 10m	A13NW (W)	263	2	487560 148660
2	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Mr. S.G. Taylor DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Development By Ipsley Lodge, Hogs Back, Seale, Farnham, Surrey Environment Agency, Thames Region Not Given CNTM.1865 1 8th June 1995 8th June 1995 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Onto Land Upper Chalk New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 10m	A9NW (SE)	629	2	488260 148070
2	Discharge Consent: Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Mr. B.R. & Mrs. J.E. Ellett DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Development By Ipsley Lodge, Hogs Back, Seale, Farnham, Surrey Environment Agency, Thames Region Not Given CNTM.1868 1 8th June 1995 8th June 1995 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Onto Land Upper Chalk New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 100m	A9NW (SE)	632	2	488300 148100
2	Discharge Consent: Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Mr. M. Atkins DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Development By Ipsley Lodge, Hogs Back, Seale, Farnham, Surrey Environment Agency, Thames Region Not Given CNTM.1866 1 8th June 1995 8th June 1995 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Onto Land Upper Chalk New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 10m	A9NW (SE)	642	2	488280 148070



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Mr. S.D. Bishop DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Development By Ipsley Lodge, Hogs Back, Seale, Farnham, Surrey Environment Agency, Thames Region Not Given CNTM.1867 1 8th June 1995 8th June 1995 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Onto Land Upper Chalk New Consent, by Application (Water Resources Act 1991, Section 88) Located by supplier to within 100m	A9NW (SE)	656	2	488300 148070
3	-	The Occupier DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) West Farm, Tongham Road, Runfold, Surrey Environment Agency, Thames Region Not Given Cntm.0519 1 2nd October 1992 2nd October 1992 1st October 1996 Sewage Discharges - Final/Treated Effluent - Not Water Company Land/Soakaway Alluvium Onupper Chalk Lapsed (under Environment Act 1995, Schedule 23) Located by supplier to within 100m	A7NE (SW)	673	2	487300 148130
4	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Thames Water Utilities Ltd PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Heron Wood Environment Agency, Thames Region Not Supplied Temp.1147 2 3rd September 2010 3rd September 2010 19th August 2014 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River Blackwater Surrendered under EPR 2010 Located by supplier to within 100m	A18NE (N)	874	2	488000 149500
4	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Thames Water Utilities Ltd PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Heron Wood Environment Agency, Thames Region Not Supplied Temp.1147 1 2nd November 1989 2nd November 1989 2nd September 2010 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River Blackwater Temporary Consents (Water Act 1989, Section 113) Located by supplier to within 100m	A18NE (N)	874	2	488000 149500
5	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Iution Prevention and Controls Aldershot Crematorium Guildford Road, ALDERSHOT, Hampshire, GU12 4BP Rushmoor Borough Council, Environmental Health Department Perm/08/03.05 18th April 2005 Local Authority Pollution Prevention and Control PG5/2 Crematoria Permitted Manually positioned to the address or location	A13NW (N)	293	3	487755 148888



Map ID	Details		Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	A13NE (NE)	8	-	487915 148616
6	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ALDERSHOT Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th November 1992 Incident Reference: S2920022 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	197	2	488000 148800
7	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ALDERSHOT Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 17th January 1997 Incident Reference: THS11997031603 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	377	2	488000 148995
7	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ALDERSHOT Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 18th February 1997 Incident Reference: THS11997031649 Catchment Area: Not Given Receiving Water: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	382	2	488000 149000
8	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Aldershot Pk, ALDERSHOT Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: Not Supplied Incident Reference: S1960303 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	527	2	487800 149150
9	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ALDERSHOT Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 11th December 1991 Incident Reference: WE910680 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	819	2	488310 149340



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters Not Given ALDERSHOT Environment Agency, Thames Region Oils - Unknown Not Supplied 9th January 1998 37676 Not Given Not Given Not Given Not Given Category 3 - Minor Incident Located by supplier to within 100m	A19NW (NE)	867	2	488300 149400
11	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters Not Given ALDERSHOT Environment Agency, Thames Region General Confirmed incident 7th April 1999 THS11999043004 Not Given Not Given Not Given Category 3 - Minor Incident Located by supplier to within 10m	A18NE (N)	874	2	488000 149500
12	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters Not Given ALDERSHOT Environment Agency, Thames Region Miscellaneous - Unknown Confirmed As A Pollution Incident 30th May 1993 S2930128 Not Given Not Given Not Given Category 3 - Minor Incident Located by supplier to within 100m	A19NW (NE)	918	2	488400 149400
13	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters Not Given ALDERSHOT Environment Agency, Thames Region Oils - Unknown Confirmed As A Pollution Incident 22nd August 1995 S1950502 Not Given Not Given Not Given Category 3 - Minor Incident Located by supplier to within 100m	A18NE (N)	919	2	488200 149500
14	Property Type: Location: Authority: Pollutant: Note: Incident Date: Incident Reference: Catchment Area: Receiving Water: Cause of Incident: Incident Severity:	to Controlled Waters Not Given ALDERSHOT Environment Agency, Thames Region Miscellaneous - Unknown Confirmed As A Pollution Incident 15th February 1993 S2930032 Not Given Not Given Not Given Category 2 - Significant Incident Located by supplier to within 100m	A19NW (NE)	957	2	488300 149500
	River Quality Name: GQA Grade: Reach: Estimated Distance (km): Flow Rate: Flow Type: Year:	Blackwater River Quality D Aldershot - Aldershot Stw 4.5 Flow less than 0.31 cumecs River 2000	A13NW (NW)	0	2	487856 148596



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	South East Water Ltd 28/39/24/0111 101 Tongham Pumping Station Point A Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 27th October 2010 Not Supplied Located by supplier to within 10m	A13SW (SW)	151	2	487770 148400
15	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	South East Water Limited 28/39/24/0111 100 Tongham Pumping Station Point A Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater 4546 818280 Folkestone Beds 01 January 31 December 13th July 1970 Not Supplied Located by supplier to within 10m	A13SW (SW)	151	2	487770 148400
16	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Hanson Quarry Products Europe Ltd Th/039/0024/007 2 Farnham Quarry, Runfold Roundabout - Borehole Environment Agency, Thames Region Mineral Products: Make-Up Or Top Up Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Farnham Quarry, Runfold Roundabout, Farnham 01 April 31 March 13th August 2012 Not Supplied Located by supplier to within 10m	A13SW (W)	206	2	487620 148510
16	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Hanson Quarry Products Europe Ltd Th/039/0024/007 2 Farnham Quarry, Runfold Roundabout - Borehole Environment Agency, Thames Region Mineral Products: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Farnham Quarry, Runfold Roundabout, Farnham, Surrey 01 April 31 March 13th August 2012 Not Supplied Located by supplier to within 10m	A13SW (W)	206	2	487620 148510



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Hanson Quarry Products Europe Ltd Th/039/0024/007 1 Farnham Quarry, Runfold Roundabout - Borehole Environment Agency, Thames Region Mineral Products: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Farnham Quarry, Runfold Roundabout, Farnham, Surrey 01 April 31 March 17th February 2010 Not Supplied Located by supplier to within 10m	A13SW (W)	206	2	487620 148510
16	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Hanson Quarry Products Europe Ltd Th/039/0024/007 1 Farnham Quarry, Runfold Roundabout - Borehole Environment Agency, Thames Region Mineral Products: Make-Up Or Top Up Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Farnham Quarry, Runfold Roundabout, Farnham 01 April 31 March 17th February 2010 Not Supplied Located by supplier to within 10m	A13SW (W)	206	2	487620 148510
16	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Hanson Quarry Prod Europe Ltd 28/39/24/0230 102 Farnham Quarry, Runfold Roundabout - Borehole Environment Agency, Thames Region Mineral Products: Make-Up Or Top Up Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Farnham Quarry, Runfold Roundabout, Farnham 01 January 31 December 25th February 2005 Not Supplied Located by supplier to within 10m	A13SW (W)	206	2	487620 148510
16	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Hanson Quarry Prod Europe Ltd 28/39/24/0230 102 Farnham Quarry, Runfold Roundabout - Borehole Environment Agency, Thames Region Mineral Products: Process Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Farnham Quarry, Runfold Roundabout, Farnham, Surrey 01 January 31 December 25th February 2005 Not Supplied Located by supplier to within 10m	A13SW (W)	206	2	487620 148510



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Hanson Quarry Prod Europe Ltd 28/39/24/0230 101 Farnham Quarry, Runfold Roundabout - Borehole Environment Agency, Thames Region Mineral Products: Make-Up Or Top Up Water Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Farnham Quarry, Runfold Roundabout, Farnham 01 January 31 December 1st August 2000 Not Supplied Located by supplier to within 10m	A13SW (W)	206	2	487620 148510
17	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	South East Water Ltd 28/39/24/0111 101 Tongham Pumping Station Point B Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 27th October 2010 Not Supplied Located by supplier to within 10m	A19NW (NE)	913	2	488360 149420
17	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	South East Water Limited 28/39/24/0111 100 Tongham Pumping Station Point B Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 13th July 1970 Not Supplied Located by supplier to within 10m	A19NW (NE)	913	2	488360 149420
18	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised Start: Permit Start Date: Permit End Date: Positional Accuracy:	Chambers Runfold Plc Th/039/0030/042 1 Sump At Homefield Sand Pit, Guildford Road, Farnham Environment Agency, Thames Region Extractive: Dewatering Water may be abstracted from any point within an area Groundwater Not Supplied Not Supplied Not Supplied Not Supplied 01 April 31 March 23rd March 2021 Not Supplied Located by supplier to within 10m	A8SW (S)	970	2	487670 147580



Map ID		Details		Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator:	Chambers Runfold Plc	A3NW	1139	2	487610
	Licence Number:	Th/039/0030/041	(S)		_	147419
	Permit Version: Location:	1 Pipe Point 'B' At Homefield Sand Pit, Guildford Rd, Farnham				
	Authority:	Environment Agency, Thames Region				
	Abstraction: Abstraction Type:	Mineral Products: Dust Suppression Water may be abstracted from a single point				
	Source: Daily Rate (m3):	Groundwater Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details: Authorised Start:	Not Supplied 01 April				
	Authorised End:	31 March				
	Permit Start Date: Permit End Date:	23rd March 2021 Not Supplied				
		Located by supplier to within 10m				
	Water Abstractions					
	Operator:	Chambers Runfold Plc	A3NW	1139	2	487610
	Licence Number: Permit Version:	Th/039/0030/041 1	(S)			147419
	Location:	Pipe Point 'B' At Homefield Sand Pit, Guildford Rd, Farnham				
	Authority: Abstraction:	Environment Agency, Thames Region Mineral Products: General Washing/Process Washing				
	Abstraction Type:	Water may be abstracted from a single point				
	Source: Daily Rate (m3):	Groundwater Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details: Authorised Start:	Not Supplied 01 April				
	Authorised End:	31 March				
	Permit Start Date: Permit End Date:	23rd March 2021 Not Supplied				
		Located by supplier to within 10m				
	Water Abstractions					
	Operator:	Chambers Runfold Plc	A3NW	1153	2	487549
	Licence Number: Permit Version:	Th/039/0030/041 1	(S)			147419
	Location:	Pipe Point 'A' At Homefield Sand Pit, Guildford Rd, Farnham				
	Authority: Abstraction:	Environment Agency, Thames Region Mineral Products: Make-Up Or Top Up Water				
	Abstraction Type:	Water may be abstracted from a single point				
	Source: Daily Rate (m3):	Groundwater Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details: Authorised Start:	Not Supplied 01 April				
	Authorised End: Permit Start Date:	31 March 23rd March 2021				
	Permit Start Date: Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
	Water Abstractions					
	Operator: Licence Number:	Mr I M Thorburn 28/39/24/0224	A6NW (W)	1487	2	486370 148220
	Permit Version:	100	(**)			170220
	Location: Authority:	Badshot Farm Nurseries Borehole Environment Agency, Thames Region				
	Abstraction:	General Agriculture: Spray Irrigation - Direct				
	Abstraction Type: Source:	Water may be abstracted from a single point Groundwater				
	Daily Rate (m3):	50				
	Yearly Rate (m3): Details:	7500 Badshot Farm Nurseries, Badshot Lea				
	Authorised Start:	01 October				
	Authorised End: Permit Start Date:	30 September 1et April 2008				
	Permit End Date:	1st April 2008 Not Supplied				
	Positional Accuracy:	Located by supplier to within 100m				



Map ID		Details		Estimated Distance From Site	Contact	NGR
	Water Abstractions					
	Operator:	South East Water Ltd	A16SW	1513	2	486430
	Licence Number:	28/39/24/0112	(NW)			149200
	Permit Version: Location:	101 Boxalls Lane Pumping Station (Folkestone Beds) Point B				
	Authority:	Environment Agency, Thames Region				
	Abstraction:	Public Water Supply: Potable Water Supply - Direct				
	Abstraction Type:	Water may be abstracted from a single point				
	Source: Daily Rate (m3):	Groundwater Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details:	Not Supplied				
	Authorised Start:	01 January 21 December				
	Authorised End: Permit Start Date:	31 December 27th October 2010				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
	Water Abstractions					
	Operator:	South East Water Limited	A16SW	1513	2	486430
	Licence Number:	28/39/24/0112	(NW)		_	149200
	Permit Version:	100	l `´			
	Location:	Boxalls Lane Pumping Station (Folkestone Beds) Point B				
	Authority: Abstraction:	Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct				
	Abstraction Type:	Water may be abstracted from a single point				
	Source:	Groundwater				
	Daily Rate (m3):	Not Supplied				
	Yearly Rate (m3): Details:	Not Supplied Not Supplied				
	Authorised Start:	01 January				
	Authorised End:	31 December				
	Permit Start Date:	8th May 1967				
	Permit End Date:	Not Supplied Located by supplier to within 10m				
	-					
	Water Abstractions				_	
	Operator: Licence Number:	South East Water Ltd 28/39/24/0113	A16NW	1520	2	486450 149260
	Permit Version:	102	(NW)			149260
	Location:	Boxalls Lane Pumping Station (Chalk) Borehole B				
	Authority:	Environment Agency, Thames Region				
	Abstraction:	Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point				
	Abstraction Type: Source:	Groundwater				
	Daily Rate (m3):	Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details:	Section 46.(4) Water Resources Act 1991				
	Authorised Start: Authorised End:	01 January 31 December				
	Permit Start Date:	27th October 2010				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
	Water Abstractions					
	Operator:	South East Water Limited	A16NW	1520	2	486450
	Licence Number:	28/39/24/0113	(NW)			149260
	Permit Version: Location:	101 Boxalls Lane Pumping Station (Chalk) Borehole B				
	Authority:	Environment Agency, Thames Region				
	Abstraction:	Public Water Supply: Potable Water Supply - Direct				
	Abstraction Type:	Water may be abstracted from a single point				
	Source:	Groundwater Not Supplied				
	Daily Rate (m3): Yearly Rate (m3):	Not Supplied				
	Details:	Section 46.(4) Water Resources Act 1991				
	Authorised Start:	01 January				
	Authorised End:	31 December 8th August 2002				
	Permit Start Date: Permit End Date:	8th August 2003 Not Supplied				
		Located by supplier to within 10m				
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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Positional Accuracy:	South East Water Ltd 28/39/24/0113 102 Boxalls Lane Pumping Station (Chalk) Borehole A Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Section 46.(4) Water Resources Act 1991 01 January 31 December 27th October 2010 Not Supplied Located by supplier to within 10m	A16NW (NW)	1540	2	486470 149340
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:		A16NW (NW)	1540	2	486470 149340
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Positional Accuracy:	South East Water Ltd 28/39/24/0113 102 Boxalls Lane Pumping Station (Chalk) Borehole F Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Section 46.(4) Water Resources Act 1991 01 January 31 December 27th October 2010 Not Supplied Located by supplier to within 10m	A16SW (NW)	1544	2	486400 149210
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Positional Accuracy:	South East Water Limited 28/39/24/0113 101 Boxalls Lane Pumping Station (Chalk) Borehole F Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Section 46.(4) Water Resources Act 1991 01 January 31 December 8th August 2003 Not Supplied Located by supplier to within 10m	A16SW (NW)	1544	2	486400 149210



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	South East Water Plc 28/39/24/0113 100 Boxalls Lane Pumping Station Ch Point E Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 January 31 December 4th August 1992 Not Supplied	A16SW (NW)	1548	2	486400 149220
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3):	Located by supplier to within 10m South East Water Plc 28/39/24/0113 100 Boxalls Lane Pumping Station Ch Point B Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied	A16SW (NW)	1561	2	486400 149250
	Water Abstractions	Not Supplied Not Supplied 01 January 31 December 4th August 1992 Not Supplied Located by supplier to within 10m				
	-	South East Water Ltd 28/39/24/0113 102 Boxalls Lane Pumping Station (Chalk) Borehole C Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Section 46.(4) Water Resources Act 1991 01 January 31 December 27th October 2010 Not Supplied Located by supplier to within 10m	A16NW (NW)	1583	2	486390 149280
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Positional Accuracy:	South East Water Limited 28/39/24/0113 101 Boxalls Lane Pumping Station (Chalk) Borehole C Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Section 46.(4) Water Resources Act 1991 01 January 31 December 8th August 2003 Not Supplied Located by supplier to within 10m	A16NW (NW)	1583	2	486390 149280



Map ID		Details		Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number:	South East Water Ltd 28/39/24/0113	A16SW (W)	1635	2	486310 149230
	Permit Version: Location: Authority: Abstraction: Abstraction Type: Source:	102 Boxalls Lane Pumping Station (Chalk) Borehole D Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater				
	Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End:	Not Supplied Not Supplied Section 46.(4) Water Resources Act 1991 01 January 31 December				
	Permit Start Date: Permit End Date: Positional Accuracy:	27th October 2010 Not Supplied Located by supplier to within 10m				
	Water Abstractions					
	Operator: Licence Number: Permit Version:	South East Water Limited 28/39/24/0113 101	A16SW (W)	1635	2	486310 149230
	Location: Authority: Abstraction:	Boxalls Lane Pumping Station (Chalk) Borehole D Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct				
	Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3):	Water may be abstracted from a single point Groundwater Not Supplied Not Supplied				
	Details: Authorised Start: Authorised End:	Section 46.(4) Water Resources Act 1991 01 January 31 December				
	Permit Start Date: Permit End Date:	8th August 2003 Not Supplied Located by supplier to within 10m				
	Water Abstractions					
	Operator: Licence Number:	South East Water Plc 28/39/24/0113	A16SW (NW)	1638	2	486310 149240
	Permit Version: Location: Authority:	100 Boxalls Lane Pumping Station Ch Point C Environment Agency, Thames Region				
	Abstraction: Abstraction Type: Source:	Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater				
	Daily Rate (m3): Yearly Rate (m3): Details:	Not Supplied Not Supplied Not Supplied				
	Authorised Start: Authorised End: Permit Start Date:	01 January 31 December 4th August 1992				
	,	Not Supplied Located by supplier to within 10m				
	Water Abstractions		ALCANA	1650	0	106050
	Operator: Licence Number: Permit Version:	South East Water Plc 28/39/24/0113 100	A16NW (NW)	1650	2	486350 149350
	Location: Authority: Abstraction:	Boxalls Lane Pumping Station Ch Point A Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct				
	Abstraction Type: Source: Daily Rate (m3):	Water may be abstracted from a single point Groundwater 15911				
	Yearly Rate (m3): Details: Authorised Start:	3864100 Chalk (Undifferentiated) 01 January 24 December				
	Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	31 December 4th August 1992 Not Supplied Located by supplier to within 10m				
1	i Usilional Accuracy:	Localed by Supplier to within 1011				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator:	South East Water Plc	A16NW	1770	2	486180
	Licence Number: Permit Version:	28/39/24/0113 100	(W)			149270
	Location: Authority:	Boxalls Lane Pumping Station Ch Point D Environment Agency, Thames Region				
	Abstraction: Abstraction Type:	Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point				
	Source: Daily Rate (m3):	Groundwater Not Supplied				
	Yearly Rate (m3): Details:	Not Supplied Not Supplied				
	Authorised Start:	01 January				
	Authorised End: Permit Start Date:	31 December 4th August 1992				
	Permit End Date: Positional Accuracy:	Not Supplied Located by supplier to within 10m				
	Water Abstractions					
	Operator:	South East Water Ltd	A16NW	1772	2	486190
	Licence Number: Permit Version:	28/39/24/0112 101	(NW)			149300
	Location: Authority:	Boxalls Lane Pumping Station (Folkestone Beds) Point A Environment Agency, Thames Region				
	Abstraction: Abstraction Type:	Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point				
	Source: Daily Rate (m3):	Groundwater Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details: Authorised Start:	Not Supplied 01 January				
	Authorised End: Permit Start Date:	31 December 27th October 2010				
	Permit End Date: Positional Accuracy:	Not Supplied Located by supplier to within 10m				
	Water Abstractions					
	Operator: Licence Number:	South East Water Limited 28/39/24/0112	A16NW (NW)	1772	2	486190 149300
	Permit Version:	100	(1400)			143500
	Location: Authority:	Boxalls Lane Pumping Station (Folkestone Beds) Point A Environment Agency, Thames Region				
	Abstraction: Abstraction Type:	Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point				
	Source: Daily Rate (m3):	Groundwater 4546				
	Yearly Rate (m3):	1500180				
	Details: Authorised Start:	Folkestone Beds 01 January				
	Authorised End: Permit Start Date:	31 December 8th May 1967				
	Permit End Date: Positional Accuracy:	Not Supplied Located by supplier to within 10m				
	Water Abstractions					
	Operator:	South East Water Ltd	(NW)	1787	2	486170
	Licence Number: Permit Version:	28/39/24/0113 102				149290
	Location: Authority:	Boxalls Lane Pumping Station (Chalk) Borehole E Environment Agency, Thames Region				
	Abstraction: Abstraction Type:	Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point				
	Source:	Groundwater				
	Daily Rate (m3): Yearly Rate (m3):	Not Supplied Not Supplied				
	Details: Authorised Start:	Section 46.(4) Water Resources Act 1991 01 January				
	Authorised End: Permit Start Date:	31 December 27th October 2010				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Positional Accuracy:	South East Water Limited 28/39/24/0113 101 Boxalls Lane Pumping Station (Chalk) Borehole E Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Section 46.(4) Water Resources Act 1991 01 January 31 December 8th August 2003 Not Supplied Located by supplier to within 10m	(NW)	1787	2	486170 149290
	Water Industry Act	Referrals				
19	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Overton Plating Co Ltd GRANGE ROAD, TONGHAM, FARNHAM, SURREY, GU10 1DL Environment Agency, Thames Region AF0121 30th March 1992 Permissions or amendments to discharge under the Water Industry Act 1991 Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Application has been authorised and any conditions apply to the operator Manually positioned to the road within the address or location	A19SE (NE)	842	2	488647 149017
	Groundwater Vulne	rability Map				
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	Secondary Superficial Aquifer - High Vulnerability High Productive Bedrock Aquifer, Productive Superficial Aquifer High Well Connected Fractures 300-550 mm/year >70% <90% <3m No Data	A13NW (NE)	0	4	487863 148586
		rability - Soluble Rock Risk				
	Classification:	Significant Risk - Low Possibility	A13NW (NE)	0	4	487863 148586
	Bedrock Aquifer De Aquifer Designation:	signations Secondary Aquifer - A	A13NW (NE)	0	4	487863 148586
	Superficial Aquifer	-				
	Aquifer Designation:	Secondary Aquifer - A	A13NW (NE)	0	4	487863 148586
20	Source Protection 2 Name: Source: Reference: Type:	Zones Not Supplied Environment Agency, Head Office Not Supplied Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13SW (SW)	105	2	487792 148442
	Source Protection 2	Zones				
21	Name: Source: Reference: Type:	Not Supplied Environment Agency, Head Office Not Supplied Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SE (S)	297	2	487971 148268
	Source Protection 2	Zones				
22	Name: Source: Reference: Type:	Not Supplied Environment Agency, Head Office Not Supplied Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A12NE (NW)	681	2	487191 148866



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Source Protection Z Name: Source: Reference: Type:	Zones Not Supplied Environment Agency, Head Office Not Supplied Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A19NW (NE)	863	2	488334 149377
	Extreme Flooding fr Type: Flood Plain Type: Boundary Accuracy:	rom Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models and Fluvial Events As Supplied	A13NW (N)	0	2	487855 148605
	Extreme Flooding fr Type: Flood Plain Type: Boundary Accuracy:	rom Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Events As Supplied	A13NW (NE)	0	2	487863 148586
	Extreme Flooding fr Type: Flood Plain Type: Boundary Accuracy:	rom Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models and Fluvial Events As Supplied	A13SW (SW)	3	2	487820 148563
	Extreme Flooding fr Type: Flood Plain Type: Boundary Accuracy:	rom Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A13NW (NW)	40	2	487804 148627
	Extreme Flooding fr Type: Flood Plain Type: Boundary Accuracy:	rom Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A13NE (E)	42	2	487955 148615
	Extreme Flooding fi Type: Flood Plain Type: Boundary Accuracy:	rom Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models and Fluvial Events As Supplied	A13SW (SW)	63	2	487789 148496
	Extreme Flooding fr Type: Flood Plain Type: Boundary Accuracy:	rom Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Events As Supplied	A13NE (N)	98	2	487885 148730
	Extreme Flooding fr Type: Flood Plain Type: Boundary Accuracy:	rom Rivers or Sea without Defences Extent of Extreme Flooding from Rivers or Sea without Defences Fluvial Models and Fluvial Events As Supplied	A13NE (N)	149	2	487915 148780
	Flooding from River Type: Flood Plain Type: Boundary Accuracy:	r s or Sea without Defences Extent of Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A13NW (N)	0	2	487855 148605
	Flooding from River Type: Flood Plain Type: Boundary Accuracy:	rs or Sea without Defences Extent of Flooding from Rivers or Sea without Defences Fluvial Models As Supplied	A13SW (SW)	3	2	487820 148563
	Areas Benefiting fro	om Flood Defences				
	Flood Water Storag None	e Areas				
	Flood Defences None					
24	OS Water Network I Watercourse Length: Watercourse Level: Permanent: Watercourse Name: Catchment Name: Primacy:	Lake 47.5 On ground surface True	A13NE (E)	60	5	487976 148591
25	OS Water Network I Watercourse Form: Watercourse Length: Watercourse Level: Permanent: Watercourse Name: Catchment Name: Primacy:	Inland river 131.7 On ground surface True	A13NE (E)	62	5	487975 148619



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 153.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	74	5	487973 148650
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NW (NW)	88	5	487815 148692
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (W)	89	5	487724 148595
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NE (N)	106	5	487918 148737
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NE (N)	108	5	487921 148738
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NW (NW)	120	5	487727 148669
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 153.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	121	5	487936 148747
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NE (NE)	121	5	487936 148747
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 168.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	122	5	487998 148702



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NE (NE)	125	5	487939 148750
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NE (NE)	140	5	487948 148763
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	168	5	488082 148584
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (W)	181	5	487633 148561
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	201	5	488115 148619
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	204	5	488118 148622
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 769.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	212	5	488113 148676
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NW (W)	220	5	487608 148667
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (W)	269	5	487543 148567



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	270	5	488172 148684
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 455.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NW (W)	294	5	487533 148676
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A13NW (W)	294	5	487533 148676
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (W)	294	5	487533 148678
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 352.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NW (NE)	375	5	488245 148779
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	477	5	487867 149108
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	486	5	487859 149117
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	487	5	487876 149119
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A18SE (N)	510	5	487909 149143



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	511	5	487898 149144
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	515	5	487901 149147
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	548	5	487931 149180
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	582	5	488382 148954
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	595	5	487256 148799
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	595	5	487256 148799
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	609	5	487232 148771
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	616	5	487221 148758
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 413.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NW (E)	621	5	488501 148807



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	624	5	488447 148928
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 135.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	628	5	488428 148968
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	628	5	488428 148968
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 365.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A12NE (W)	658	5	487202 148831
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 451.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	660	5	487174 148756
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 304.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	660	5	487174 148756
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	669	5	487792 149293
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	670	5	487791 149294
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SE (E)	672	5	488577 148484



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SE (E)	673	5	488570 148443
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SE (E)	674	5	488564 148419
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	678	5	488396 149092
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 208.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	725	5	488326 149218
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SW)	801	5	487110 148198
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	816	5	488422 149257
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	842	5	487632 147719
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	876	5	488340 149388
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	876	5	488313 149403



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A19NW (NE)	877	5	488298 149412
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	879	5	488365 149376
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	907	5	486906 148612
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (S)	911	5	487511 147685
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (S)	913	5	487506 147684
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7SE (S)	915	5	487502 147684
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SE (NE)	916	5	488646 149160
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1073.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blackwater River Catchment Name: Thames Primacy: 1	A19NW (NE)	930	5	488328 149457
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	945	5	488438 149407



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NW (SW)	958	5	487065 147969
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	959	5	488421 149436
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	962	5	488432 149432



Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Recorded Lan	dfill Sites				
92	Site Name: Location: Authority: Ground Water: Surface Water: Geology: Positional Accuracy: Boundary Accuracy:	Homefield Sandpit FARNHAM, Surrey British Geological Survey, National Geoscience Information Service Information not available Information not available N/A Manually positioned to the address or location Derived	A8SW (S)	936	-	487755 147603
	Historical Landfill S	ites				
93	Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Last Input Date: Specified Waste Type: EA Waste Ref: Regis Ref: WRC Ref: BGS Ref: Other Ref:		A13NE (NE)	119	2	487994 148702
	Historical Landfill S	ites				
94	Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Last Input Date: Specified Waste Type: EA Waste Ref:	EAHLD32374 Not Supplied Not Supplied Deposited Waste included Inert Waste	A8SW (S)	935	2	487771 147603
	Regis Ref: WRC Ref: BGS Ref: Other Ref:	Not Supplied Not Supplied 2447 Not Supplied				
	Historical Landfill S	ites				
95	Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Last Input Date: Specified Waste Type: EA Waste Ref: Regis Ref: WRC Ref: BGS Ref: Other Ref:	As Supplied	A8SE (S)	937	2	487993 147611
	Historical Landfill S					
96	Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Last Input Date: Specified Waste Type: EA Waste Ref: Regis Ref: WRC Ref: BGS Ref: Other Ref:		A23SW (N)	972	2	487863 149604



Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	Name: Licence Number: Location: Licence Holder: Authority: Site Category: Max Input Rate: Licence Status: Issued:	Aggement Facilities (Landfill Boundaries) Homefield Landfill 210114 Homefield Landfill, Guildford Road, Runfold, Farnham, Surrey, GU10 1PG Chambers Runfold Plc Environment Agency - South East Region, West Thames Area Inert LF Not Supplied Modified 20th April 2005 Positioned by the supplier As Supplied	A8SW (S)	921	2	487736 147620
98	Name: Licence Number: Location: Licence Holder: Authority: Site Category: Max Input Rate: Licence Status: Issued:	Aggement Facilities (Landfill Boundaries) Homefield Sandpit, Runfold, Gu10 83116 Chambers Runfold Plc, Homefield Sandpit, Guildford Road, Runfold, Farnham, Surrey, GU10 1PG Chambers Runfold Plc Environment Agency - Thames Region, South East Area Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Not Supplied Inactive Not Supplied Positioned by the supplier As Supplied	A8SW (S)	926	2	487751 147613
99	Licence Number: Location: Operator Name: Operator Location: Authority: Site Category: Licence Status: Issued: Last Modified: Expires: Suspended: Revoked: Revoked: IPPC Reference:	Aggement Facilities (Locations) 102284 Runfold Roundabout, Runfold, Farnham, Surrey, GU10 1QJ Hanson Quarry Products Europe Ltd Not Supplied Environment Agency - South East Region, West Thames Area Management of inert or extractive waste at mine Issued 3rd March 2011 Not Supplied Not Supplied	A13SW (SW)	65	2	487794 148487
	Local Authority Land			0	6	487863 148586
	Local Authority Land			0	7	487863 148586
	Local Authority Land Name:	Ifill Coverage Rushmoor Borough Council - Has supplied landfill data		89	3	487815 148692
	Local Authority Land Name:	Ifill Coverage Hampshire County Council - Had landfill data but passed it to the relevant environment agency		89	8	487815 148692
	Local Authority Land Name:	Ifill Coverage Waverley Borough Council - Has supplied landfill data		119	9	487910 148433
100	Reference: Authority: Last Reported Status: Types of Waste: Date of Closure: Positional Accuracy:	orded Landfill Sites Homefield Sandpit, Waverley WA/18 Waverley Borough Council, Environmental Health Department Open Inert Not Supplied Positioned by the supplier Moderate	A8SW (S)	921	9	487710 147623



Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Rec	corded Landfill Sites				
101	Location: Reference: Authority: Last Reported Status: Types of Waste: Date of Closure: Positional Accuracy: Boundary Quality:	Homefield Sandpit, Runfold, Farnham WA/18/LLN Surrey County Council Not Supplied Not Supplied Positioned by the supplier Good	A8SW (S)	922	7	487727 147620
	Local Authority Rec	corded Landfill Sites				
102	Location: Reference: Authority: Last Reported Status: Types of Waste: Date of Closure: Positional Accuracy: Boundary Quality:	Seale Lane Sandpit, Seale GU/5/LLC Surrey County Council Not Supplied Not Supplied Positioned by the supplier Good	A8SE (S)	960	7	487998 147589
	Potentially Infilled L	and (Non-Water)				
103	Bearing Ref: Use: Date of Mapping:	SE Unknown Filled Ground (Pit, quarry etc) 1977	A9NE (SE)	814	-	488577 148126
	Potentially Infilled L	and (Non-Water)				
104	Bearing Ref: Use: Date of Mapping:	SE Unknown Filled Ground (Pit, quarry etc) 1977	A9NE (SE)	865	-	488541 148003
	Potentially Infilled L	and (Non-Water)				
105	Bearing Ref: Use: Date of Mapping:	N Unknown Filled Ground (Pit, quarry etc) 1977	A23SW (N)	970	-	487852 149602
	Potentially Infilled L	and (Water)				
106	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1961	A13SE (E)	198	-	488110 148566
	Potentially Infilled L	and (Water)				
107	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1961	A13NW (N)	301	-	487775 148907
	Potentially Infilled L	and (Water)				
108	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1920	A17SE (NW)	821	-	487229 149162
	Potentially Infilled L	and (Water)				
109	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1961	A18NE (N)	841	-	487919 149473
	Potentially Infilled L	and (Water)				
110	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1961	A18NE (N)	853	-	488001 149479
	Potentially Infilled L	and (Water)				
111	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1934	A17SE (NW)	877	-	487230 149241



Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	Registered Landfill Licence Holder: Licence Reference: Site Location: Licence Easting: Licence Rothing: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Status: Dated: Preceded By Licence: Superseded By Licence: Superseded By Licence: Positional Accuracy: Boundary Accuracy: Authorised Waste Prohibited Waste	Costain Civil Engineering Ltd GU/ 78 Tongham Nurseries, Tongham, Farnham, Surrey 488250 149000 Costain House, Nicholsons Walk, Maidenhead, Berkshire Environment Agency - Thames Region, South East Area Landfill Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste produced/controlled by licence holder Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled 1st January 1994 Not Given Not Given Manually positioned to the address or location	A19SW (NE)	510	2	488250 149000



Map ID		Details		Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Description:	d Geology Lambeth Group	A13NW	0	1	487863
			(NE)			148586
	BGS 1:625,000 Solid Description:	Thames Group	A13NW (N)	0	1	487862 148611
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment 15 - 25 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A13NW (NE)	0	1	487863 148586
	Concentration: BGS Estimated Soil Source: Soil Sample Type:		A13NW (W)	73	1	487743 148608
	Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	<15 mg/kg <1.8 mg/kg 60 - 90 mg/kg <100 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment 15 - 25 mg/kg <1.8 mg/kg 90 - 120 mg/kg	A13NE (NE)	78	1	487963 148675
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A13SE (S)	151	1	487888 148390
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment 15 - 25 mg/kg <1.8 mg/kg 90 - 120 mg/kg	A13NW (NW)	242	1	487753 148832



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment 15 - 25 mg/kg	A13SW (W)	259	1	487554 148563
	Cadmium Concentration: Chromium	<1.8 mg/kg 90 - 120 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment <15 mg/kg <1.8 mg/kg	A12SE (W)	475	1	487342 148513
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<100 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment 15 - 25 mg/kg	A12NE (W)	540	1	487275 148638
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	90 - 120 mg/kg <100 ma/ka				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment 15 - 25 mg/kg	A12SE (W)	605	1	487215 148485
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment 15 - 25 mg/kg <1.8 mg/kg	A12SE (SW)	626	1	487242 148327
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<100 mg/kg 15 - 30 mg/kg				
├ ──	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil and Sediment 15 - 25 mg/kg	A8SE (S)	757	1	488064 147812
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <100 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12NW (W)	812	1	487000 148586
	Cadmium Concentration: Chromium	<1.8 mg/kg 90 - 120 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12SW (W)	816	1	487000 148500
	Cadmium Concentration: Chromium	<1.8 mg/kg 90 - 120 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<100 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12SW (W)	826	1	487000 148435
	Cadmium Concentration: Chromium	<1.8 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	-				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment 15 - 25 mg/kg	A12NW (W)	845	1	487000 148820
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg 100 - 200 ma/ka				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A12SW (W)	868	1	487000 148278
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration:	<100 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	-				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Sediment <15 mg/kg	A17SW (NW)	914	1	487000 149005
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	100 - 200 mg/kg 15 - 30 mg/kg				



Map ID		Details		Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	Ritish Geological Survey, National Geoscience Information Service Rural Soil and Sediment <15 mg/kg	A8SE (S)	948	1	488088 147614
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration: Chromium	60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel	<100 mg/kg 15 - 30 mg/kg				
	Concentration:					
440	BGS Recorded Mine		A 4 0 N WAY	10		407000
113	Site Name: Location: Source:	Farnham Quarry Farnham, Surrey British Geological Survey, National Geoscience Information Service	A13NW (W)	19	1	487800 148600
	Reference: Type:	4334 Opencast				
	Status: Operator:	Ceased Hanson Aggregates, South East Region				
	Operator Location: Periodic Type:	Not Supplied Quaternary				
	Geology: Commodity: Positional Accuracy:	River Terrace Deposits, 2 To 3 (River Blackwater Gravel) Sand and Gravel Unknown				
	BGS Recorded Mine					
114	Site Name:	Tongham Nursery Gravel Pit	A18SE	470	1	488190
	Location: Source: Reference:	Tongham, Camberley, Surrey British Geological Survey, National Geoscience Information Service 17226	(NE)			149000
	Type: Status:	Opencast Ceased				
	Operator: Operator Location:	Unknown Operator Not Supplied				
	Periodic Type: Geology:	Quaternary River Terrace Deposits, 2 To 3 (River Blackwater Gravels)				
	Commodity:	Sand and Gravel Located by supplier to within 10m				
	BGS Recorded Mine	eral Sites				
115	Site Name: Location:	Grange Farm Chalk Pit Tongham, Farnham, Surrey	A14SW (SE)	515	1	488367 148353
	Source: Reference:	British Geological Survey, National Geoscience Information Service 245094	(/			
	Туре:	Opencast				
	Status: Operator:	Ceased Unknown Operator				
	Operator Location: Periodic Type:	Not Supplied Cretaceous				
	Geology: Commodity:	Lewes Nodular Chalk Formation Chalk				
		Located by supplier to within 10m				
140	BGS Recorded Mine		4.0014/	704		407500
116	Site Name: Location:	Runford Chalk Pit Runford, Farnham, Surrey	A8SW (SW)	701	1	487532 147904
	Source: Reference:	British Geological Survey, National Geoscience Information Service 165199				
	Type: Status:	Opencast Ceased				
	Operator:	Unknown Operator				
	Operator Location: Periodic Type:	Not Supplied Cretaceous				
	Geology: Commodity:	White Chalk Subgroup Chalk				
		Located by supplier to within 10m				
117	BGS Recorded Mine Site Name:	eral Sites Runford Chalk Pit	A7SE	768	1	487473
	Location: Source:	Runford, Farnham, Surrey British Geological Survey, National Geoscience Information Service	(SW)			147859
	Reference:	165200				
	Type: Status:	Opencast Ceased	1			
	Operator: Operator Location:	Unknown Operator Not Supplied	1			
	Periodic Type: Geology:	Cretaceous White Chalk Subgroup				
	Commodity:	Chalk				
	r usilional Accuracy:	Located by supplier to within 10m	1			



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	BGS Recorded Mine Site Name: Location: Source: Reference:	Runford Chalk Pit Runford, Farnham, Surrey British Geological Survey, National Geoscience Information Service 165202	A7SE (SW)	807	1	487479 147812
	Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Opencast Ceased Unknown Operator Not Supplied Cretaceous Grey Chalk Subgroup Chalk Located by supplier to within 10m				
118	BGS Recorded Mine Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity:	Runford Chalk Pit Runford, Farnham, Surrey British Geological Survey, National Geoscience Information Service 165205 Opencast Ceased Unknown Operator Not Supplied Cretaceous White Chalk Subgroup Chalk	A9NE (SE)	823	1	488584 148121
		Located by supplier to within 10m eral Sites				
119	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Runford Chalk Pit Runford, Farnham, Surrey British Geological Survey, National Geoscience Information Service 165201 Opencast Ceased Unknown Operator Not Supplied Cretaceous Grey Chalk Subgroup Chalk Located by supplier to within 10m	A7SE (SW)	840	1	487425 147804
120	BGS Recorded Mine Site Name: Location: Source: Reference: Type: Status: Operator: Operator: Operator: Operator: Deriodic Type: Geology: Commodity:		A9NE (SE)	868	1	488540 147998
121	BGS Recorded Mine Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	eral Sites Seale Chalk Pit Seale, Farnham, Surrey British Geological Survey, National Geoscience Information Service 165196 Opencast Ceased Unknown Operator Not Supplied Cretaceous White Chalk Subgroup Chalk Located by supplier to within 10m	A9NE (SE)	939	1	488749 148169
	BGS Measured Urb No data available	an Soil Chemistry				
	BGS Urban Soil Ch No data available Coal Mining Affecte In an area that might					
		reas of Great Britain Unlikely British Geological Survey, National Geoscience Information Service	A13SE (SE)	32	1	487896 148535



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Non Coal Mining Areas of Great Brita Risk: Highly Unlikely Source: British Geologica	in I Survey, National Geoscience Information Service	A13SE (S)	151	1	487888 148390
	Potential for Collapsible Ground Sta Hazard Potential: Very Low Source: British Geologica	bility Hazards	A13NW (NE)	0	1	487863 148586
	Potential for Collapsible Ground Sta Hazard Potential: No Hazard Source: British Geologica	bility Hazards	A13NW (N)	22	1	487847 148640
	Potential for Compressible Ground S Hazard Potential: No Hazard Source: British Geologica	tability Hazards	A13NW (NE)	0	1	487863 148586
	Potential for Compressible Ground S Hazard Potential: Very Low Source: British Geologica	tability Hazards	A13NW (N)	22	1	487847 148640
	Potential for Compressible Ground S Hazard Potential: Moderate Source: British Geologica	tability Hazards	A13NW (N)	67	1	487833 148678
	Potential for Ground Dissolution Sta Hazard Potential: No Hazard Source: British Geologica	bility Hazards I Survey, National Geoscience Information Service	A13NW (NE)	0	1	487863 148586
	Potential for Ground Dissolution Sta Hazard Potential: Low Source: British Geologica	bility Hazards I Survey, National Geoscience Information Service	A13SE (S)	151	1	487888 148390
	Potential for Ground Dissolution Sta Hazard Potential: Very Low Source: British Geologica	bility Hazards I Survey, National Geoscience Information Service	A13SW (S)	158	1	487823 148379
	Potential for Ground Dissolution Sta Hazard Potential: Very Low Source: British Geologica	bility Hazards I Survey, National Geoscience Information Service	A13SE (SE)	222	1	487978 148355
	Potential for Landslide Ground Stabi Hazard Potential: Very Low Source: British Geologica	lity Hazards	A13NW (NE)	0	1	487863 148586
	Potential for Landslide Ground Stabi Hazard Potential: No Hazard Source: British Geologica	lity Hazards	A13SE (SE)	222	1	487978 148355
	Potential for Running Sand Ground S Hazard Potential: Very Low Source: British Geologica	Stability Hazards	A13NW (NE)	0	1	487863 148586
	Potential for Running Sand Ground S Hazard Potential: Low Source: British Geologica	Stability Hazards	A13NW (N)	67	1	487833 148678
	Potential for Running Sand Ground S Hazard Potential: No Hazard Source: British Geologica	Stability Hazards	A13SE (SE)	222	1	487978 148355
	Potential for Shrinking or Swelling C Hazard Potential: Moderate Source: British Geologica	lay Ground Stability Hazards	A13NW (NE)	0	1	487863 148586
	Potential for Shrinking or Swelling C Hazard Potential: Low Source: British Geologica	lay Ground Stability Hazards	A13NW (N)	22	1	487847 148640
	Potential for Shrinking or Swelling C Hazard Potential: Very Low Source: British Geologica	lay Ground Stability Hazards	A13NW (W)	116	1	487697 148603
	Potential for Shrinking or Swelling C Hazard Potential: No Hazard Source: British Geologica	lay Ground Stability Hazards	A13SW (S)	119	1	487797 148423
	Potential for Shrinking or Swelling C Hazard Potential: No Hazard Source: British Geologica	lay Ground Stability Hazards	A13SW (W)	187	1	487627 148558



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas					
	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).	A13NW (NE)	0	1	487863 148586
	Source:	British Geological Survey, National Geoscience Information Service	()			
	Radon Potential - R	adon Protection Measures				
	Protection Measure:	No radon protective measures are necessary in the construction of new dwellings or extensions	A13NW (NE)	0	1	487863 148586
	Source:	British Geological Survey, National Geoscience Information Service				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR	
	Contemporary Trad	e Directory Entries					
122	Name: Location: Classification: Status: Positional Accuracy:	Shell Junction Of A331-A31, Tongham, Farnham, Surrey, GU10 1DN Petrol Filling Stations Active Manually positioned to the address or location	A13SE (SE)	20	-	487881 148559	
	Contemporary Trad						
123	Name: Location: Classification: Status:	Wanner (International) Ltd Unit 4/7, Grange Court, Grange Road, Tongham, Farnham, Surrey, GU10 1DW Pumps - Sales, Servicing & Repairs Inactive Automatically positioned to the address	A14NW (E)	451	-	488357 148690	
123	Contemporary Trad Name: Location: Classification: Status:	Skystream Networks The Granary, Grange Court, Grange Road, Tongham, Farnham, Surrey, GU10 1DW Telecommunications Equipment & Systems Inactive	A14NW (E)	486	-	488389 148711	
	Positional Accuracy:	Automatically positioned to the address					
124	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Stemmer Imaging Ltd The Old Barn, Grange Court, Grange Road, Tongham, FARNHAM, Surrey, GU10 1DW Distribution Services Inactive Automatically positioned to the address	A14NW (E)	466	-	488376 148672	
124	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries P A Gibbs Ltd Grange Farm, Grange Road, Tongham, Farnham, Surrey, GU10 1DN Asphalt & Coated Macadam Laying Contractors Active Automatically positioned to the address	A14NW (E)	492	-	488405 148645	
	Contemporary Trad	e Directory Entries					
125	Name: Location: Classification: Status: Positional Accuracy:	A Class Cleans Gloucester rd, Aldershot, Hampshire, GU11 3SQ Commercial Cleaning Services Inactive Manually positioned within the geographical locality	A17SE (NW)	509	-	487519 149001	
	Contemporary Trad	e Directory Entries					
126	Name: Location: Classification: Status: Positional Accuracy:	Overton Plating Co Grange Rd, Tongham, Farnham, Surrey, GU10 1DL Metal Finishing Services Inactive Manually positioned to the road within the address or location	A14NW (E)	590	-	488477 148780	
	Contemporary Trad	e Directory Entries					
127	Name: Location: Classification: Status: Positional Accuracy:	Test Line Ipsley House, Hogs Back, Seale, Farnham, Surrey, GU10 1LA Testing, Inspection & Calibration Equipment Manufacturers Inactive Automatically positioned to the address	A9NW (SE)	661	-	488281 148045	
	Contemporary Trad	e Directory Entries					
128	Name: Location: Classification: Status: Positional Accuracy:	Park Crematorium Guildford Road, Aldershot, Hampshire, GU12 4BP Cemeteries & Crematoria Active Automatically positioned to the address	A18SW (N)	689	-	487607 149257	
	Contemporary Trad	e Directory Entries					
129	Name: Location: Classification: Status: Positional Accuracy:	Wades Recycling 250, Selborne Avenue, Aldershot, Hampshire, GU11 3RQ Scrap Metal Merchants Active Automatically positioned to the address	A17SE (NW)	694	-	487207 148925	
	Contemporary Trade Directory Entries						
130	Name: Location: Classification: Status:	Bee Clean 1, Chester Way, Tongham, Farnham, Surrey, GU10 1EJ Cleaning Services - Domestic Inactive Automatically positioned to the address	A19SW (NE)	708	-	488515 148978	



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Champagne Cleaning 77, Morland Road, Aldershot, Hampshire, GU11 3SE Commercial Cleaning Services Inactive Automatically positioned to the address	A17SE (NW)	714	-	487247 149022
132	Contemporary Trade Name: Location: Classification: Status:		A19SE (NE)	719	-	488554 148931
133	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Hogs Back Manor Farm Business Centre, The Street, Tongham, Farnham, Surrey, GU10 1DE Brewers Active Automatically positioned to the address	A14SE (E)	737	-	488642 148479
133	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Techno Solutions Ltd Unit 8, Manor Farm Business Centre, The Street, Tongham, Farnham, Surrey, GU10 1DE Diesel Engine Equipment & Services Inactive Automatically positioned to the address	A14SE (E)	738	-	488640 148458
133	Contemporary Trade Name: Location: Classification: Status:		A14SE (E)	765	-	488667 148456
134	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Macey'S Mower Maintenance 12, Russet Close, Tongham, Farnham, GU10 1BN Lawnmowers & Garden Machinery - Sales & Service Inactive Automatically positioned to the address	A19SW (NE)	751	-	488467 149122
135	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Anglia Transformers Grange Road, Tongham, Farnham, Surrey, GU10 1DJ Transformer Manufacturers Active Automatically positioned to the address	A19SE (NE)	791	-	488625 148950
135	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries D L T Specialist Cleaning Services Ltd 101, The Street, Tongham, Farnham, Surrey, GU10 1DD Cleaning Services - Domestic Active Automatically positioned to the address	A19SE (NE)	814	-	488663 148922
136	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries L J Southon 82, The Street, Tongham, Farnham, Surrey, GU10 1AA Garage Services Inactive Automatically positioned to the address	A19SE (NE)	807	-	488625 148983
136	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Excek Office Solutions Ltd Unit A4,The Street, Tongham, Farnham, Surrey, GU10 1AA Office Furniture & Equipment Active Manually positioned to the road within the address or location	A19SE (NE)	816	-	488644 148967
136	Contemporary Trade Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries D & M Engineering Ltd 2-4, Poyle Road, Tongham, Farnham, Surrey, GU10 1DS Precision Engineers Active Automatically positioned to the address	A19SE (NE)	846	-	488669 148985



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries D L T Specialist Cleaning Services Ltd 101, The Street, Tongham, Farnham, Surrey, GU10 1DD Commercial Cleaning Services Inactive Automatically positioned to the address	A19SE (NE)	846	-	488669 148985
137	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries P J King Transport 11, Chetwode Place, Aldershot, Hampshire, GU12 4BS Car Breakdown & Recovery Services Active Automatically positioned to the address	A17NE (NW)	811	-	487492 149334
138	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Hog'S Back Associates Ltd 92, The Street, Tongham, Farnham, Surrey, GU10 1AA Kitchen Furniture Manufacturers Inactive Automatically positioned to the address	A19SE (NE)	821	-	488626 149011
139	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Shades On Ray 24, Allden Avenue, Aldershot, Hampshire, GU12 4AG Window Tinting Inactive Automatically positioned to the address	A18NW (N)	851	-	487604 149431
139	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Elite Auto Services Southern Counties Mobile Mechanic 19, Guildford Road, Aldershot, GU12 4BN Garage Services Active Automatically positioned to the address	A18NW (N)	853	-	487572 149421
140	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Marge Sandon Domestic Cleaning Service 5, Ellison Way, Tongham, Farnham, Surrey, GU10 1AY Cleaning Services - Domestic Inactive Automatically positioned to the address	A19SE (NE)	882	-	488613 149147
141	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Meat Marketing Services (Uk) Ltd Beavers Lodge, Seale Lane, Seale, Farnham, Surrey, GU10 1LF Meat - Wholesale Inactive Automatically positioned to the address	A8SE (S)	905	-	488074 147662
142	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Platerite 28, Chetwode Place, Aldershot, Hampshire, GU12 4BS Metal Finishing Services Active Automatically positioned to the address	A17NE (NW)	919	-	487377 149395
142	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Aldershot Office Cleaning 101, Lower Farnham Road, Aldershot, Hampshire, GU12 4EW Commercial Cleaning Services Active Automatically positioned to the address	A17NE (NW)	957	-	487374 149436
143	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries The Picklewood Emporium Sandbach, Seale Lane, Seale, Farnham, Surrey, GU10 1PR Antiques - Repairing & Restoring Inactive Automatically positioned to the address	A8SE (S)	963	-	487919 147576
144	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Stedman Blower The Studios, Runfold St. George, Badshot Lea, Farnham, Surrey, GU10 1PL Powder Coatings Inactive Automatically positioned to the address	A7NW (SW)	972	-	486948 148138
145	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Trina Cleaners 119, Lower Farnham Road, Aldershot, Hampshire, GU11 3QY Cleaning Services - Domestic Inactive Automatically positioned to the address	A17NE (NW)	980	-	487215 149362



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	Contemporary Trad Name: Location: Classification: Status:	Paul Weaver Restorations Hewetts Kilns, Tongham Road, Farnham, Surrey, GU10 1PJ Antiques - Repairing & Restoring Active	A7SW (SW)	981	-	487104 147884
147	Contemporary Trad Name: Location: Classification: Status:	Automatically positioned to the address e Directory Entries Prohelp Property Solutions 16, Oak Way, Aldershot, Hampshire, GU12 4BA Cleaning Services - Domestic Inactive Automatically positioned to the address	A19NW (N)	983	-	488210 149564
148	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries C T Bristow Lydgate, Seale Lane, Seale, Farnham, Surrey, GU10 1LF French Polishing Inactive Automatically positioned to the address	A9SW (SE)	996	-	488424 147730
148	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Bristow Lydgate, Seale Lane, Seale, Farnham, Surrey, GU10 1LF French Polishing Inactive Automatically positioned to the address	A9SW (SE)	996	-	488424 147730
149	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries P G I Ltd Guildford Rd, Farnham, Surrey, GU10 1PG Car Dealers - Used Inactive Manually positioned to the road within the address or location	A7SE (S)	997	-	487516 147592
150	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Crown Litho 1 Paragon Court, Tongham Road, Aldershot, GU12 4AA Printers Inactive Automatically positioned to the address	A23SW (N)	999	-	487829 149629
150	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Crown Litho 1, Paragon Court, Tongham Road, Aldershot, Hampshire, GU12 4AA Printers Inactive Automatically positioned to the address	A23SW (N)	1000	-	487829 149630
150	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Holland & Watts 1, Paragon Court, Tongham Road, Aldershot, Hampshire, GU12 4AA Print Finishers Inactive Automatically positioned to the address	A23SW (N)	1000	-	487829 149630
150	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Holland & Watts 1, Paragon Court, Tongham Road, Aldershot, Hampshire, GU12 4AA Printers Inactive Automatically positioned to the address	A23SW (N)	1000	-	487829 149630
151	Fuel Station Entries Name: Location: Brand: Premises Type: Status: Positional Accuracy:	Tongham Services Tongham Road Hogs Back, Tongham Runfold Farm, Farnham, Surrey, GU10 1DN Shell Petrol Station Open Manually positioned to the address or location	A13SE (SE)	17	-	487875 148559
152	Name: Location: Category: Class Code:	Commercial Services Stemmer Imaging Ltd The Old Barn Grange Court, Grange Road, Tongham, GU10 1DW Transport, Storage and Delivery Distribution and Haulage Positioned to address or location	A14NW (E)	465	10	488373 148680



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	Points of Interest - Commercial Services Name: Firstsight Vision Ltd Location: The Old Barn Grange Court, Grange Road, Tongham, Farnham, GU10 1DV Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW V (E)	466	10	488376 148672
153	Points of Interest - Commercial Services Name: Wades Recycling Location: 250 Selborne Avenue, Aldershot, GU11 3RQ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NE (NW)	689	10	487210 148921
154	Points of Interest - Commercial Services Name: Ace Skip Hire Location: 2 Grange Road, Tongham, Farnham, GU10 1DJ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14NE (NE)	728	10	488579 148900
155	Points of Interest - Commercial Services Name: L J Southon Location: 82 The Street, Tongham, Farnham, GU10 1AA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	807	10	488625 148983
155	Points of Interest - Commercial Services Name: L J Southon Location: 82 The Street, Tongham, Farnham, GU10 1AA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	807	10	488625 148983
156	Points of Interest - Commercial Services Name: Elite Auto Services Southern Counties Mobile Mechanic Location: 19 Guildford Road, Aldershot, GU12 4BN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	853	10	487572 149421
157	Points of Interest - Commercial Services Name: Felledwood Timber Ltd Location: 15 Pawley Close, Tongham, GU10 1DR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SE (NE)	952	10	488697 149148
158	Points of Interest - Manufacturing and Production Name: Hanson Quarry Products Europe Ltd Location: Farnham Quarry, Runfold Roundabout, Runfold, Farnham, GU10 1QJ Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A13SW (SW)	61	10	487809 148482
159	Points of Interest - Manufacturing and Production Name: Workings (Dis) Location: GU10 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	638	10	487210 148373
160	Points of Interest - Manufacturing and Production Name: Workings (Dis) Location: GU10 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	726	10	487488 147899
161	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	745	10	488578 148941
161	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	799	10	488630 148957



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	Points of Interest - Manufacturing and Production Name: Works Location: GU10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	799	10	488630 148957
161	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	839	10	488669 148969
161	Points of Interest - Warufacturing and Production Name: Works Location: GU10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	840	10	488669 148970
162	Points of Interest - Manufacturing and Production Name: Business Centre Location: GU10 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	816	10	488719 148462
162	Points of Interest - Manufacturing and Production Name: Business Centre Location: GU10 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	824	10	488728 148464
163	Points of Interest - Public Infrastructure Name: Tongham Services Location: Tongham Road, Hogs Back, Tongham, Farnham, GU10 1DN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	17	10	487875 148559
163	Points of Interest - Public Infrastructure Name: Shell Location: Junction of A331-A31, Tongham, Farnham, GU10 1DN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13SE (SE)	20	10	487881 148559
164	Points of Interest - Public Infrastructure Name: Ace 1 First Location: 2 Springfield Cottages, Grange Road, Tongham, Farnham, GU10 1DN Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13SE (E)	210	10	488111 148525
164	Points of Interest - Public Infrastructure Name: Ace One 1st Location: 2 Springfield Cottages, Grange Road, Tongham, Farnham, GU10 1DN Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13SE (E)	210	10	488111 148526
165	Points of Interest - Public Infrastructure Name: Garden of Remembrance Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	269	10	487662 148808
166	Points of Interest - Public Infrastructure Name: Park Crematorium Location: GU12 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A13NW (N)	292	10	487755 148887
166	Points of Interest - Public Infrastructure Name: Park Crematorium Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	293	10	487751 148886



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	Points of Interest - Public Infrastructure Name: Park Crematorium Location: Guildford Road, Aldershot, GU1 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A18SW (N)	688	10	487607 149256
167	Points of Interest - Public Infrastructure Name: Aldershot Crematorium Location: Guildford Road, Aldershot, GU1 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or locatic	A18SW (N)	689	10	487607 149257
168	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: GU12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Positional Accuracy: Positioned to an adjacent address	A19NW (NE)	919	10	488341 149437
169	Points of Interest - Public Infrastructure Name: Sewage Pumping Station Location: GU12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Positional Accuracy: Positioned to an adjacent addressing	A18NE (N)	966	10	488052 149586
170	Points of Interest - Recreational and Environments Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent addression	A18SW (N)	606	10	487769 149225
170	Points of Interest - Recreational and Environmental Name: Playground Location: Guildford Road, GU12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address	A18SW (N)	606	10	487769 149225
171	Points of Interest - Recreational and Environmental Name: Play Area Location: GU10 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address	A14NW (E)	626	10	488518 148768
172	Points of Interest - Recreational and Environments Name: Playground Location: Calton Gardens, GU11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A17SE (NW)	840	10	487271 149227
172	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address	A17SE (NW)	841	10	487269 149227



Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	Ancient Woodland Name: Reference: Area(m ²): Type:	Not Supplied 1492561 2375.39 Ancient and Semi-Natural Woodland	A19SW (NE)	582	11	488382 148954
174	Areas of Adopted C Authority: Plan Name: Status: Plan Date:	Green Belt Guildford Borough Council, Environmental Planning Group Guildford Borough Local Plan 2003 Adopted 31st January 2003	A8NE (S)	579	6	487969 147971
175	Areas of Adopted C Authority: Plan Name: Status: Plan Date:	Green Belt Waverley Borough Council Waverley Local Plan Part 1 - Core Strategy Adopted 20th February 2018	A8SE (S)	854	12	487896 147683
176	Areas of Unadopte Authority: Plan Name: Status: Plan Date:	d Green Belt Guildford Borough Council, Environmental Planning Group Guildford Local Plan Submission Draft 13th December 2017	A8NE (S)	650	6	488090 147935
177	Areas of Outstandi Name: Multiple Areas: Total Area (m2): Designation Date: Source:	ng Natural Beauty Surrey Hills Y 422462391.6707095 30th May 1958 Natural England	A8NE (SE)	655	11	488134 147948



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
Rushmoor Borough Council - Environmental Health Department	October 2017	Annual Rolling Update
Waverley Borough Council - Environmental Health Department	October 2017	Annual Rolling Update
Guildford Borough Council - Environmental Health Department	September 2017	Annual Rolling Update
Hart District Council - Environmental Health Department	September 2017	Annual Rolling Update
Surrey Heath Borough Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Thames Region	April 2022	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Thames Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Thames Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Solent & South Downs Area	April 2022	Quarterly
Environment Agency - South East Region - West Thames Area	April 2022	Quarterly
Environment Agency - Thames Region	April 2022	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Waverley Borough Council - Environmental Health Department	April 2015	Variable
Guildford Borough Council - Environmental Health Department	December 2014	Variable
Rushmoor Borough Council - Environmental Health Department	December 2015	Variable
Hart District Council - Environmental Health Department	June 2014	Variable
Surrey Heath Borough Council - Environmental Health Department	November 2015	Variable
Local Authority Pollution Prevention and Controls		
Waverley Borough Council - Environmental Health Department	April 2015	Annual Rolling Update
Guildford Borough Council - Environmental Health Department	December 2014	Annual Rolling Update
Rushmoor Borough Council - Environmental Health Department	December 2015	Annual Rolling Update
Hart District Council - Environmental Health Department	June 2014	Annual Rolling Update
Surrey Heath Borough Council - Environmental Health Department	November 2015	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Waverley Borough Council - Environmental Health Department	April 2015	Variable
Guildford Borough Council - Environmental Health Department	December 2014	Variable
Rushmoor Borough Council - Environmental Health Department	December 2015	Variable
Hart District Council - Environmental Health Department	June 2014	Variable
Surrey Heath Borough Council - Environmental Health Department	November 2015	Variable
Nearest Surface Water Feature		
Ordnance Survey	March 2022	
Pollution Incidents to Controlled Waters	0	
Environment Agency - Thames Region	September 1999	
Prosecutions Relating to Authorised Processes	h.h. 2015	
Environment Agency - Thames Region	July 2015	
Prosecutions Relating to Controlled Waters	Marsh 2012	
Environment Agency - Thames Region	March 2013	
Registered Radioactive Substances	lupo 2016	As notified
Environment Agency - Thames Region	June 2016	
River Quality	November 0004	Not Applicable
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	



Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - South East Area	April 2022 April 2022 April 2022	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	April 2022	Quarterly
Water Industry Act Referrals Environment Agency - Thames Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2022	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2022	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2022	Quarterly
Flood Defences Environment Agency - Head Office	February 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2022	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified



Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	January 2022	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Thames Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Solent & South Downs Area	April 2022	Quarterly
Environment Agency - South East Region - West Thames Area	April 2022	Quarterly
Environment Agency - Thames Region - South East Area	April 2022	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	April 2022	Quarterly
Environment Agency - South East Region - West Thames Area	April 2022	Quarterly
Environment Agency - Thames Region - South East Area	April 2022	Quarterly
Local Authority Landfill Coverage		
Guildford Borough Council - Environmental Planning Group	February 2003	Not Applicable
Hampshire County Council - Minerals and Waste Planning	February 2003	Not Applicable
Hart District Council - Environmental Services	February 2003	Not Applicable
Rushmoor Borough Council - Environmental Health Department	February 2003	Not Applicable
Surrey County Council	February 2003	Not Applicable
Surrey Heath Borough Council - Environmental Health Department	February 2003	Not Applicable
Waverley Borough Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Guildford Borough Council - Environmental Planning Group	October 2018	
Hampshire County Council - Minerals and Waste Planning	October 2018	
Hart District Council - Environmental Services	October 2018	
Rushmoor Borough Council - Environmental Health Department	October 2018	
Surrey County Council	October 2018	
Surrey Heath Borough Council - Environmental Health Department	October 2018	
Waverley Borough Council - Environmental Health Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Thames Region - South East Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Thames Region - South East Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Thames Region - South East Area	June 2015	



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2022	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Guildford Borough Council - Environmental Planning Group	February 2016	Variable
Hampshire County Council - Minerals and Waste Planning	February 2016	Variable
Hart District Council - Environmental Services	February 2016	Variable
Rushmoor Borough Council	February 2016	Variable
Surrey County Council	February 2016	Variable
Surrey Heath Borough Council	February 2016	Variable
Waverley Borough Council	February 2016	Variable
Planning Hazardous Substance Consents		
Guildford Borough Council - Environmental Planning Group	February 2016	Variable
Hampshire County Council - Minerals and Waste Planning	February 2016	Variable
Hart District Council - Environmental Services	February 2016	Variable
Rushmoor Borough Council	February 2016	Variable
Surrey County Council	February 2016	Variable
Surrey Heath Borough Council	February 2016	Variable
Waverley Borough Council	February 2016	Variable



Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	Annually



Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2022	Quarterly
Fuel Station Entries Catalist Ltd - Experian	March 2022	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2022	Quarterly
Points of Interest - Education and Health PointX	June 2022	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2022	Quarterly
Points of Interest - Public Infrastructure PointX	June 2022	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2022	Quarterly
Underground Electrical Cables National Grid	May 2021	Bi-Annually



Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Guildford Borough Council - Environmental Planning Group	October 2020	Quarterly
Hart District Council - Environmental Services	October 2020	Quarterly
Rushmoor Borough Council	October 2020	Quarterly
Surrey Heath Borough Council	October 2020	Quarterly
Waverley Borough Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Guildford Borough Council - Environmental Planning Group	October 2020	Quarterly
Hart District Council - Environmental Services	October 2020	Quarterly
Rushmoor Borough Council	October 2020	Quarterly
Surrey Heath Borough Council	October 2020	Quarterly
Waverley Borough Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2021	Bi-Annually
Marine Nature Reserves		
Natural England	July 2019	Bi-Annually
National Nature Reserves		
Natural England	January 2021	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation	,	, ,
Natural England	July 2020	Bi-Annually
Special Protection Areas	,	
Natural England	February 2021	Bi-Annually
	1 051041 y 2021	



A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPÃO Scottish Environment Protection Agency
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE (관소한슈)
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	Stantec

Useful Contacts



Contact	Name and Address	Contact Details	
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk	
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk	
3	Rushmoor Borough Council - Environmental Health Department Council Offices, Farnborough Road, Farnborough, Hampshire, GU14 7JU	Telephone: 01252 398398 extn 8136 Fax: 01252 524017 Website: www.rushmoor.gov.uk	
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409	
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk	
6	Guildford Borough Council - Environmental Planning Group Millmead House, Millmead, Guildford, Surrey, GU2 4BB	Telephone: 01483 505050 Fax: 01483 44444 Website: www.guildford.gov.uk	
7	Surrey County Council Penrhyn Road, Kingston-upon-Thames, Surrey, KT1 2DN	Telephone: 020 8541 8800 Fax: 020 8541 9005 Website: www.surreycc.gov.uk	
8	Hampshire County Council - Minerals and Waste Planning Room 130, Ashburton Court West, The Castle, Winchester, Hampshire, SO23 8UD	Telephone: 01962 841841 Fax: 01962 847055 Website: www.hants.gov.uk	
9	Waverley Borough Council - Environmental Health Department Council Offices, The Burys, Godalming, Surrey, GU7 1HR	Telephone: 01483 523333 Fax: 01483 869118 Website: www.waverley.gov.uk	
10	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk	
11	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk	
12	Waverley Borough Council Council Offices, The Burys, Godalming, Surrey, GU7 1HR	Telephone: 01483 523333 Fax: 01483 426337 Website: www.waverley.gov.uk	
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org	
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk	

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age	Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene		UGS	Upper Greensand Formation	Siltstone and Sandstone	Not Supplied - Albian
\square	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene		GLT	Gault Formation	Mudstone	Not Supplied - Albian
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene		FO	Folkestone Formation	Sandstone	Not Supplied - Aptian
	LSGR	Landscaped Ground (Undivided)	Artificially Modified Ground	Not Supplied - Holocene		SAB	Sandgate Formation	Sandstone and Mudstone	Not Supplied - Aptian
	DDGR	Disturbed Ground (Undivided)	Artificially Modified Ground	Not Supplied - Holocene			Faults		

Superficial Geology

Map Colour			Rock Type	Min and Max Age
	ALV Alluvium		Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	T2T3 River Terrace Deposits, 2 to 3		Sand and Gravel	Not Supplied - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTDU River Terrace Deposits (Undifferentiated)		Sand and Gravel	Not Supplied - Quaternary
	RTD4 River Terrace Deposits, 4		Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	BGS			Not Supplied - Ypresian
	LMBE Lambeth Group Clay, Si		Clay, Silt and Sand	Not Supplied - Thanetian
	LECH Lewes Nodular Chalk Formation		Chalk	Not Supplied - Turonian
			Not Supplied - Cenomanian	
		Not Supplied - Cenomanian		



Geology 1:50,000 Maps

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

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

Geology 1:50,000 Maps Coverage

Geology 1:50,0	000 Maps Coverage	
Map ID: Map Sheet No: Map Dane: Bedrock Geology: Superficial Geology: Artificial Geology: Faults: Landslip: Rock Segments:	1 285 Guildford 2001 Available Available Not Supplied Not Supplied	
Geology 1:50,0	000 Maps - Slice A	
A21 A22	A23 A24 A25	
-A16A17	A18A19	N
- A11 A12	A13A14	÷
-·A6 A7	A8 A3 A10-	V
A1 A2	A'3 A'4 A5	
Order Details: Order Number: Customer Reference: National Grid Reference	296685367_1_1 J15186 - Farnham_VF	

Site Area (Ha): Search Buffer (m): Site Details:

Slice:

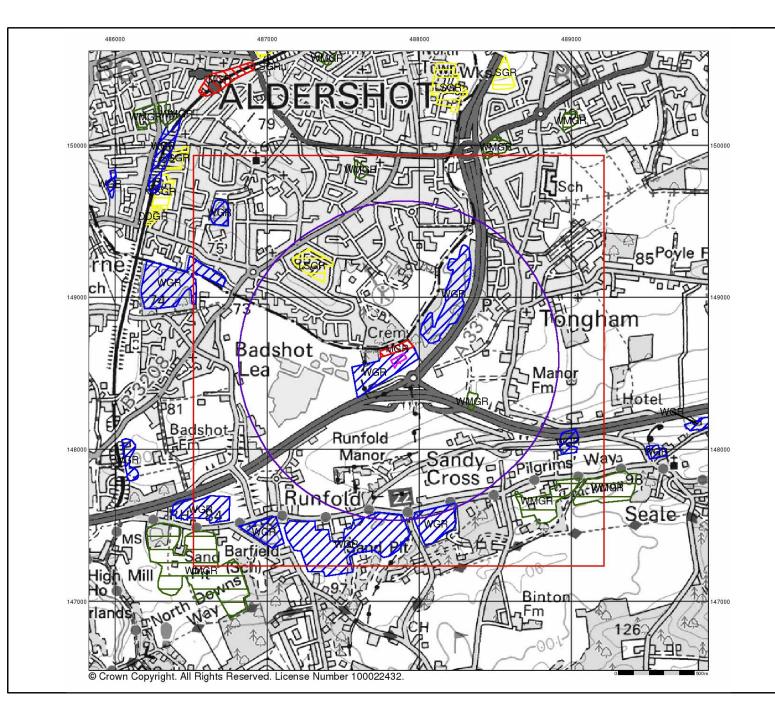
Tongham Services, Farnham, TONGHAM, GU10 1FP

А

0.4 1000

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 Tel: Fax: Web:
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 09-Jun-2022
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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:

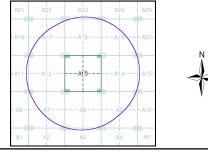
- Made ground man-made deposits such as embankments and spoil heaps on the natural ground surface.
 Worked ground - areas where the ground has been cut away such as
- Worked ground areas where the ground has been cut away such as quarries and road cuttings.

- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.

Landscaped ground - areas where the surface has been reshaped.
 Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

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

Artificial Ground and Landslip Map - Slice A



 Order Details:

 Order Number:
 296685367_1_1

 Customer Reference:
 J15186 - Farnham_VF

 National Grid Reference:
 487860, 148590

 Slice:
 A

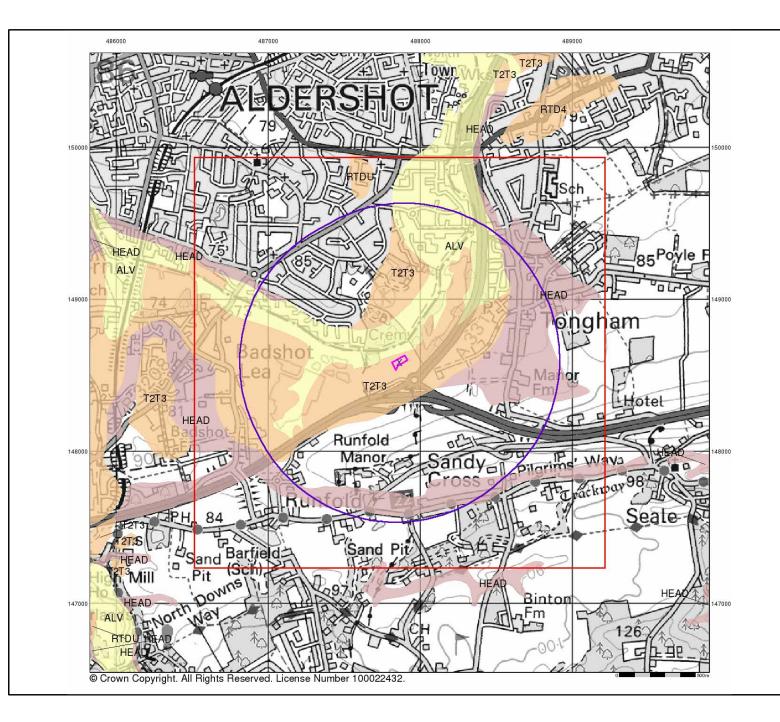
 Ste Area (Ha):
 0.4

 Search Buffer (m):
 1000

 Site Details:
 Tongham Services, Farnham, TONGHAM, GU10 1FP

 Landmark
 Tel: Fax: Web:
 0844 844 9952 0844 844 9951 Web:

 v15.0
 09-Jun-2022
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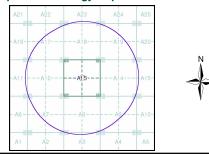
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



 Order Details:

 Order Number:
 296685367_1_1

 Customer Reference:
 J15186 - Farnham_VF

 National Grid Reference:
 487860, 148590

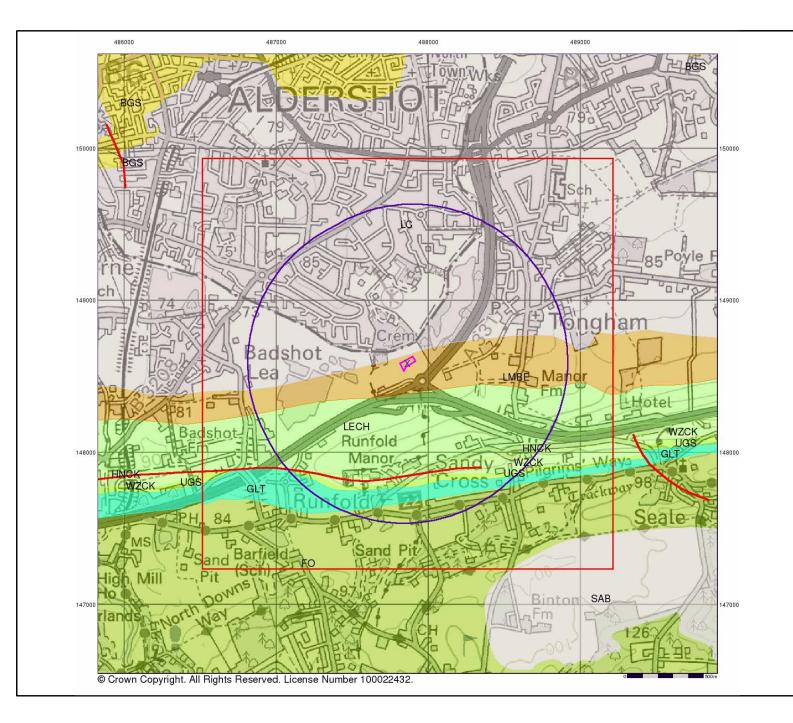
 Slice:
 A

 Ste Area (Ha):
 0.4

 Site Details:
 1000

Tongham Services, Farnham, TONGHAM, GU10 1FP







Bedrock and Faults

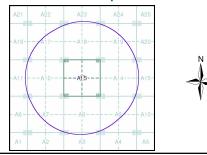
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

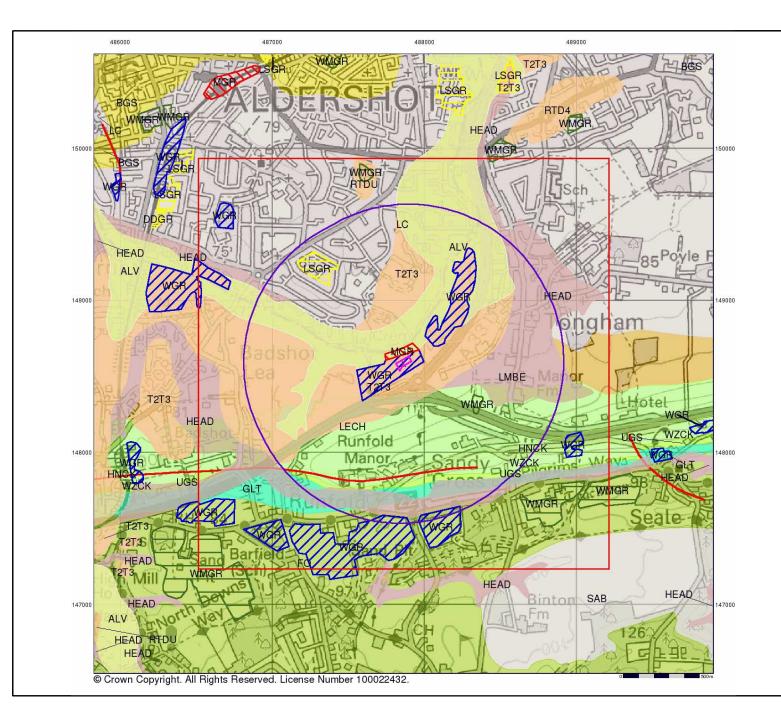
Bedrock and Faults Map - Slice A



Order Details: Order Number: Customer Reference: National Grid Reference: Sitoe: Site Area (Ha): Search Buffer (m):	296685367_1 J15186 - Farn 487860, 14859 A 0.4 1000	ham_VF
Site Details: Tongham Services, Famha	am, TONGHAM, G	GU10 1FP
	K Tel Fax We	x: 0844 844 9951

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Combined Surface Geology

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

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

Additional Information

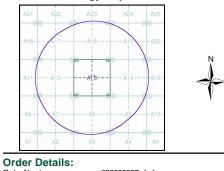
More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following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

Contact

British Geological Survey Kingsley Dunham Centre Keyworth Nottingham NG12 5GG Telephone: 0115 936 3143 Fax: 0115 936 3276 email: enquiries@bgs.ac.uk website: www.bgs.ac.uk

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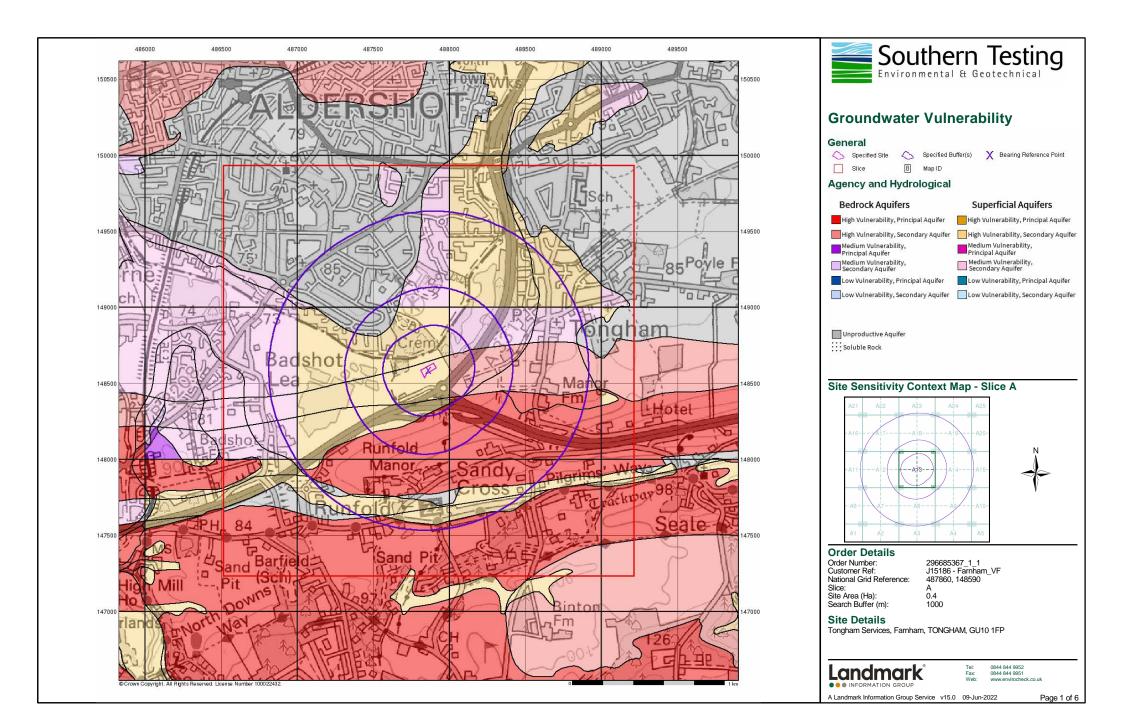
Combined Geology Map - Slice A

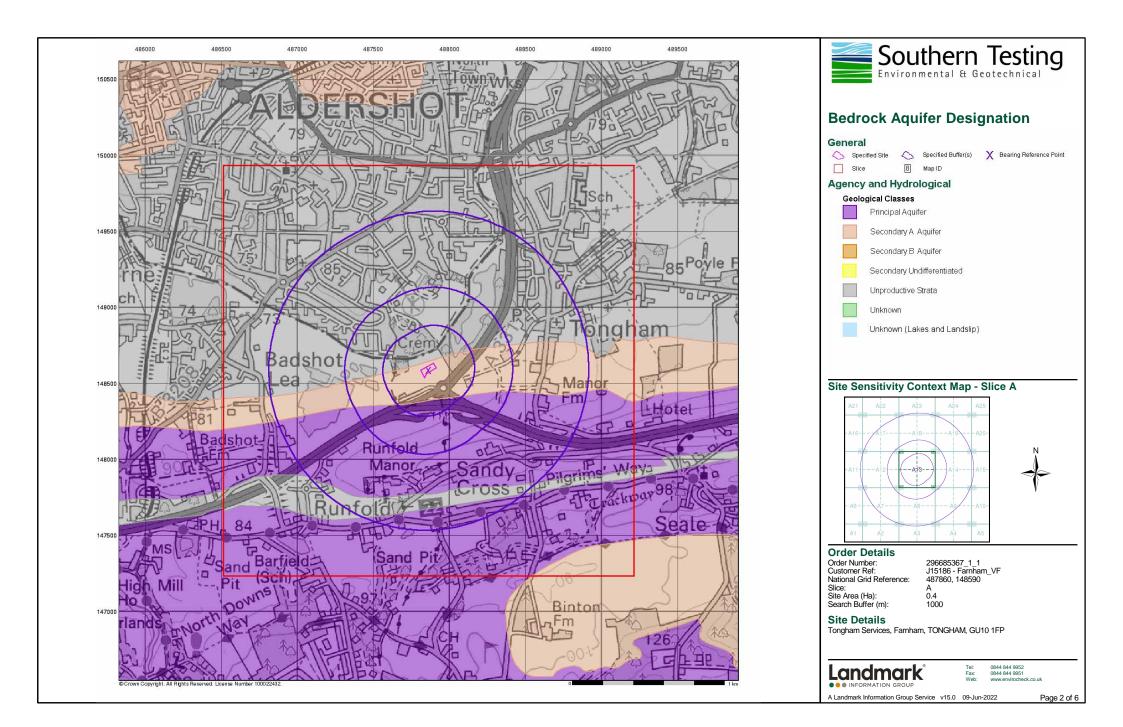


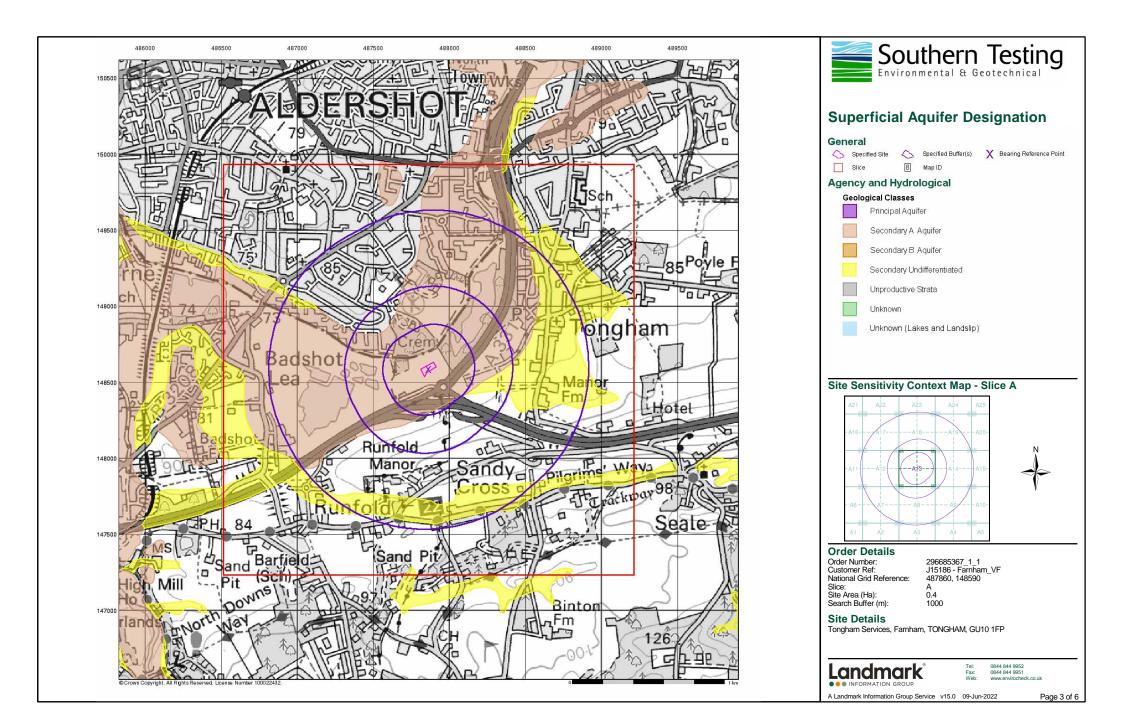


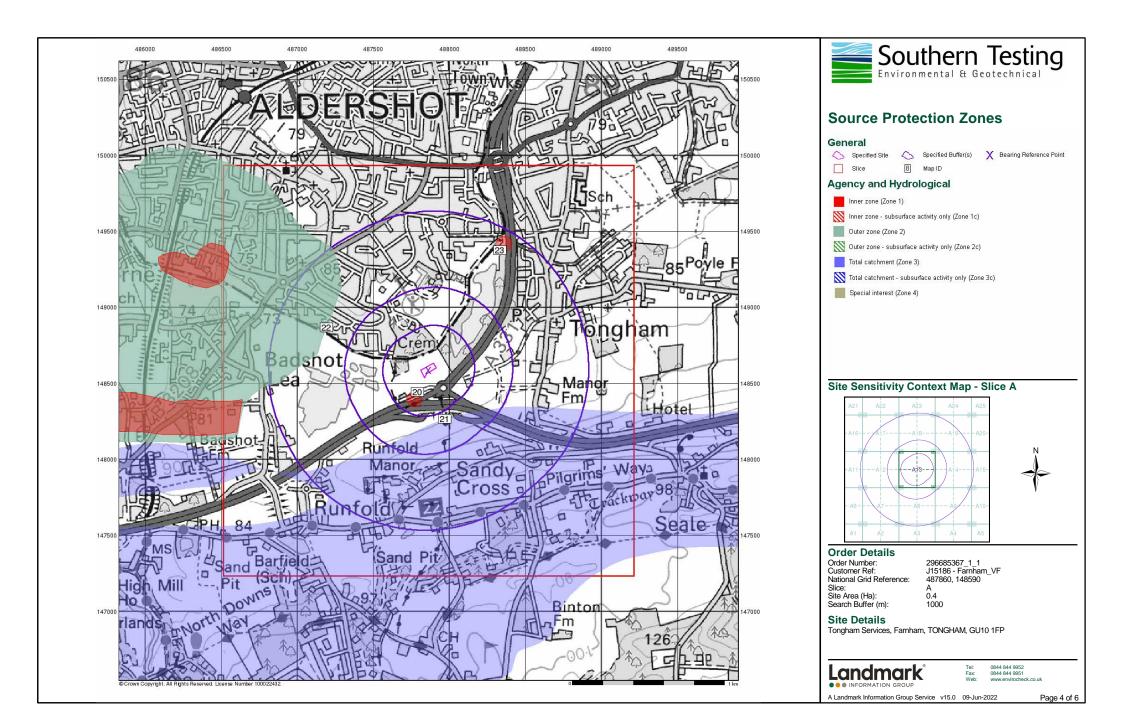
www.envirocheck.co.uk

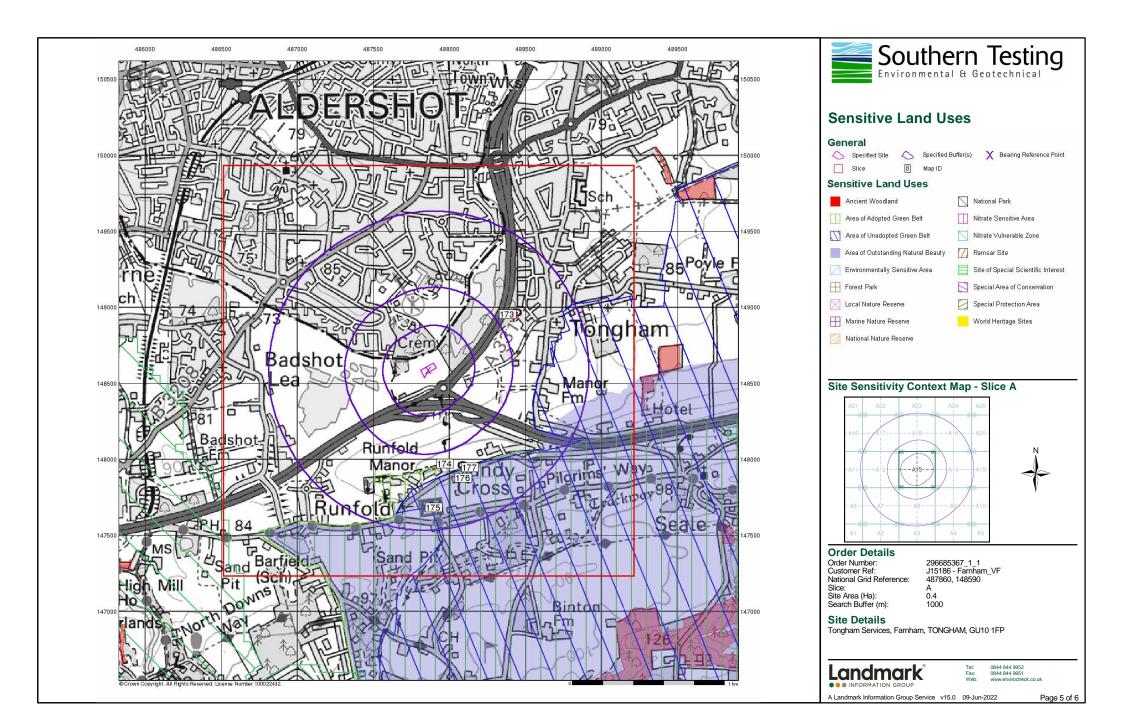
Page 5 of 5

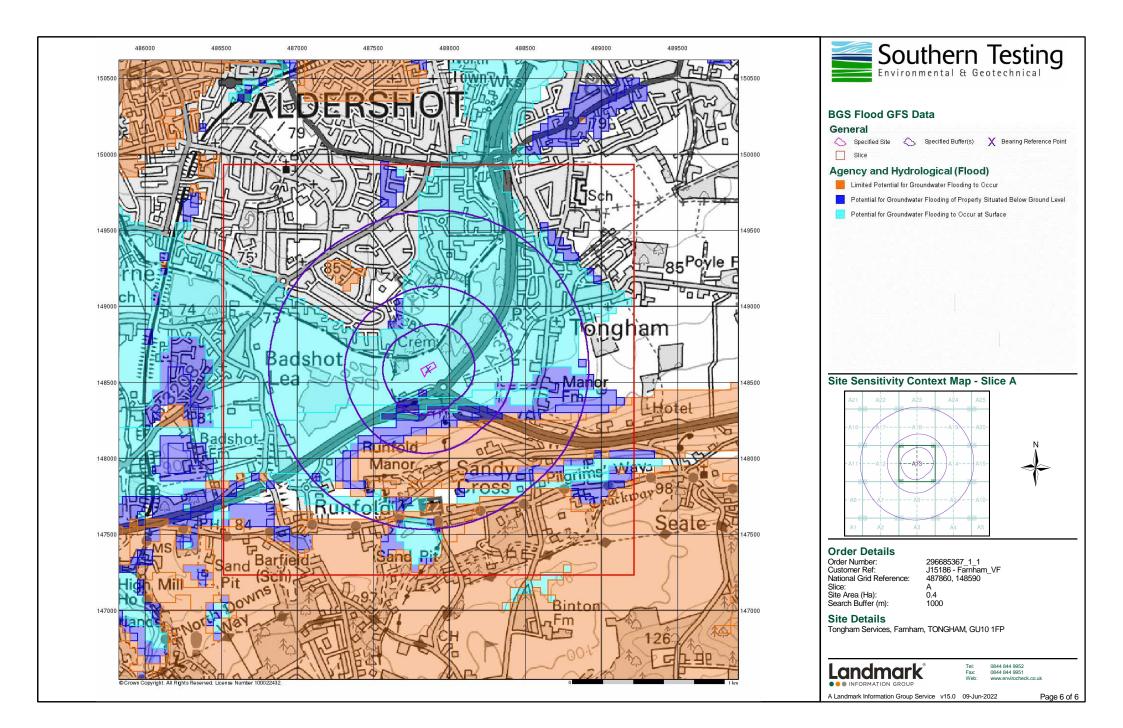


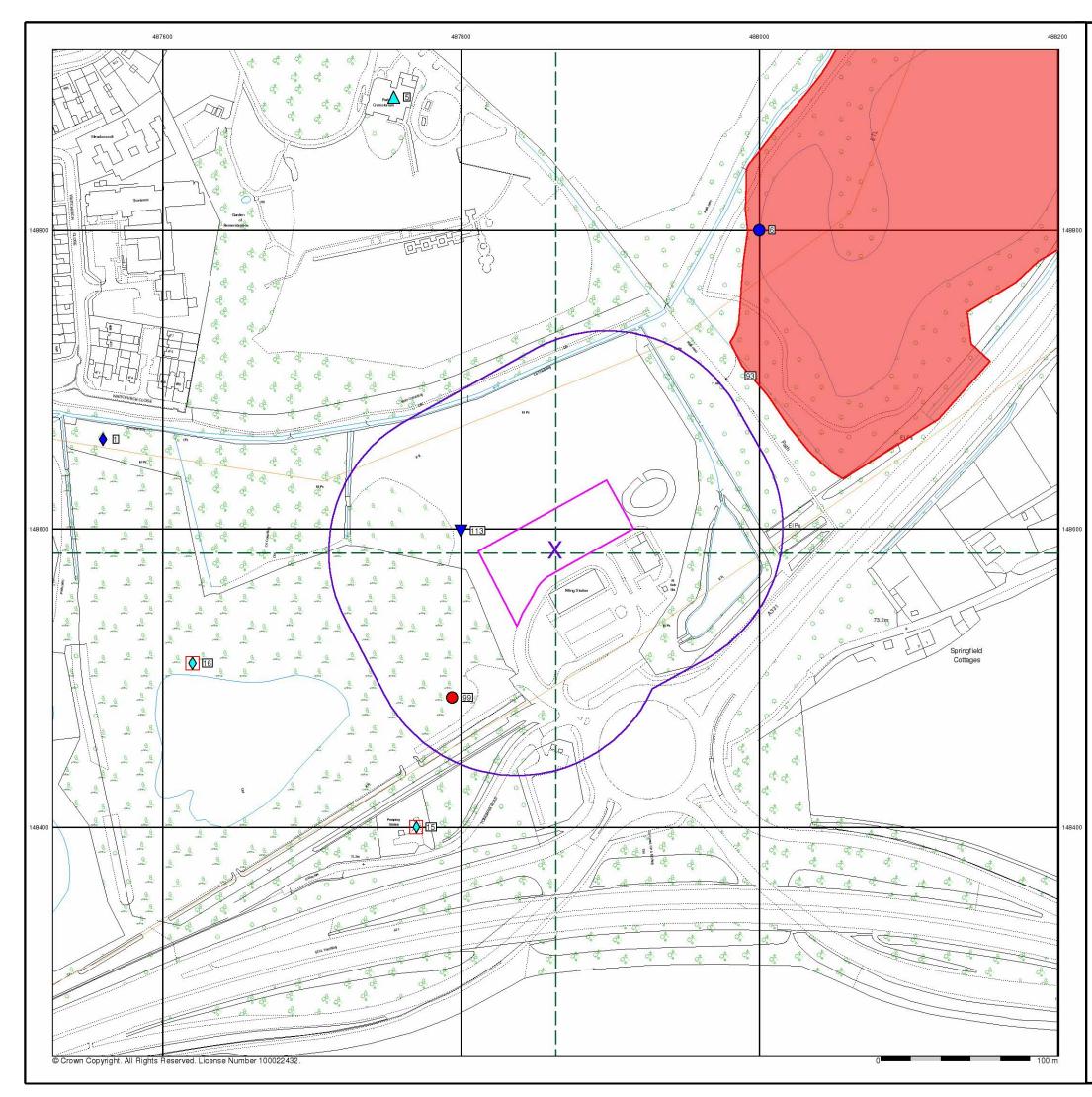












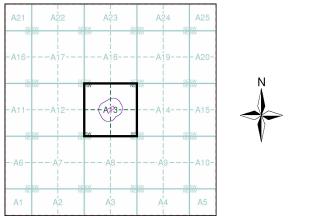


Southern Testing

General



Site Sensitivity Map - Segment A13



Order Details

Order Number:	296685367_1_1
Customer Ref:	J15186 - Farnham_VF
National Grid Reference:	487860, 148590
Slice:	A
Site Area (Ha):	0.4
Plot Buffer (m):	100

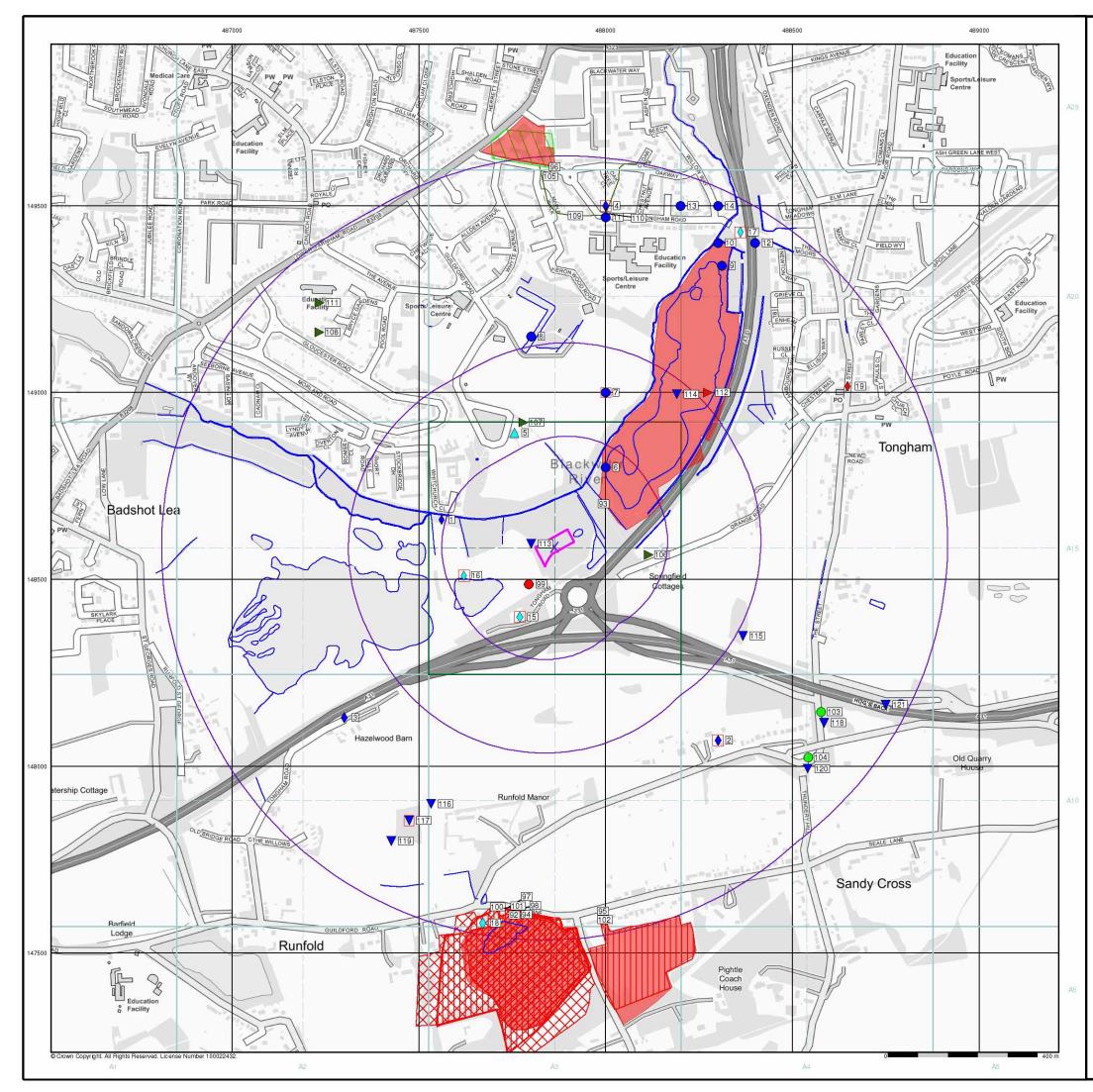
Site Details

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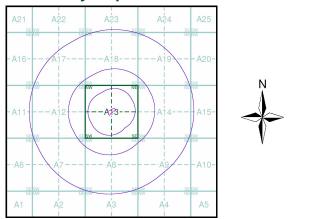




General



Site Sensitivity Map - Slice A



Order Details

Order Number:	296685367_1_1	
Customer Ref:	J15186 - Farnham_VF	
National Grid Reference: 487860, 148590		
Slice:	A	
Site Area (Ha):	0.4	
Search Buffer (m):	1000	

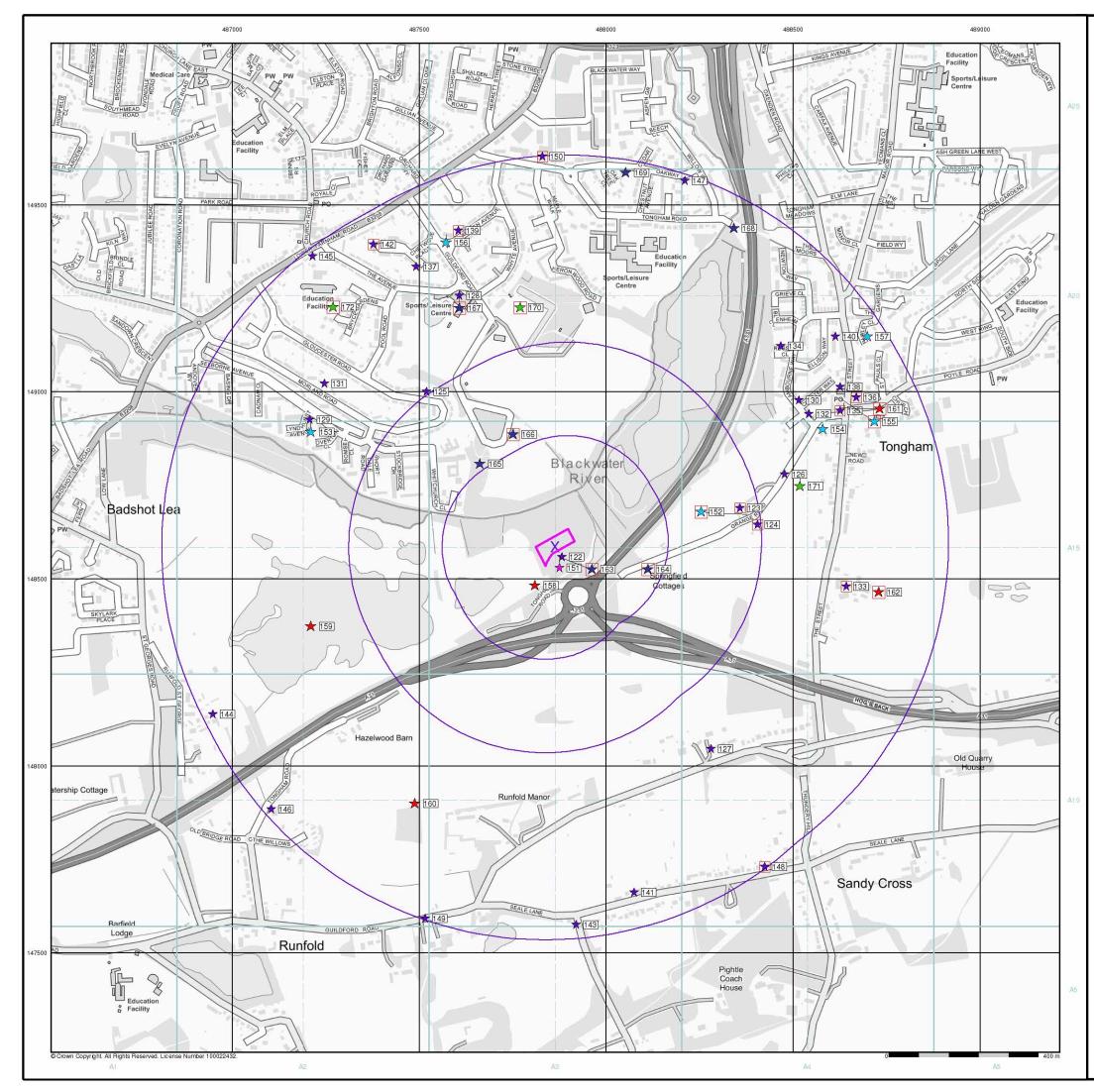
Site Details

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Industrial Land Use Map

General

Slice

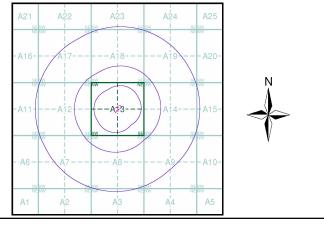
8 Map ID

🚫 Specified Site 🚫 Specified Buffer(s) 🗙 Bearing Reference Point

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: 296685367_1_1 Customer Ref: J15186 - Farnham_VF National Grid Reference: 487860, 148590 Slice: Α Site Area (Ha): Search Buffer (m): 0.4 1000

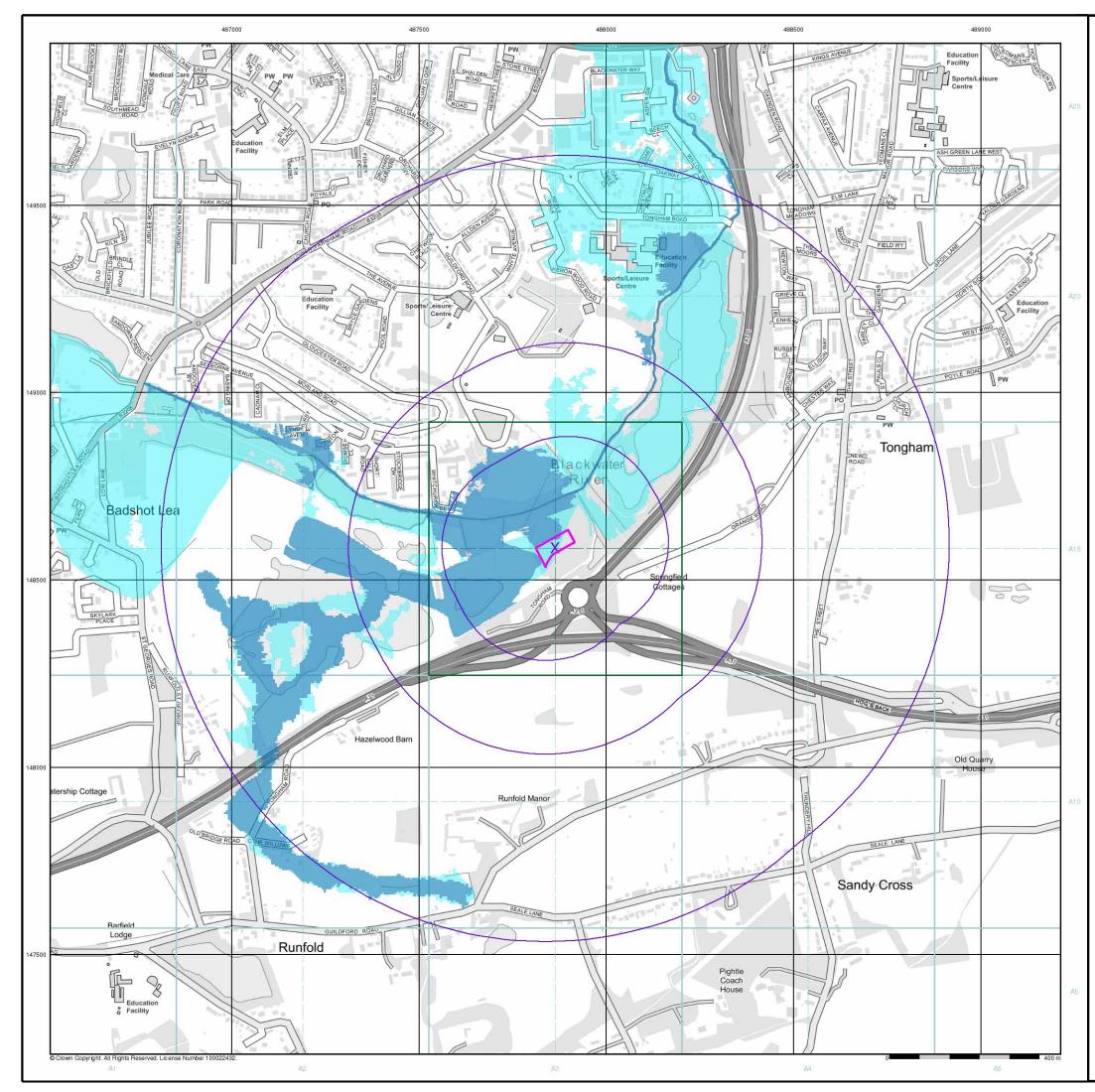
Site Details

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General

Specified Site

- C Specified Buffer(s)
- X 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)

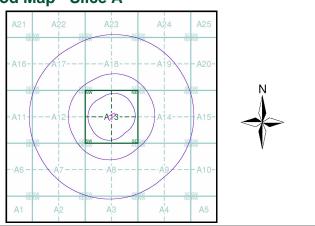
Area Benefiting from Flood Defence



Flood Water Storage Areas

--- Flood Defence

Flood Map - Slice A



Order Details

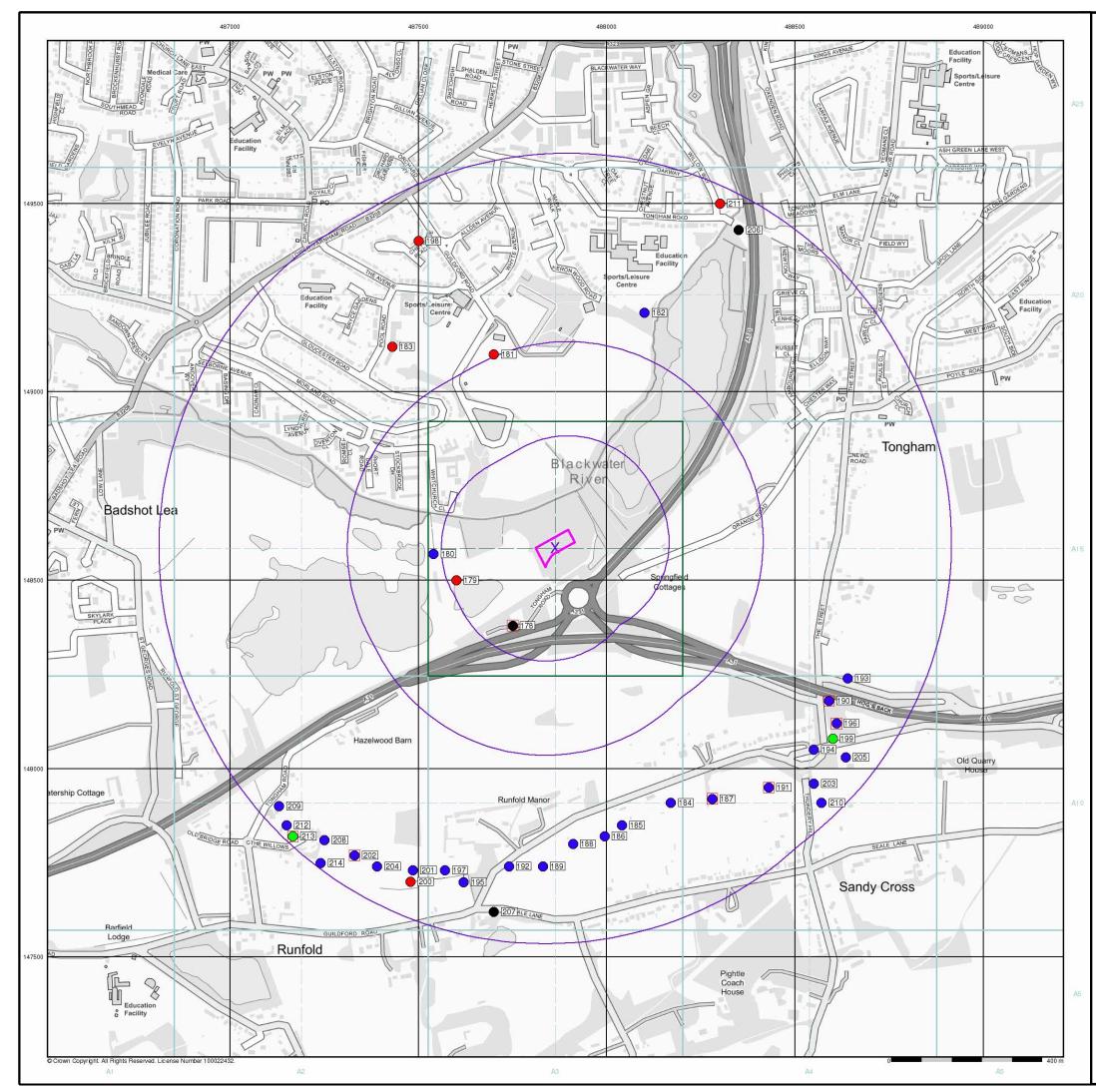
Order Number: 296685367_1_1 J15186 - Farnham_VF Customer Ref: National Grid Reference: 487860, 148590 Slice: А Site Area (Ha): Search Buffer (m): 0.4 1000

Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP



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General

🔼 Specified Site C Specified Buffer(s) X Bearing Reference Point 8 Map ID Several of Type at Location

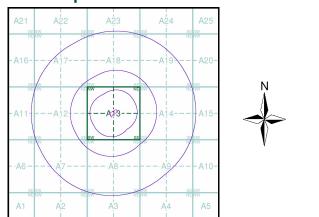
Agency and Hydrological (Boreholes)

- 😑 BGS Borehole Depth 0 10m
- 🔵 BGS Borehole Depth 10 30m
- 🔴 BGS Borehole Depth 30m +
- Confidential 🔿 Other

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

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

Borehole Map - Slice A



Order Details

296685367_1_1 J15186 - Farnham_VF Order Number: Customer Ref: National Grid Reference: 487860, 148590 Slice: А Site Area (Ha): Search Buffer (m): 0.4 1000

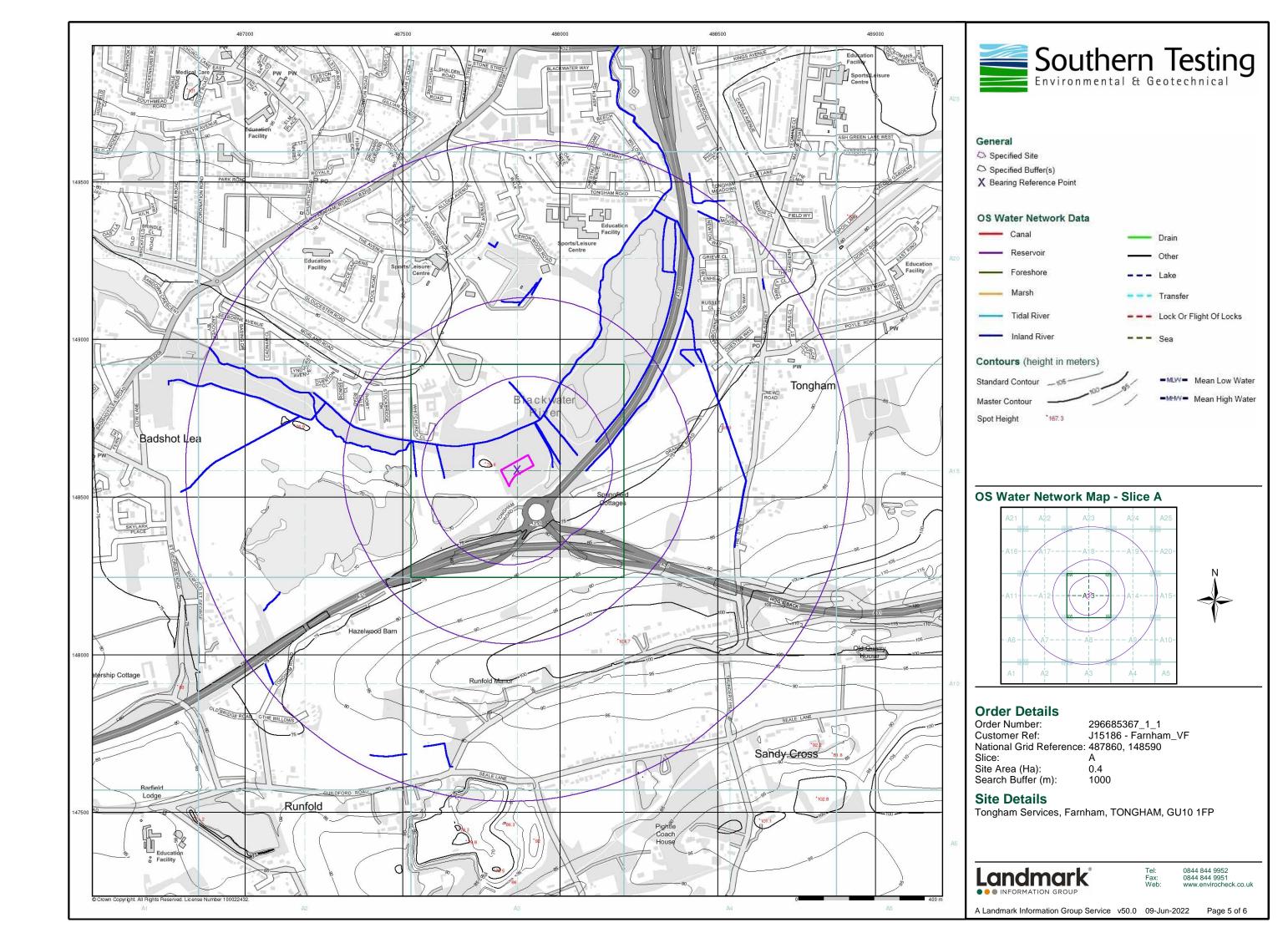
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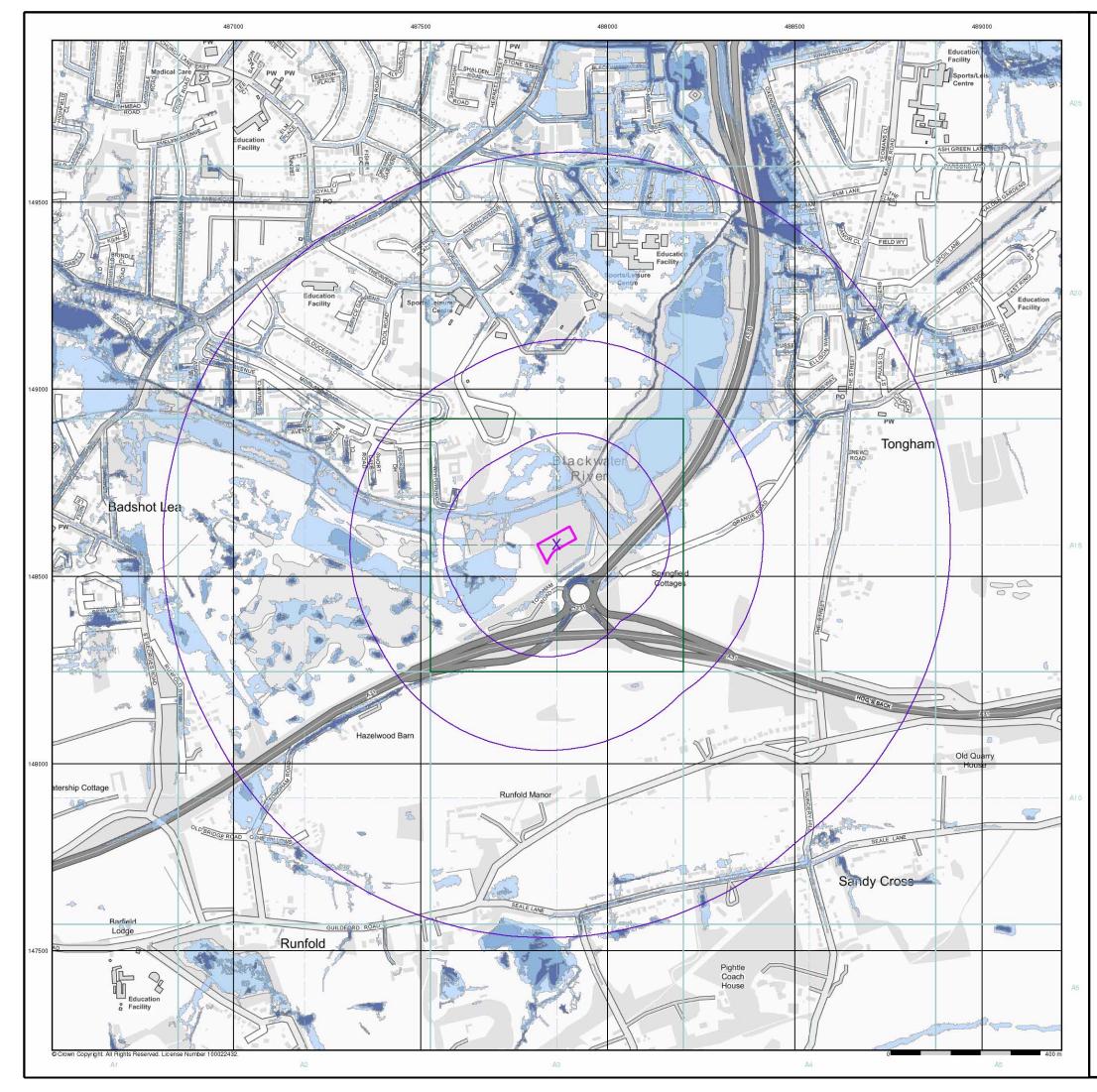
Tongham Services, Farnham, TONGHAM, GU10 1FP



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General

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

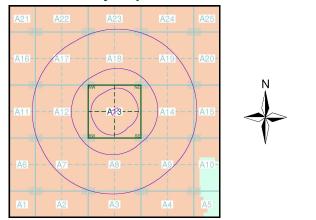
Risk of Flooding from Surface Water

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: Customer Ref:	296685367_1_1 J15186 - Farnham VF
National Grid Reference:	487860, 148590
Slice:	A
Site Area (Ha):	0.4
Search Buffer (m):	1000

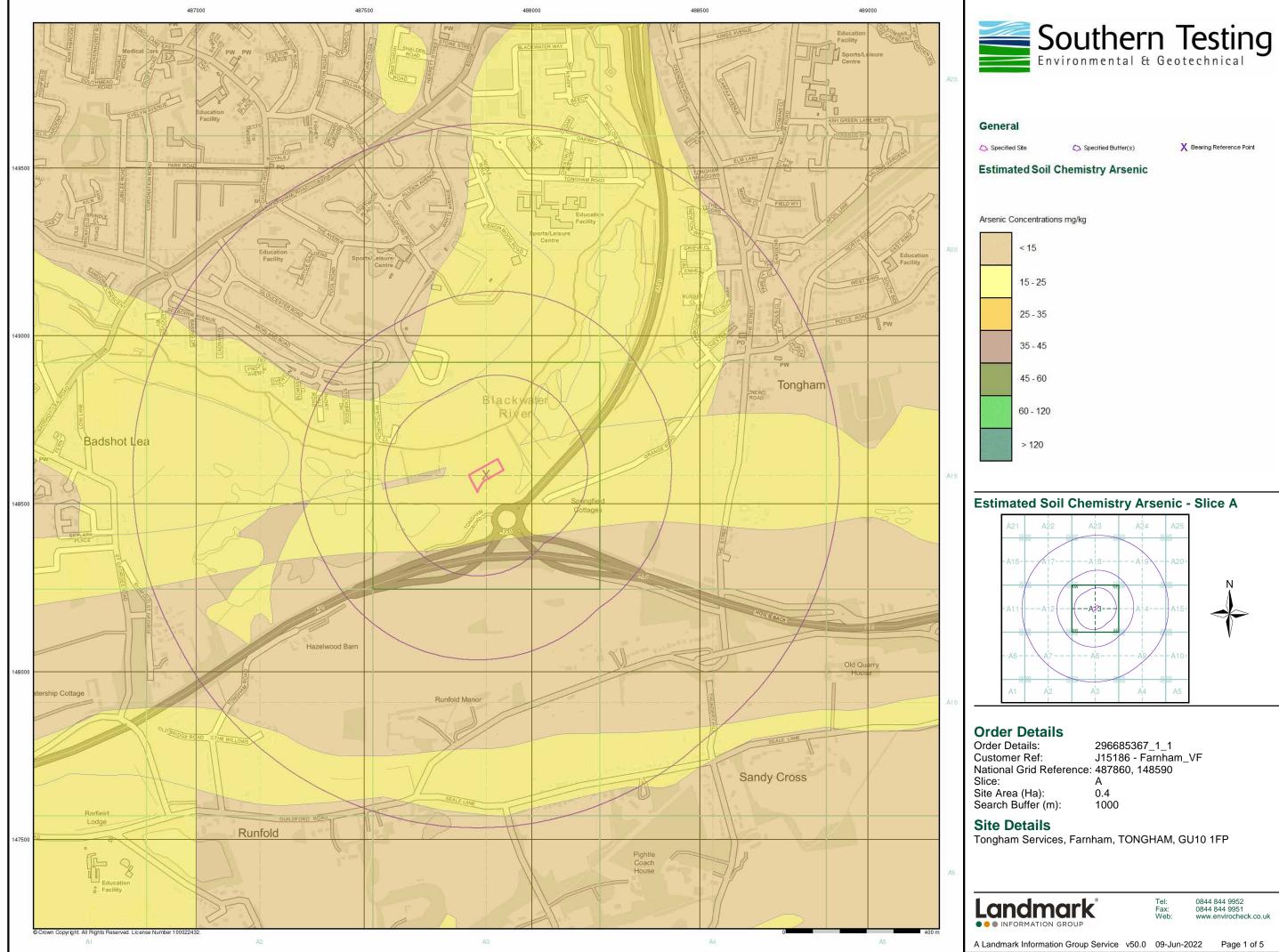
Site Details

Tongham Services, Farnham, TONGHAM, GU10 1FP

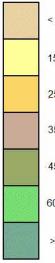




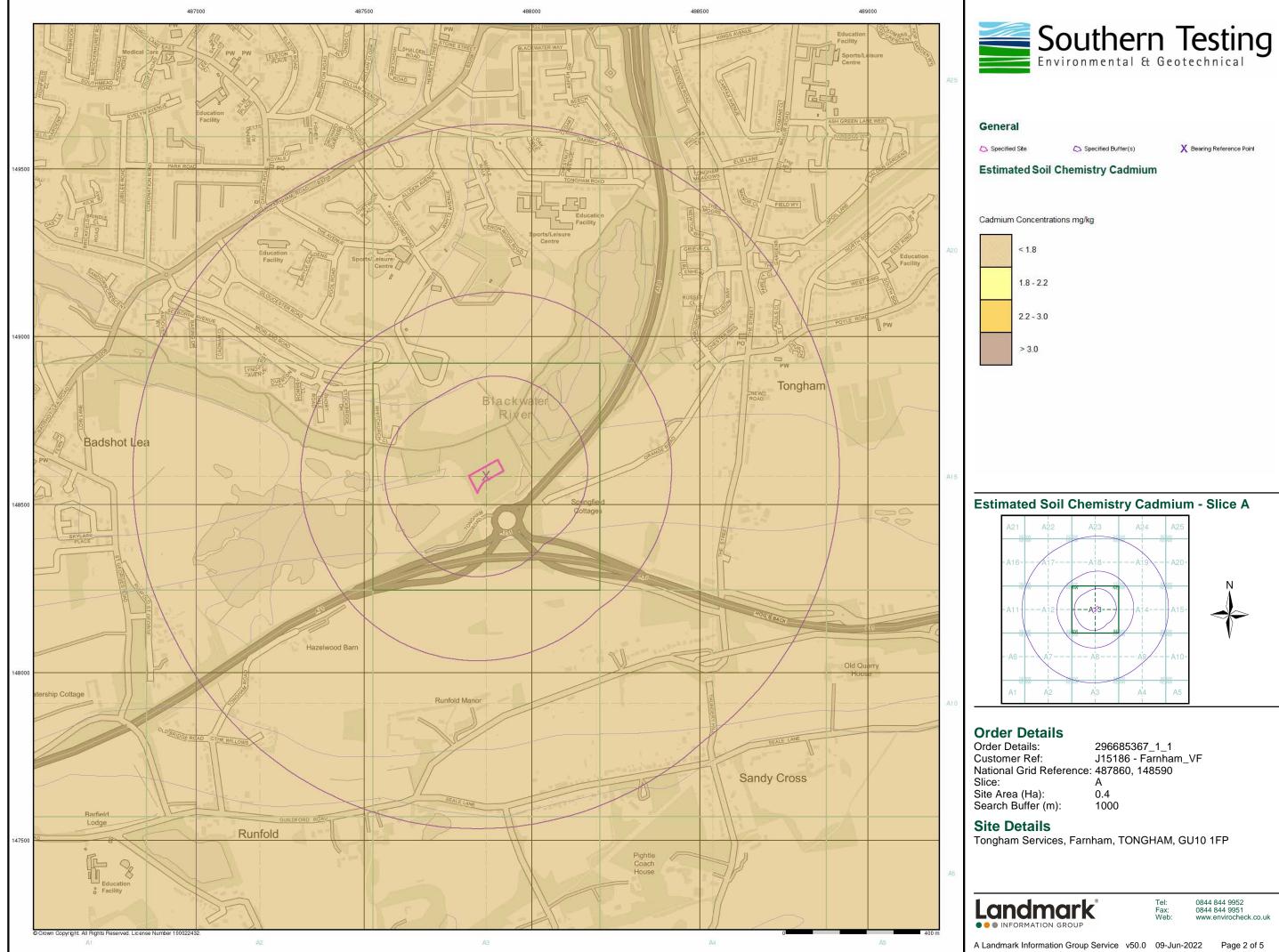
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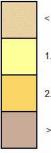


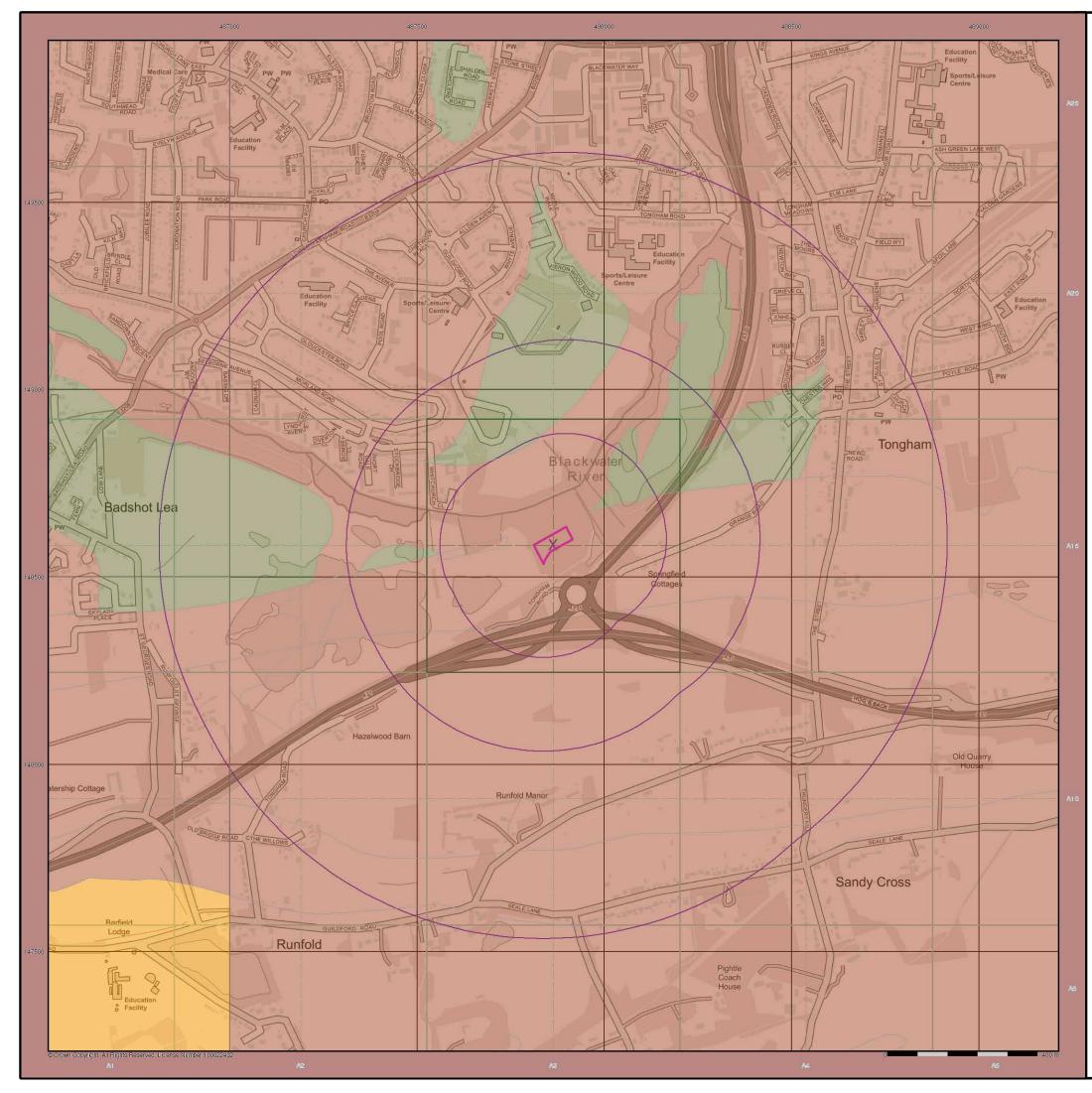














General

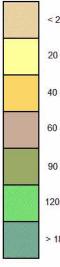
Specified Site

C Specified Buffer(s)

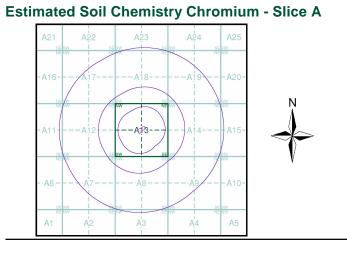
X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg







Order Details

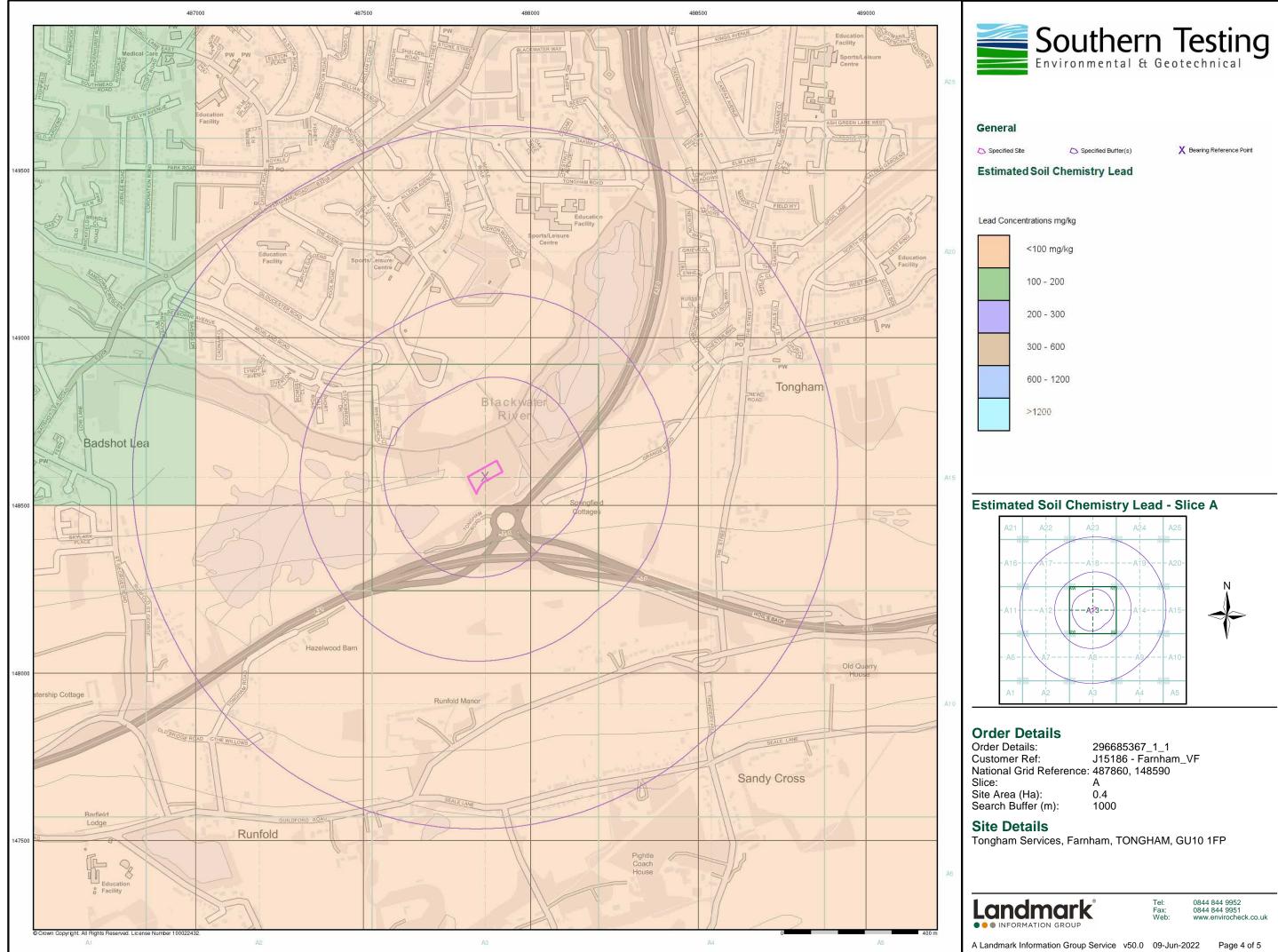
Order Details: 296685367_1_1 Customer Ref: J15186 - Farnham_VF National Grid Reference: 487860, 148590 Slice: А Site Area (Ha): Search Buffer (m): 0.4 1000

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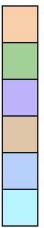
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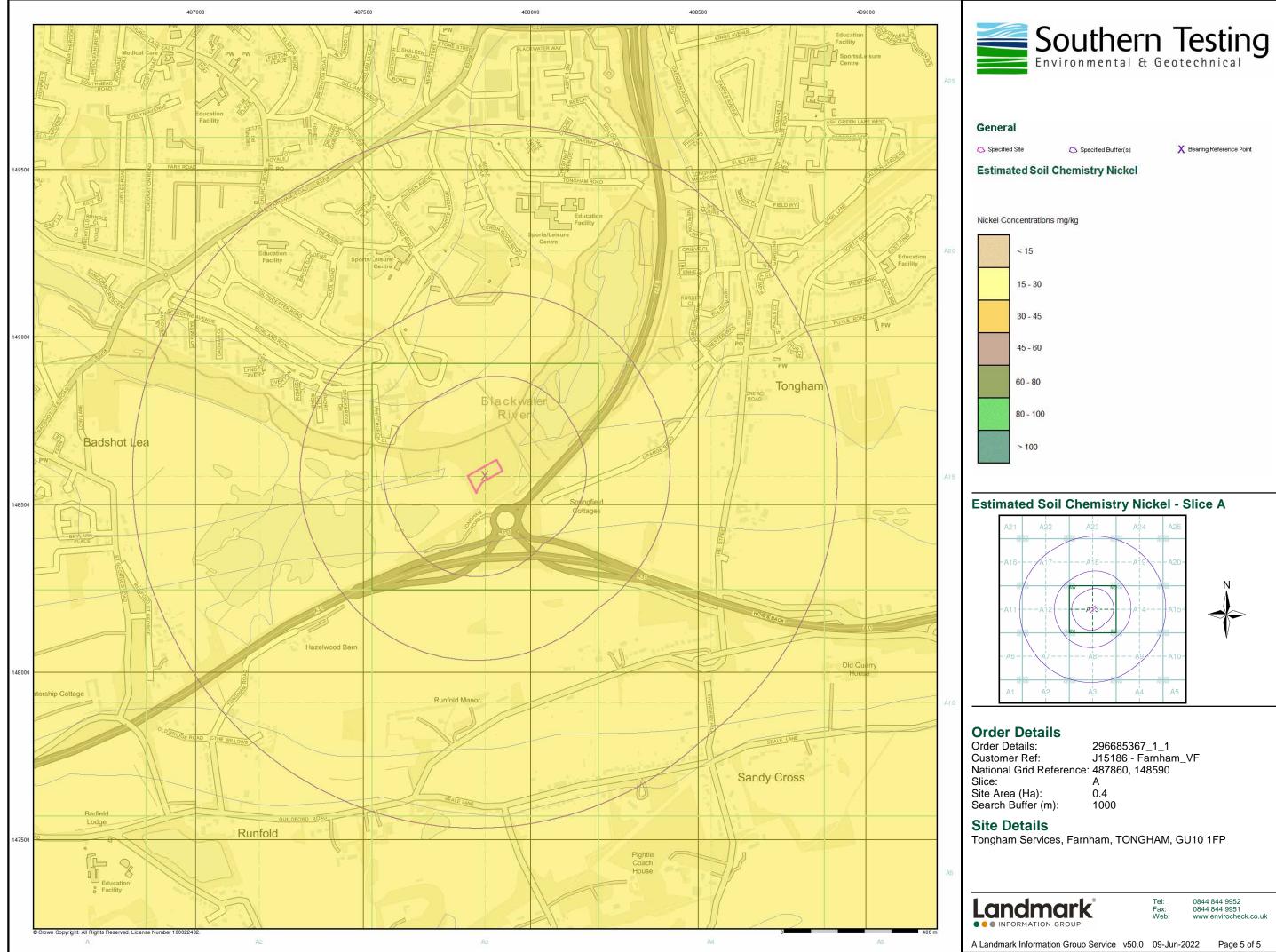


0844 844 9952 0844 844 9951 www.envirocheck.co.uk

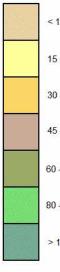




















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Hannington







F\$ 29280 EM\$ 506775