

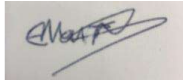
# **TFL\_PSF\_9131 SITE INVESTIGATIONS: SMALL SITES INITIATIVE LAND AT LEYTON ROAD, LEYTON E11 1LP**

## **Geotechnical and Geo-Environmental Desk Study**

FEBRUARY 2019

# Land at Leyton Road, Leyton E11 1LP

## Geotechnical and Geo-Environmental Desk Study



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Report No 10024781-ARC-13-XX-RP-YY-0001-01-Geo Report

Date FEBRUARY 2019

## VERSION CONTROL

01	25/02/2019	Edward Morris
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# 1 INTRODUCTION

## 1.1 Terms of Reference

Arcadis Consulting (UK) Limited (Arcadis) has been commissioned by Transport for London (TfL) 'the Client' to undertake a number of technical surveys for a site referred to as Leyton Road ('the Site').

TfL is aiming to divest a number of small sites to enable positive regeneration. The objective of this review is to identify potential development constraints due to geotechnical and geo-environmental conditions on site based on the findings of this desk study.

The objectives of this review are to:

- Review geo-environmental information regarding the Site and its surrounding area; and
- Provide outline information on potential geo-environmental and geotechnical constraints which may impact on the land value or redevelopment potential for the site.

The Site location is shown on Figure 1 below.



Figure 1: Site Location Plan provided by TfL

## 1.2 Sources of Information

As part of this desk study report various sources of information have been used and are detailed below:

- The online British Geological Survey (BGS) Geology of Britain Map Viewer (Ref. 1);
- Historical borehole records available through BGS website (above) (Ref. 1);
- Historical Ordnance Survey maps obtained from Landmark Envirocheck (included in Appendix A);
- Environmental Information from Landmark Envirocheck Datasheet (Appendix B);
- Current publicly available aerial images and maps from Google maps® (Ref. 2);
- Zetica Regional Unexploded Ordnance Map (Appendix C);
- Unexploded Ordnance data obtained from Bomb Sight National Archives website (Ref. 3); and

## 1.3 Limitations and Expectations

This report has been prepared for the Client in accordance with the terms and conditions of the Appointment. Arcadis cannot accept any responsibility for any use of or reliance on the contents of this report by any third party. The copyright of this document, including the electronic format shall remain the property of Arcadis.

This report has been compiled from a number of sources, which Arcadis believes to be trustworthy. However, Arcadis is unable to guarantee the accuracy of information provided by others. The report is based on information available at the time. Consequently, there is a potential for further information to become available, which may change this report's conclusion and for which Arcadis cannot be responsible.

## 2 SITE SETTING AND HISTORY

### 2.1 Site Location

Table 2.1: Details relating to Site Location

Site Location / Address	Leyton Road, Leyton, E11 1NQ
National Grid Reference	539524,187878
Approximate Site Area	0.17 hectares
Description of Site	<p>The Site is situated in Leytonstone, in the Borough of Waltham in East London and comprises a roughly rectangular vacant parcel of land.</p> <p>Residential properties along Ashbridge Road form the northern site boundary with the A12 to the south, Teesdale Road to the east and Poppleton Road to the west.</p> <p>A site walkover survey was undertaken in March 2019 which indicated that the site is covered with dense scrub and scattered mature trees. Four areas of fly tipped rubbish were identified in the south western, north western, western and central areas of the site comprising plastic, bricks, garden furniture, wooden pallets and bags of domestic rubbish. Adjacent to the eastern corner of the site there are electrical services cabinets. The site is accessible through a pedestrian gate at the eastern end. There is no obvious access point at the western end.</p>
Topography	<p>The topography of the Site is generally flat at approximately 28m Above Ordnance Datum (AOD), with the north-east corner of the Site at slightly higher elevation (approximately 29 m AOD).</p> <p>The surrounding area has a general slope down from the north east to the south west.</p>
Surrounding Area	<p>The Site lies within a predominantly residential area. A train line is present in an approximate north-east to south-west alignment roughly 75m south of the site, with a shopping complex around 130m south. Epping Forest parkland is located approximately 200m to the north-east and includes ponds and surface drainage channels.</p>

### 2.2 Site History

A review of the available historical Ordnance Survey maps (Appendix A) has been undertaken to assess the historical development of the Site and surrounding areas.

It is not the intention of this report to provide a full history but to identify those past uses on and within the vicinity of the Site that could have resulted in contamination of the soils and/or waters. Significant changes to the land use of the Site and surrounding areas are summarised in Table 2.2 below.

Table 2.2 History of Site and Surrounding Area

Date	Historical Development (Site and Surrounding Area)
1875-1885	<p>On site: The Site is undeveloped land, with a footpath running north-west to south-east. Mature trees are recorded on site.</p> <p>Off site: The surrounding area predominantly comprises undeveloped land with scattered residential housing. A gravel pit is recorded approximately 150m south of the Site. There is a small pond adjacent to the south western corner of the Site. A railway track is situated approximately 75m south of the Site which goes into a tunnel approximately 90m east. A "tank" is marked adjacent to the north east side of the Site.</p>

Date	Historical Development (Site and Surrounding Area)
1896	On site: No significant changes are noted on site. Off site: Increased residential development within 150m north, south and west. The tank to the north east of the Site is no longer present. The pond adjacent to the south west is no longer present. The gravel pit to the south is no longer present.
1919	On site: The Site is now part of a 'Tennis Ground'. The south west corner of the Site is occupied by a residential property. Off site: Further development of residential property to the north and west. A tramway is present approximately 150m east of the Site and runs in a roughly north west to south east direction.
1939	On site: No significant changes are noted on site. Off site: An area of raised ground/ earthworks are present approximately 40m south-west of the Site. The tram line to the north east has now been dismantled and labelled as Whipp's Cross Road. Leytonstone Hospital approximately 100m south east.
1953	On site: The Site is no longer a tennis court and has been converted into allotments. Off site: Electricity substations approximately 120m south and 140m east.
1963 - 1977	On site: No significant changes are noted on site. Off site: Leyton Way Road has been built adjacent to the southern site boundary.
1981 - 1991	No significant changes are noted on site or off site.
1999	On site: The allotment and residential house in the south western corner is no longer present. The site appears to be overgrown and disused. Off Site: Leyton Way Bypass (dual carriageway) constructed adjacent to the south (former Leyton Way two-lane road). Partial demolition of Leytonstone Hospital to the south.
2006 - 2019	On site: No significant changes are noted onsite. Off site: Superstore approximately 120m south (former Leytonstone Hospital).

### 2.2.1 Summary of Site History

The Site previously comprised undeveloped land, before becoming tennis courts from circa 1919 – 1939 and later becoming allotments from circa 1953 until circa 1999. A residential house was present in the south western corner of the site from circa 1919 until circa 1999 when it was demolished (possibly as part of the construction of the bypass adjacent to the south). Due to the previous development and demolition at the Site as tennis courts and residential housing (south-west corner only) there is potential for Made Ground to be present.

Several off-site potential sources of contamination have been identified in the surrounding area, such as the railway line to the south and electricity substations to the south and east, however the majority are considered to be down gradient and are therefore not considered likely to have significantly impacted the site.

A small pond was present adjacent to the south western corner of the site and a gravel pit was present approximately 150m south which appear to have been infilled by circa 1896. Due to the length of time since infilling occurred the potential for a residual impact from ground gas is considered to be unlikely.

A tank of unknown usage was identified adjacent to the north east (up gradient) from circa 1875 but is not shown to be present from circa 1896. Given the length of time since being present a residual impact is

considered to be unlikely. The tramline approximately 150m east is likely to have been electric and therefore significant contamination is not considered likely to be present.

## **2.3 Unexploded Ordnance**

The Zetica Unexploded Bomb Risk on-line Map for the Site (Appendix C), shows the Site as lying within an area denoted as “moderate” bomb risk. Further reference was made to the Bomb Sight National Archives (Ref. 3) which indicates that 10 High Explosive Bombs were dropped within a 250m radius of the site, the closest of which was approximately 140m north east.

In order to further assess the potential UXO risk of the Site, a pre-desk study assessment (PDSA) was obtained from Zetica (Appendix C) which indicates that during WWII the Site was located in the Municipal Borough of Leyton, which officially recorded 419 High Explosive (HE) bombs with a regional bombing density of 176.9 bombs per 405 hectares and several High Explosive bombs fell in close proximity to the Site.

The PDSA recommends that a detailed desk study is commissioned for the Site to further assess, and potentially zone, the UXO hazard level on the Site.

### 3 PHYSICAL AND ENVIRONMENTAL SETTING

#### 3.1 Published Geology, Hydrogeology and Hydrology

With reference to the sources of information detailed in section 1.2, the following information has been obtained.

Table 3.1 Information Regarding Geology, Hydrogeology and Hydrology

Geology / Aquifer Status	<p>Superficial Deposits: Boyton Hill Gravel Member (Sand and Gravel) - Secondary A Aquifer underlying the majority of the site, apart from the far western corner of the Site beneath which no superficial deposits were recorded.</p> <p>Solid Geology: London Clay Formation which is classified as an Unproductive Strata.</p>
BGS Boreholes (within 100m of the Site)	<p>Five historic boreholes dating from 1977 to 1992 (TQ38NE255, TQ38NE263, TQ38NE254, TQ38NE253, TQ38NE373) were identified within 100m of the Site boundary (Ref. 1).</p> <p>The general stratigraphy comprised of Topsoil overlying Made Ground to a maximum depth of 1.5 m below ground level (bgl). The Made Ground comprised brick, concrete and metal fragments, followed by dense brown sandy Gravel of the Boyn Hill Gravel which ranged from 0.9 m bgl to 5.8 m bgl. This was followed by stiff brown fissured clay of the London Clay group, which was encountered from 3.26 m bgl. The London Clay was recorded to a maximum depth of 33.24 m bgl where it was recorded being underlain by layers of strong fine-grained Siltstone, stiff silty clays, sand and gravels.</p> <p>Groundwater strike was recorded at 27 m bgl in one of the boreholes.</p>
Within a Source Protection Zone (SPZ)	<p>The Site is located adjacent to the west of a Zone III (Total Catchment) Source Protection zone (described as the total area needed to support the discharge from the protected groundwater source).</p>
Licensed Groundwater Abstraction Points	<p>None recorded within 500m of the Site.</p>
Surface Water Feature	<p>The nearest surface water feature is a surface water drain/ channel 271m north east of the Site within Epping Forest Park.</p>
Likely Groundwater Flow Direction	<p>The Boyton Hill Gavel (superficial deposits) are a Secondary A Aquifer and likely to contain groundwater. Significant groundwater flow within the London Clay (bedrock) is not expected to be present. Perched pockets of groundwater may also be present within the Made Ground (if present).</p> <p>Based on the local topography and the location of the River Lea, the direction of groundwater within the Boyton Hill Gravels is expected to flow towards the south west.</p>

#### 3.2 Environmental Public Registers

Public register information from the Envirocheck Report (Appendix B) for the Site and the surrounding area (within 250m radius) has been summarised in Table 3.2 below.

It is not the purpose of this section to provide a comprehensive account of the environmental data but only to detail those factors that could impact the Site.



Table 3.2. Environmental Data

Data type	Description	Distance (m) and Direction
Radon	The Site is in low-risk radon affected area, with less than 1% of properties above the Action Level.	N/A
Discharge Consents	None recorded within a 250m radius of the Site	N/A
Pollution Incidents to controlled waters	No incidents are recorded within 250m of the Site.	N/A
Landfill sites	One historic landfill, called "Land Adjacent to Central Line" is recorded dating 1968 with the last input date in 1970. The specified waste was "deposited waste including inert waste".	153 m north east
Potentially Infilled Land	Two potentially infilled former water features recorded within 250m of the Site: 10m south west and 201m north, infilled circa 1882 and 1996 respectively	10m south east and 201m north west.
Local Authority pollution prevention and controls	None recorded within 250m of the site.	N/A
Contemporary Trade Directory Entries	Print shops (inactive)	24m north and 25m north west
	Waste disposal services (inactive)	128m north west
	Manufacturers – soft furnishings (active)	136m west
	Printers (inactive)	150m north west
	Garage Services (inactive)	168m north east
	Builders merchants (inactive)	193m south west
	Domestic Appliance Services (active)	207m south west
	Commercial Cleaning Service (active)	203m north west
	Commercial Cleaning Service (inactive)	220m south
	Freight Forwarders (active)	225m south and 236m south

There is a historic landfill site up gradient of the site which is a potential source of ground gas and contamination that could have migrated beneath the site.

Based on the anticipated groundwater flow being generally towards the south west, the majority of the features listed above are not likely to be directly up gradient of the Site and are therefore not considered likely to have impacted the site.

The garage to the north east is up gradient from the site, however, on closer inspection this appears to relate to a residential address rather than a commercial premises and is therefore not considered to be significant.

The potentially infilled land 10m south west appears to relate to small pond which was infilled circa 1882. There is considered limited potential for this to be a significant source of ground gas due to its small size and the length of time since it was infilled (circa 1882). The potentially infilled feature identified 201m north is likely to relate to a surface drainage channel within Epping Forest park and is considered unlikely to be a significant source of ground gas.

## 4 PRELIMINARY CONCEPTUAL MODEL

Geo-environmental assessments are required in accordance with current regulatory guidance (CIRIA C552 - Ref. 4 and CLR11 – Ref. 5) to consider the significance of potential contamination in terms of plausible contaminant source-pathway-receptor contaminants linkages. As part of this process, it is necessary to develop a conceptual model of these potential contaminant linkages by identifying the potential contamination sources, sensitive receptors and any potential exposure pathways. A risk assessment is then undertaken to determine the likelihood and significance of these potentially complete contaminant linkages.

### 4.1 Potential Contaminant Sources

Based on the information obtained from the historical and environmental research, the following potential sources of contamination have been identified both on site and off site (Table 4.1).

It should be noted that it is considered unlikely that all these substances would be present at significant concentrations within the site.

Table 4.1: Potential sources of contamination on site

Source	Potential Contaminants
<b>On-Site</b>	
Made Ground is likely to be present on site from previous phases of demolition and development (tennis courts and residential house in the south-west corner of the Site).	Asbestos, metals, petroleum hydrocarbons, Polycyclic Aromatic Hydrocarbons (PAHs), ground gas.
Fly tipped rubbish	Asbestos, hydrocarbons, metals
On-site geology (London Clay)	Sulphates
<b>Off-Site</b>	
Historic Landfill site 153m north east	Ground gas, landfill leachate (metals, PAH, Hydrocarbons, acidic pH)

### 4.2 Potential Receptors

The proposed form of the development is currently unknown. As a precautionary approach, the potential receptors detailed below take into consideration the proposed future land use as residential properties with private gardens and landscaped areas. It is considered possible that any potential contamination within the soils may be disturbed during the construction phase, or during gardening or landscaping undertaken by any future site users.

#### 4.2.1 Human Health

- Future site users (residents, visitors, maintenance workers and contractors).

Contamination risks to construction workers are not appraised by chronic (long term) exposure human health risk assessments. There are no appropriate published criteria applicable to assessment of potential risks to construction workers. The potential risks should be addressed by a site-specific construction workers risk assessment and implementation of appropriate health and safety measures, to adequately mitigate any potential risks. All works should be conducted in accordance with the CDM regulations 2015 (Ref. 6) or any other relevant guidance. Construction workers are not considered further site users.

## 4.2.2 Controlled Waters

- Secondary A Aquifer within the superficial deposits.

## 4.2.3 Buildings

- Underground/ structures/services (water pipes, concrete, foundations) including the electrical services cabinets identified adjacent to the eastern corner of the site.
- Proposed buildings

## 4.3 Potential Pathways

Potential pathways are the routes that link the receptor to the contamination. The potential pathways for this site are summarised in the table below.

Table 4.2: Potential Contaminative Pathways

Receptor	Pathway
Human health (future site users/ residents, visitors, maintenance workers and contractors)	Accidental ingestion of contaminants within soil, water and dust. Inhalation of dust, vapours and ground gases. Dermal contact with contaminants within soil, water and dust. Ingestion of contaminated vegetables and soil attached to vegetables.
Controlled Waters (secondary A Aquifer)	Leaching of potential contaminants in soil or Made Ground into groundwater. Vertical migration of contaminants through the unsaturated zone into groundwater beneath the Site.
Buildings	Direct contact of building services or foundations with contaminants in the soil and Made Ground. Gas and/or vapour accumulation in confined and poorly ventilated spaces. Direct contact with aggressive ground conditions.

## 4.4 Preliminary Qualitative Risk Assessment

Primary sources of on-site contamination are considered to be associated with Made Ground which is likely to be present from the historical development and demolition of the tennis courts and residential housing (south west corner of the Site only). If significant depths of Made Ground are present, and this contains putrescible matter, ground gas/vapours could be generated which could accumulate in confined spaces/buildings and pose risk to future site users.

Contaminants within the Made Ground could be a potential source of contamination, and it is possible contaminants could migrate vertically through the unsaturated zone into the groundwater. The risk is especially prevalent if intrusive construction methods or piling create a preferential pathway for contaminants in the Made Ground to enter the underlying Secondary A Aquifer.

Fly-tipped materials including domestic waste were identified on site. Hazardous wastes such as asbestos could also have been fly-tipped on the Site, although none were noted during the site walkover survey.

Without mitigation, future site users may be at risk from contaminants within the Made Ground / underlying soils if exposure occurs in gardens or soft landscaped areas, especially if soils are disturbed by activities such as digging/gardening.

The London Clay bedrock is a potential source of naturally occurring sulphates which could impact below ground concrete via chemical attack. However, placement of the foundations within the overlying superficial deposits (if proven to be geotechnically suitable) would negate this risk.

A historical landfill site has been identified 153m north east of the site (up gradient), therefore there is the potential for ground gas and contaminants (landfill leachate) to have migrated beneath the site where they could pose a risk to future site users (ground gas and potentially contaminated groundwater) and below ground structures.

## **5 Waste Management and Potential Development Constraints**

### **5.1 Waste Management**

Consideration should be given to the disposal of waste soils/Made Ground which are likely to be generated by the development. Chemical testing of soils/Made Ground is likely to be required to inform a waste classification assessment and determine the potential disposal options. It should be noted that the waste contractor may require testing of the actual material to be disposal prior to acceptance, and there is no obligation on a landfill operator to accept the waste.

Soils suspected of being contaminated should be segregated from soils which appear to be 'clean' and should not be used elsewhere on the Site as fill or landscaping unless they can be proven to be fit for purpose.

Imported topsoil for gardens and landscaped areas should be clean, fit for purpose and validated as necessary.

### **5.2 Potential Development Constraints**

Services may be present beneath the site from the adjacent electrical services cabinets adjacent to the eastern corner and/ or from the surrounding land use such as the A12 road adjacent to the south.

The site is very overgrown and mature trees are present which may need to be removed.

Fly tipped waste was noted on the site which may contain hazardous materials.

A ground investigation is recommended to determine the potential contamination present on the Site. However, the potential for the need to undertake remediation works is considered low given the Site has not previously been used for industrial or commercial use.

The following potential environmental conditions have been identified and will warrant further consideration and/or implementation:

- Removal of former foundations and concrete obstructions (if present);
- Excavation and replacement of the upper part of Made Ground as necessary to support foundation solution;
- Asbestos protection measures during disturbance of Made Ground (depending on the findings of the ground investigation);
- Groundwater control measures and potential for off-site disposal of extracted groundwater (depending on the findings of the ground investigation);
- Provision of gas protection measures (depending on the findings of the ground investigation);
- Provision of contaminant resistant water supply pipes (depending on the findings of the ground investigation);
- Provision of clean cover system in garden areas and public open space;
- Potentially further investigation and consultancy advice to support planning obligations.

## 6 Geotechnical Considerations

Made Ground is likely to be present on site due to previous development and demolition. Based on the nearest historical borehole logs, ground conditions at the Site are anticipated to comprise superficial deposits of the Boyn Hill Gravel Member (Sands and Gravels) to an approximate depth of 3.5m to 6m bgl, overlying the London Clay Formation. It is possible that no superficial deposits are present in the more western part of the Site, as indicated by the BGS online maps.

Potential founding solutions will be dependent on the encountered thickness of Made Ground and the geotechnical properties of the natural deposits. Made Ground is generally considered unsuitable for foundations due to its variable composition and its potential for high total and differential settlement. The Boyn Hill Gravel may be a suitable foundation stratum, subject to its proven thickness and properties. Below ground structures and services may be present and will require removal prior to redevelopment. Ground disturbance caused by the removal of historical structures may alter the thickness of Made Ground already present beneath the Site locally.

At this stage, suitability of conventional shallow foundations for the Site cannot be confirmed as this would depend on the thickness of the Made Ground and the underlying ground conditions. Deeper trench fill may be possible although the maximum practical extent of this type of foundation is in the region of 2-2.5m. In areas of deeper Made Ground, or where deeper soft/loose bands are recorded either piling or ground treatment e.g. vibro-stone columns should provide a suitable foundation solution. The advice of a specialist ground improvement contractor should be sought to verify the suitability of the ground for treatment.

Consideration will need to be given to the presence of existing trees that are removed, retained or the planting of future trees when considering the depths of the foundations. In addition, the risks associated with the London Clay include high plasticity clay which are subject to shrinkage, swelling and sulphate attack, and therefore this should be considered during the investigation/design.

## 7 Conclusion and Recommendations

The Site is currently an undeveloped plot of land situated between the parallel roads of the A12 to the south and Ashbridge Road to the north. The site is overgrown and fly tipped rubbish was noted in several locations. Made Ground is anticipated to be present from previous development and demolition of a tennis courts and residential housing in the south western corner.

Potential off-site sources of contamination relate to a historical landfill site which is a potential source of ground gas and contamination.

Potential receptors are considered to be future Site users (future residents and maintenance workers and contractors-post redevelopment), groundwater (Secondary Aquifer A within the superficial deposits), and the proposed / future redevelopment buildings (with associated underground structures/services).

Potential geo-environmental constraints have been identified that may impact on the future development. Whilst (low levels of) contamination may be present within the underlying soils, mitigation of risks to Site end users may be delivered by the appropriate design of the development itself (i.e. the use of hardstanding to limit the pathway for human exposure) rather than large scale removal of materials.

### 7.1 Design Considerations

Potential risks to human health and the built environment have been identified through desk study. It is therefore recommended that an intrusive site investigation is undertaken prior to the full redevelopment in order to further assess those risks. This should include for chemical testing of soils, groundwater monitoring (if present) and gas monitoring in accordance with the recommendations captured in CIRIA C665 (Ref. 7) and CLR 11 (Ref. 5), and consideration of shrinkage / swelling of London Clay and sulphate attack to below ground concrete structures.

### 7.2 Construction Considerations

During construction, a watching brief should be undertaken to identify the presence of any unforeseen contamination. If contamination is encountered, all works should cease until the advice of a suitably qualified professional can be sought.

Construction/demolition workers should use appropriate PPE and follow the site-specific contractors risk assessment, which should include risks to human health from potential contamination.

Fly-tipped waste has been identified in several areas on site, and care should be taken over the potential presence of hazardous materials which should be removed appropriately.

Correct site management practices should be adopted during the construction phase, such as covering stockpiles to minimise surface runoff/dust creation.

There is a potential risk from UXO and it is recommended that a site-specific detailed desk study is undertaken prior to any intrusive investigations or earthworks. The recommendations from the detailed desk study may include UXO clearance by a specialist contractor during intrusive works.

Below ground services may be present beneath the Site. Utility clearance will need to be taken into consideration prior to any proposed intrusive works at the Site.



## 8 References

1. British Geological Survey (BGS) [online]. Available at: <https://mapapps.bgs.ac.uk/geologyofbritain/home>. Accessed January 2019.
2. Google maps [online]. Available at <https://www.google.co.uk/maps>. Accessed January 2019.
3. Bomb Sight National Archives [on-line]. Available at: <http://bombsight.org>. Accessed January 2019.
4. CIRIA C552 (2001) Contaminated land risk assessment. A guide to good practice.
5. DEFRA and the Environment Agency, 2004. Model Procedures for the Management of Land Contamination, Guidelines for Environmental Risk Assessment and Management, Contaminated Land Report 11 (CLR11).
6. The Construction (Design and Management) Regulations 2015.
7. CIRIA C665 (2007) Assessing risks posed by hazardous ground gases to buildings (revised).

## **APPENDIX A**

### **Historical Ordnance Survey Maps**

# Historical Mapping Legends

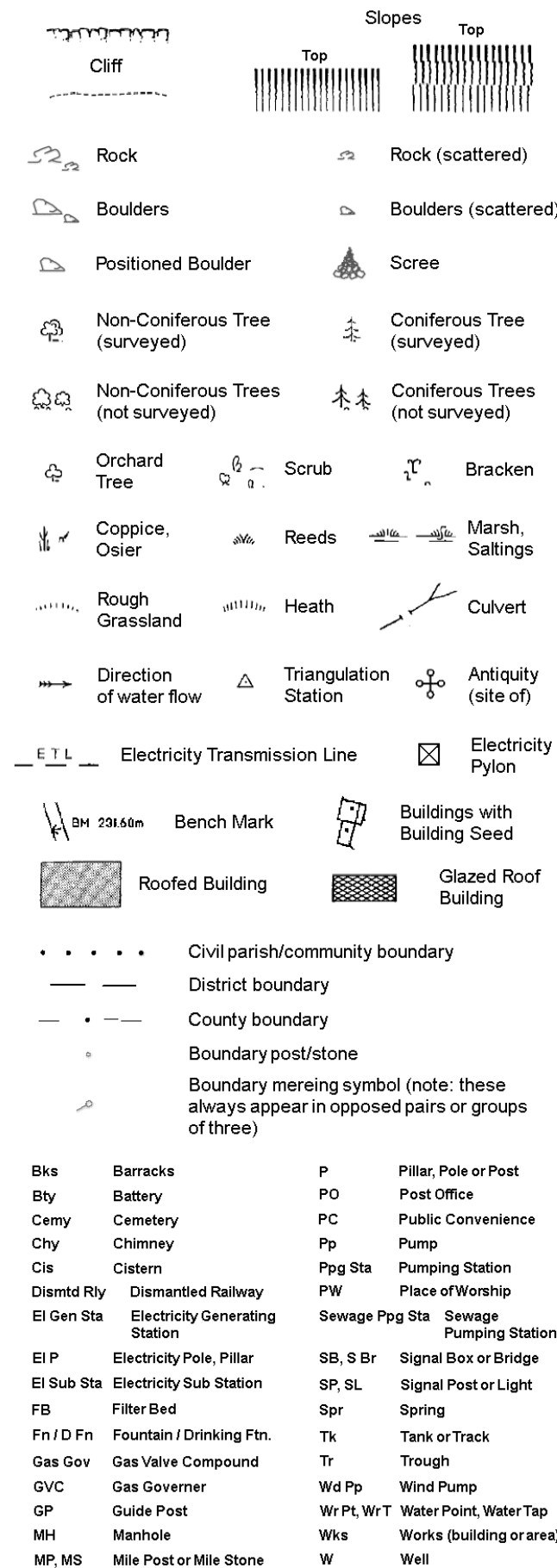
## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



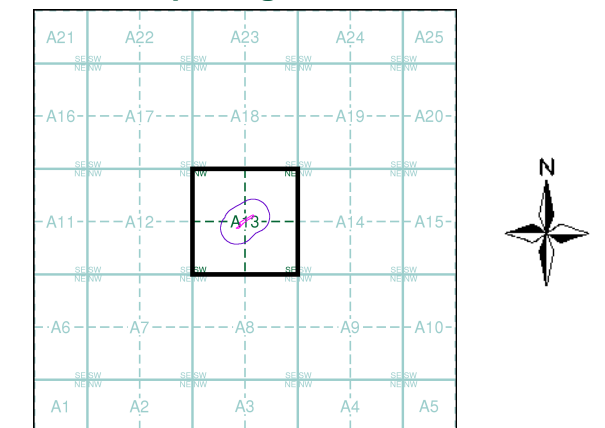
# Envirocheck®

LANDMARK INFORMATION GROUP®

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1864	2
Essex	1:2,500	1865	3
Essex	1:2,500	1865	4
Essex	1:2,500	1875 - 1885	5
London	1:2,500	1896	6
Essex	1:2,500	1919	7
Essex	1:2,500	1939	8
Historical Aerial Photography	1:1,250	1946	9
Ordnance Survey Plan	1:1,250	1953	10
Ordnance Survey Plan	1:2,500	1954	11
Ordnance Survey Plan	1:1,250	1963 - 1972	12
Ordnance Survey Plan	1:2,500	1970 - 1971	13
Supply of Unpublished Survey Information	1:1,250	1974 - 1976	14
Supply of Unpublished Survey Information	1:1,250	1976	15
Additional SIMs	1:1,250	1981	16
Large-Scale National Grid Data	1:1,250	1991	17
Large-Scale National Grid Data	1:1,250	1992	18
Large-Scale National Grid Data	1:1,250	1995	19
Large-Scale National Grid Data	1:1,250	1996	20
Historical Aerial Photography	1:2,500	1999	21

## Historical Map - Segment A13



## Order Details

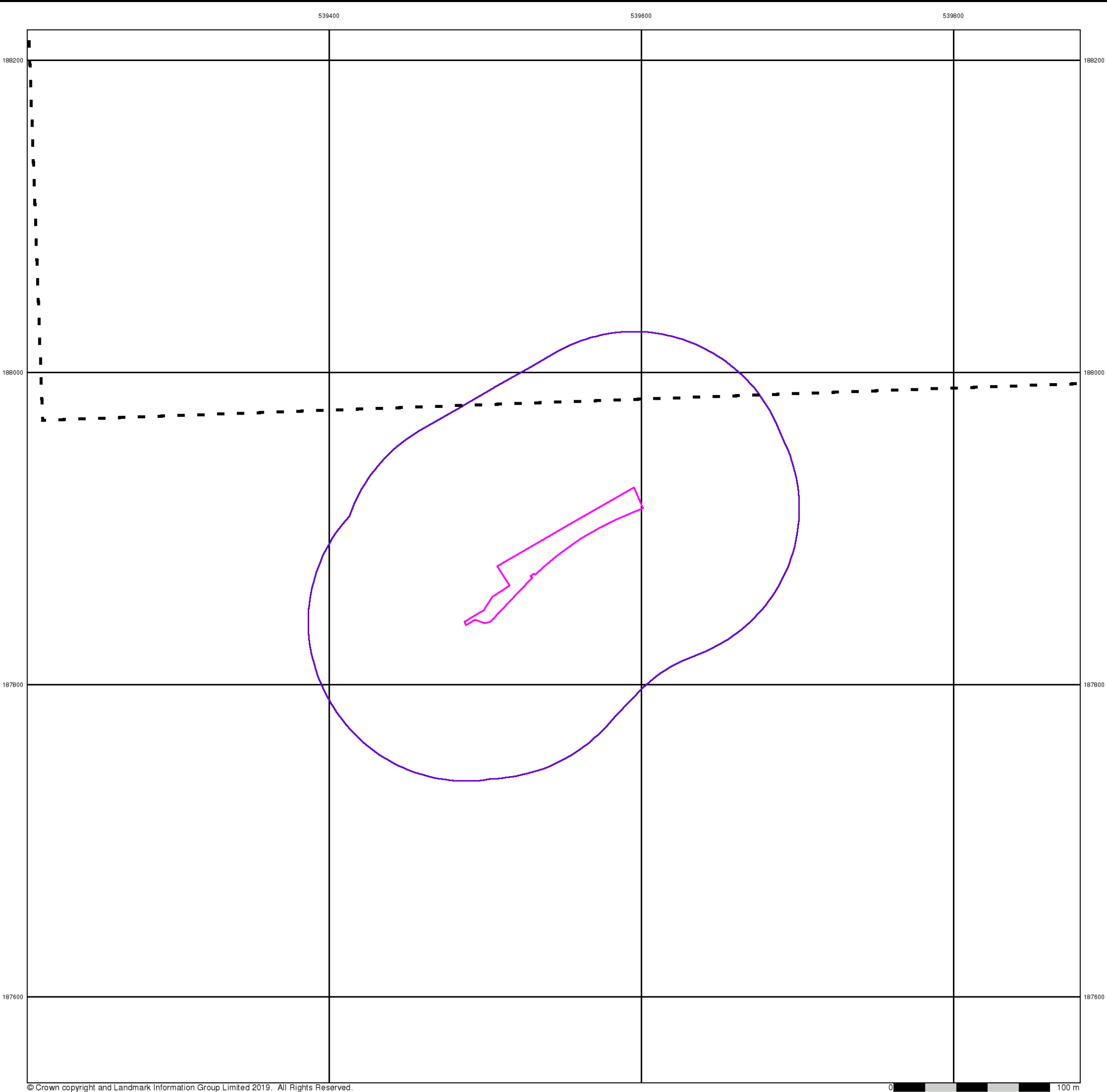
Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

## Site Details

Site at 539540, 187890

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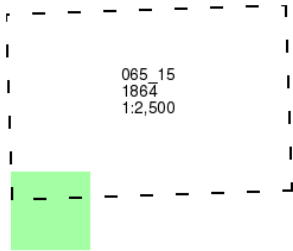
Essex

Published 1864

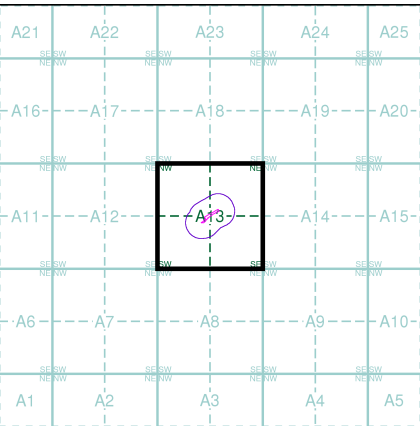
Source map scale - 1:2,500

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

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



## Historical Map - Segment A13



## Order Details

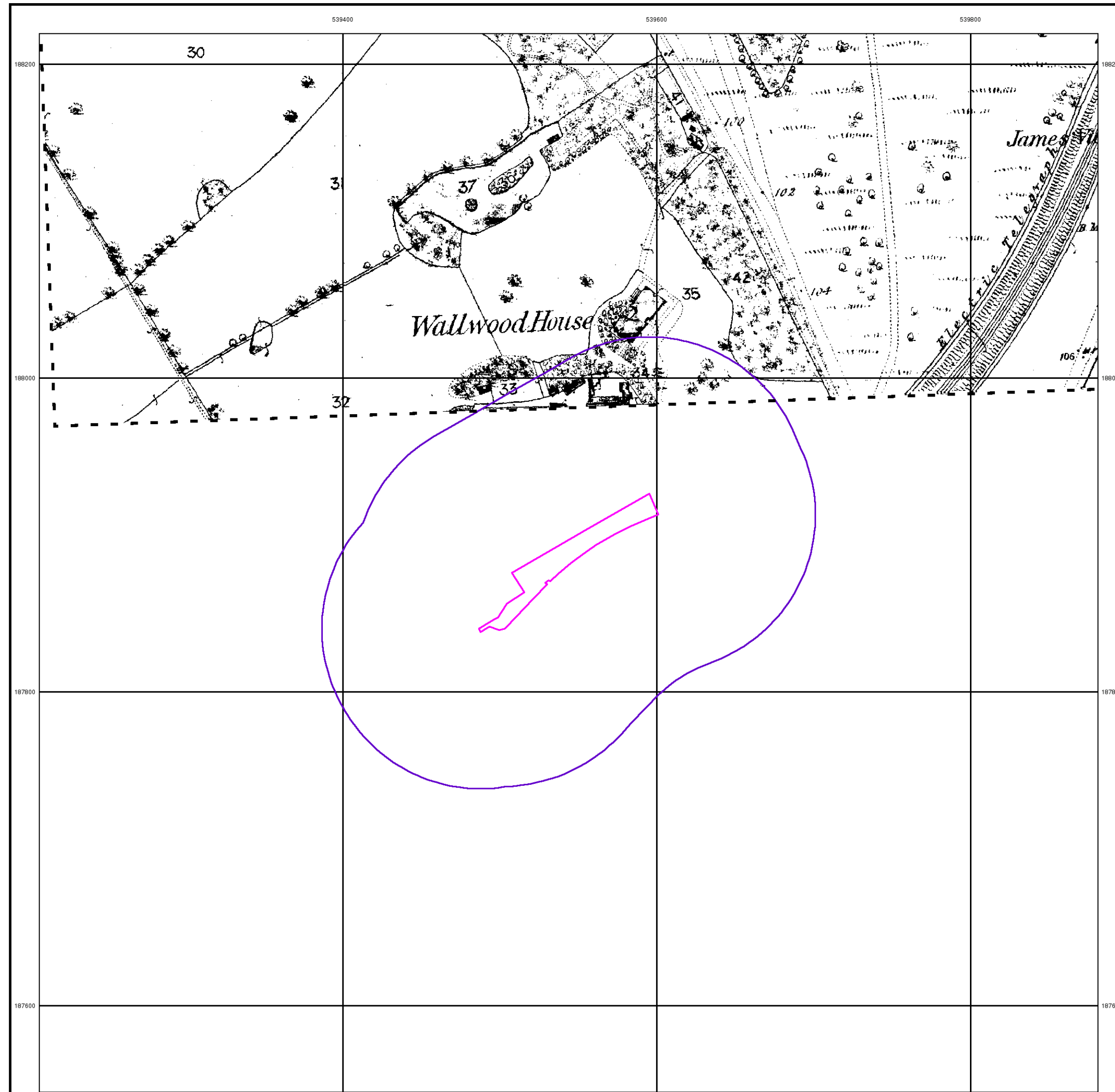
Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
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0 100 m

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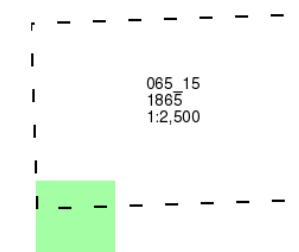
**Essex**

**Published 1865**

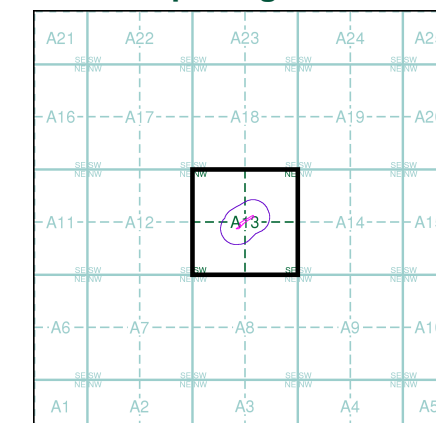
**Source map scale - 1:2,500**

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

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



## Historical Map - Segment A13



## Order Details

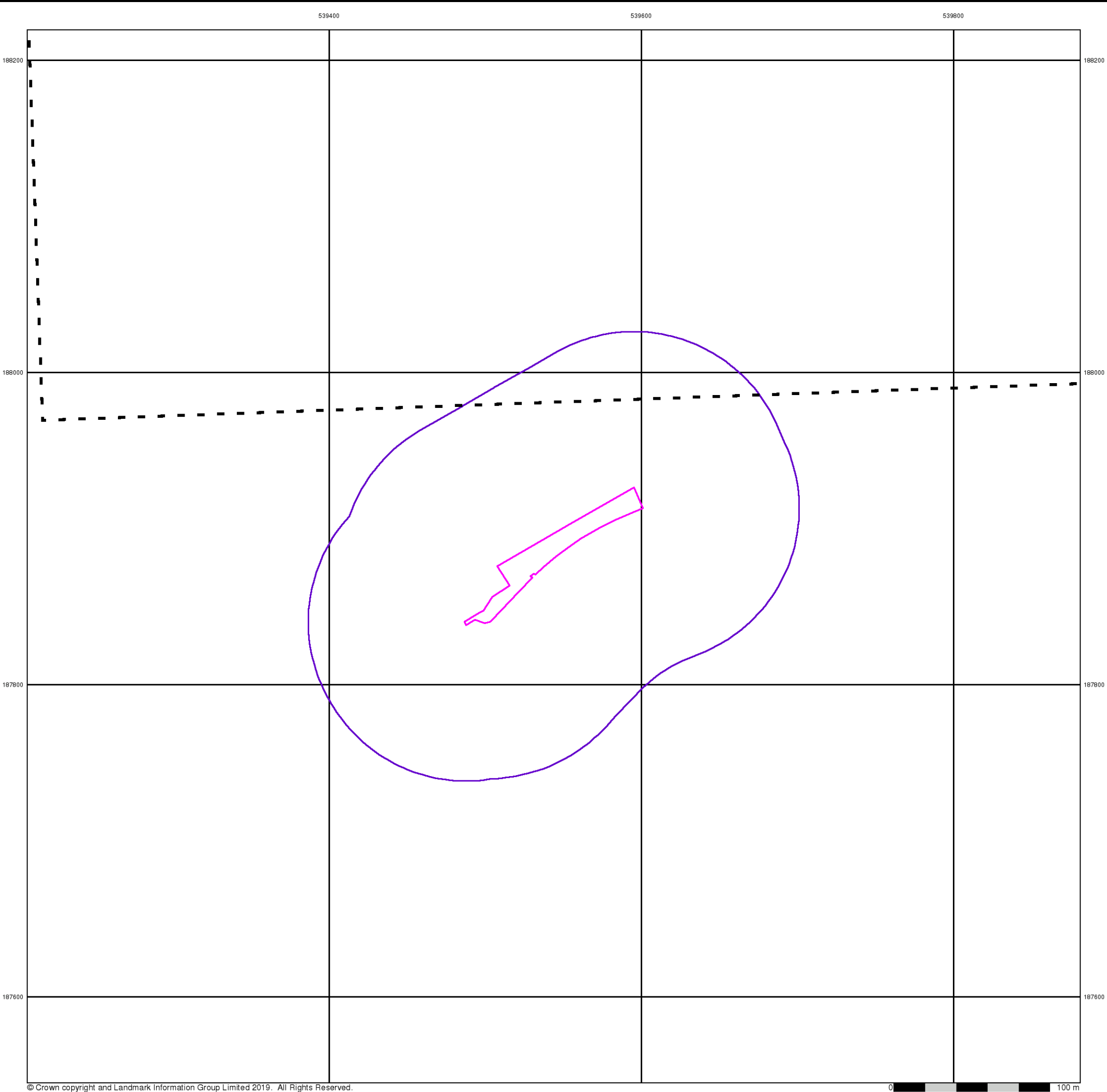
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Customer Ref: 14022366 - Leyton Road  
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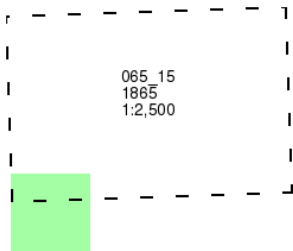
**Essex**

**Published 1865**

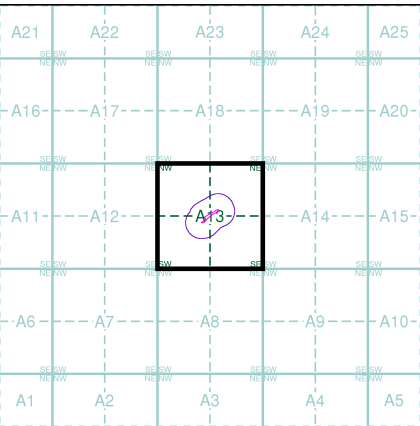
**Source map scale - 1:2,500**

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

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



## Historical Map - Segment A13



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

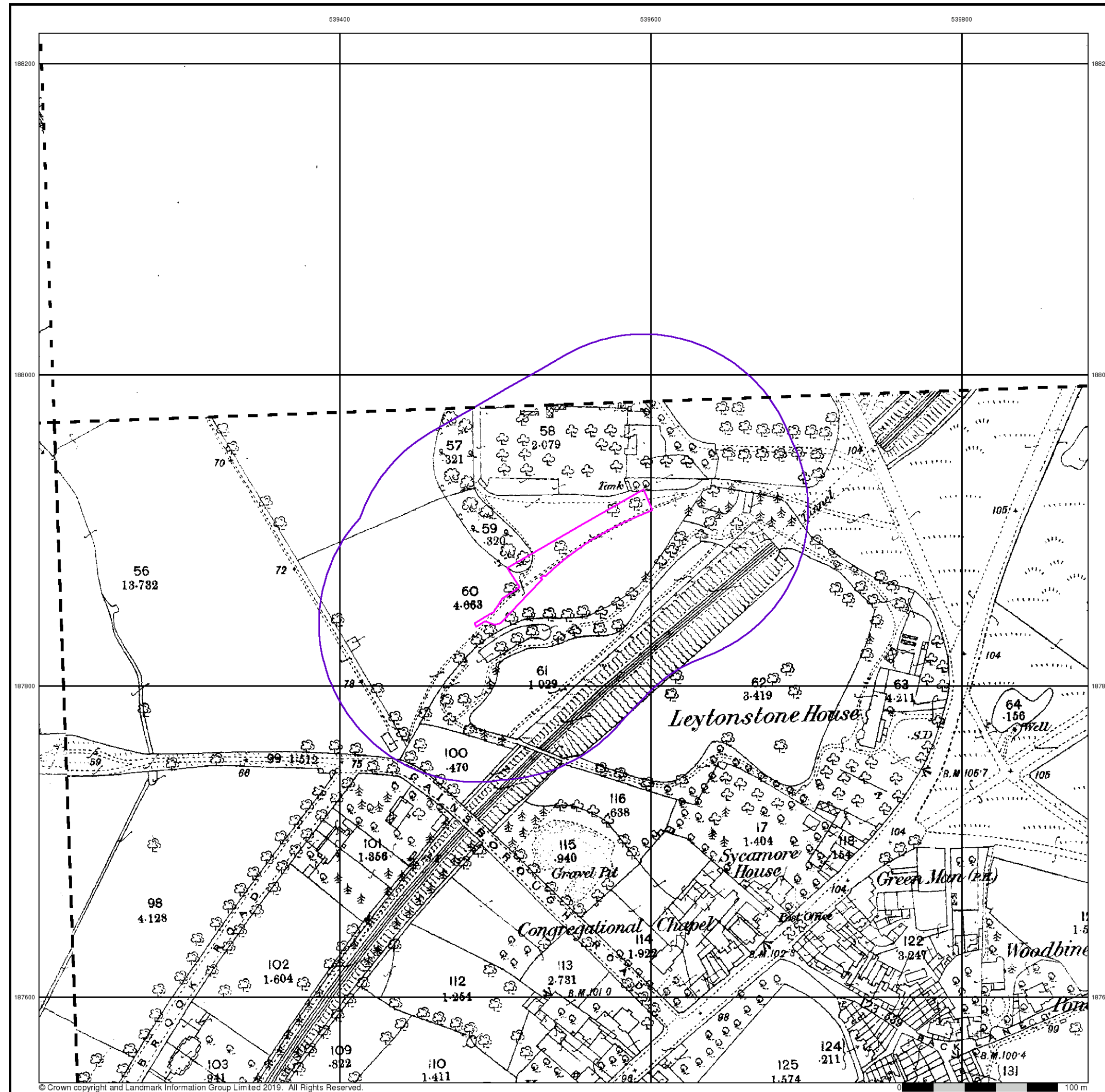
## Site Details

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Essex

Published 1875 - 1885

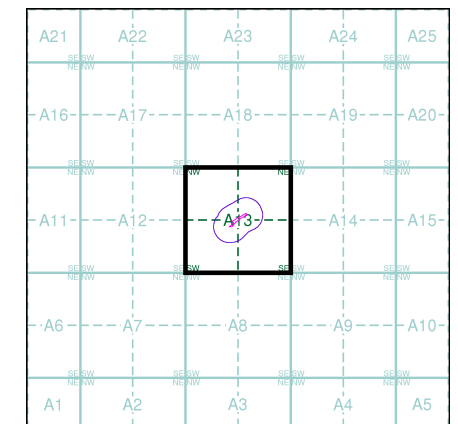
Source map scale - 1:2,500

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

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

065_14 1885 1:2,500	065_15 1881 1:2,500
073_02 1881 1:2,500	073_03 1875 1:2,500

## Historical Map - Segment A13



## Order Details

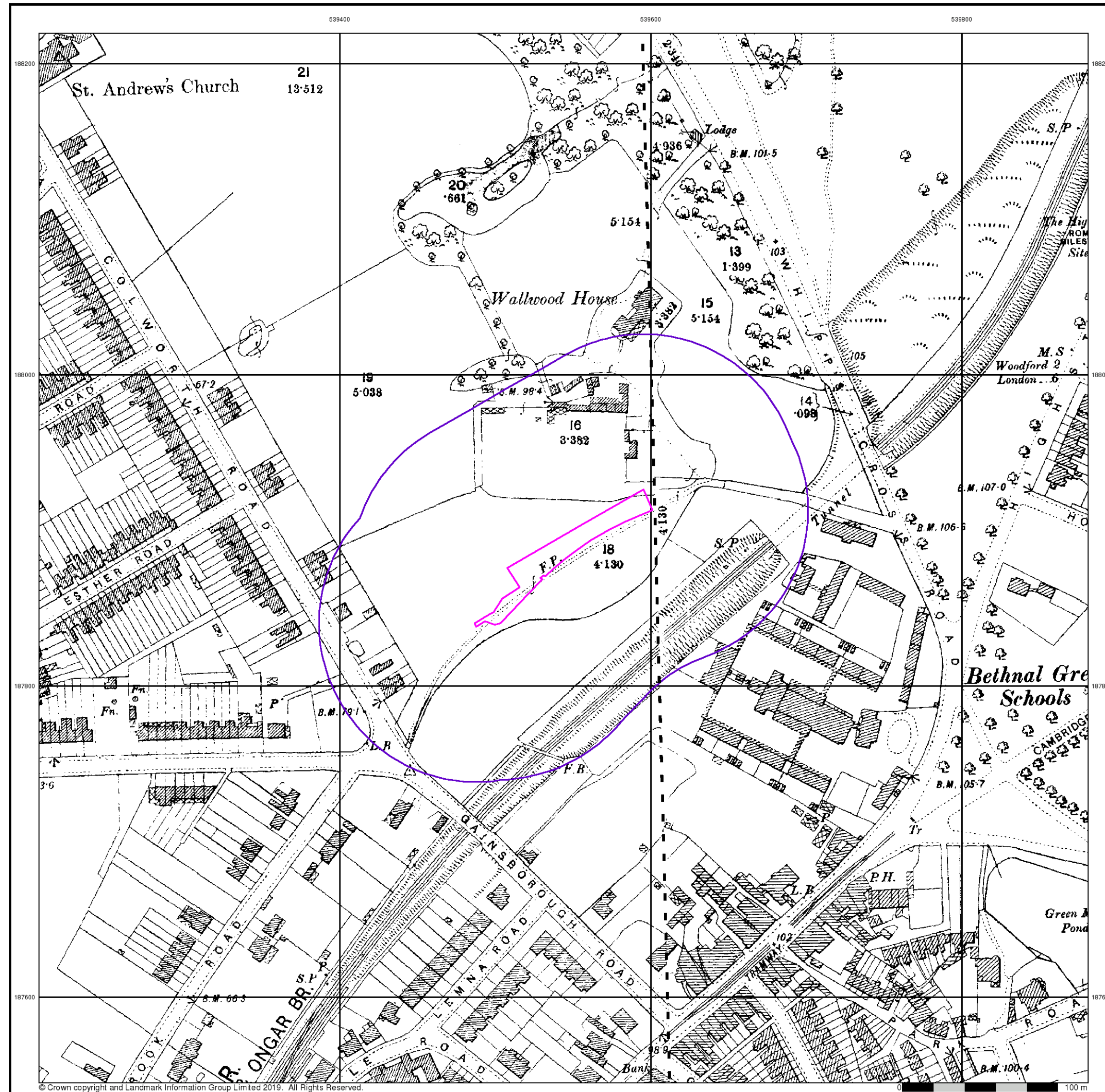
Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
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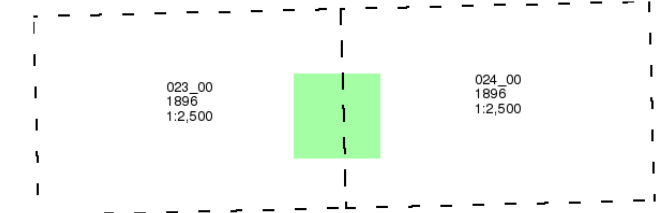
London

Published 1896

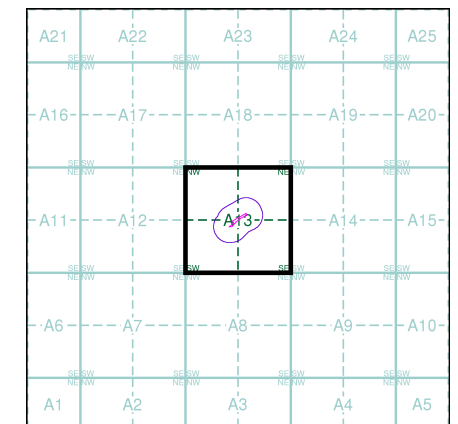
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

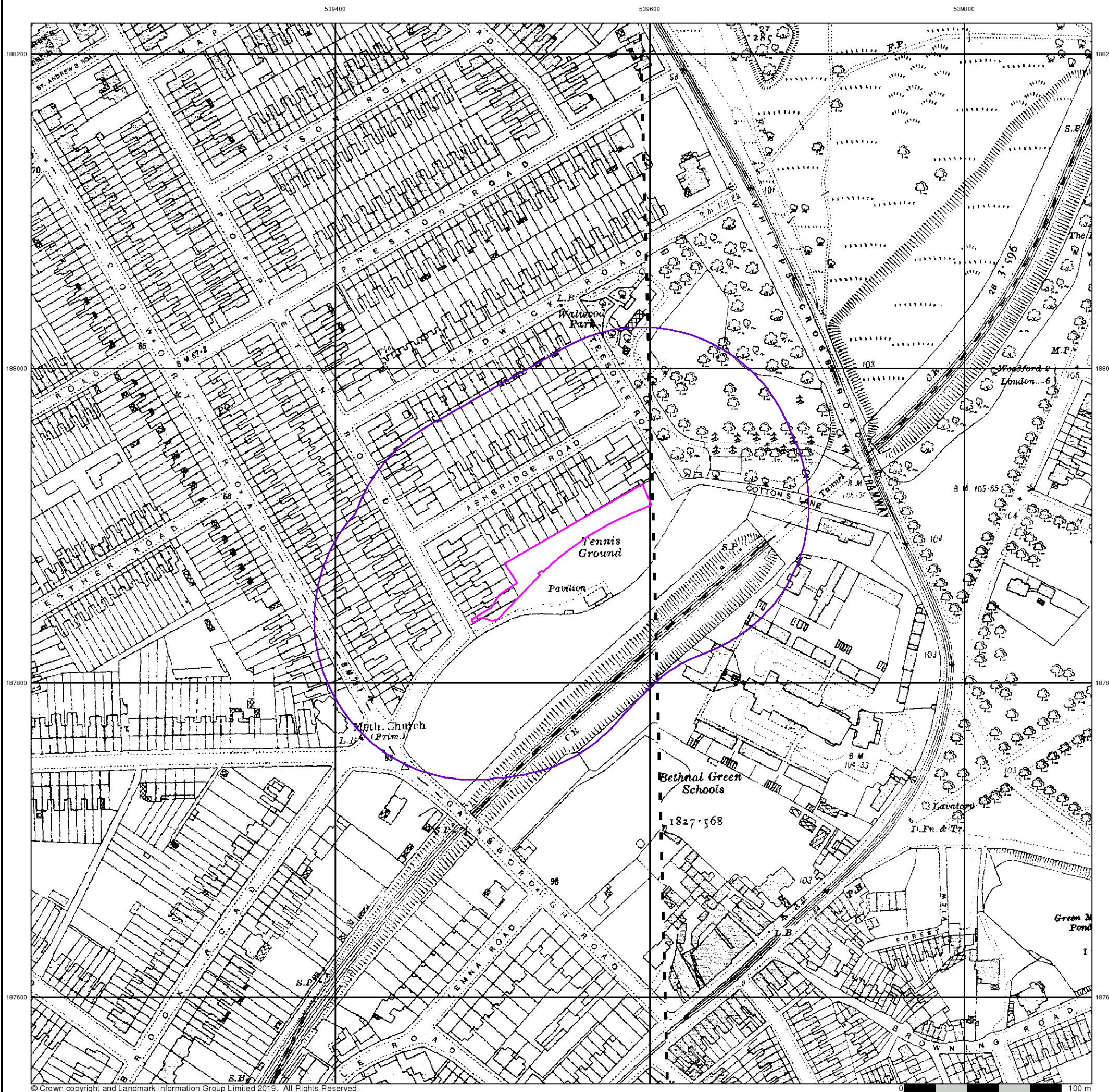
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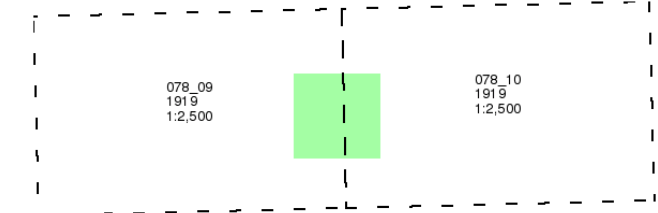
Essex

Published 1919

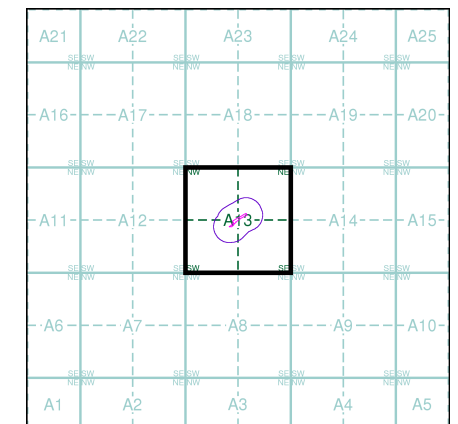
Source map scale - 1:2,500

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

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



## Historical Map - Segment A13



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
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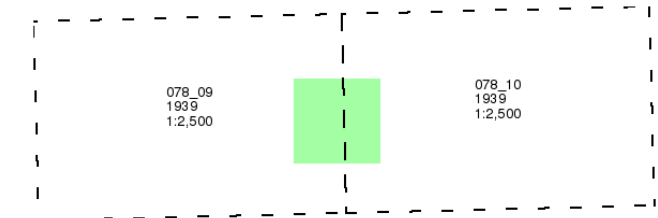
## Essex

Published 1939

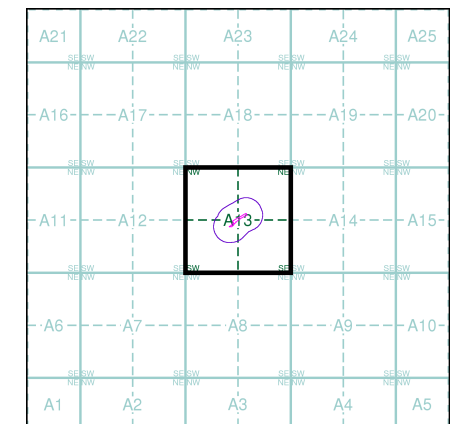
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13

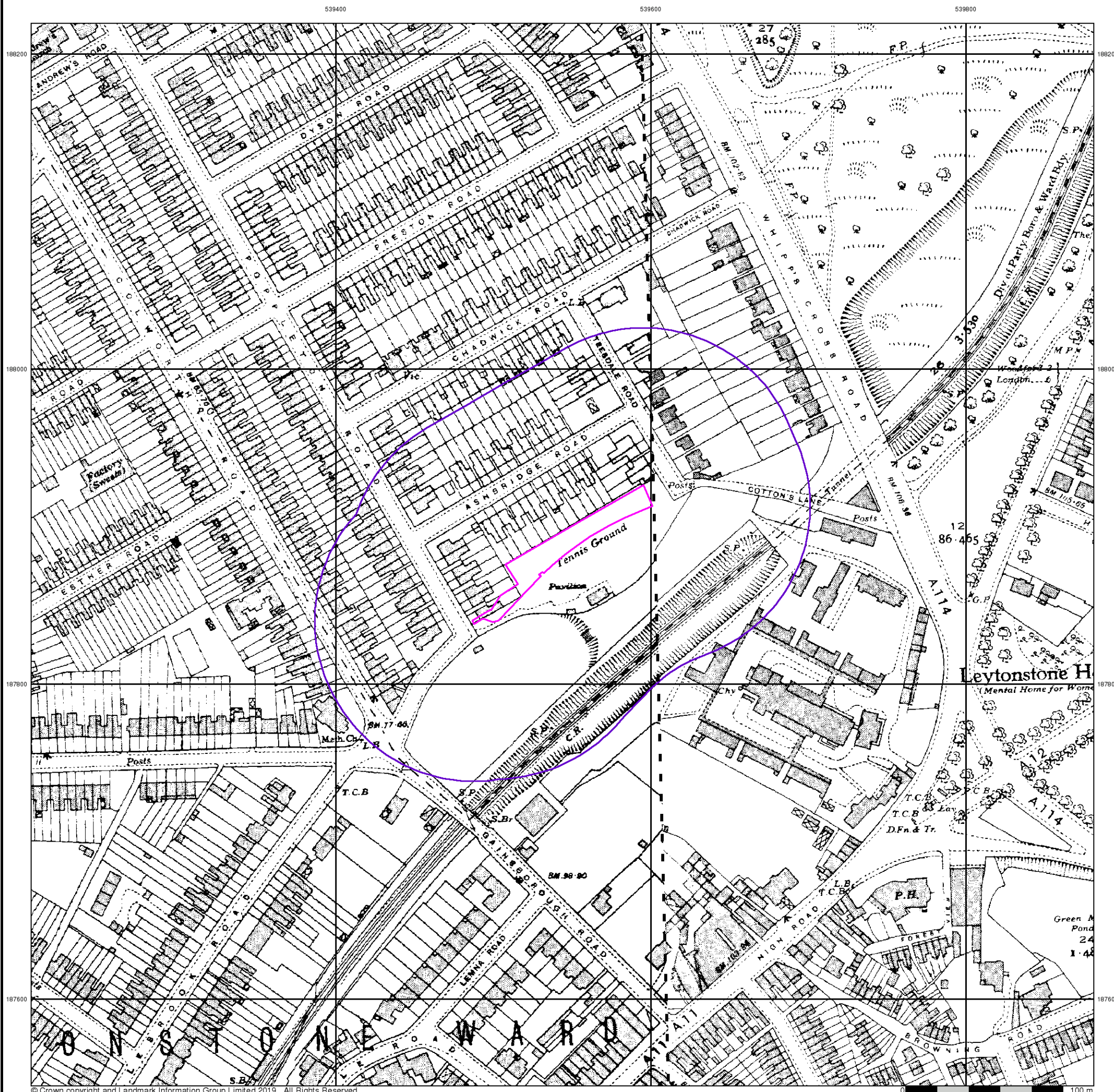


### Order Details

Order Number: 194807670\_1\_1  
 Customer Ref: 14022366 - Leyton Road  
 National Grid Reference: 539540, 187880  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 100

### Site Details

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## Historical Aerial Photography

### Published 1946

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

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

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

TC3988SW  
1946  
1:1,250

TC3988SE  
1946  
1:1,250

### Historical Aerial Photography - Segment A13

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

### Order Details

Order Number:	194807670_1_1
Customer Ref:	14022366 - Leyton Road
National Grid Reference:	539540, 187880
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

### Site Details

Site at 539540, 187890

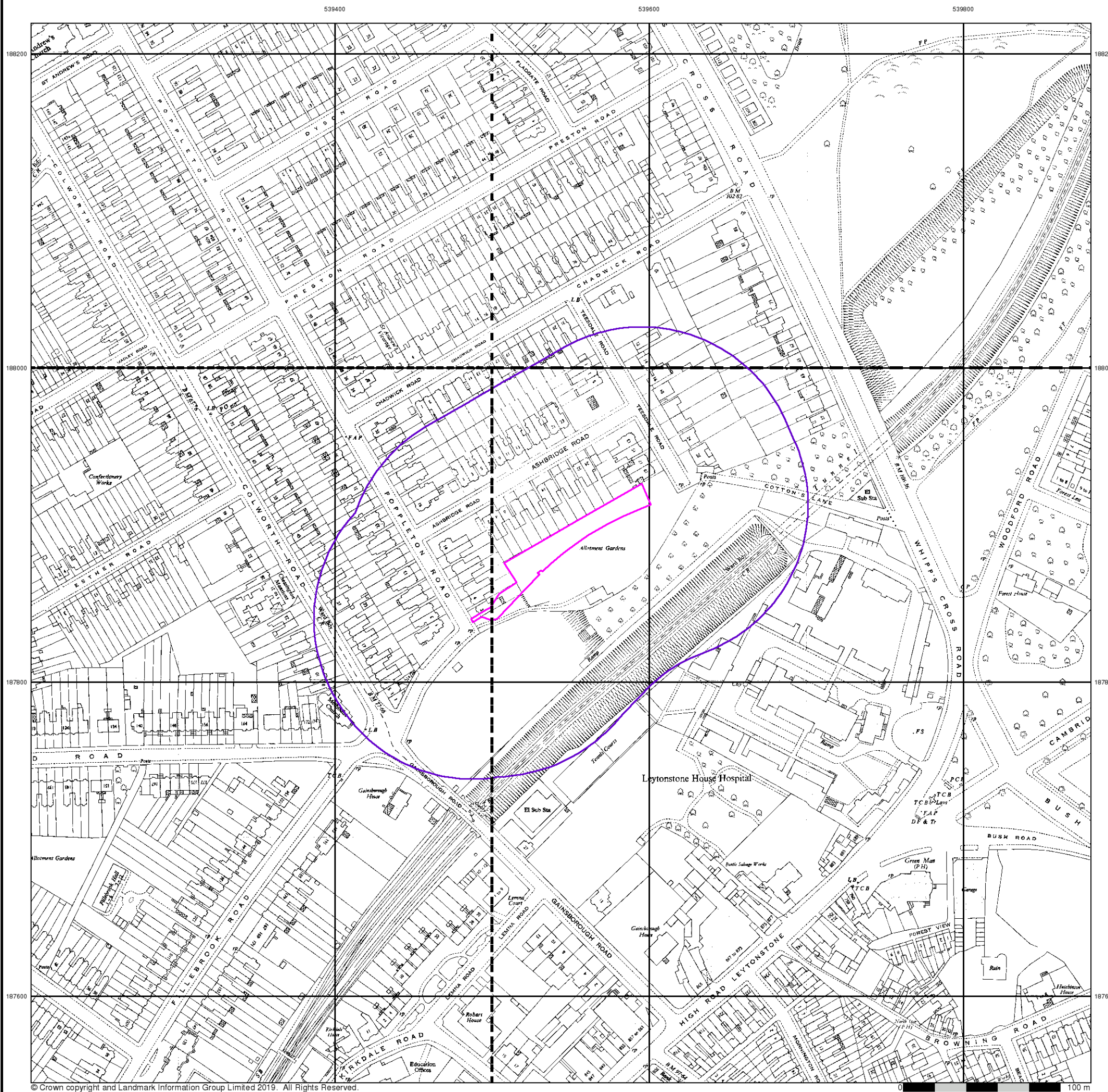
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## Ordnance Survey Plan

Published 1953

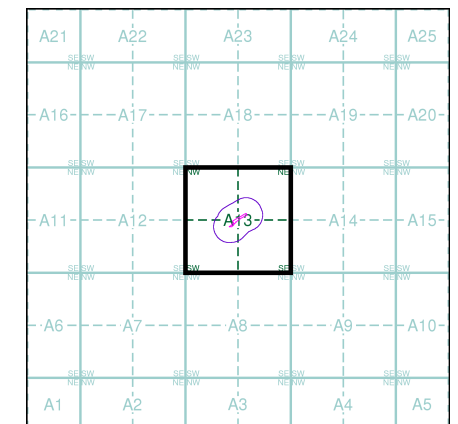
Source map scale - 1:1,250

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)

TQ3988SW 1953 1:1,250	TQ3988SE 1953 1:1,250
TQ3987NW 1953 1:1,250	TQ3987NE 1953 1:1,250

## Historical Map - Segment A13



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

## Site Details

Site at 539540, 187890

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## Ordnance Survey Plan

Published 1954

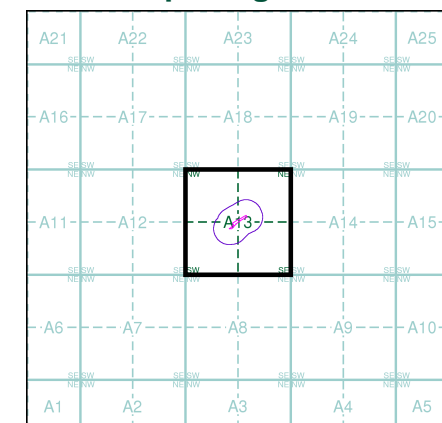
Source map scale - 1:2,500

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)

TQ3988
1954
1:2,500
TQ3987
1954
1:2,500

## Historical Map - Segment A13

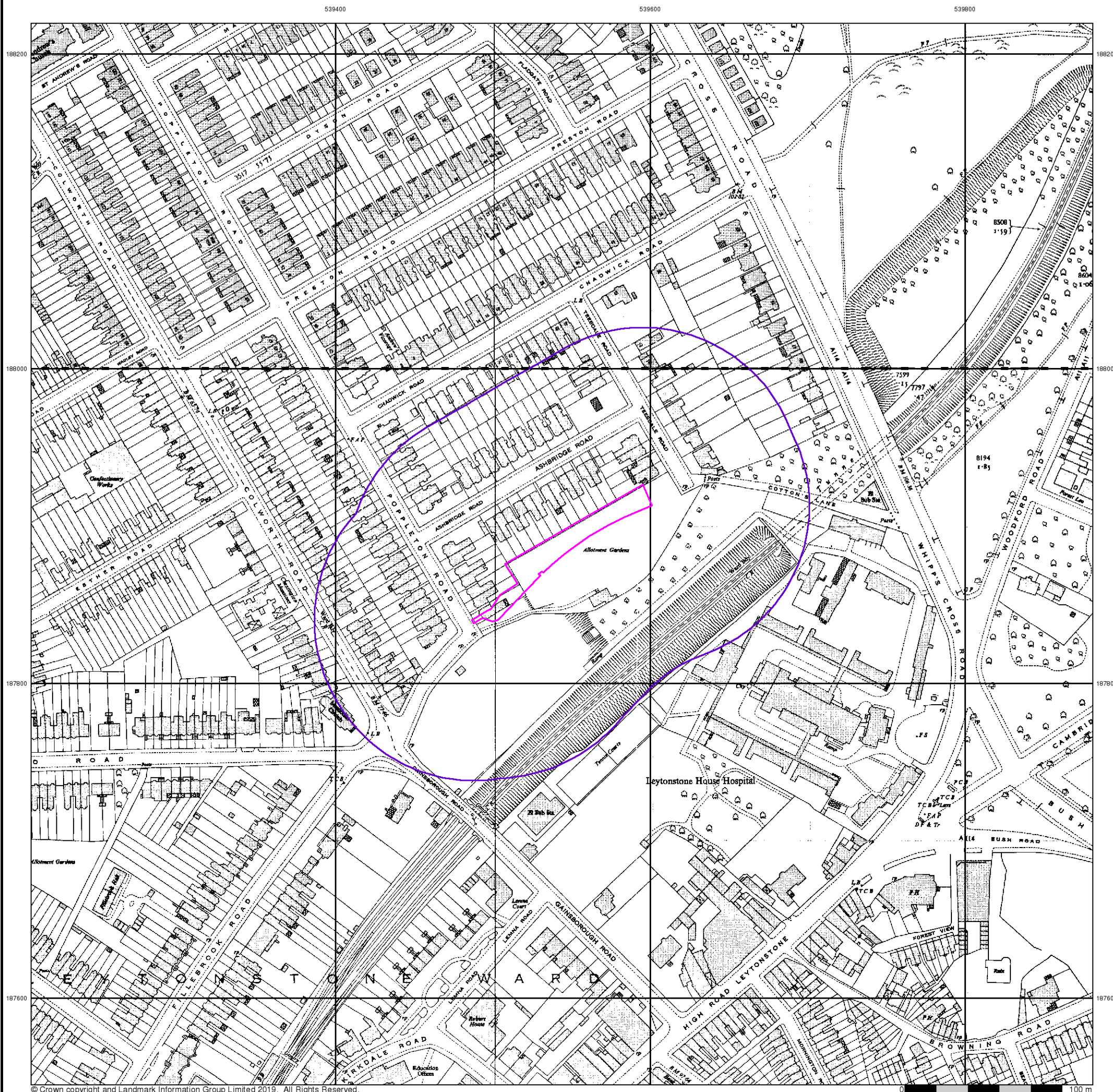


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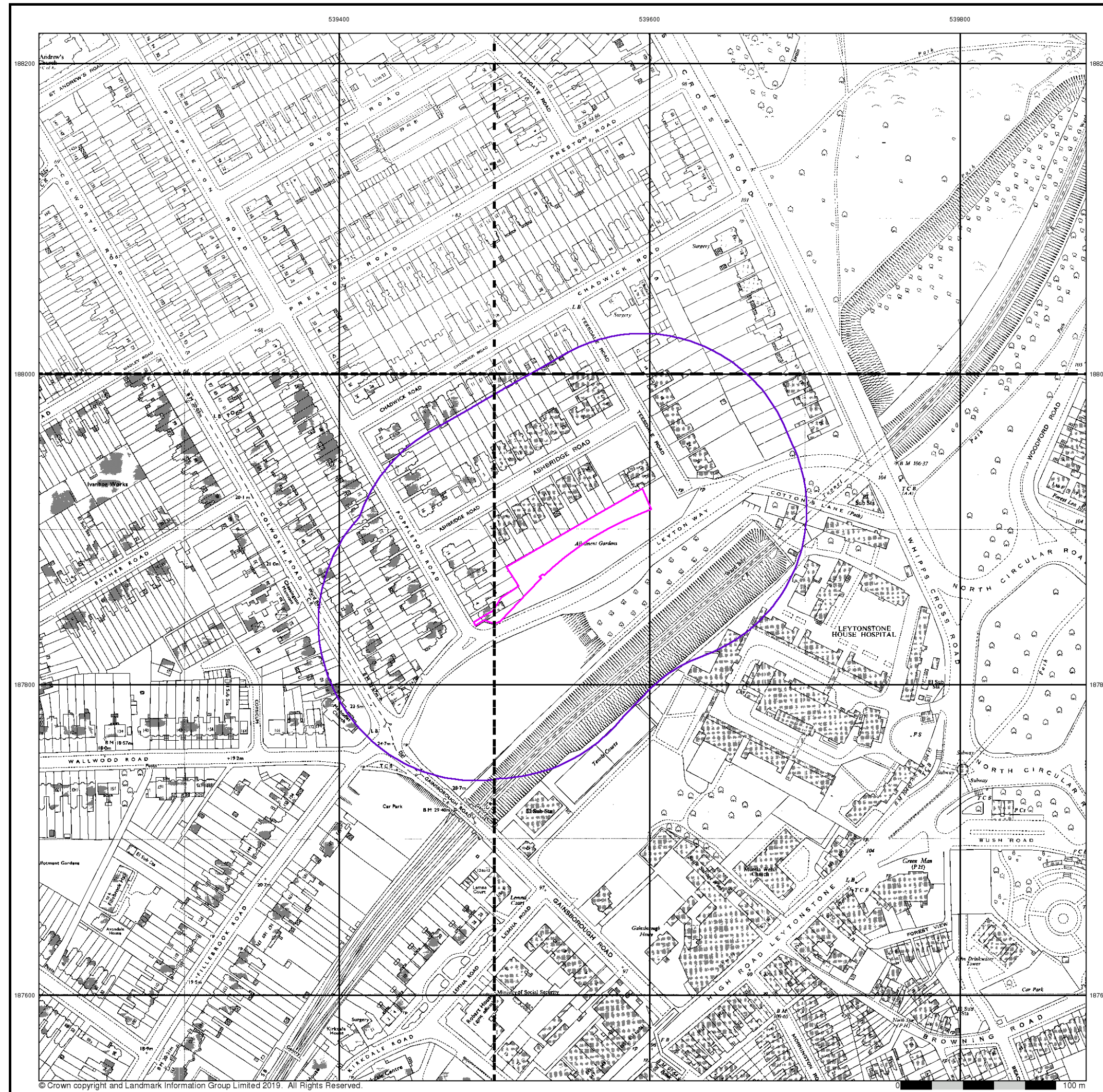
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 National Grid Reference: 539540, 187880  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 100

## Site Details

Site at 539540, 187890







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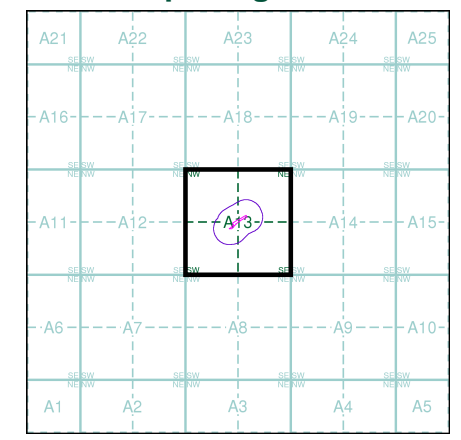
## Ordnance Survey Plan Published 1963 - 1972 Source map scale - 1:1,250

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)

TQ3988SW 1963 1:1,250	TQ3988SE 1963 1:1,250
TQ3987NW 1972 1:1,250	TQ3987NE 1967 1:1,250

### Historical Map - Segment A13

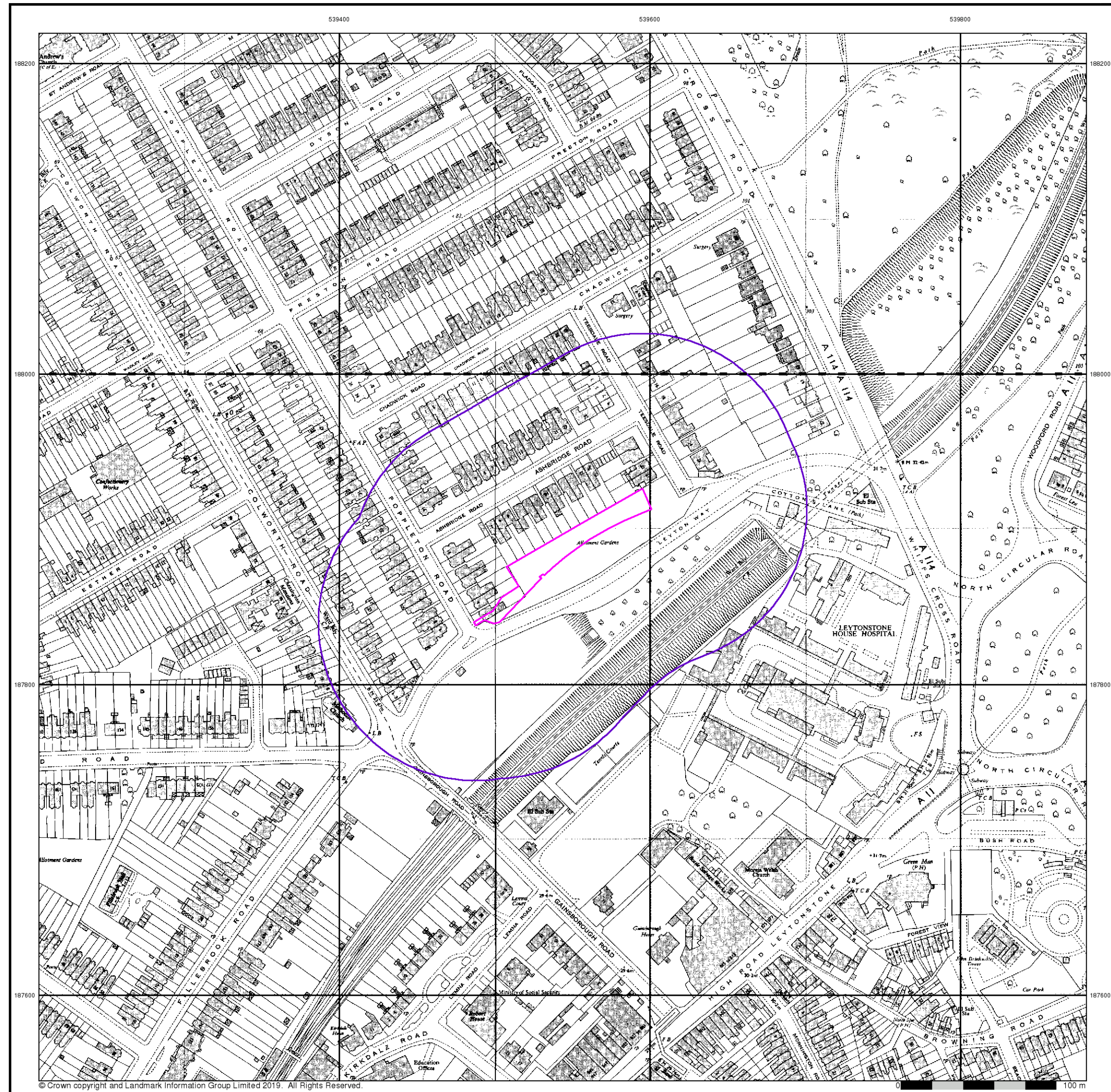


**Order Details**  
Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

**Site Details**  
Site at 539540, 187890

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## Ordnance Survey Plan

**Published 1970 - 1971**

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

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

TQ3988
1970
1:2,500
TQ3987
1971
1:2,500

### Historical Map - Segment A13

#### Order Details

Order Number:	194807670_1_1
Customer Ref:	14022366 - Leyton Road
National Grid Reference:	539540, 187880
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

#### Site Details

Site at 539540, 187890

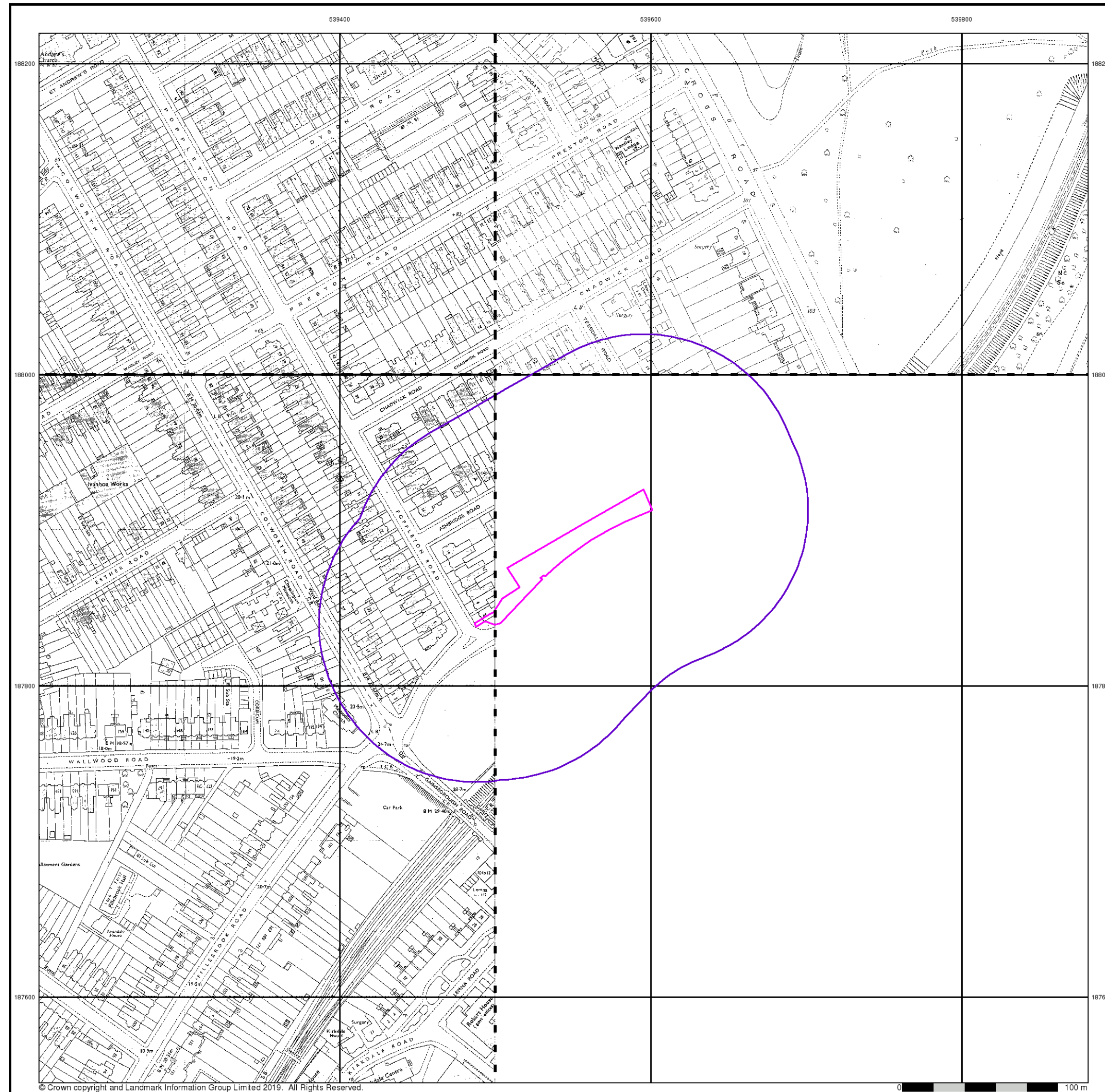
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## Supply of Unpublished Survey Information

Published 1974 - 1976

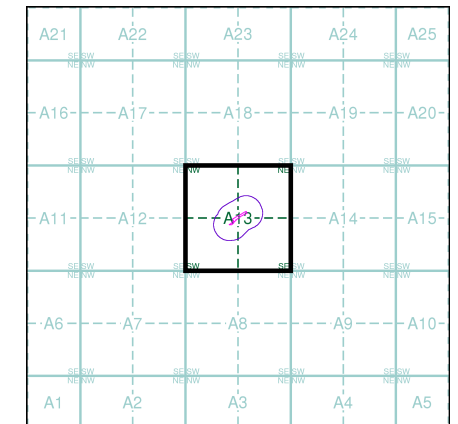
Source map scale - 1:1,250

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

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

TQ3988SW	TQ3988SE
1974	1976
1:1,250	1:1,250
TQ3987NW	
1974	
1:1,250	

### Historical Map - Segment A13



### Order Details

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Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

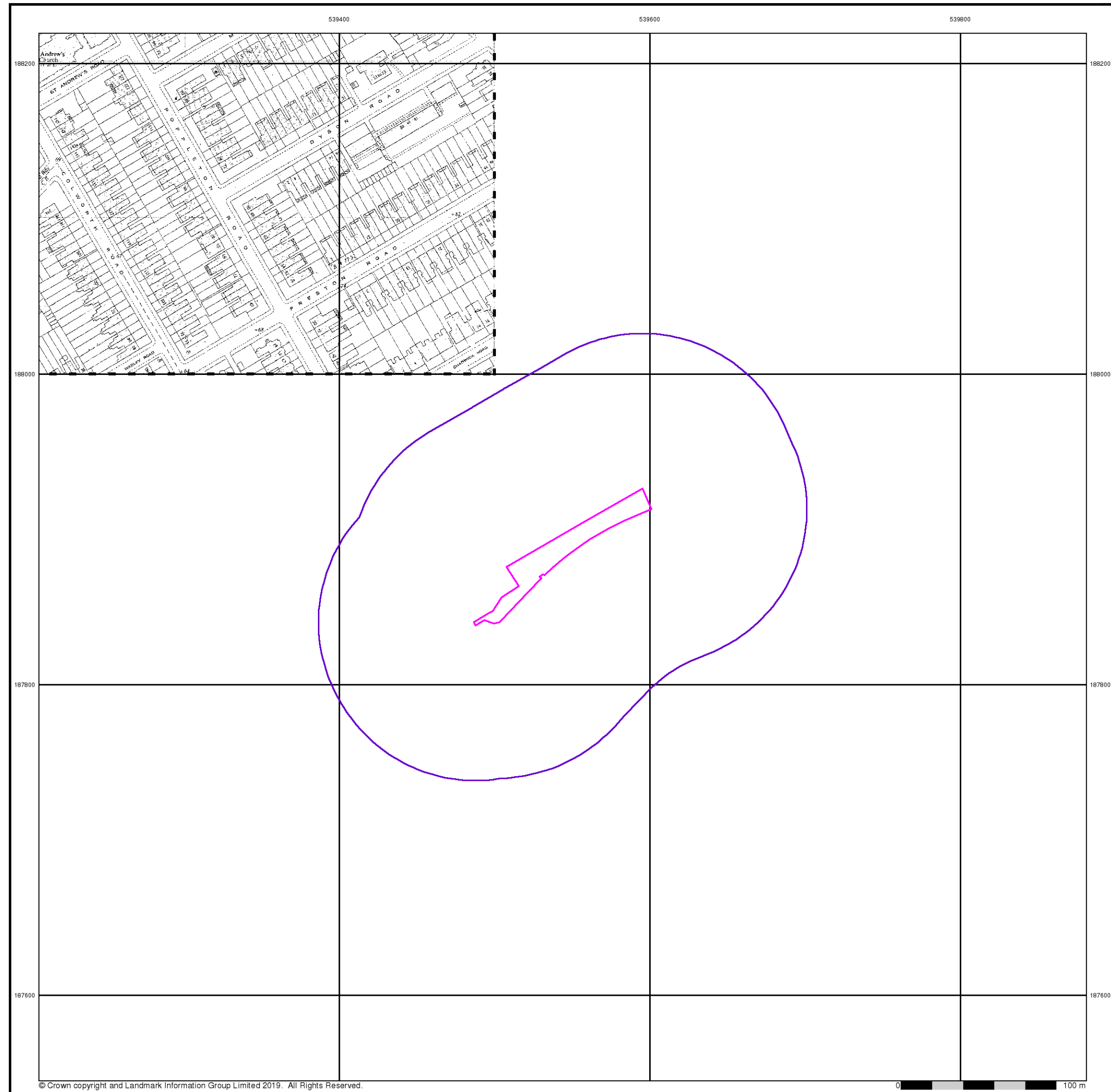
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## Supply of Unpublished Survey Information

**Published 1976**

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

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

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

TQ3988SW  
1976  
1:1,250

### Historical Map - Segment A13

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

### Order Details

Order Number:	194807670_1_1
Customer Ref:	14022366 - Leyton Road
National Grid Reference:	539540, 187880
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

### Site Details

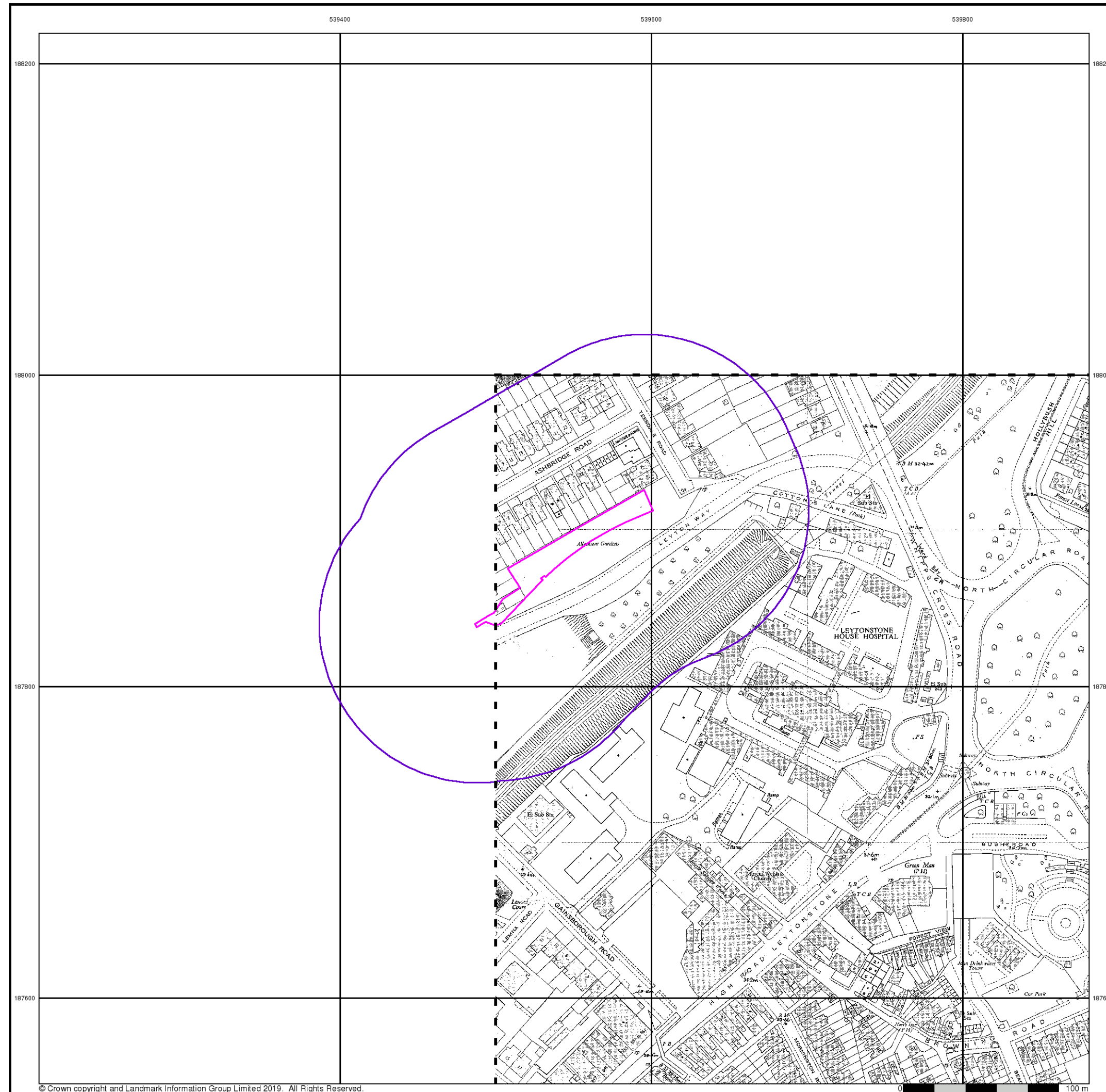
Site at 539540, 187890

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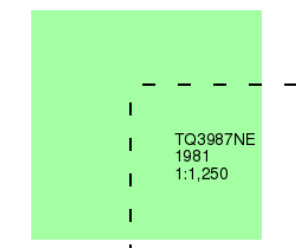
## Additional SIMs

Published 1981

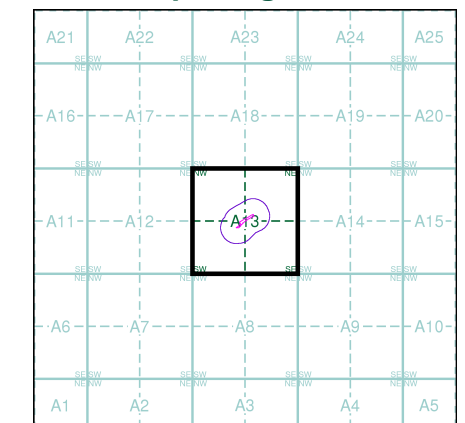
**Source map scale - 1:1,250**

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

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



## Historical Map - Segment A13



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

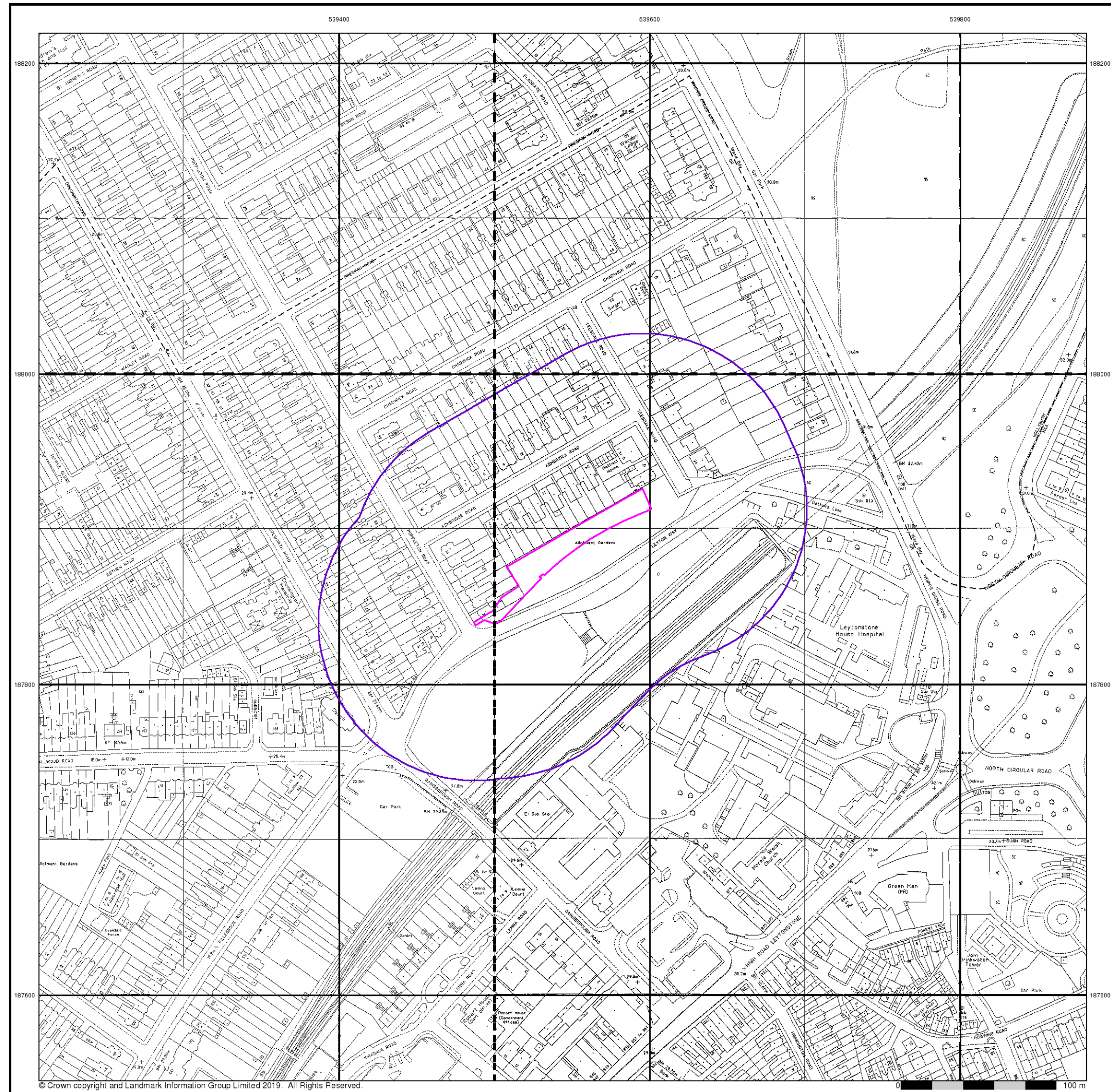
## Site Details

Site at 539540, 187890

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## Large-Scale National Grid Data

**Published 1991**

**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)

TQ3988SW	TQ3988SE
1991	1991
1:1,250	1:1,250

TQ3987NW	TQ3987NE
1991	1991
1:1,250	1:1,250

### Historical Map - Segment A13

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

### Order Details

Order Number:	194807670_1_1
Customer Ref:	14022366 - Leyton Road
National Grid Reference:	539540, 187880
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

### Site Details

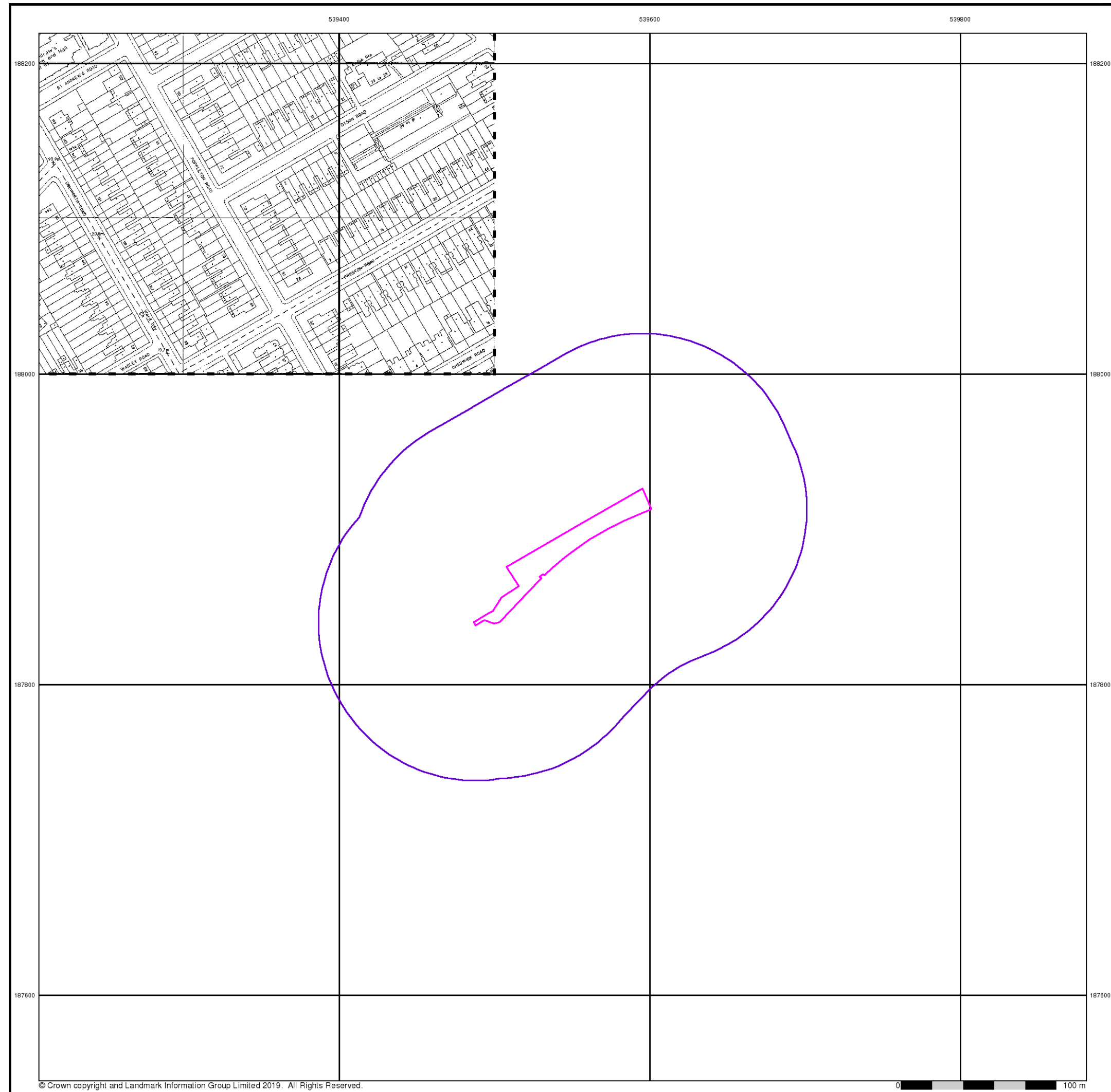
Site at 539540, 187890

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A Landmark Information Group Service v50.0 20-Feb-2019 Page 17 of 21



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0 100 m

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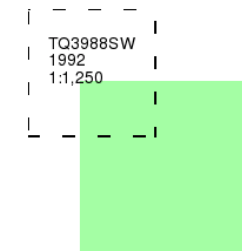
## Large-Scale National Grid Data

Published 1992

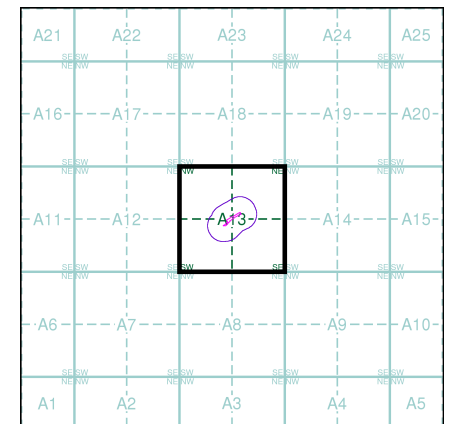
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

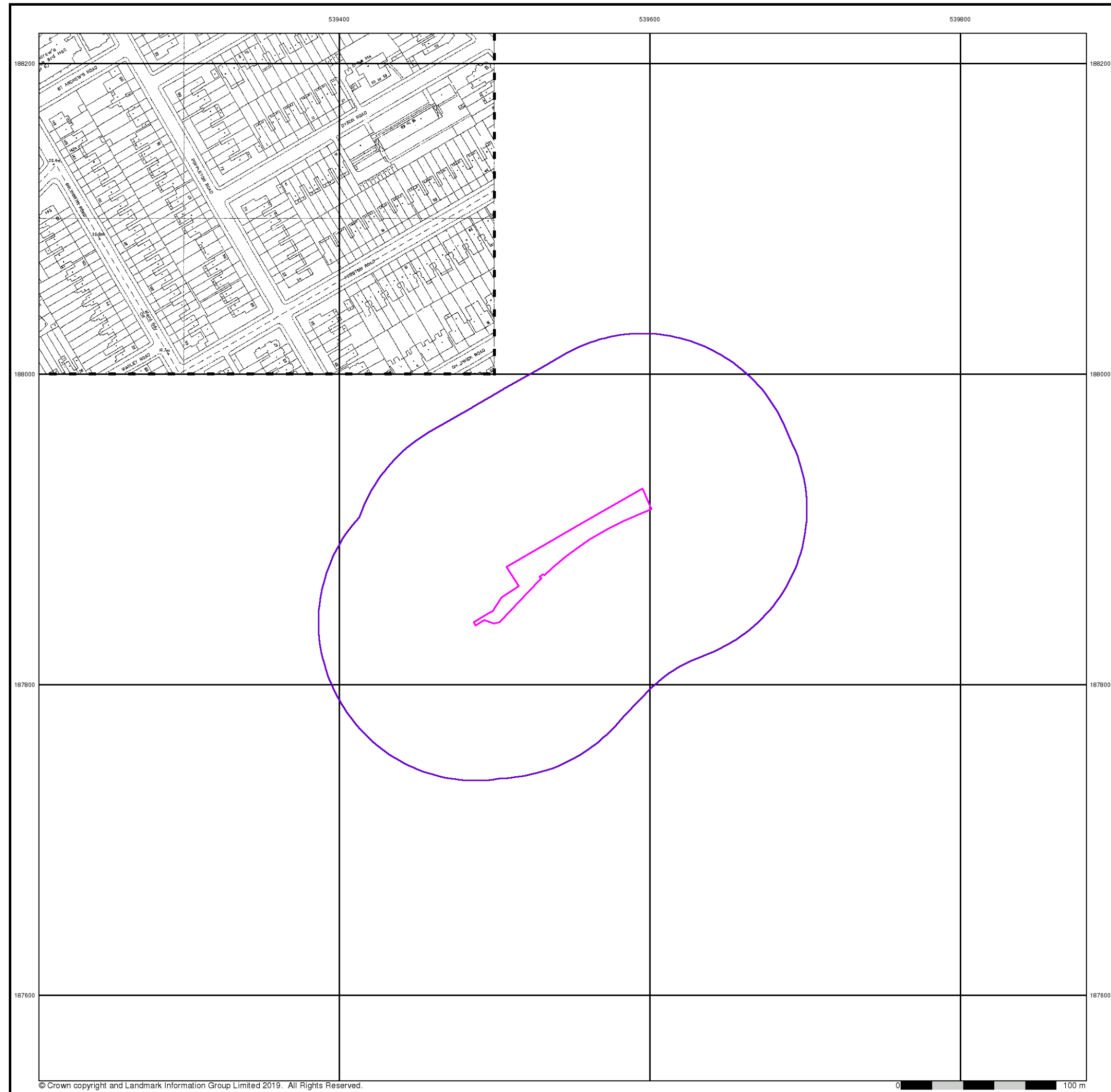
### Site Details

Site at 539540, 187890

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0 100 m

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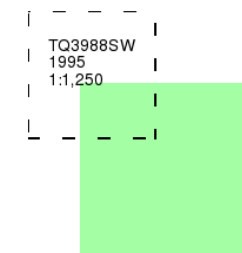
## Large-Scale National Grid Data

Published 1995

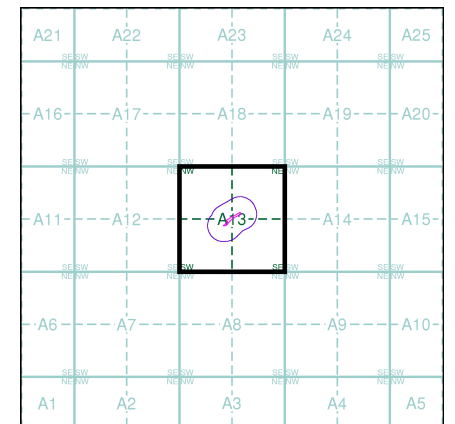
Source map scale - 1:1,250

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

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



### Historical Map - Segment A13



### Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
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### Site Details

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## Published 1996

'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.

TQ3987NW  
1996  
1:1,250



Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

Site at 539540, 187890



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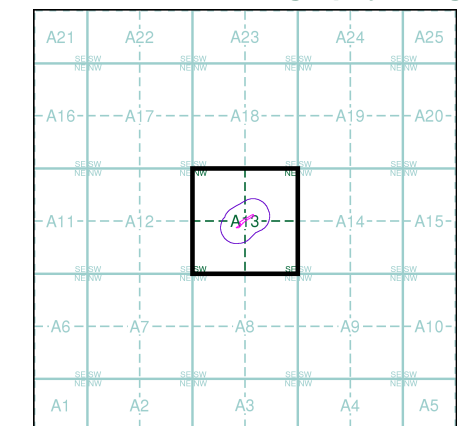
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## Historical Aerial Photography

**Published 1999**

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

### Historical Aerial Photography - Segment A13



### Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 100

### Site Details

Site at 539540, 187890

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# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

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

## 1:10,000 Raster Mapping

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

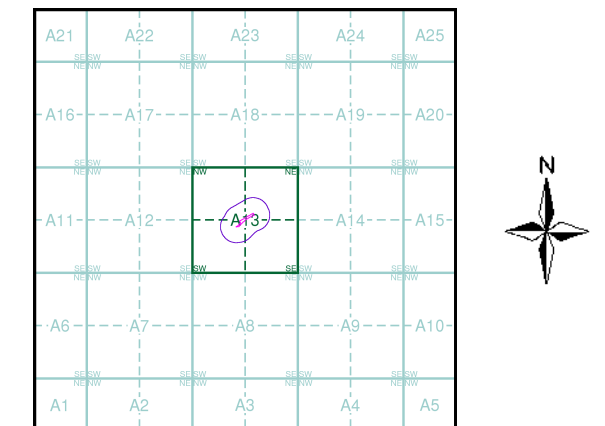
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## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Kent	1:10,560	1870	3
Middlesex	1:10,560	1873	4
Essex	1:10,560	1873 - 1876	5
London	1:10,560	1896	6
Essex	1:10,560	1898 - 1899	7
Essex	1:10,560	1921	8
Essex	1:10,560	1938	9
Historical Aerial Photography	1:10,560	1949	10
Ordnance Survey Plan	1:10,000	1951 - 1952	11
Ordnance Survey Plan	1:10,000	1962 - 1968	12
Ordnance Survey Plan	1:10,000	1968	13
Ordnance Survey Plan	1:10,000	1977	14
London	1:25,000	1985	15
Ordnance Survey Plan	1:10,000	1988	16
Ordnance Survey Plan	1:10,000	1990 - 1995	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2019	20

## Historical Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

## Site Details

Site at 539540, 187890

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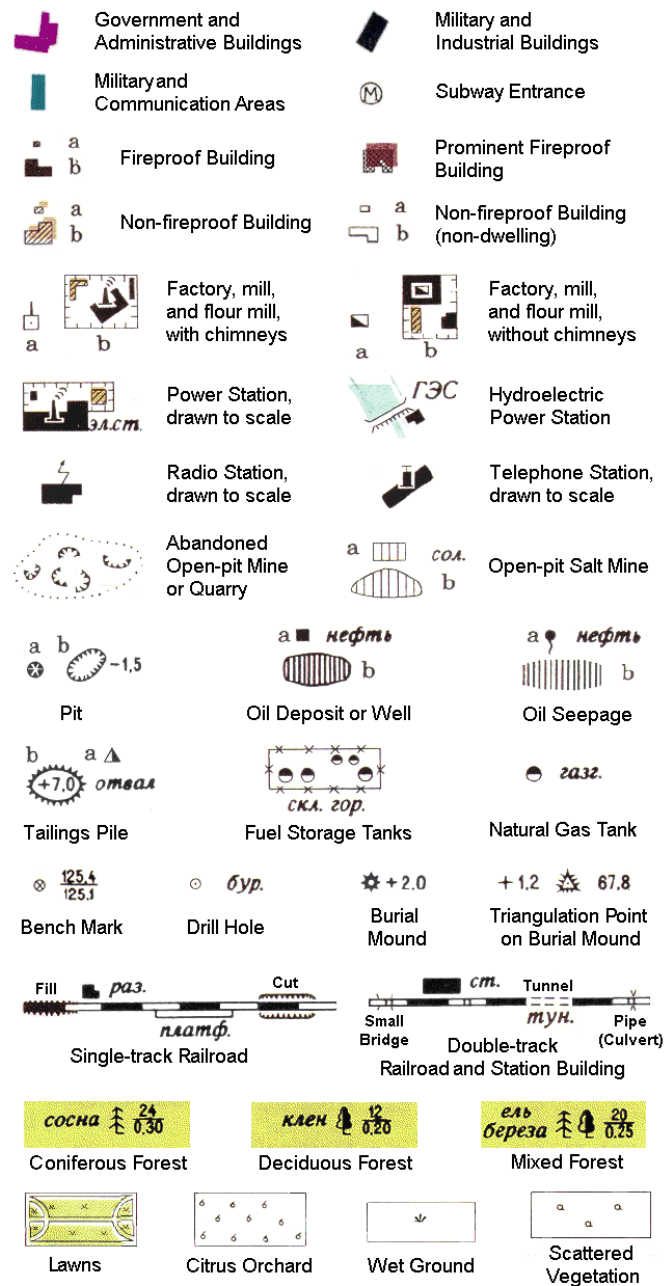
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Web: www.envirocheck.co.uk



# Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale



**243.8** Values for prominent elevations

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

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

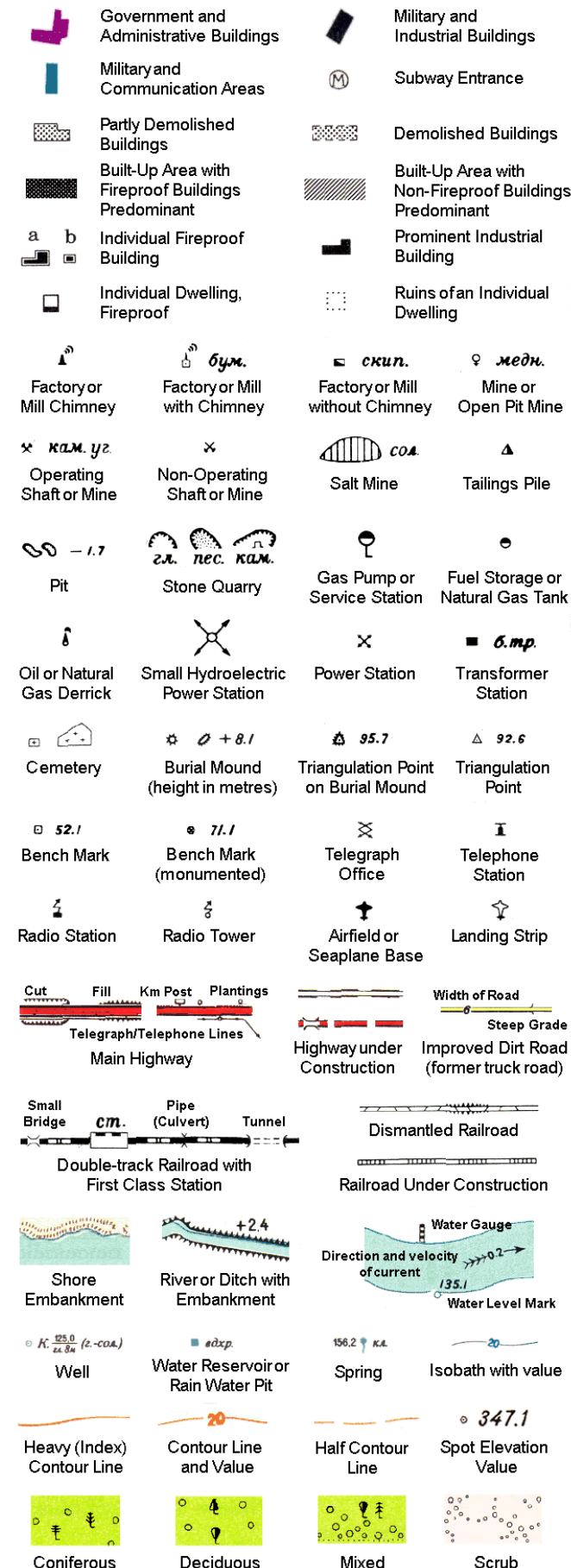
**180/12** Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

## 1:25,000 mapping

a. Not drawn to scale b. Drawn to scale



## Key to Numbers on Mapping

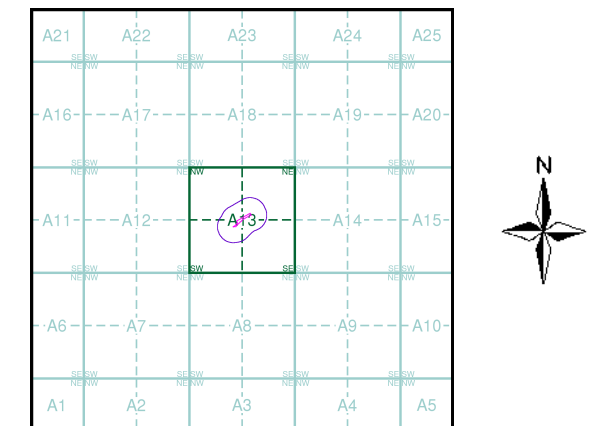
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## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Kent	1:10,560	1870	3
Middlesex	1:10,560	1873	4
Essex	1:10,560	1873 - 1876	5
London	1:10,560	1896	6
Essex	1:10,560	1898 - 1899	7
Essex	1:10,560	1921	8
Essex	1:10,560	1938	9
Historical Aerial Photography	1:10,560	1949	10
Ordnance Survey Plan	1:10,000	1951 - 1952	11
Ordnance Survey Plan	1:10,000	1962 - 1968	12
Ordnance Survey Plan	1:10,000	1968	13
Ordnance Survey Plan	1:10,000	1977	14
London	1:25,000	1985	15
Ordnance Survey Plan	1:10,000	1988	16
Ordnance Survey Plan	1:10,000	1990 - 1995	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2019	20

## Russian Map - Slice A



## Order Details

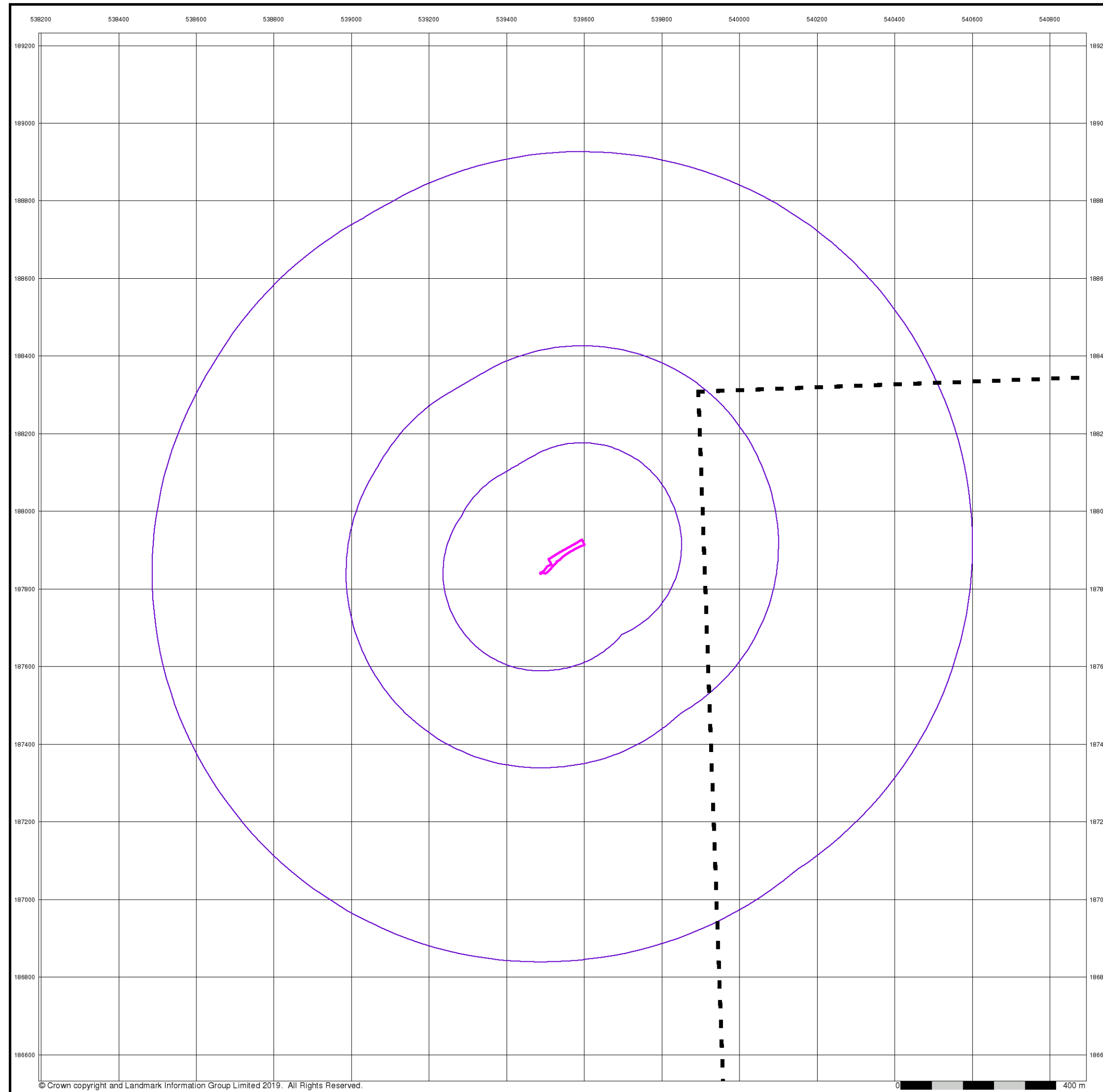
Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

## Site Details

Site at 539540, 187890

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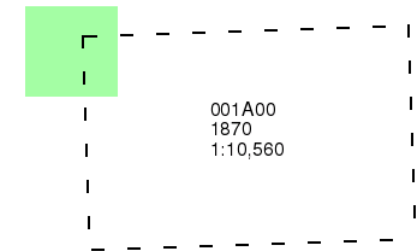
## Kent

Published 1870

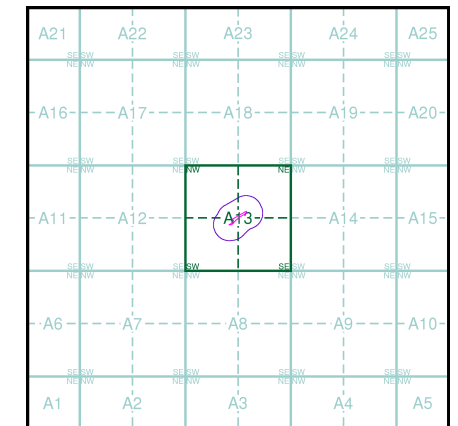
Source map scale - 1:10,560

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

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



### Historical Map - Slice A

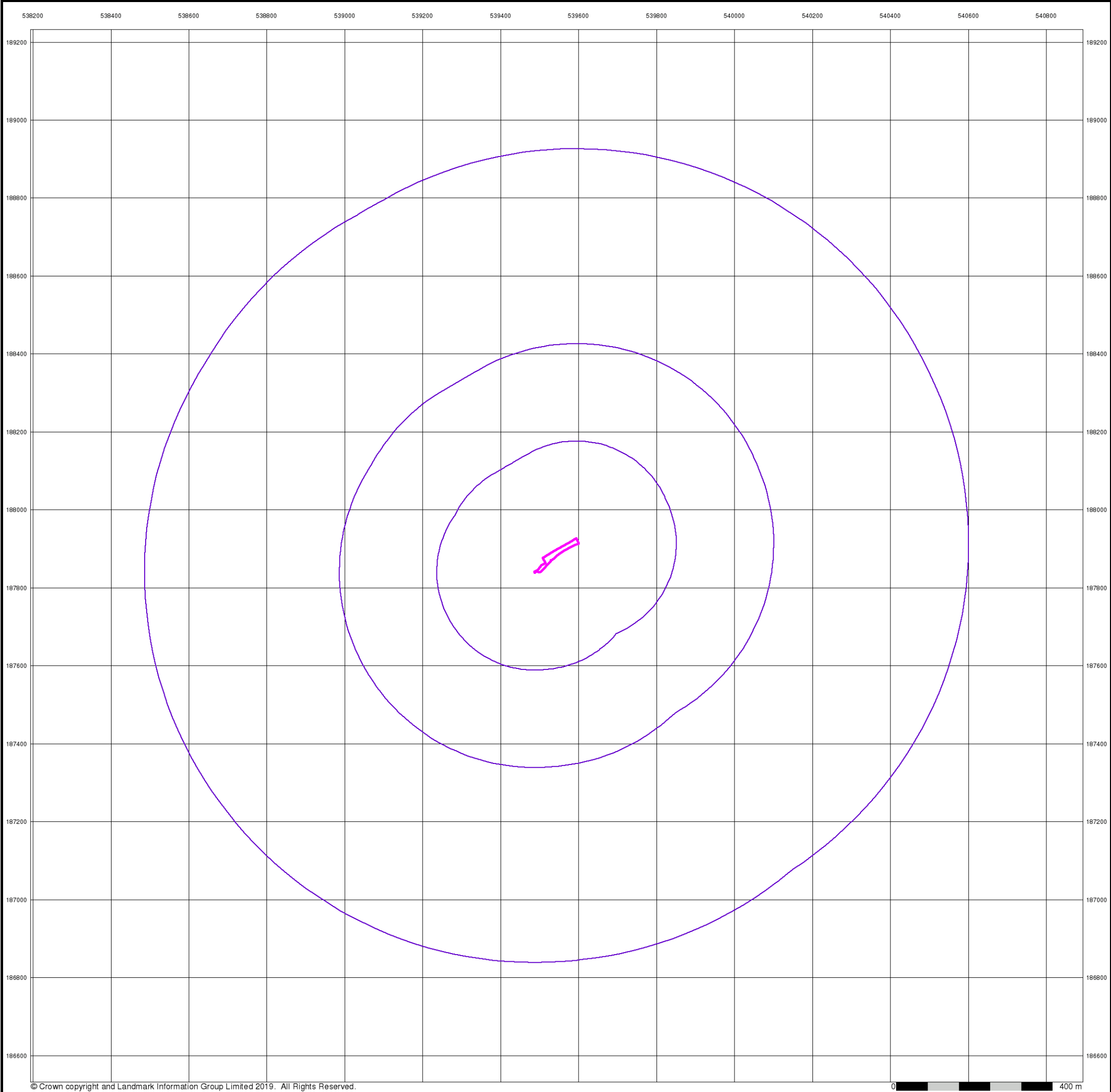


### Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

### Site Details

Site at 539540, 187890



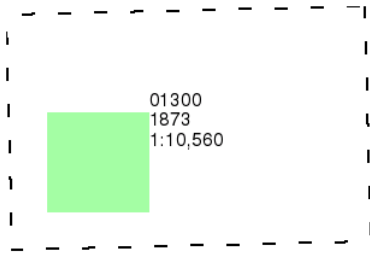
Middlesex

Published 1873

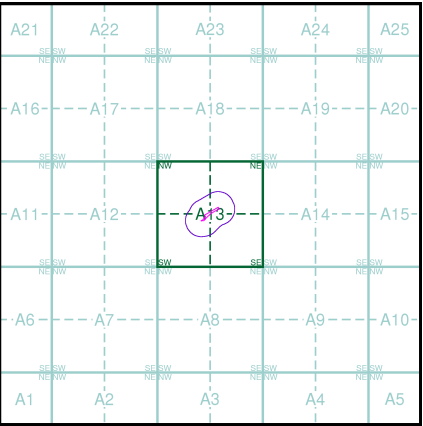
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:

Customer Ref:

National Grid Reference:

Slice:

Site Area (Ha):

Search Buffer (m):

194807670\_1\_1

14022366 - Leyton Road

539540, 187880

A

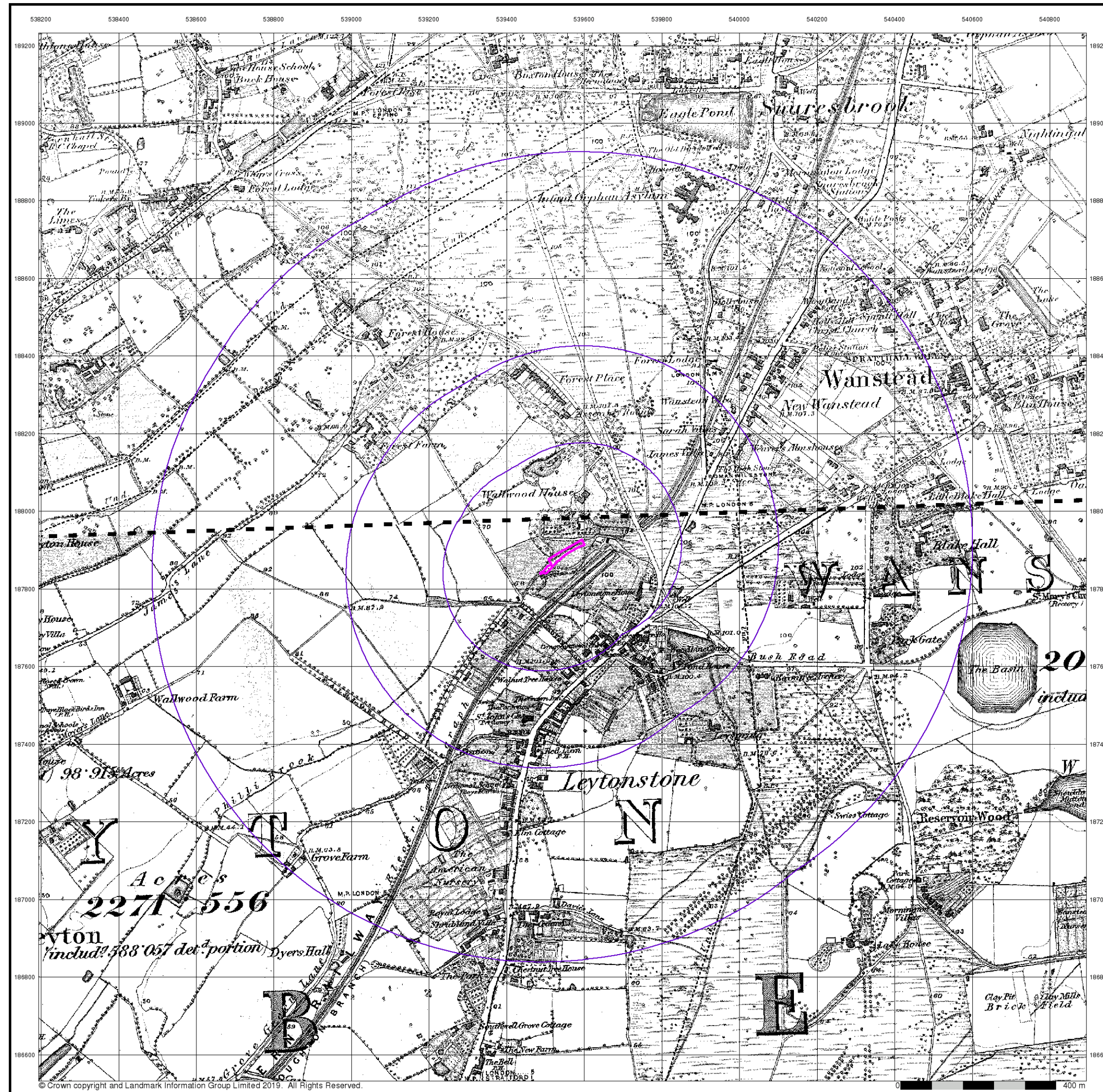
0.17

1000

Site Details

Site at 539540, 187890





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Essex

Published 1873 - 1876

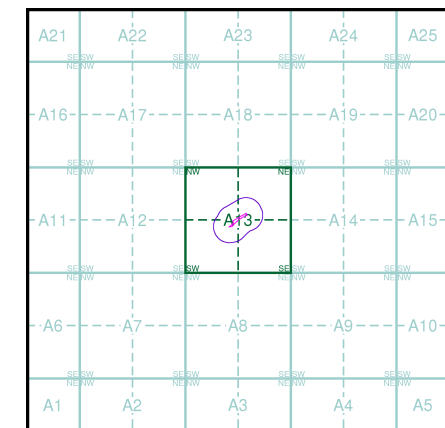
Source map scale - 1:10,560

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

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

06500
1876
1:10,560
07300
1873
1:10,560

## Historical Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
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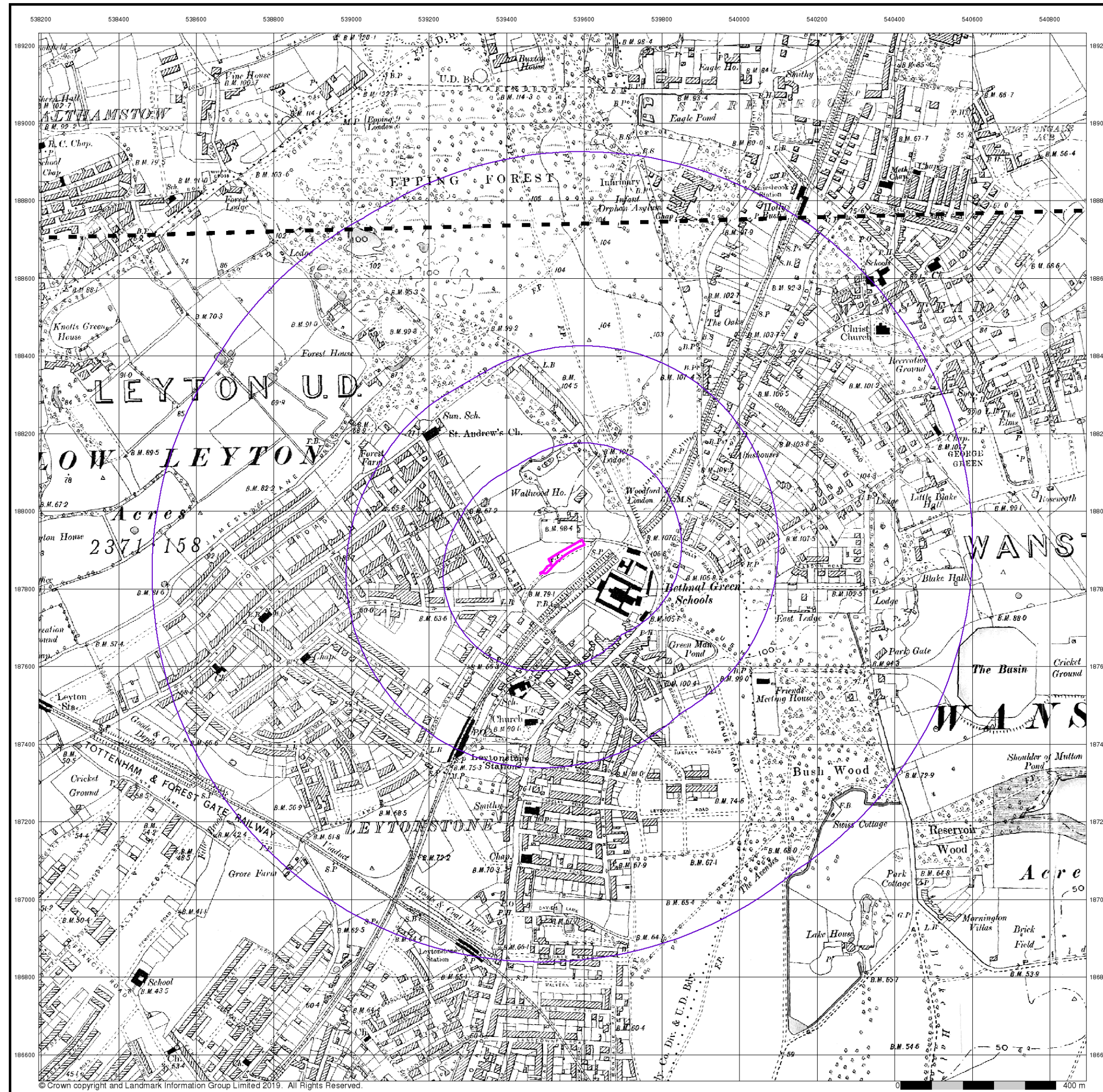
## Site Details

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London

Published 1896

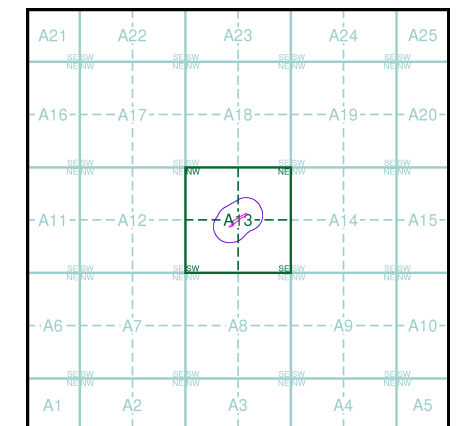
Source map scale - 1:10,560

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

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

004NW 1896 1:10,560
004SW 1896 1:10,560

## Historical Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

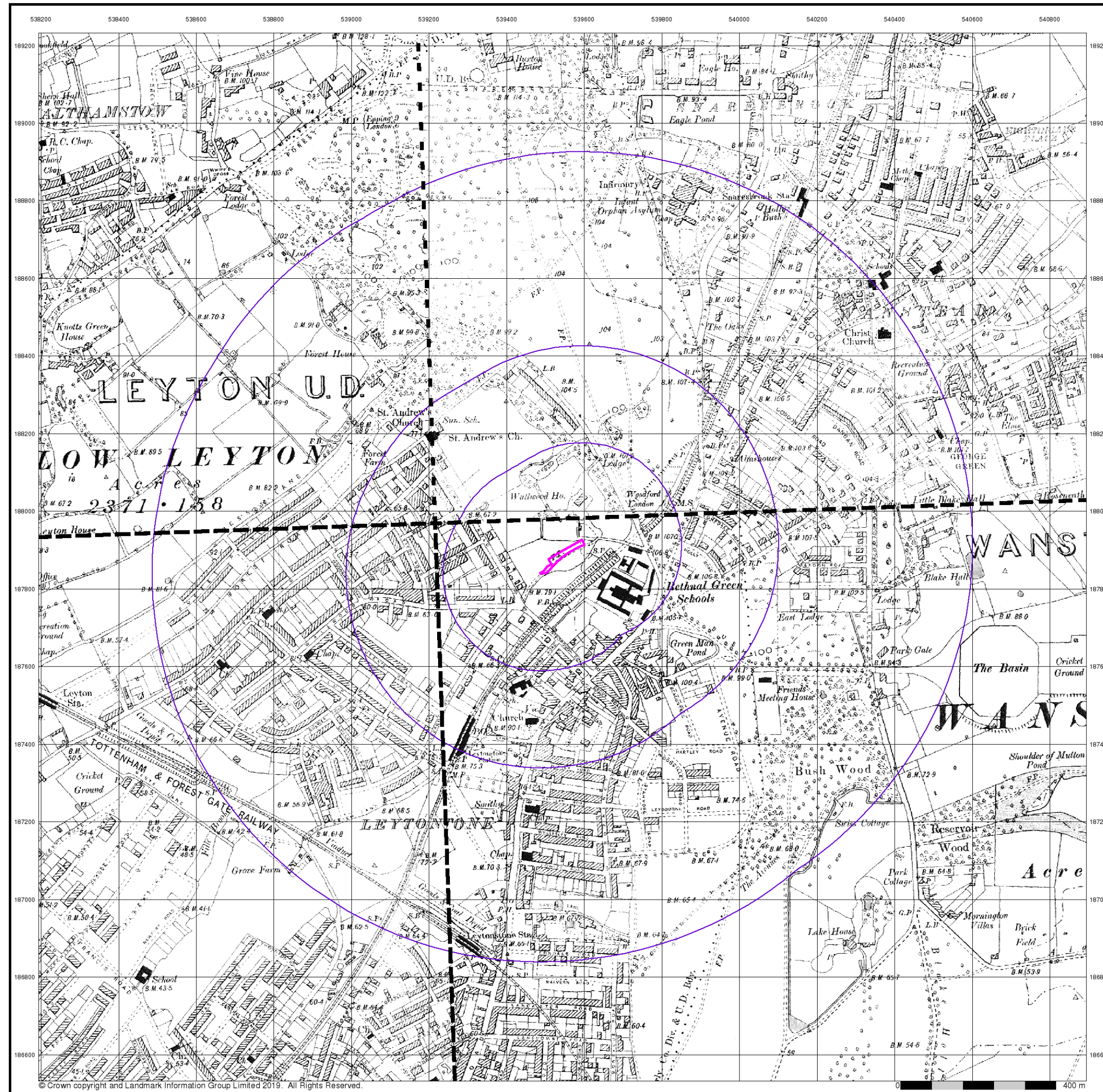
## Site Details

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# Envirocheck®

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Essex

Published 1898 - 1899

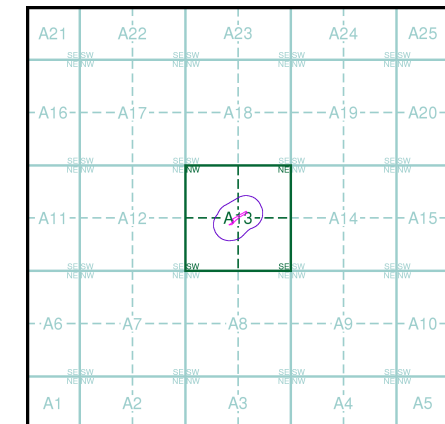
Source map scale - 1:10,560

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

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

065SW 1898 1:10,560	065SE 1898 1:10,560
073NW 1899 1:10,560	073NE 1898 1:10,560

## Historical Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

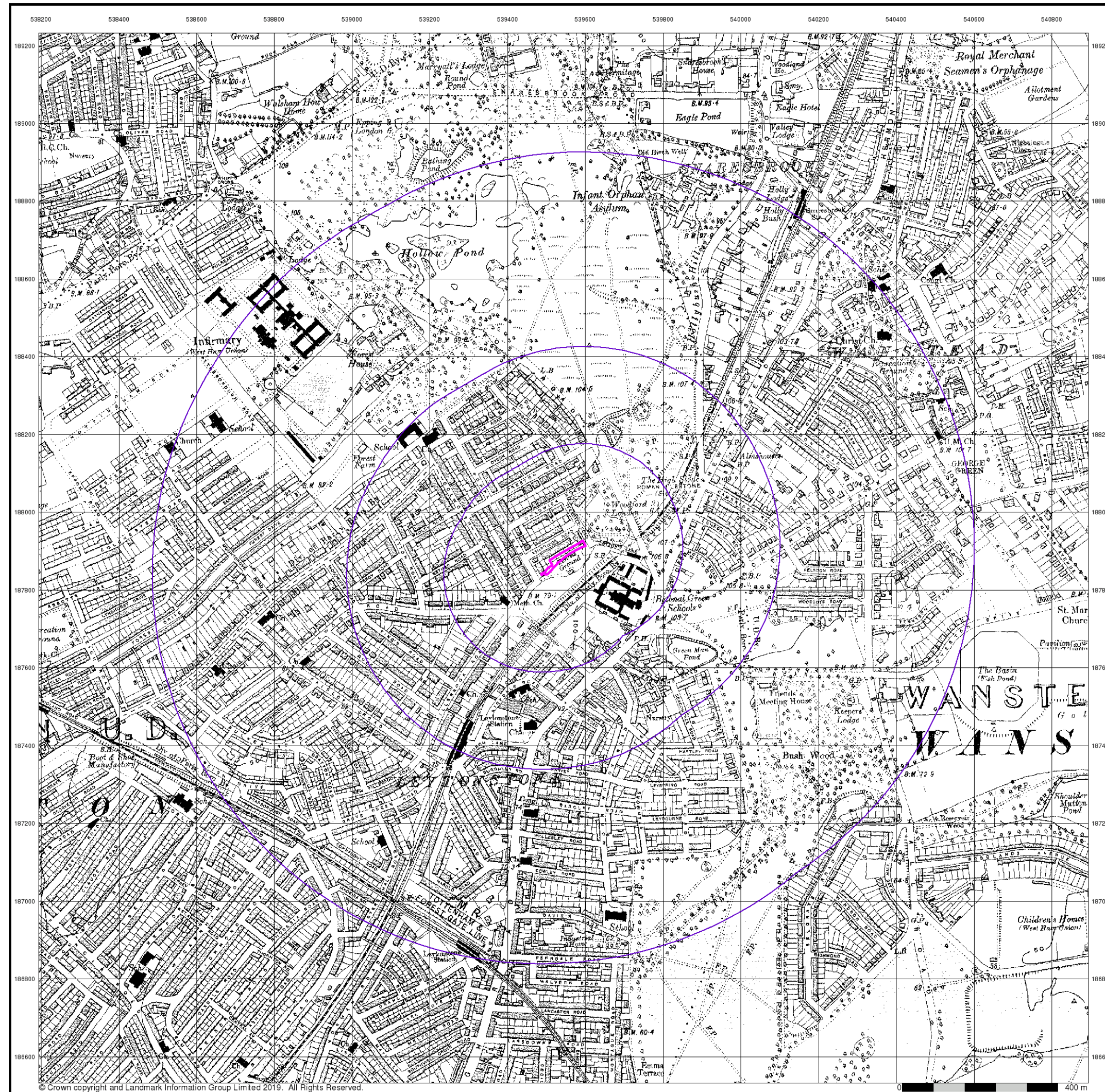
## Site Details

Site at 539540, 187890

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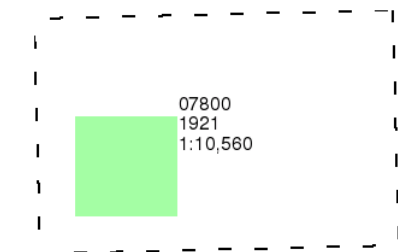
Essex

Published 1921

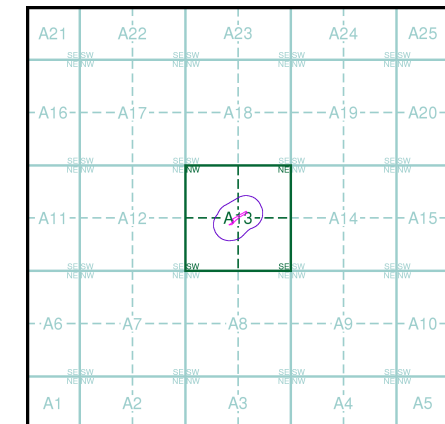
Source map scale - 1:10,560

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

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



## Historical Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

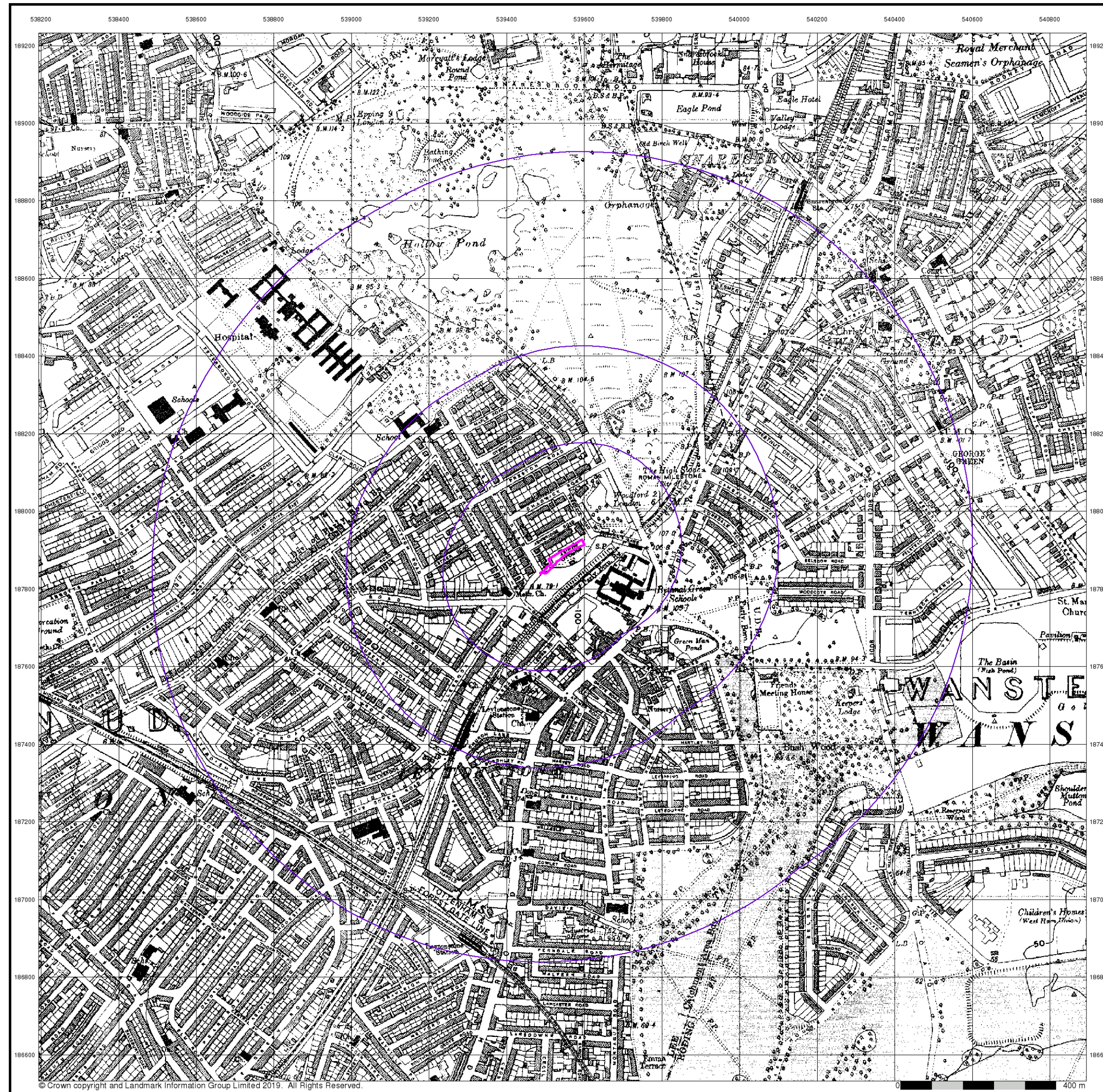
## Site Details

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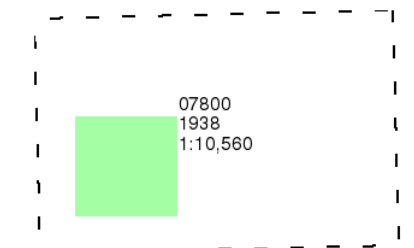
Essex

Published 1938

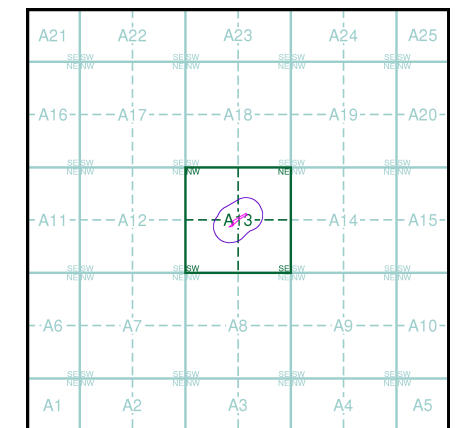
Source map scale - 1:10,560

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

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



## Historical Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

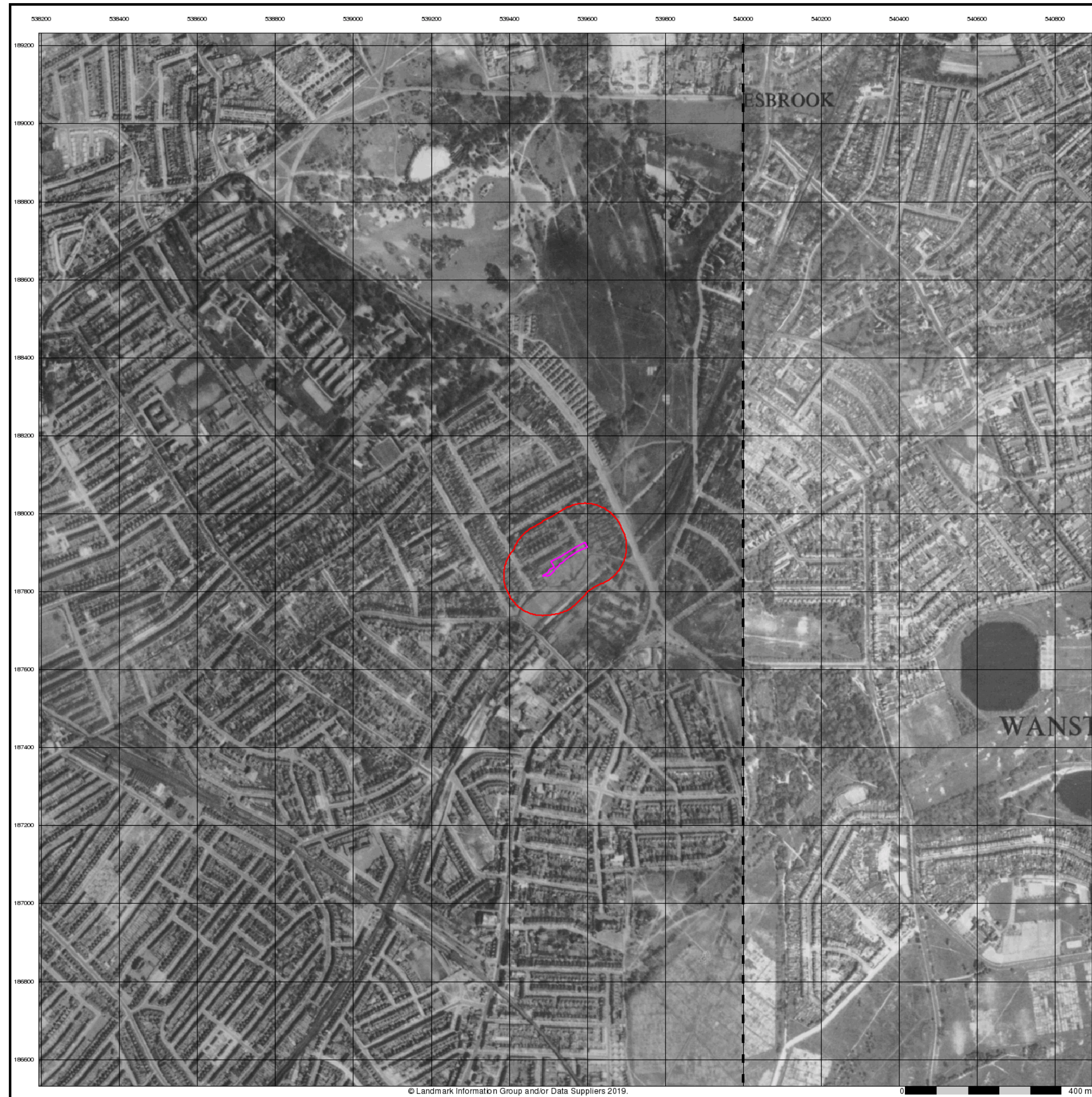
## Site Details

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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 re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)

TC38NE  
1949  
1:10,560

TC48NW  
1949  
1:10,560

Historical Aerial Photography - Slice A

A21A22A23A24A25

A16A17A18A19A20

A11A12A13A14A15

A6A7A8A9A10

A1A2A3A4A5

N

LIBRARY  
HSILIRB

Order Details

Order Number:

194807670\_1\_1

Customer Ref:

14022366 - Leyton Road

National Grid Reference:

539540, 187880

Slice:

A

Site Area (Ha):

0.17

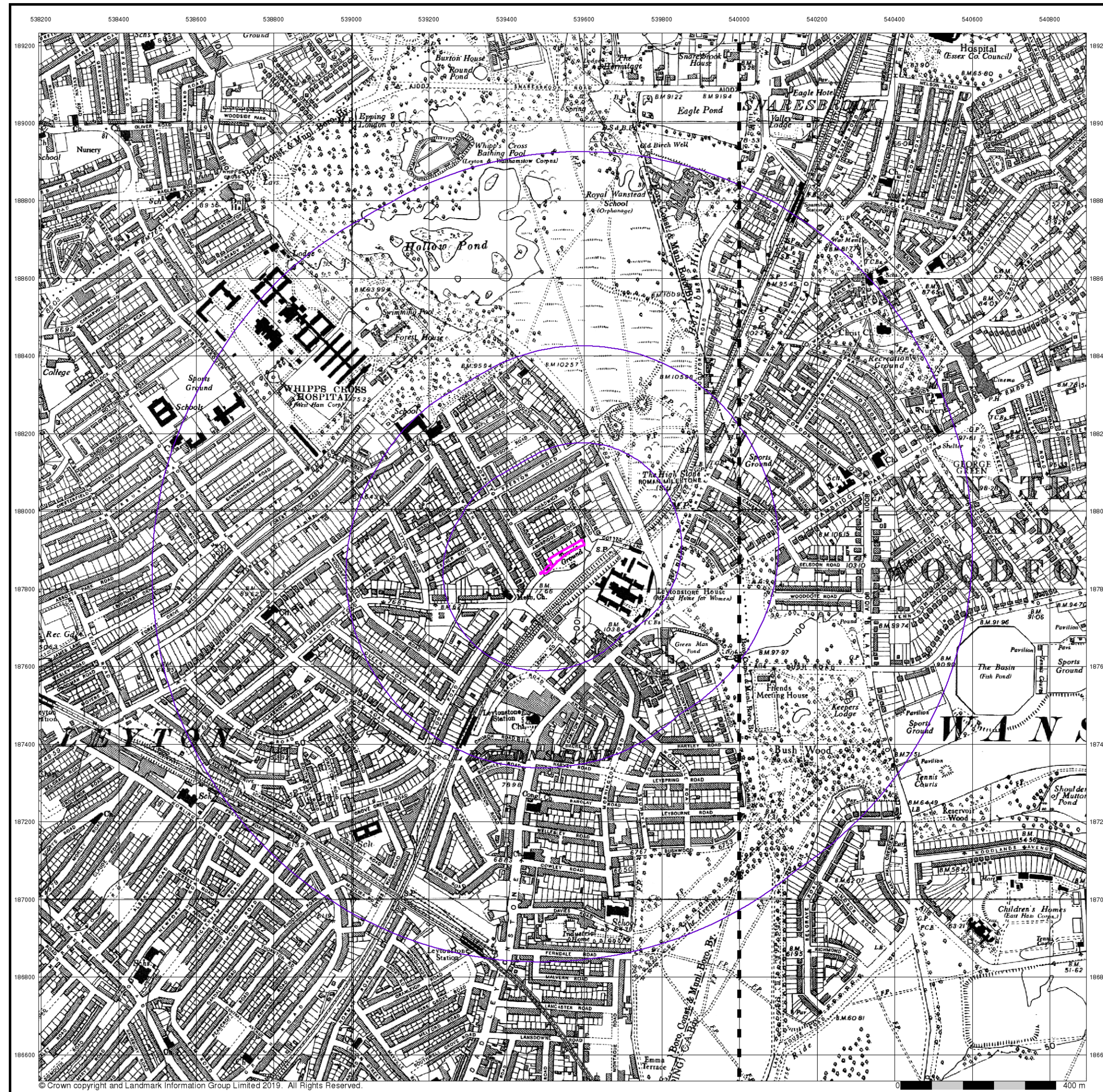
Search Buffer (m):

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Site at 539540, 187890





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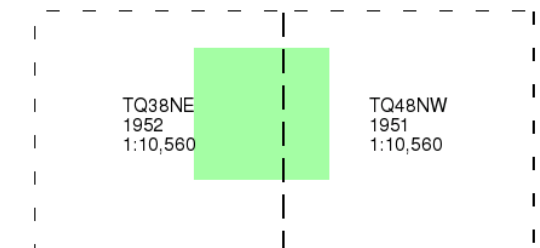
## Ordnance Survey Plan

Published 1951 - 1952

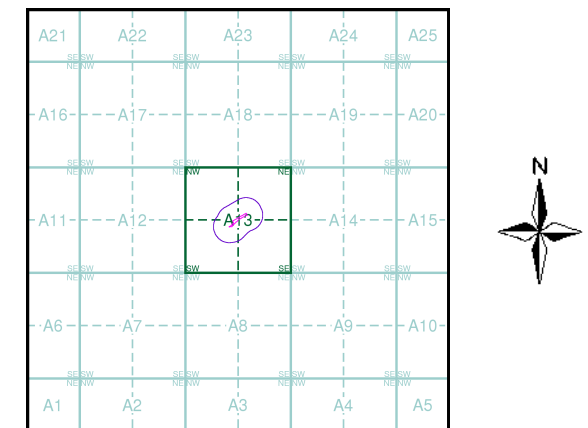
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

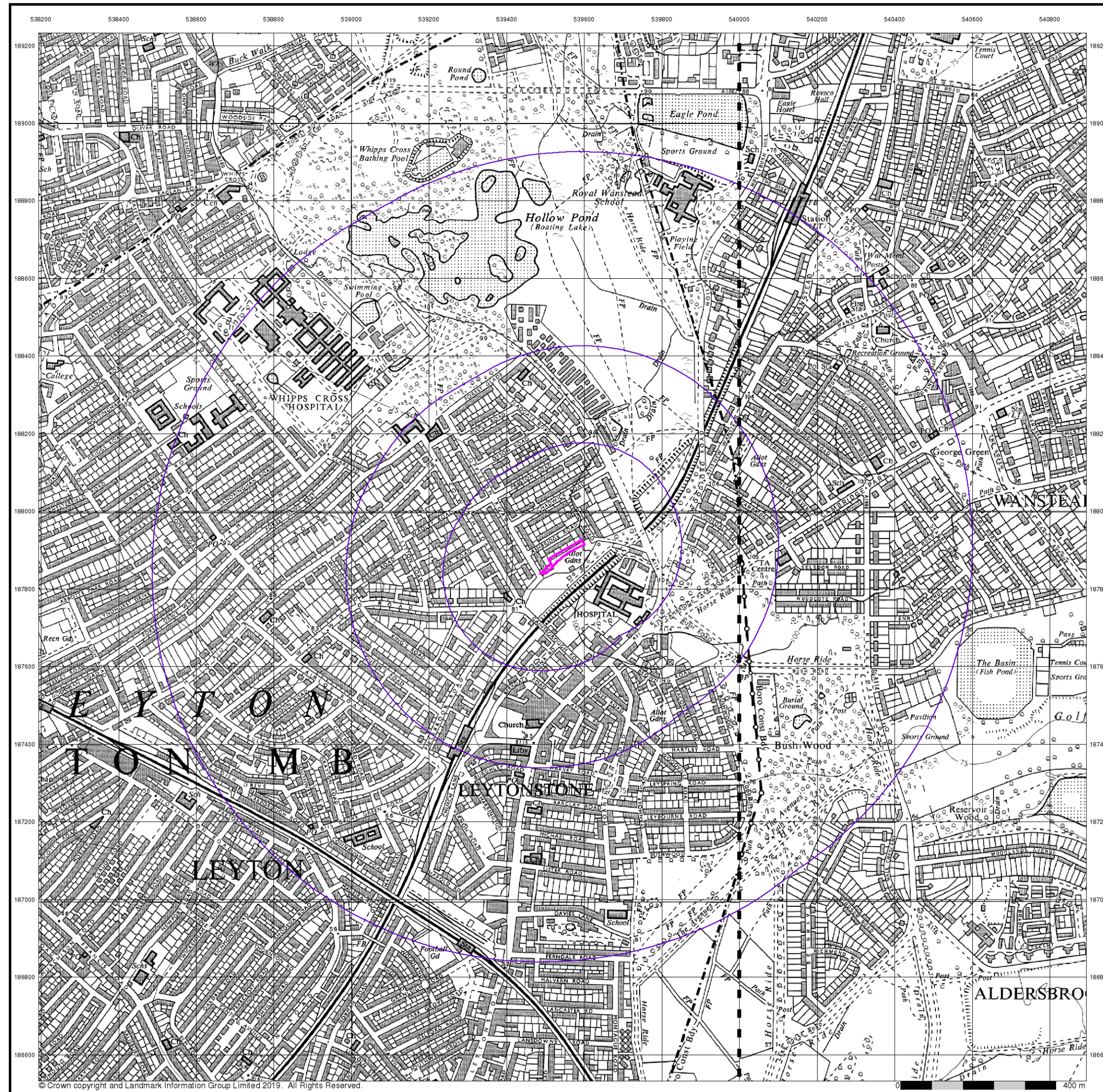
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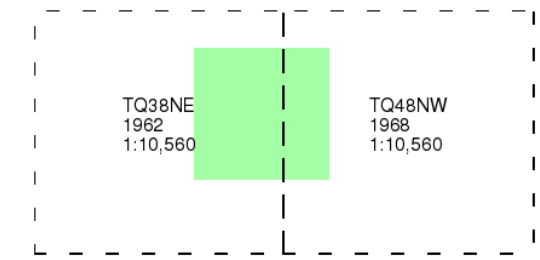
Ordnance Survey Plan

Published 1962 - 1968

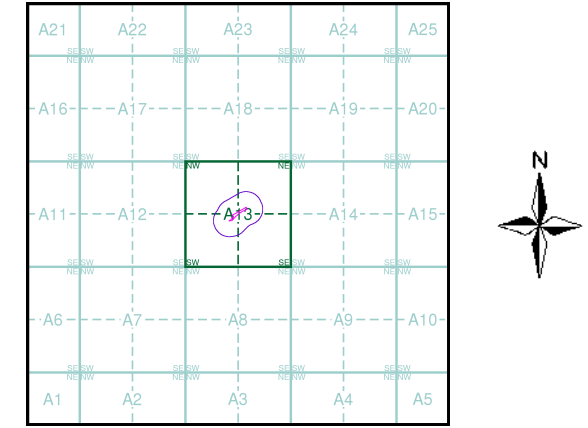
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 194807670\_1\_1

Customer Ref: 14022366 - Leyton Road

National Grid Reference: 539540, 187880

Slice: A

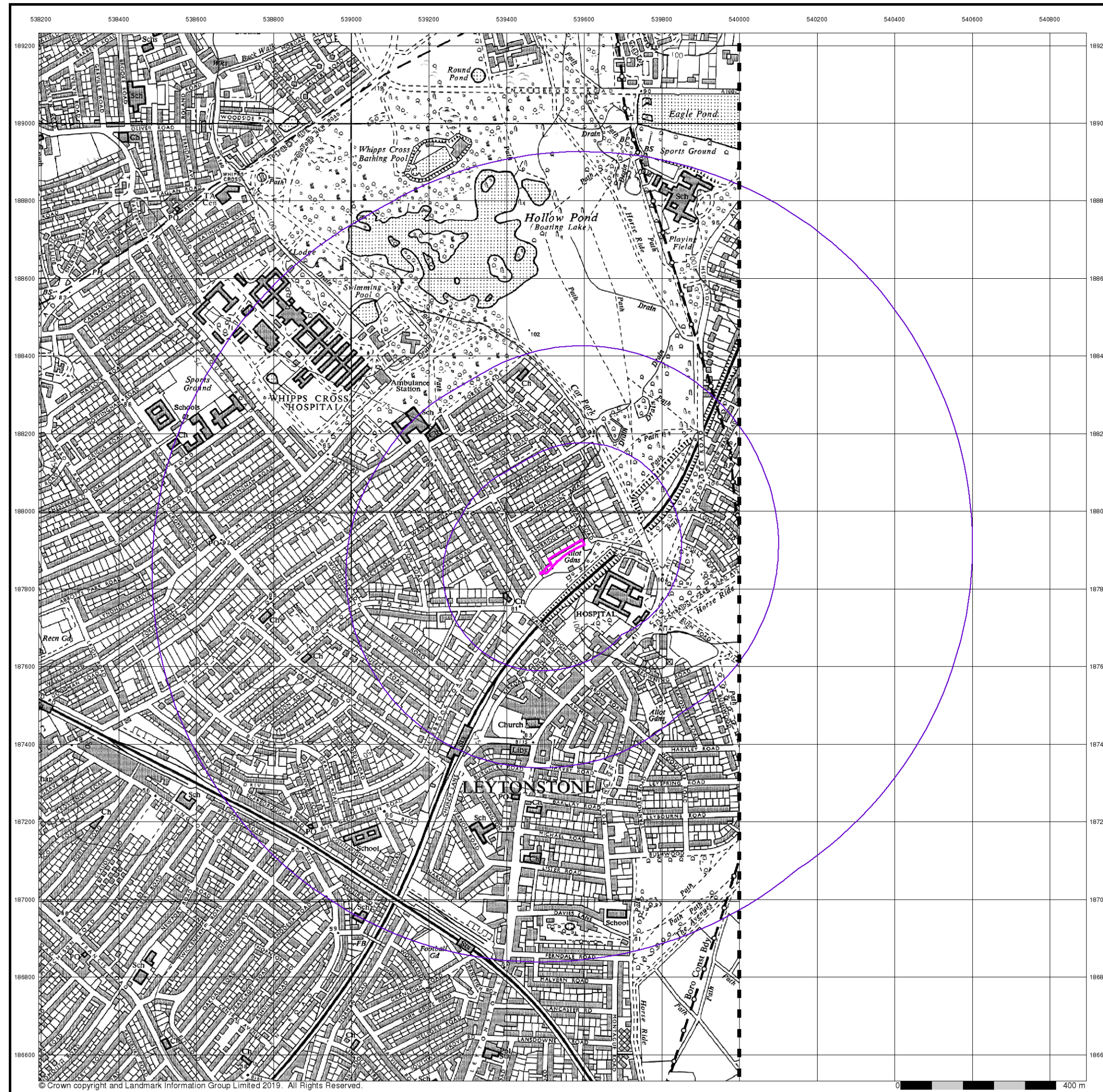
Site Area (Ha): 0.17

Search Buffer (m): 1000

Site Details

Site at 539540, 187890





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0 400 m

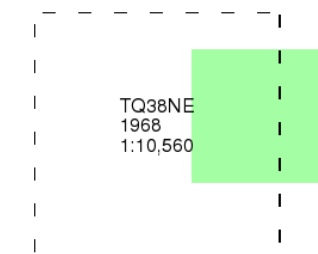
## Ordnance Survey Plan

Published 1968

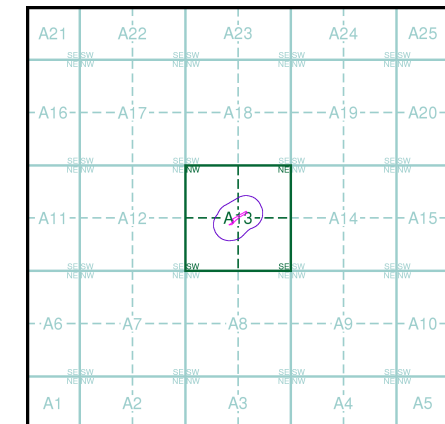
Source map scale - 1:10,000

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

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



### Historical Map - Slice A



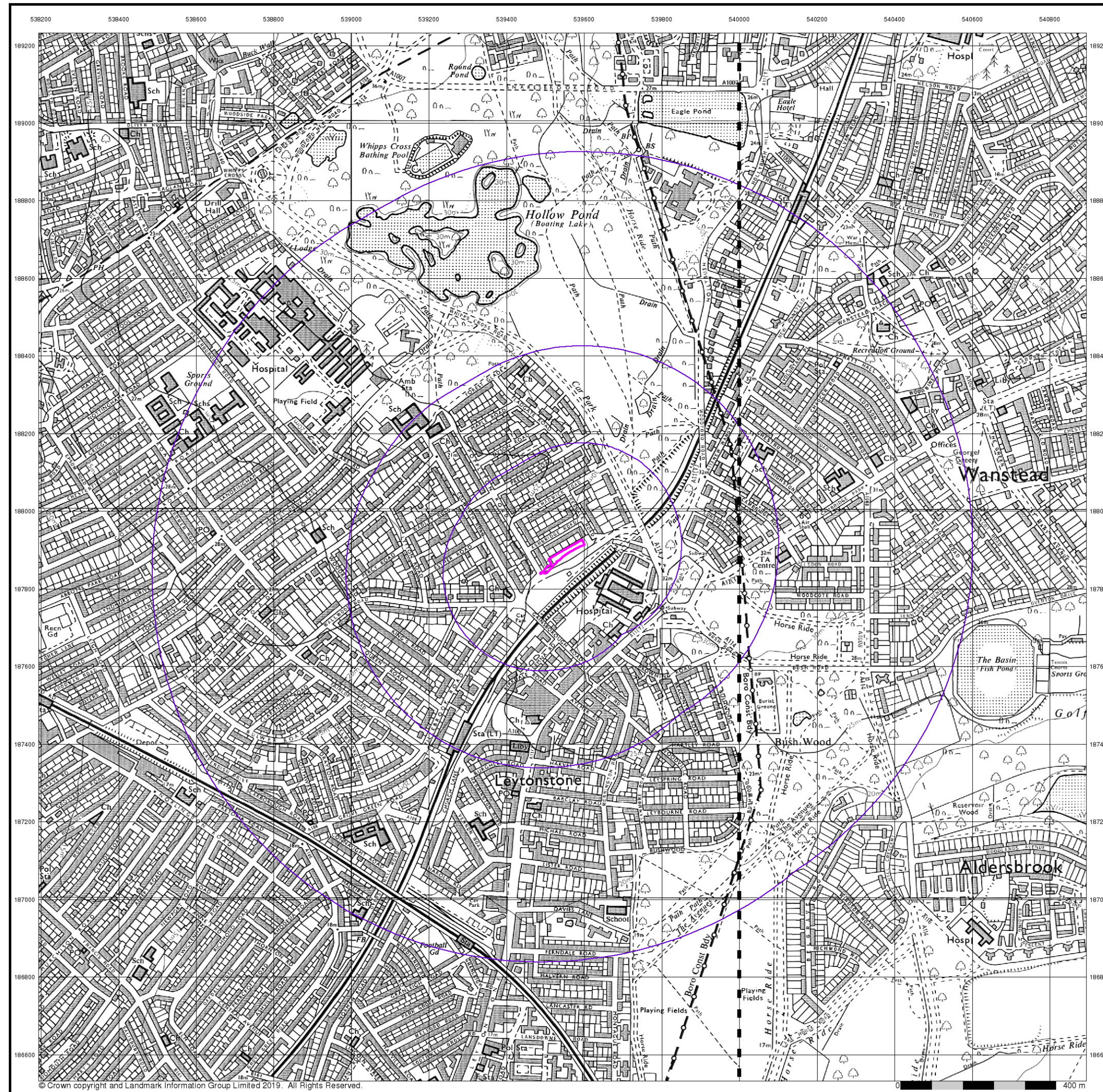
### Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

### Site Details

Site at 539540, 187890





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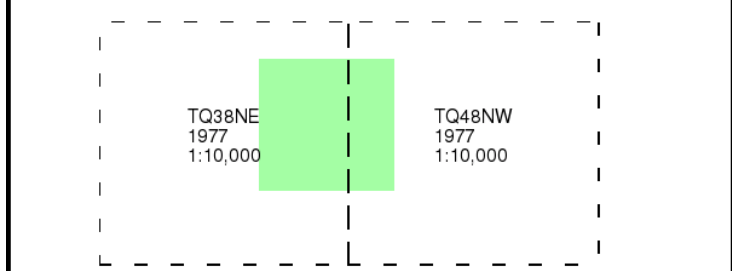
## Ordnance Survey Plan

Published 1977

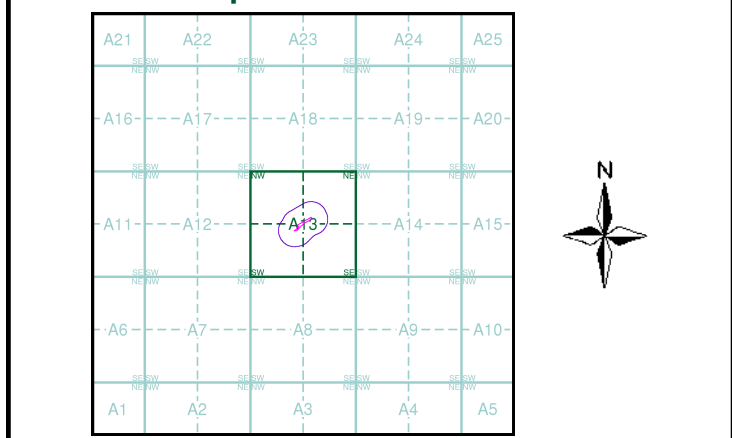
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

## Site Details

Site at 539540, 187890



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## London

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

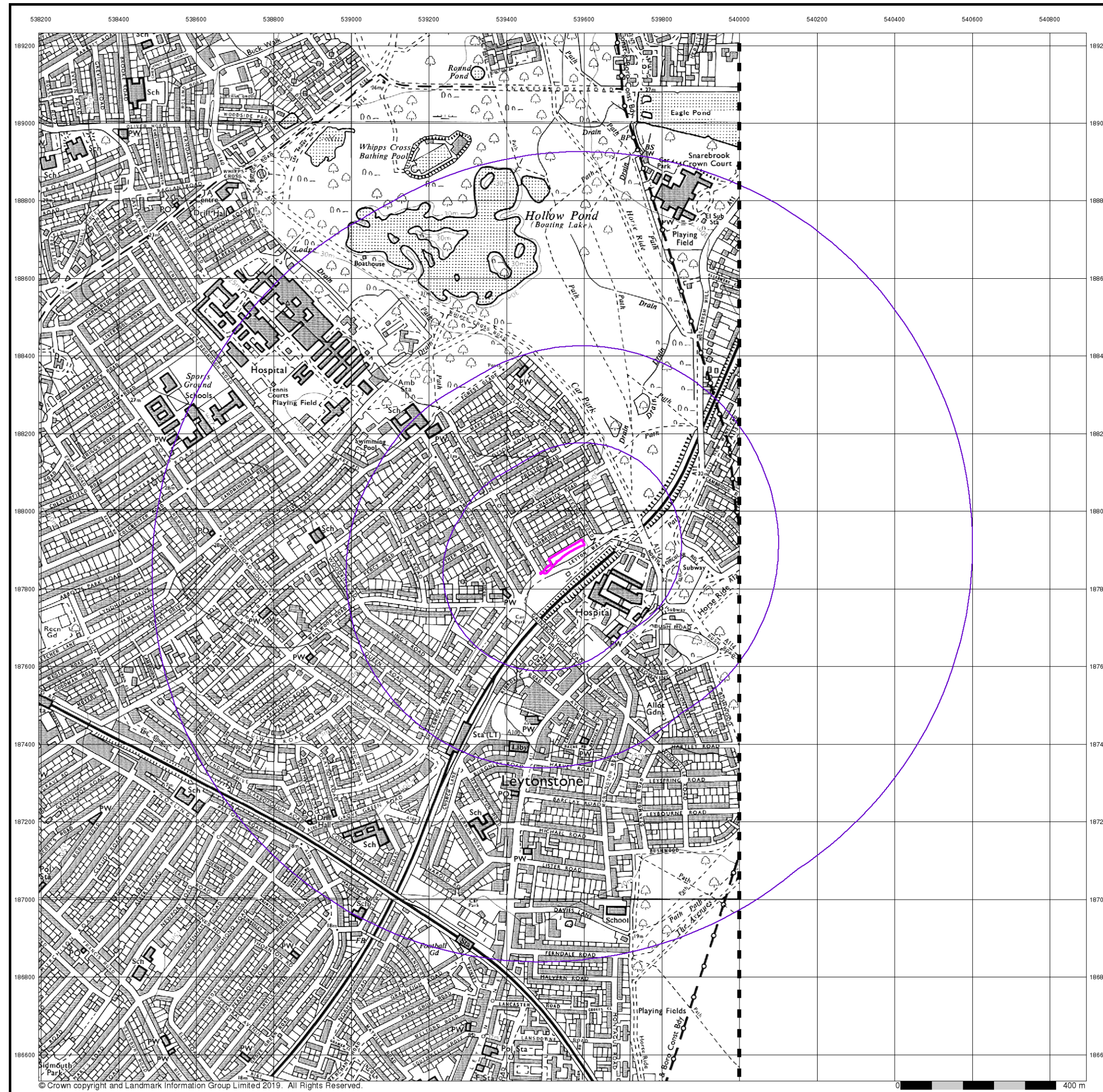
### Russian Map - Slice A



## Order Details

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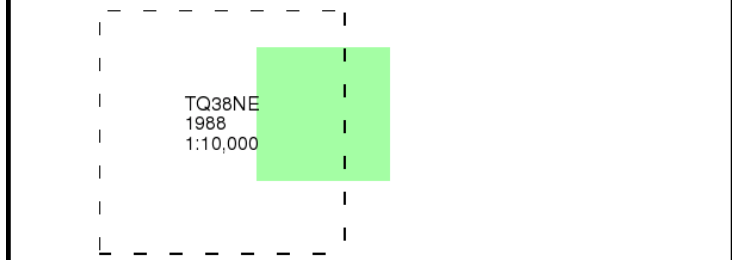
## Ordnance Survey Plan

Published 1988

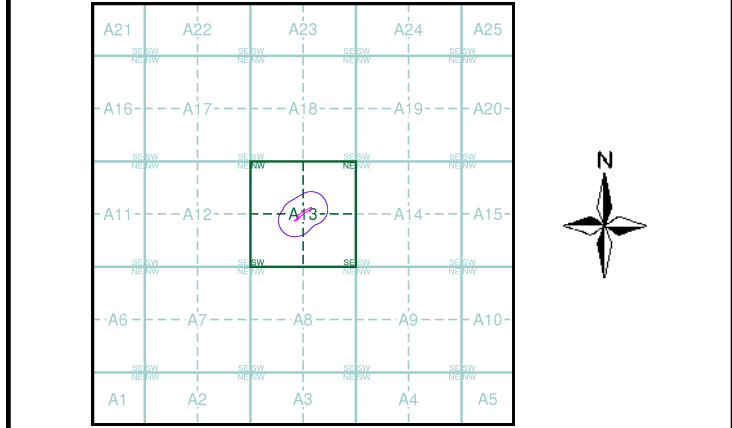
Source map scale - 1:10,000

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

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



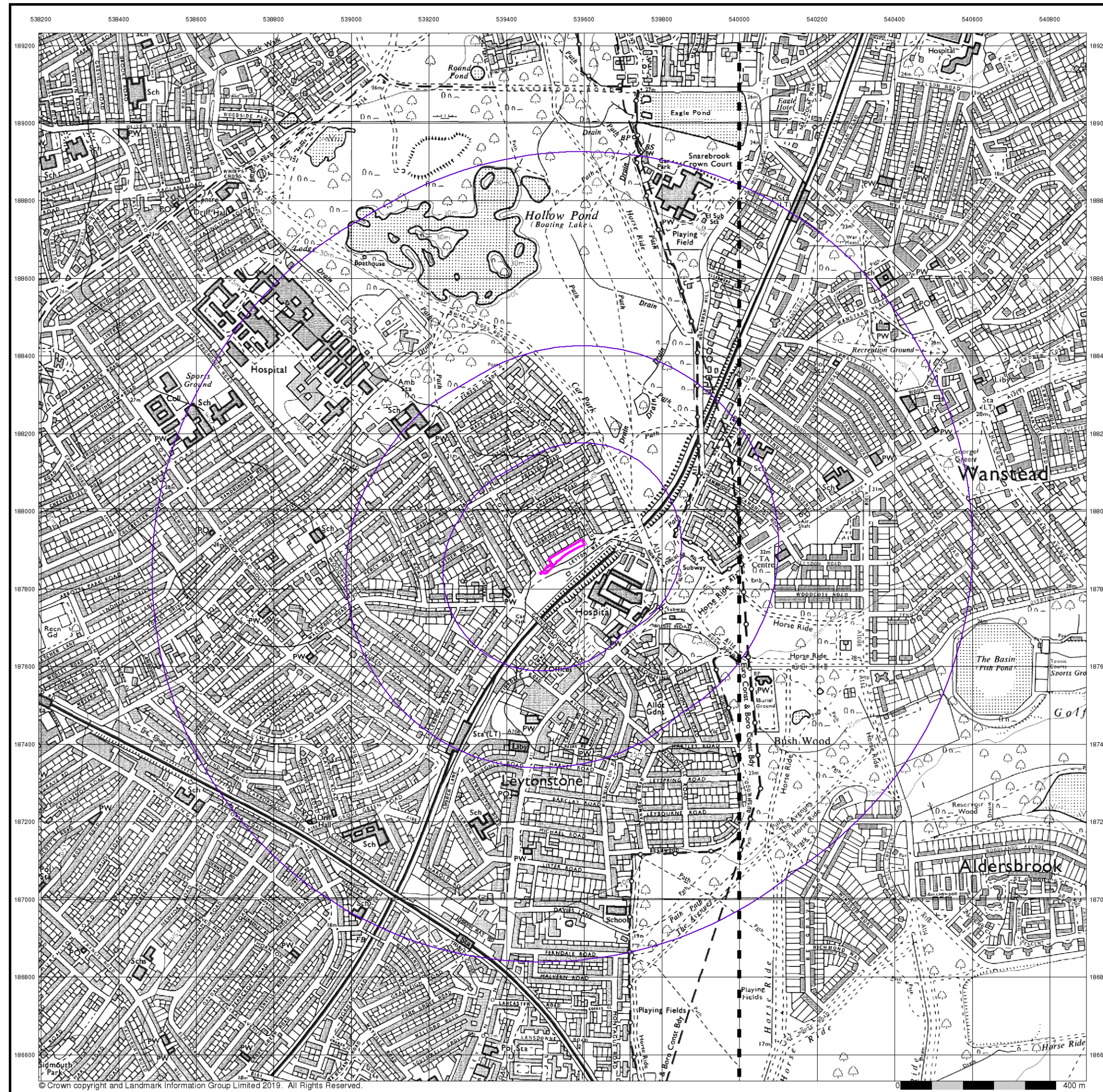
### Historical Map - Slice A



**Order Details**  
Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

**Site Details**  
Site at 539540, 187890





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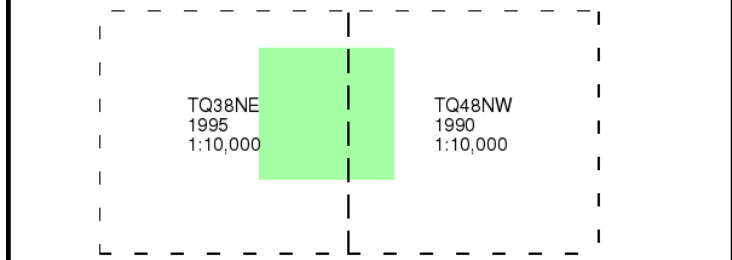
# Envirocheck®

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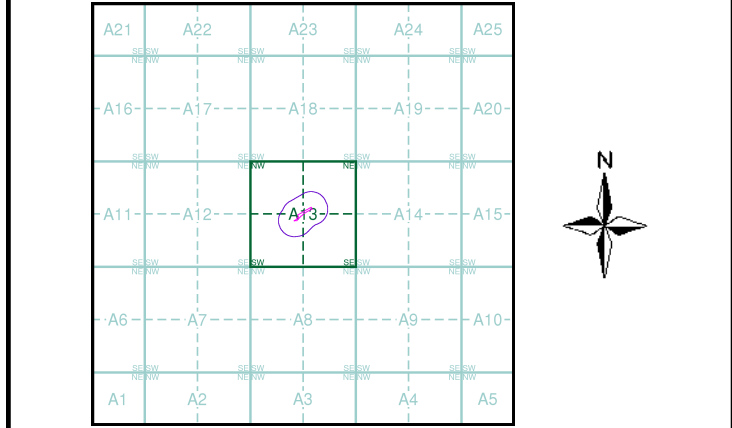
**Ordnance Survey Plan**  
**Published 1990 - 1995**  
**Source map scale - 1:10,000**

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

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



## Historical Map - Slice A

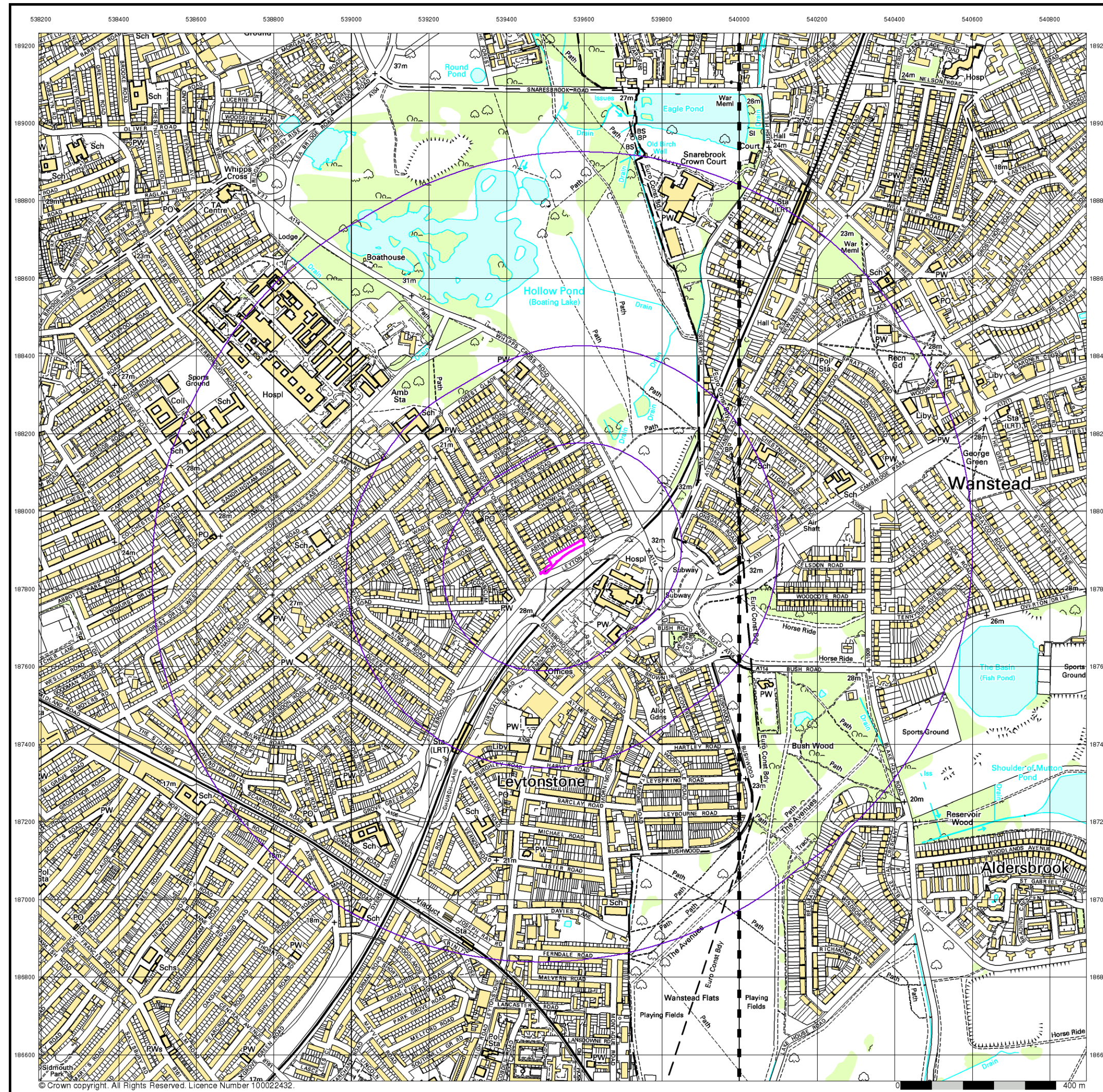


**Order Details**  
Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

**Site Details**  
Site at 539540, 187890

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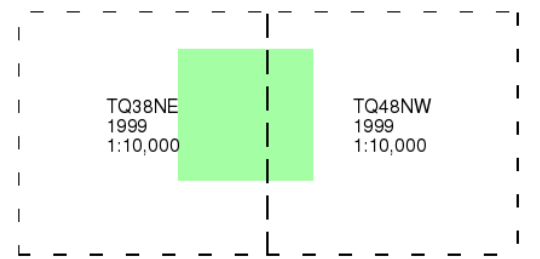
# Envirocheck®

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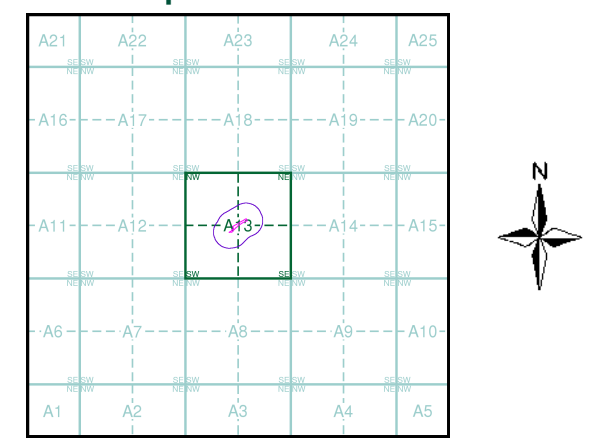
**10k Raster Mapping**  
**Published 1999**  
**Source map scale - 1:10,000**

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

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



## Historical Map - Slice A

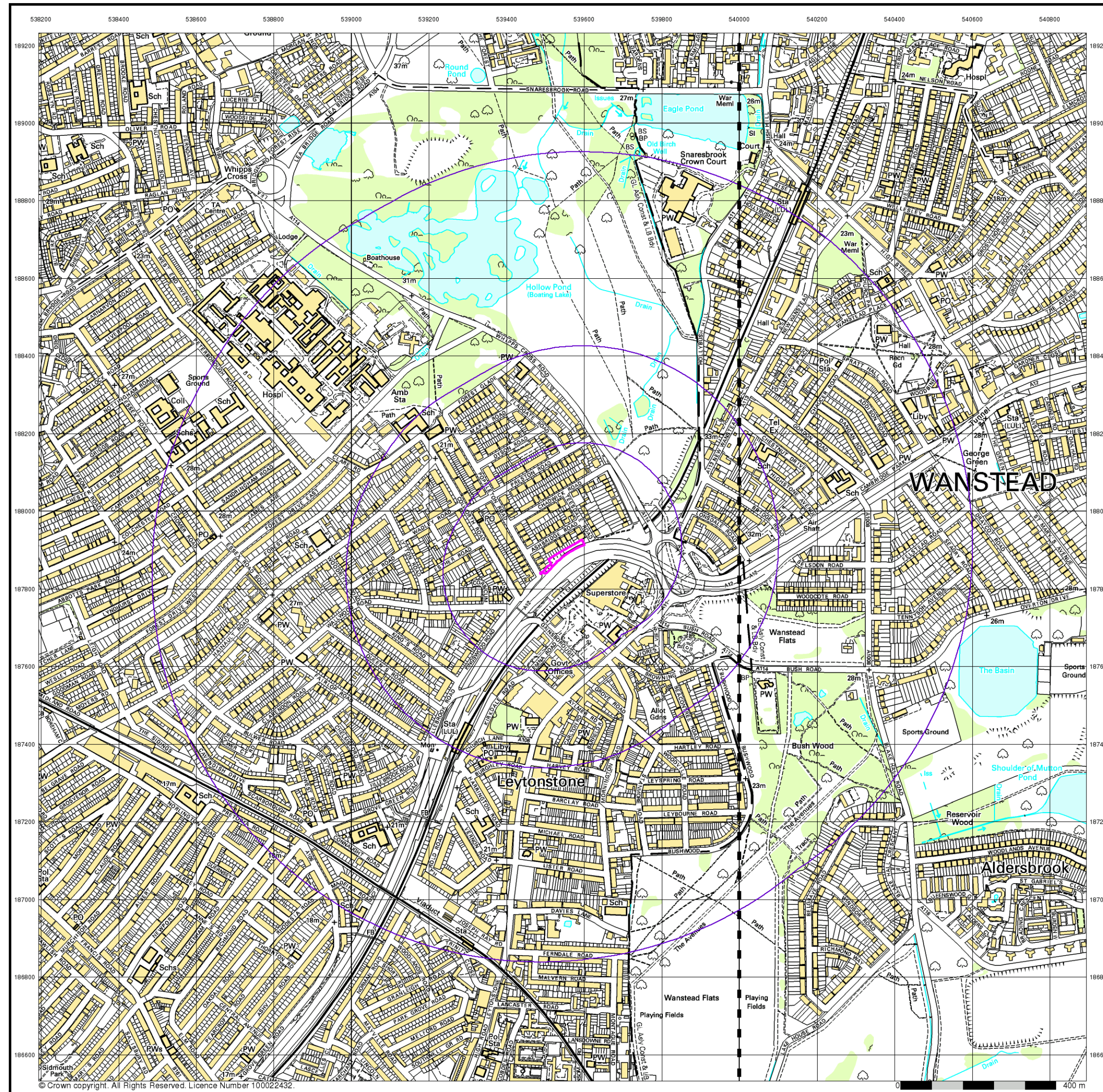


**Order Details**  
Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

**Site Details**  
Site at 539540, 187890

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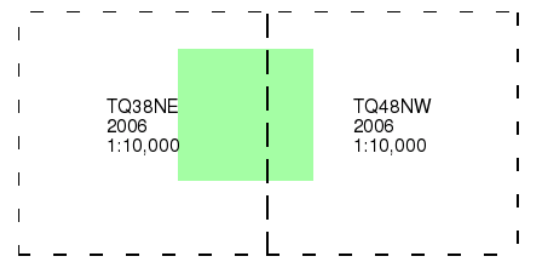
## 10k Raster Mapping

Published 2006

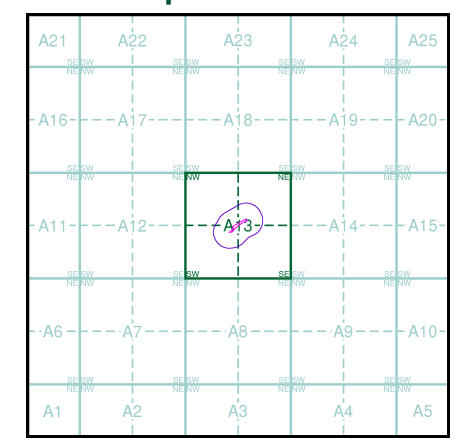
Source map scale - 1:10,000

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

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



### Historical Map - Slice A



### Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

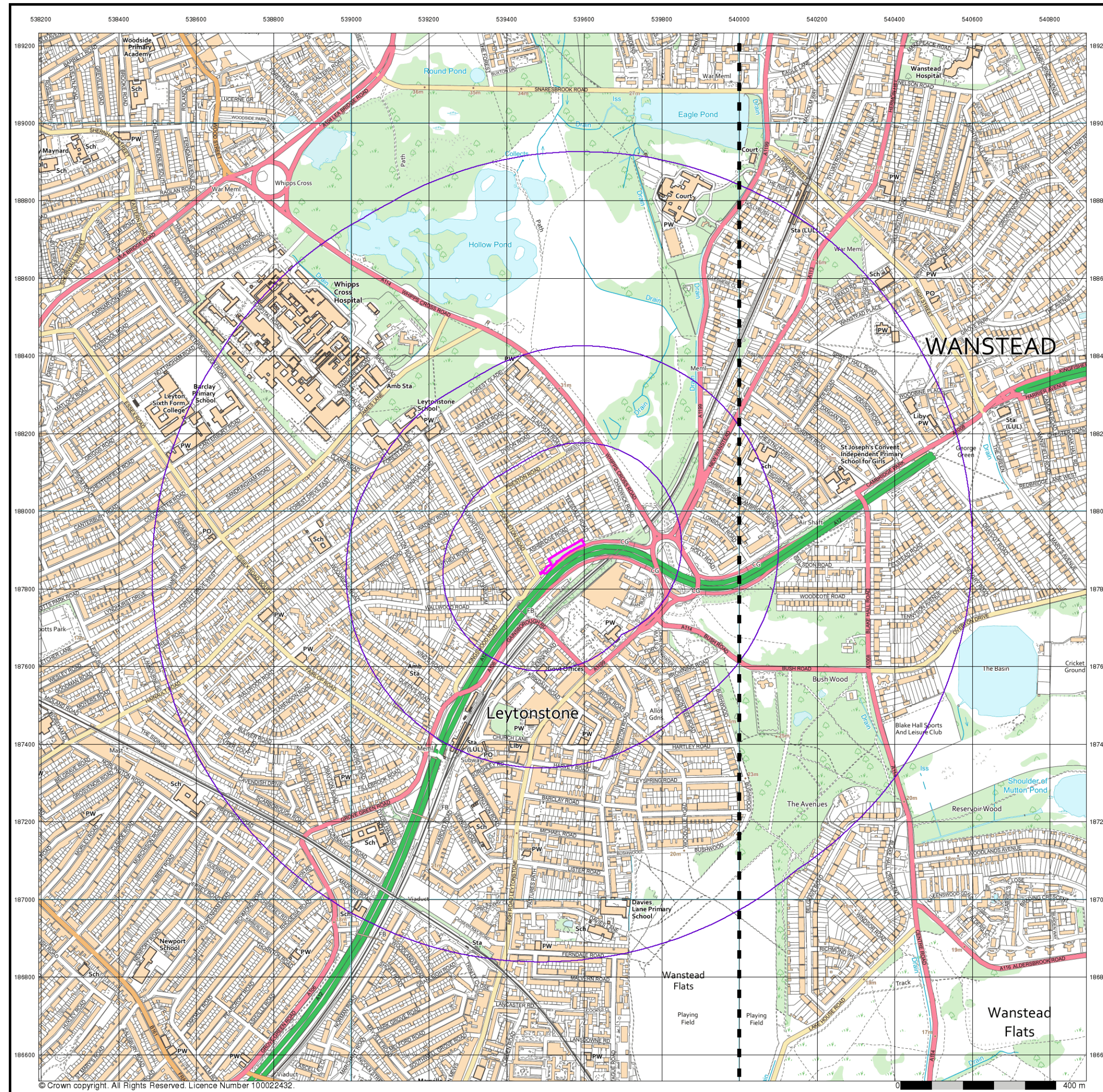
### Site Details

Site at 539540, 187890

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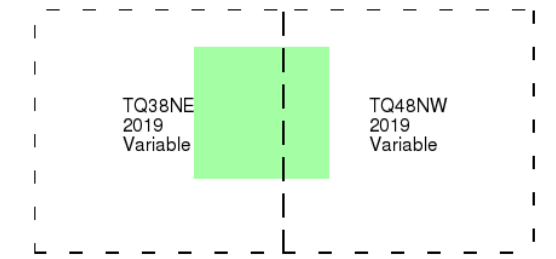
## VectorMap Local

Published 2019

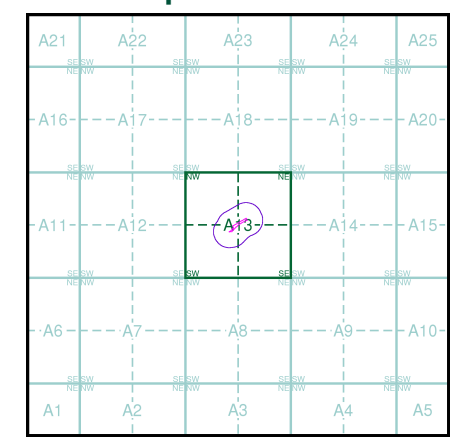
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

## Site Details

Site at 539540, 187890

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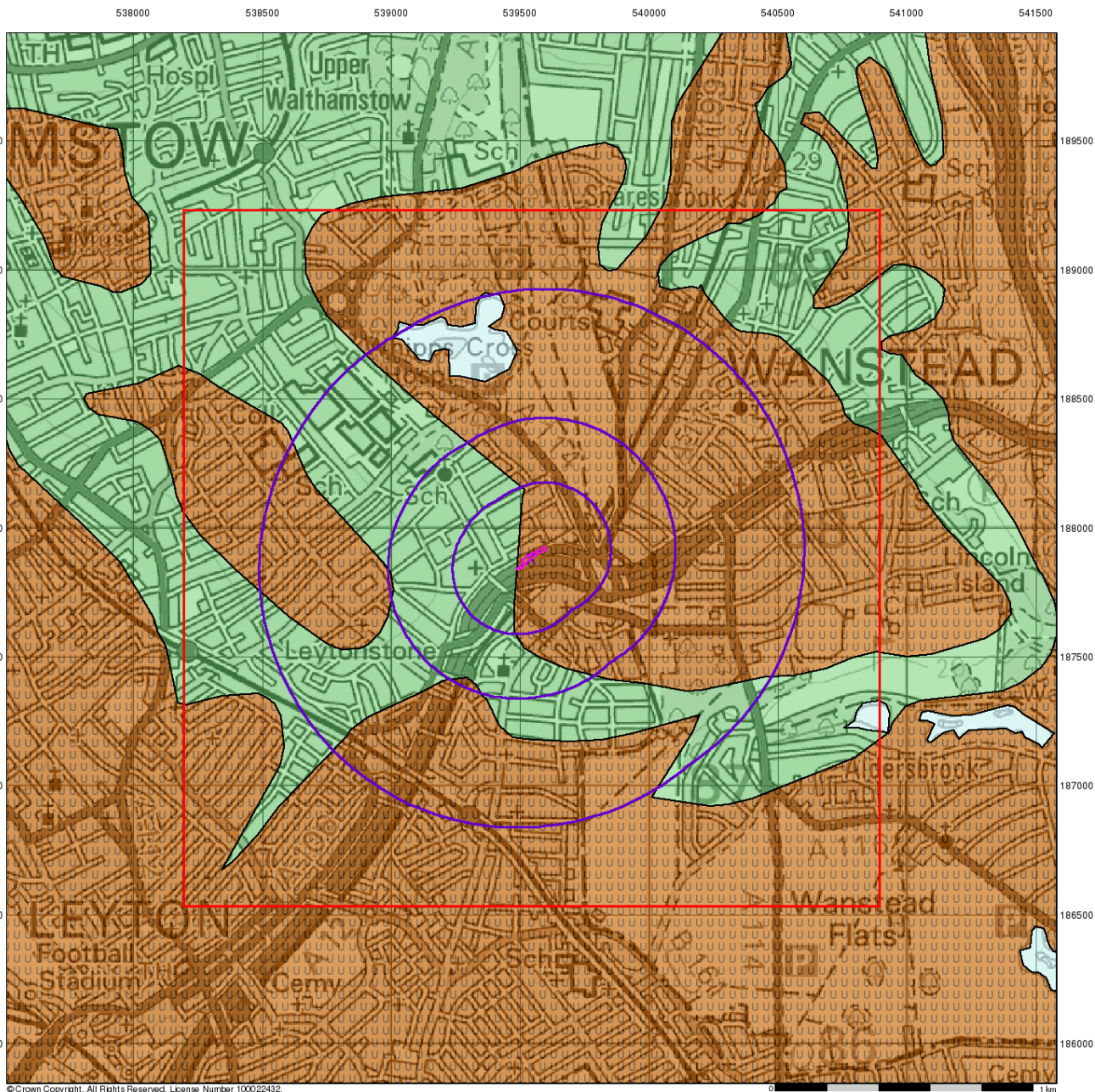
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## **APPENDIX B**

### **Envirocheck Data Sheets and Site Sensitivity Maps**





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## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Geological Classes

**Major Aquifer (Highly Permeable)**

**Minor Aquifer (Variably Permeable)**

**Non Aquifer (Negligibly Permeable)**

**Water or Sea**

**Drift Deposit**

#### Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

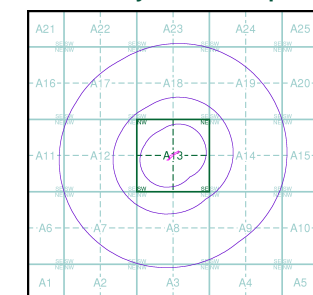
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 194807670\_1\_1  
 Customer Ref: 14022366 - Leyton Road  
 National Grid Reference: 539540, 187880  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

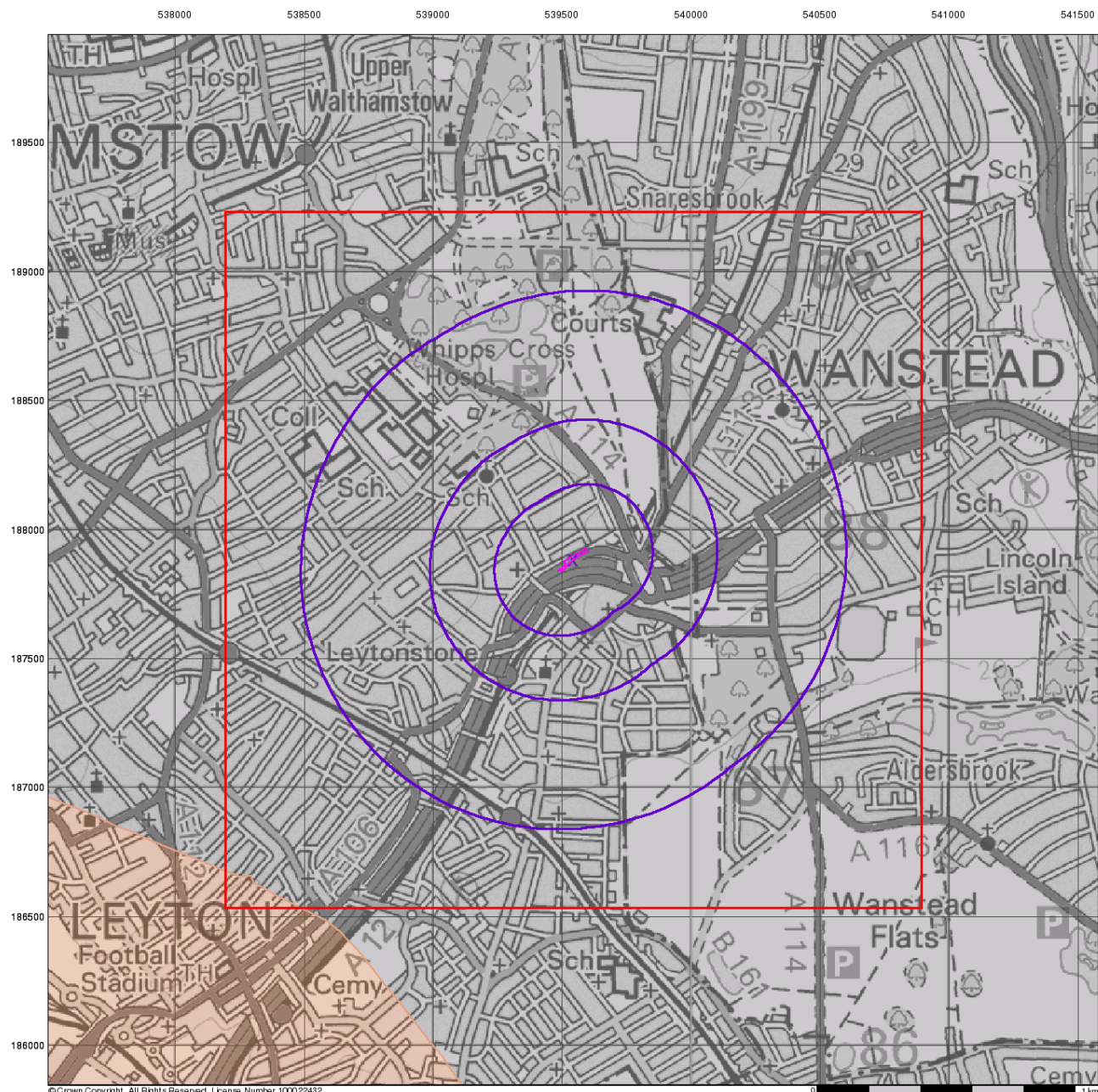
### Site Details

Site at 539540, 187890

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## Bedrock Aquifer Designation

### General

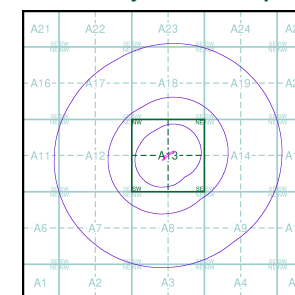
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 194807670\_1\_1  
 Customer Ref: 14022366 - Leyton Road  
 National Grid Reference: 539540, 187880  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

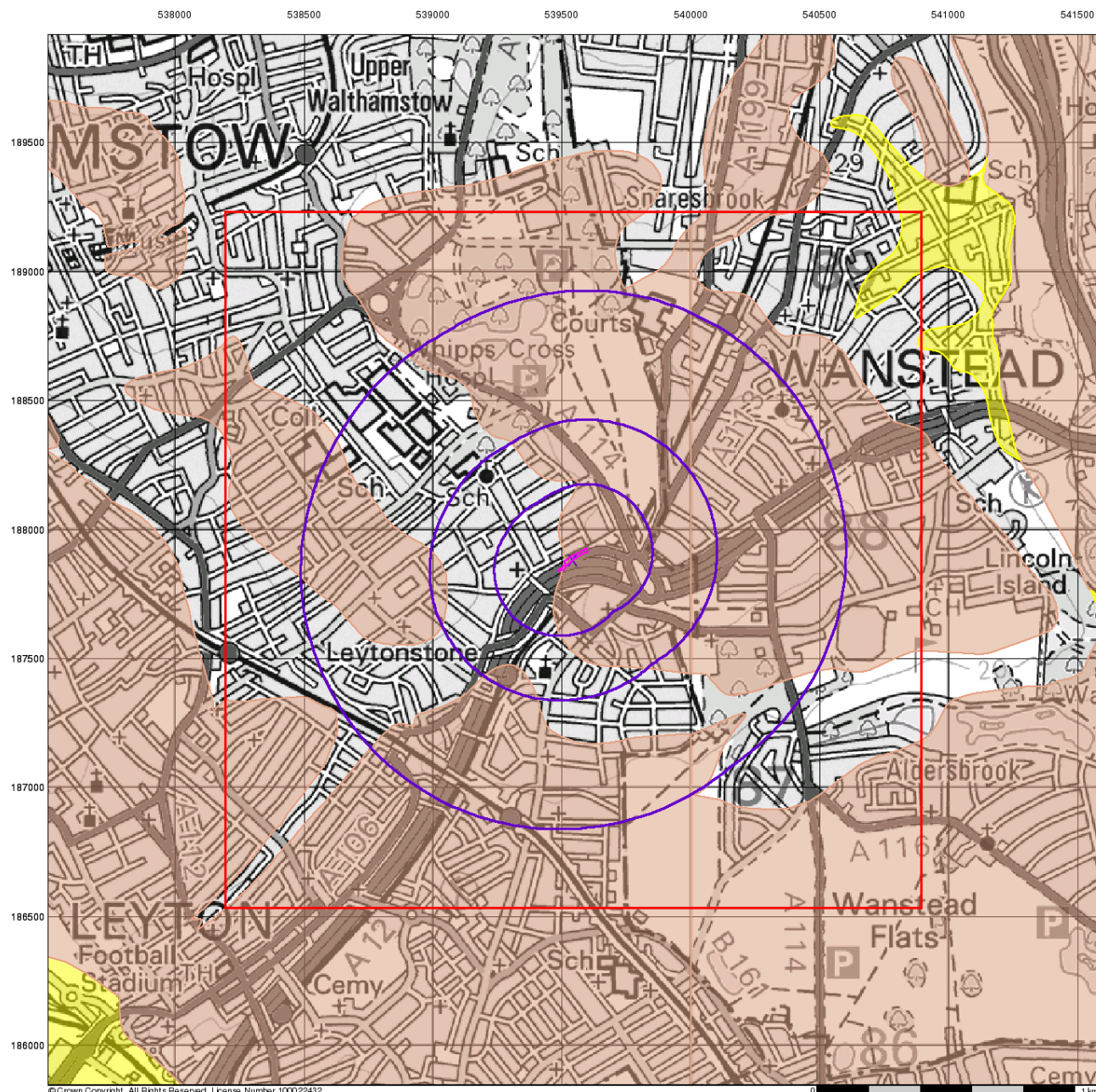
### Site Details

Site at 539540, 187890

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## Superficial Aquifer Designation

### General

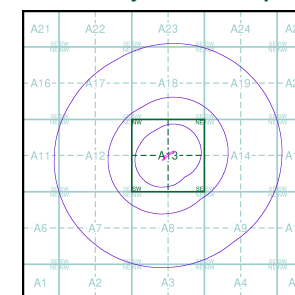
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 194807670\_1\_1  
 Customer Ref: 14022366 - Leyton Road  
 National Grid Reference: 539540, 187880  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

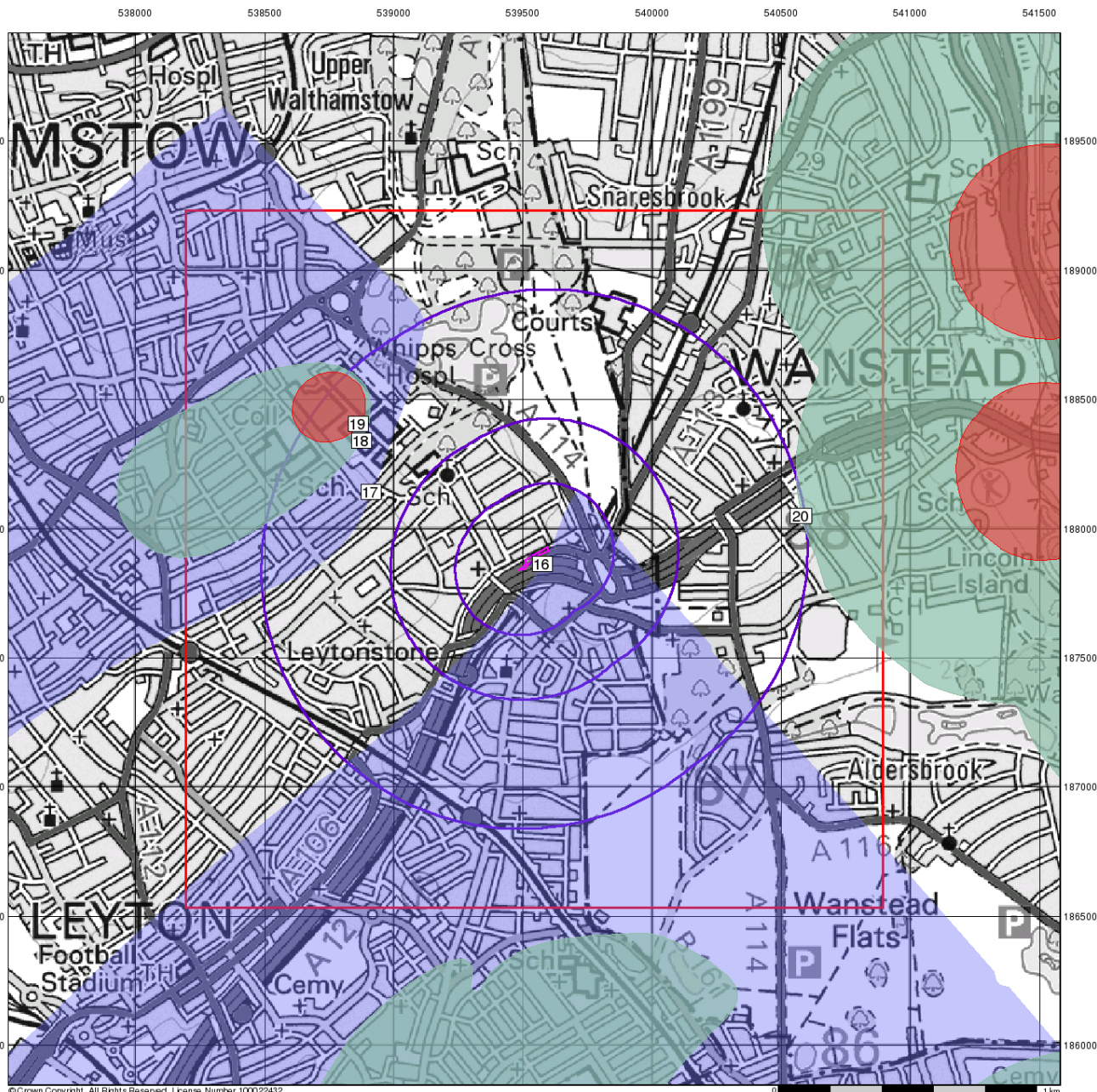
### Site Details

Site at 539540, 187890

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## Source Protection Zones

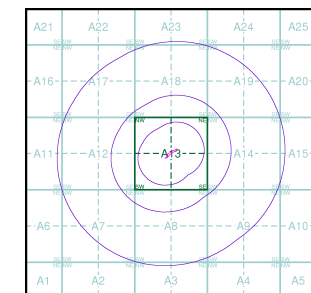
### General

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

### Agency and Hydrological

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

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 194807670\_1\_1  
 Customer Ref: 14022366 - Leyton Road  
 National Grid Reference: 539540, 187880  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

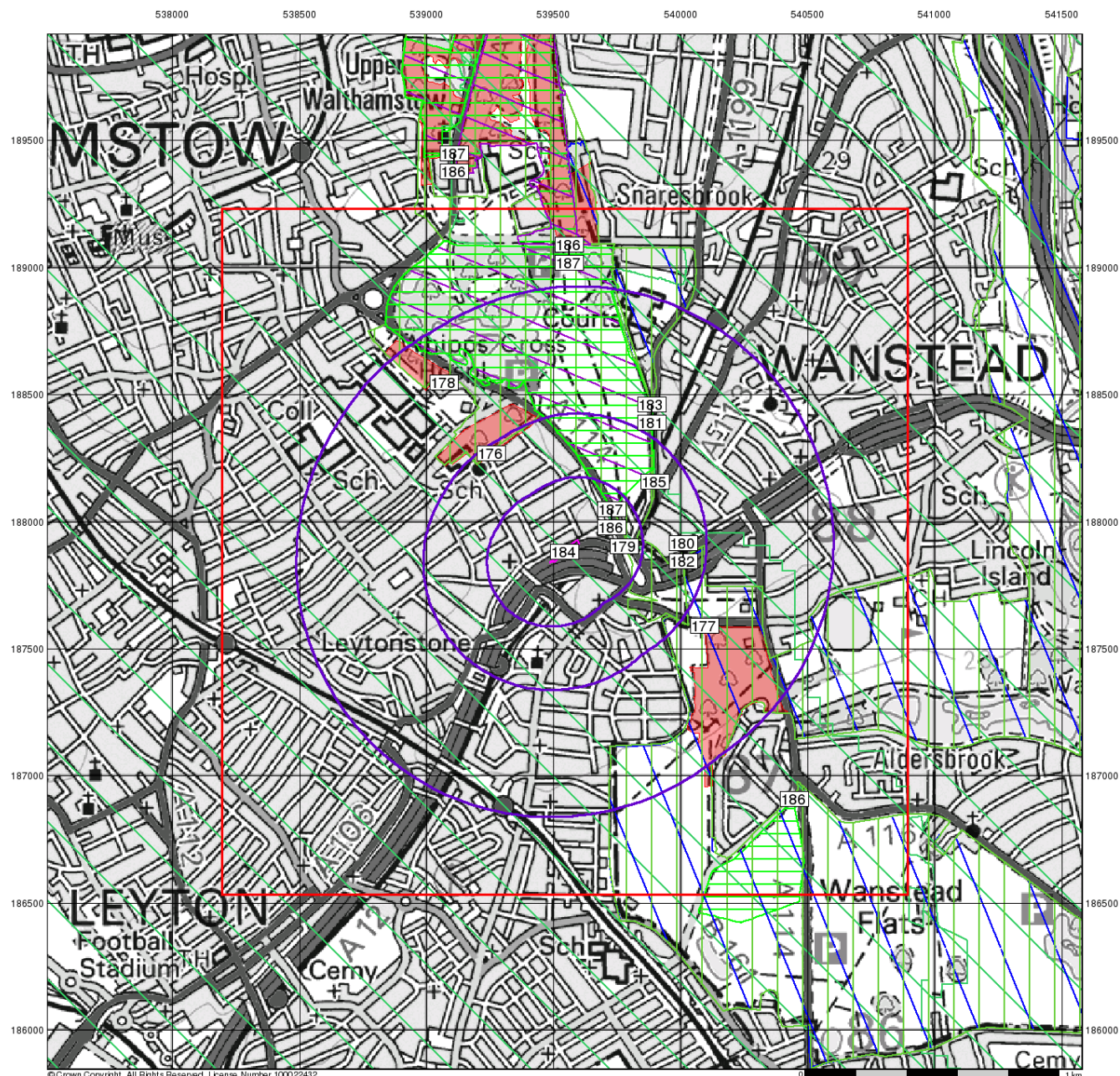
### Site Details

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## Sensitive Land Uses

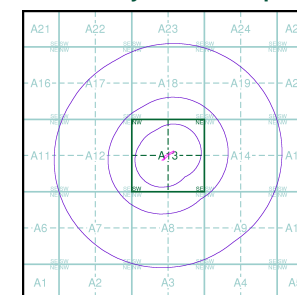
### General

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

### Sensitive Land Uses

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

## Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 194807670\_1\_1  
 Customer Ref: 14022366 - Leyton Road  
 National Grid Reference: 539540, 187890  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

### Site Details

Site at 539540, 187890

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## General

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

## Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

## Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

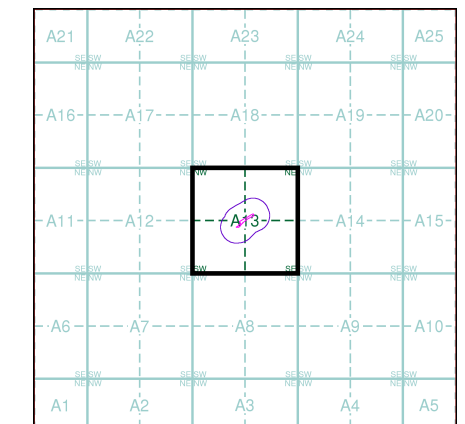
## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

## Geological

- BGS Recorded Mineral Site

## Site Sensitivity Map - Segment A13



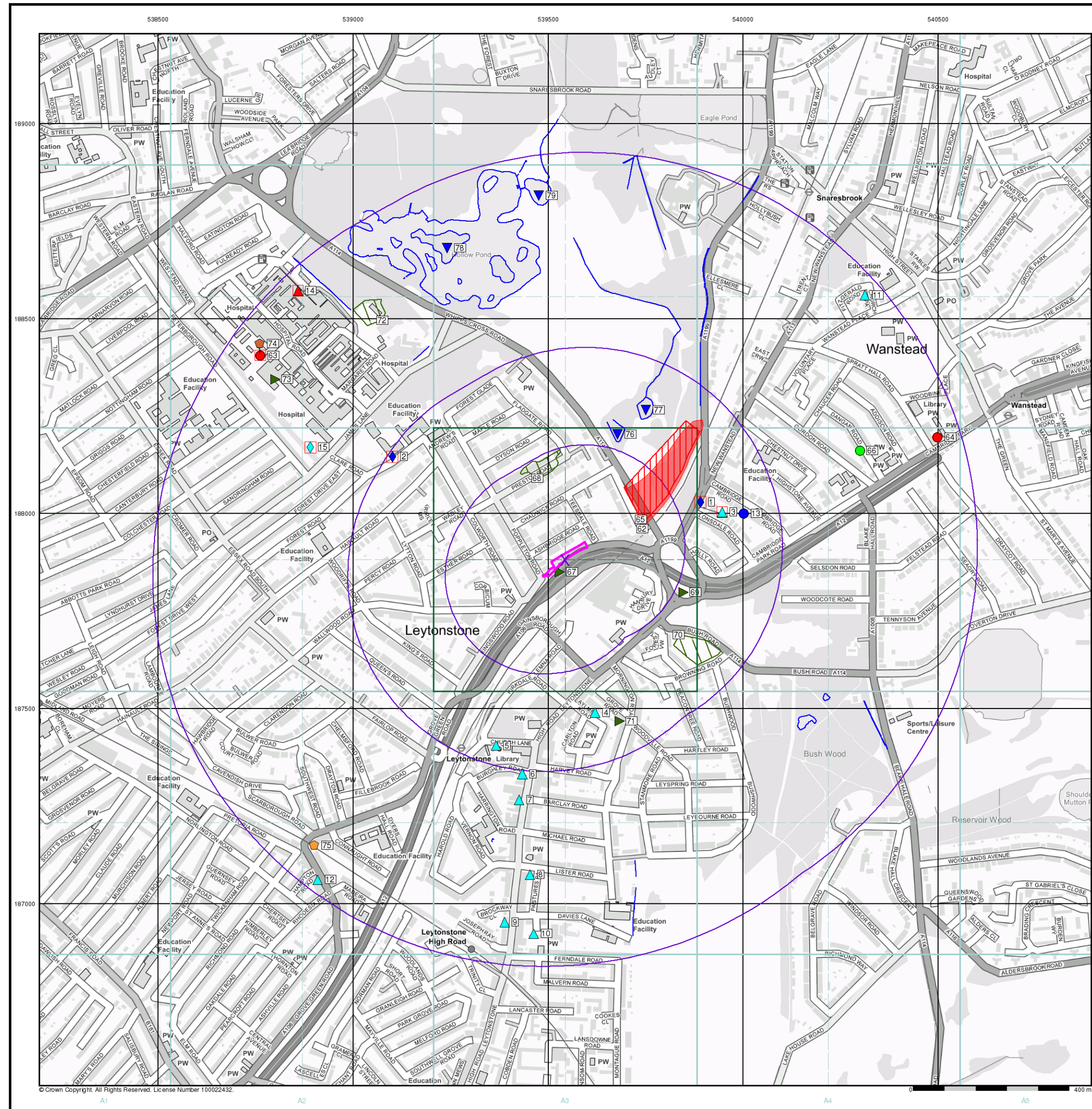
## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Plot Buffer (m): 100

## Site Details

Site at 539540, 187890





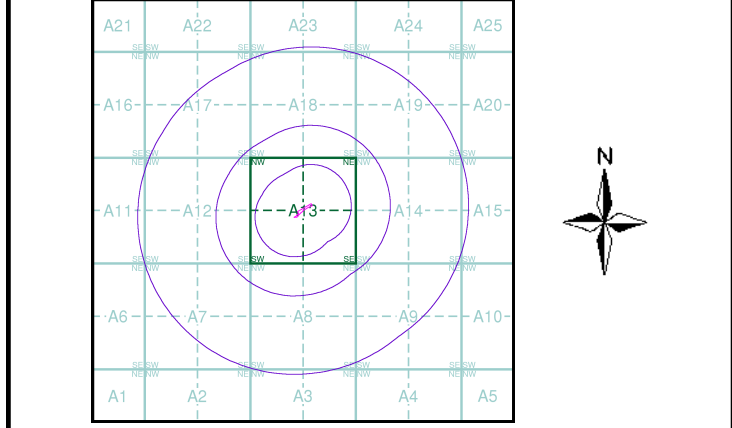
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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or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

## Site Sensitivity Map - Slice A



**Order Details**

Order Number: 194807670\_1\_1  
 Customer Ref: 14022366 - Leyton Road  
 National Grid Reference: 539540, 187880  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

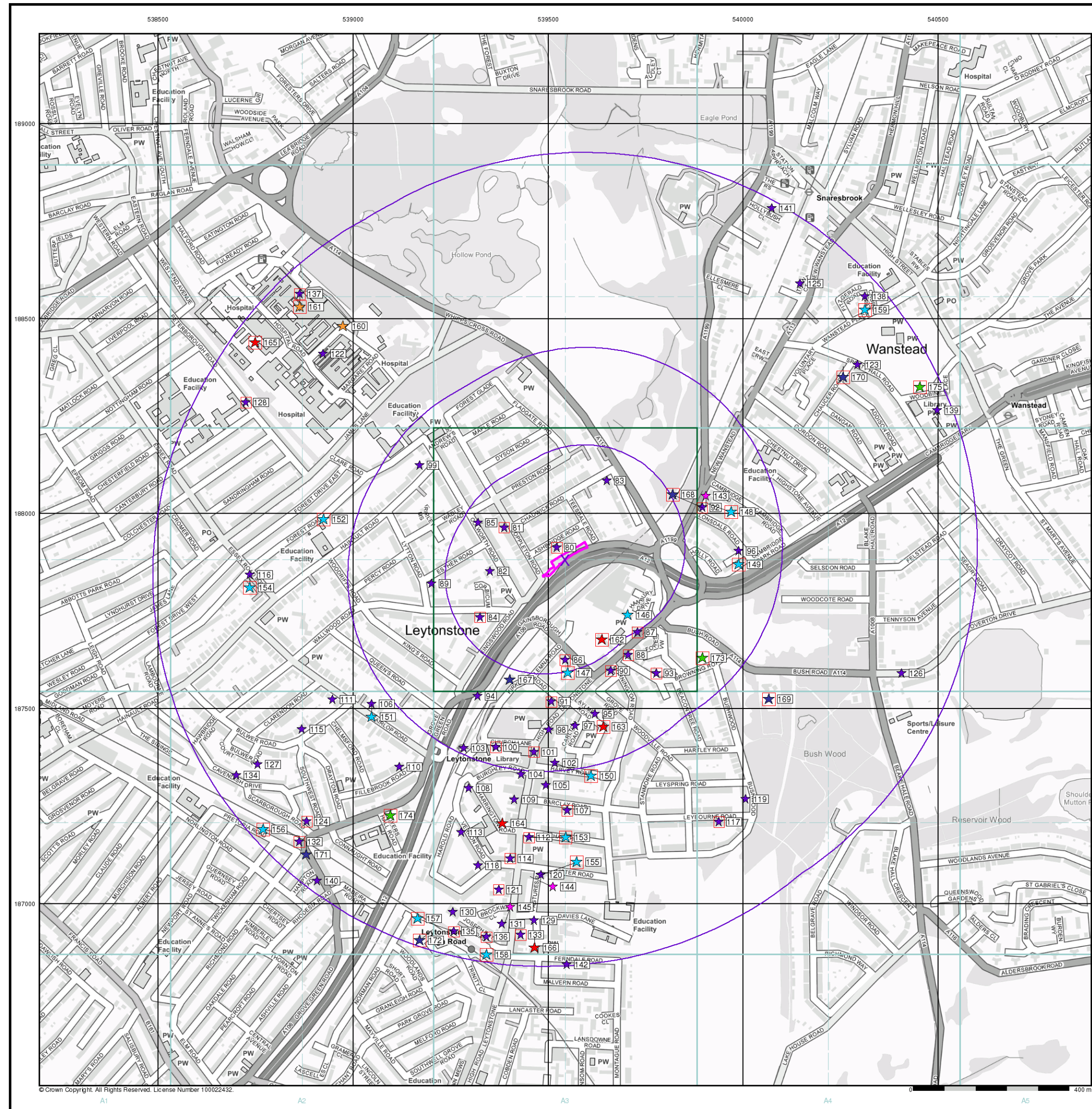
**Site Details**

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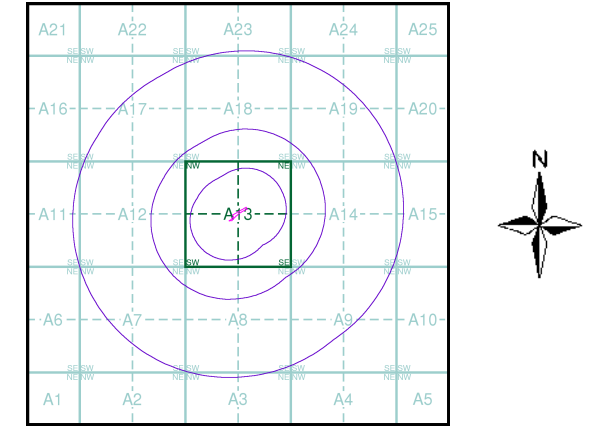
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## Industrial Land Use Map

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Slice
  - Map ID
- Industrial Land Use**
- Contemporary Trade Directory Entry
  - Fuel Station Entry
  - Gas Pipeline
  - Points of Interest - Commercial Services
  - Points of Interest - Education and Health
  - Points of Interest - Manufacturing and Production
  - Points of Interest - Public Infrastructure
  - Points of Interest - Recreational and Environmental
  - Underground Electrical Cables

## Industrial Land Use Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

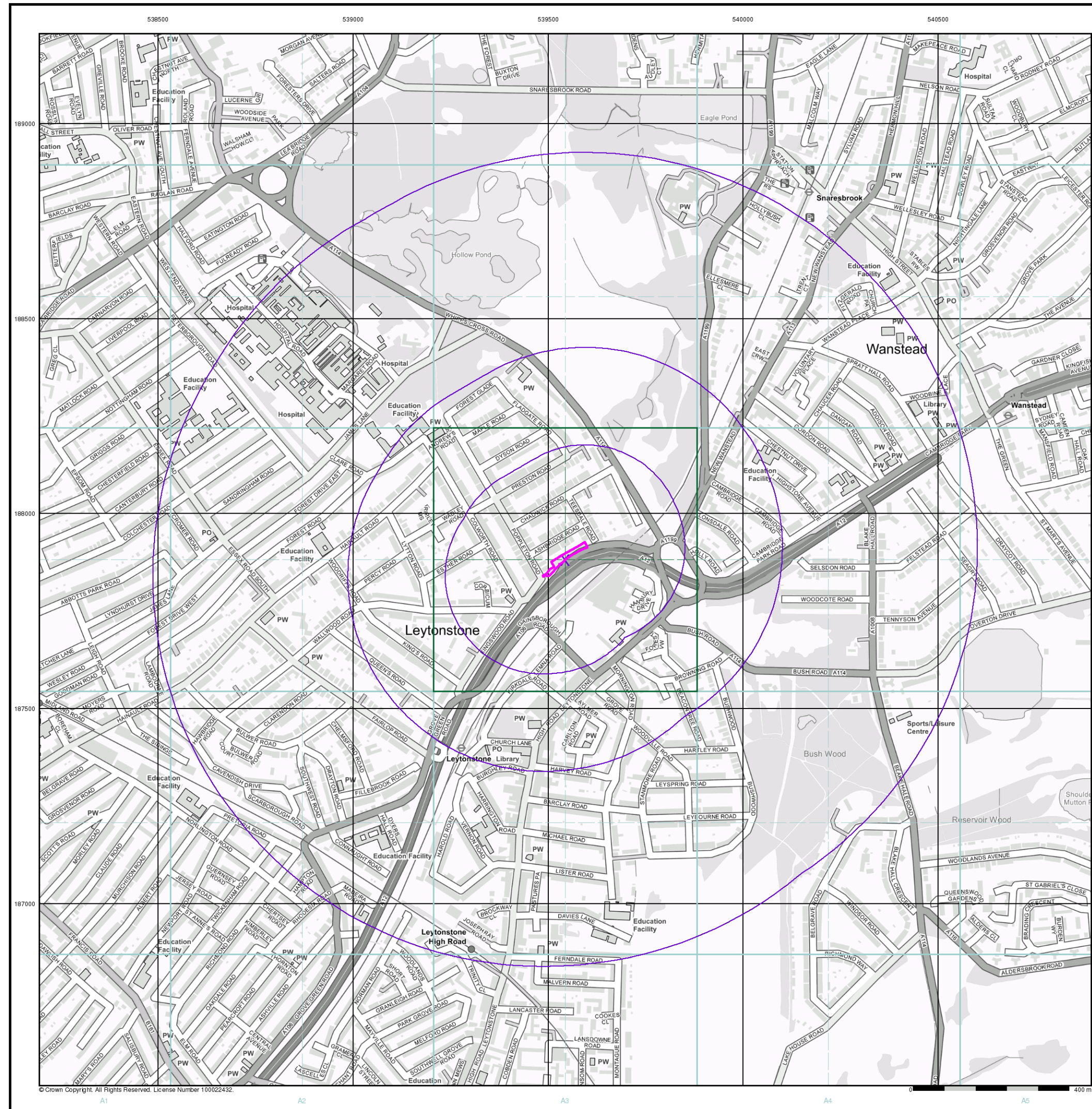
## Site Details

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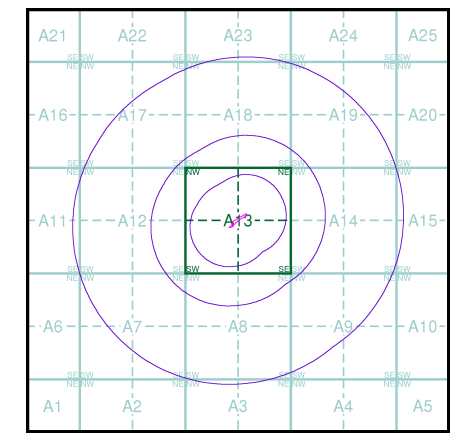
### General

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

### Agency and Hydrological (Flood)

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

### Flood Map - Slice A



### Order Details






Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

### Site Details






Site at 539540, 187890



## General

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

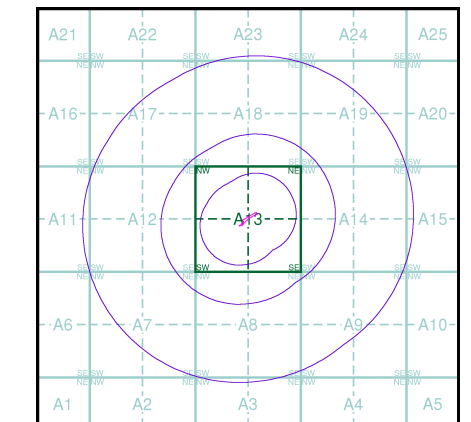
## Agency and Hydrological (Boreholes)

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

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

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

## Borehole Map - Slice A

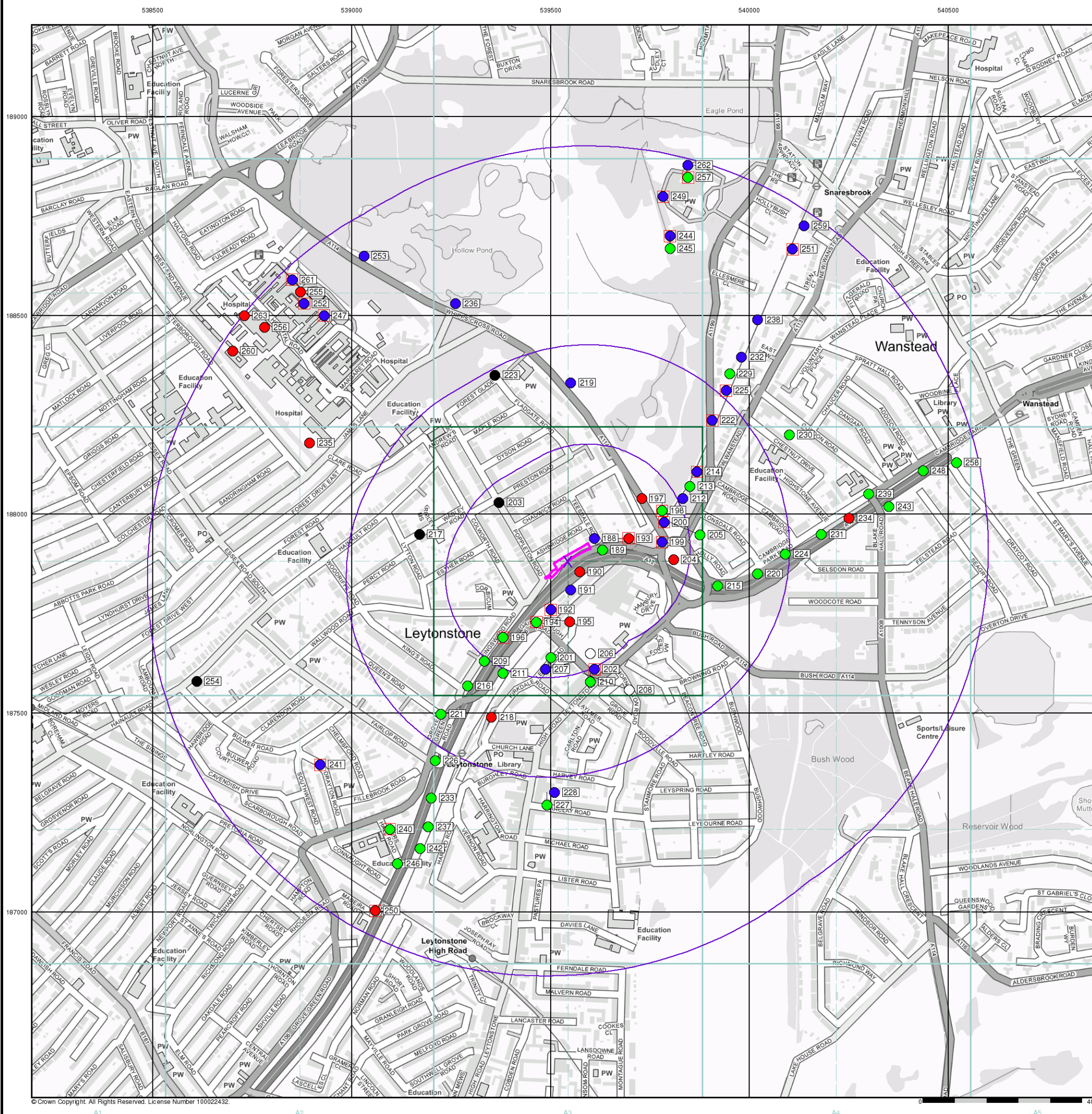


## Order Details

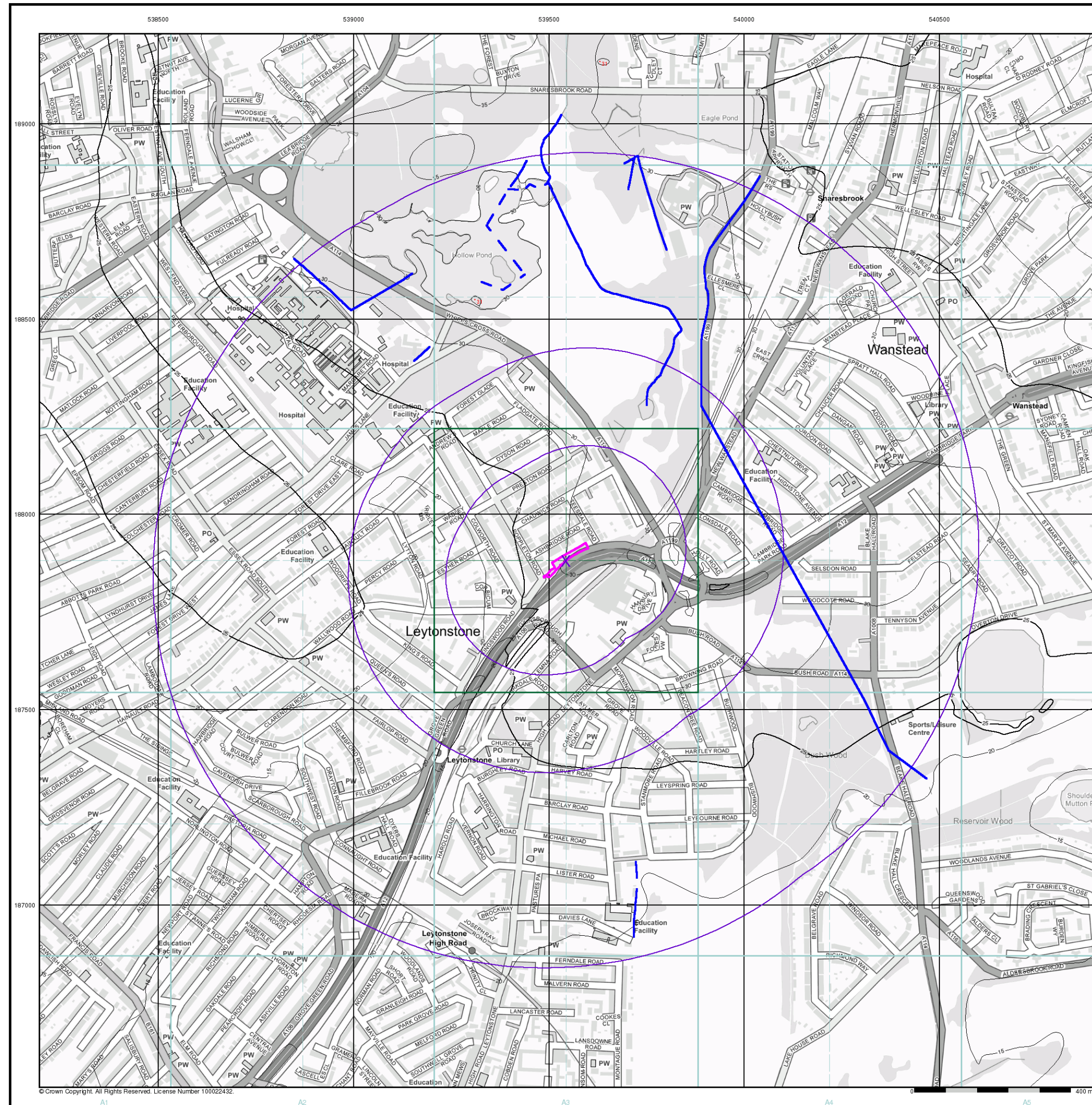
Order Number: 194807670\_1\_1  
 Customer Ref: 14022366 - Leyton Road  
 National Grid Reference: 539540, 187880  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

## Site Details

Site at 539540, 187890







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## General

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

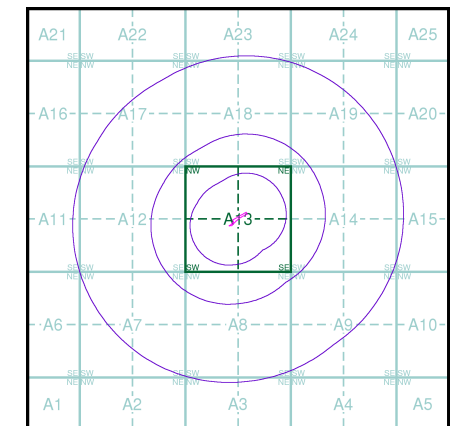
## OS Water Network Data

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

## Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

## OS Water Network Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

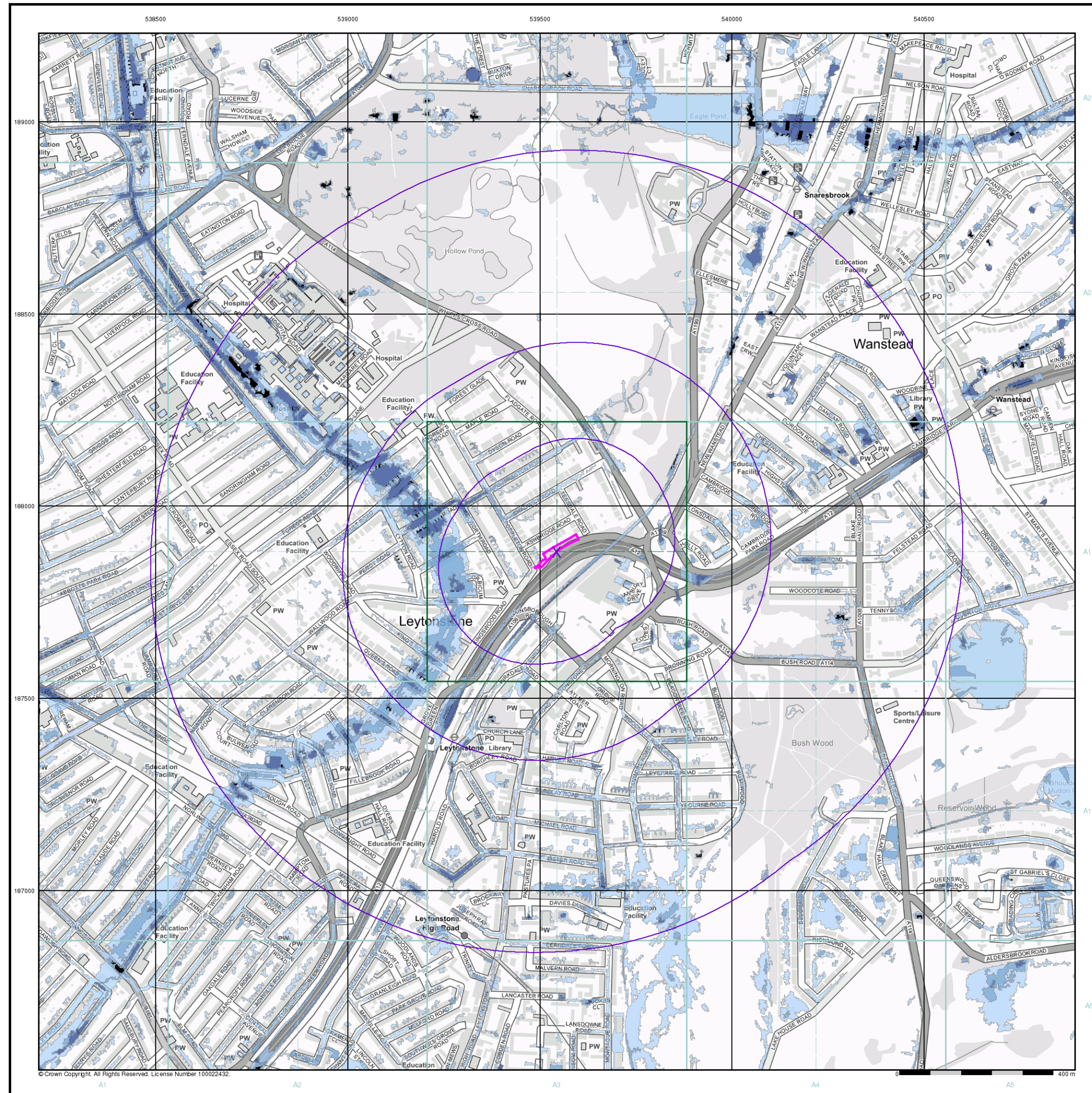
## Site Details

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## General

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

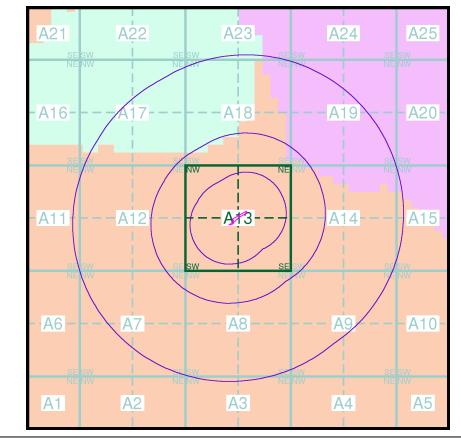
## Risk of Flooding from Surface Water

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

## Suitability

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

## EANRW Suitability Map - Slice A



## Order Details

Order Number: 194807670\_1\_1  
Customer Ref: 14022366 - Leyton Road  
National Grid Reference: 539540, 187880  
Slice: A  
Site Area (Ha): 0.17  
Search Buffer (m): 1000

## Site Details

Site at 539540, 187890

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## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

194807670\_1\_1

**Customer Reference:**

14022366 - Leyton Road

**National Grid Reference:**

539540, 187880

**Slice:**

A

**Site Area (Ha):**

0.17

**Search Buffer (m):**

1000

#### Site Details:

Site at 539540, 187890

#### Client Details:

Ms A Pugh  
Arcadis Consulting (UK) Ltd  
1st Floor  
2 Glass Wharf  
Temple Quay  
Bristol  
BS2 0FR



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	21
Industrial Land Use	26
Sensitive Land Use	41
Data Currency	42
Data Suppliers	49
Useful Contacts	50

### Introduction

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

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### Report Version v53.0



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			4	
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 2			4	7
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4			Yes	
Pollution Incidents to Controlled Waters	pg 4			1	
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances	pg 4				11
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6				2 (*20)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 11	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 12	Yes	n/a	n/a	n/a
Source Protection Zones	pg 12		1		4
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 12			4	37



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 18		1		
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 18				3
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 19		1		
Potentially Infilled Land (Non-Water)	pg 19				1
Potentially Infilled Land (Water)	pg 19		2	3	2
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 19				1
Registered Waste Treatment or Disposal Sites	pg 20				1
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 21	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry					
BGS Recorded Mineral Sites	pg 21			2	2
BGS Urban Soil Chemistry	pg 21		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 24	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 25	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 25	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 25	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 25	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 26		12	32	63
Fuel Station Entries	pg 35			1	2
Points of Interest - Commercial Services	pg 35		4	8	19
Points of Interest - Education and Health	pg 37				5
Points of Interest - Manufacturing and Production	pg 38		2	2	6
Points of Interest - Public Infrastructure	pg 39			6	9
Points of Interest - Recreational and Environmental	pg 40			2	4
Gas Pipelines					
Underground Electrical Cables					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 41			1	2
Areas of Adopted Green Belt	pg 41		1	1	1
Areas of Unadopted Green Belt	pg 41			1	1
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 41	1		1	
Ramsar Sites					
Sites of Special Scientific Interest	pg 41		1		
Special Areas of Conservation	pg 41		1		
Special Protection Areas					
World Heritage Sites					



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	0	1	539543 187881
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	60	1	539650 187950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	102	1	539550 187750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	132	1	539543 188050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	200	1	539800 187881
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	269	1	539800 188100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (N)	378	1	539400 188250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	399	1	540000 187881
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	404	1	540000 187850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	412	1	539350 187450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	413	1	539850 188250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	420	1	539950 188150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	432	1	539300 187450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	437	1	539050 187881
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	441	1	539850 187550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (NW)	447	1	539350 188300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SW)	456	1	539250 187450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	463	1	540000 188150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	477	1	539050 187650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	489	1	539000 187800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Discharge Consents</b> Operator: Thames Water Utilities Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Grove Street, Wantagegrove Streetwantage Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.2641 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 13th October 2015 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Letcombe Brook <b>Status: Surrendered under EPR 2010</b> Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	312	2	539890 188030
1	<b>Discharge Consents</b> Operator: Thames Water Utilities Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Grove Street, Wantagegrove Streetwantage Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.2641 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Letcombe Brook <b>Status: Temporary Consents (Water Act 1989, Section 113)</b> Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	312	2	539890 188030
2	<b>Discharge Consents</b> Operator: Thames Water Utilities Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Crown Wharf, Canning Towncrown Wharfcanning Town Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.2168 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 13th October 2015 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Lee <b>Status: Surrendered under EPR 2010</b> Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	489	2	539100 188146
2	<b>Discharge Consents</b> Operator: Thames Water Utilities Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Crown Wharf, Canning Towncrown Wharfcanning Town Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.2168 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Lee <b>Status: Temporary Consents (Water Act 1989, Section 113)</b> Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	489	2	539100 188146
3	<b>Local Authority Pollution Prevention and Controls</b> Name: Jet Service Station Location: 13 Hollybush Hill, Wanstead, LONDON, E11 2PP Authority: London Borough of Redbridge, Environmental Health Department Permit Reference: Pss122/01 Dated: 27th May 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A14NW (E)	312	3	539895 188015



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<b>Local Authority Pollution Prevention and Controls</b> Name: Dc Dodd Location: 13-18, Hollybush Hill, LONDON, E11 1PP Authority: London Borough of Redbridge, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles <b>Status: Application Not Yet Authorised</b> Positional Accuracy: Automatically positioned to the address	A14NW (E)	328	3	539908 188026
4	<b>Local Authority Pollution Prevention and Controls</b> Name: K & M Ellis Location: 10 Aylmer Road, LONDON, E11 3AD Authority: London Borough of Waltham Forest, Environmental Health Department Permit Reference: 12/93 Dated: 16th September 1993 Process Type: Local Authority Air Pollution Control Description: PG6/33 Wood coating <b>Status: Authorisation revoked</b> Positional Accuracy: Automatically positioned to the address	A8NE (S)	374	4	539620 187486
5	<b>Local Authority Pollution Prevention and Controls</b> Name: Morris Cleaners Location: 16 Church Lane, London, E11 Authority: London Borough of Waltham Forest, Environmental Health Department Permit Reference: DC41 Dated: 12th July 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A8NW (S)	454	4	539366 187401
6	<b>Local Authority Pollution Prevention and Controls</b> Name: Ocean Dry Cleaners Location: 801 High Road, London, E11 4qs Authority: London Borough of Waltham Forest, Environmental Health Department Permit Reference: DC03 Dated: 5th October 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A8NW (S)	514	4	539433 187328
7	<b>Local Authority Pollution Prevention and Controls</b> Name: Sunrise Dry Cleaners Location: 781 High Road, London, E11 4qs Authority: London Borough of Waltham Forest, Environmental Health Department Permit Reference: DC28 Dated: 11th July 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning <b>Status: Authorisation revoked</b> Positional Accuracy: Manually positioned to the address or location	A8NW (S)	580	4	539425 187262
8	<b>Local Authority Pollution Prevention and Controls</b> Name: Hills Garage Location: 568-588 High Road Leytonstone, Leytonstone, LONDON, E11 3DH Authority: London Borough of Waltham Forest, Environmental Health Department Permit Reference: EPA/PV-17/98 Dated: 12th May 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station <b>Status: Authorised</b> Positional Accuracy: Manually positioned to the address or location	A8SW (S)	770	4	539453 187070
9	<b>Local Authority Pollution Prevention and Controls</b> Name: Bowl Service Station Location: 675-683 High Road Leytonstone, Leytonstone, LONDON, E11 4RD Authority: London Borough of Waltham Forest, Environmental Health Department Permit Reference: Epa/Pv-06/98 Dated: 21st January 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station <b>Status: Authorisation revoked</b> Positional Accuracy: Manually positioned to the address or location	A8SW (S)	896	4	539388 186948



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<b>Local Authority Pollution Prevention and Controls</b> Name: Acme Seals Ltd Location: Ferndale Road, LONDON, E11 3DP Authority: London Borough of Waltham Forest, Environmental Health Department Permit Reference: 07/93 Dated: 28th June 1993 Process Type: Local Authority Air Pollution Control Description: PG2/4 Iron, steel and non-ferrous metal foundry processes <b>Status: Authorisation revoked</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	920	4	539462 186919
11	<b>Local Authority Pollution Prevention and Controls</b> Name: I & K Brown Location: The Garage, Church Path, LONDON, E11 2SS Authority: London Borough of Redbridge, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles <b>Status: Application exempt from APC</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	954	3	540312 188556
12	<b>Local Authority Pollution Prevention and Controls</b> Name: Peters Dry Cleaners Location: 326 Grove Green Road, London, E11 4ea Authority: London Borough of Waltham Forest, Environmental Health Department Permit Reference: DC04 Dated: 4th July 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning <b>Status: Permitted</b> Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	973	4	538908 187057
	<b>Nearest Surface Water Feature</b>	A13NE (NE)	271	-	539677 188185
13	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: WANSTEAD Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Natural Note: Not Supplied Incident Date: 19th July 1997 Incident Reference: THNE1997035937 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	A14NW (E)	410	2	540001 188001
14	<b>Registered Radioactive Substances</b> Name: Forest Healthcare Nhs Trust Location: Whipps Cross Hospital, Whipps Cross Road, Leytonstone, LONDON, Greater London, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: AB6306 Dated: 6th November 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA dated pre April 1991 <b>Status: Authorisation superseded by a substantial or non substantial variation</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	939	2	538868 188563
14	<b>Registered Radioactive Substances</b> Name: Whipps Cross University Hospital Nhs Trust Location: Nuclear Medicine Department, Whipps Cross University Hospital, Leytonstone, LONDON, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: CC4383 Dated: 15th September 2008 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA <b>Status: Application has been authorised and any conditions apply to the operator</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	942	2	538863 188563



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<b>Registered Radioactive Substances</b> Name: Whipps Cross University Hospital Nhs Trust Location: Nuclear Medicine Department, Whipps Cross University Hospital, Leytonstone, LONDON, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: CC4391 Dated: 15th September 2008 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation <b>Status: Application has been authorised and any conditions apply to the operator</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	942	2	538863 188563
14	<b>Registered Radioactive Substances</b> Name: Whipps Cross University Hospital Nhs Trust Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: Bu4872 Dated: 6th June 2003 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA <b>Status: Authorisation superseded by a substantial or non substantial variation</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	943	2	538863 188563
14	<b>Registered Radioactive Substances</b> Name: Whipps Cross University Hospital Nhs Trust Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: Bu4899 Dated: 6th June 2003 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation <b>Status: Authorisation superseded by a substantial or non substantial variation</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	943	2	538863 188563
14	<b>Registered Radioactive Substances</b> Name: Barts Health Nhs Trust Location: Whipps Cross University Hospital, Whipps Cross Road, Leytonstone, London, E11 1nr Authority: Environment Agency, Thames Region Permit Reference: QB3235DZ Dated: Not Supplied Process Type: Not Supplied Description: Not Supplied <b>Status: Application has been determined by the EA</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	943	2	538863 188563
14	<b>Registered Radioactive Substances</b> Name: Whipps Cross University Hospital Nhs Trust Location: Whipps Cross Hospital, Leytonstone, LONDON, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: BH4840 Dated: 28th January 2000 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA <b>Status: Authorisation superseded by a substantial or non substantial variation</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	949	2	538858 188568
14	<b>Registered Radioactive Substances</b> Name: Whipps Cross University Hospital Nhs Trust Location: Whipps Cross Hospital, Leytonstone, LONDON, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: BH4971 Dated: 28th January 2000 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation <b>Status: Authorisation superseded by a substantial or non substantial variation</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	949	2	538858 188568



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	<b>Registered Radioactive Substances</b> Name: Whipps Cross University Hospital Nhs Trust Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: BA4787 Dated: 24th April 1998 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA <b>Status: Application has been authorised and any conditions apply to the operator</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	949	2	538858 188568
14	<b>Registered Radioactive Substances</b> Name: Whipps Cross University Hospital Nhs Trust Location: Whipps Cross Road, LONDON, Greater London, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: AK2831 Dated: 21st March 1994 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Substantial variation to authorisation under RSA <b>Status: Authorisation superseded by a substantial or non substantial variation</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	949	2	538858 188568
14	<b>Registered Radioactive Substances</b> Name: Whipps Cross University Hospital Nhs Trust Location: Whipps Cross Hospital, Whipps Cross Road, Leytonstone, LONDON, Greater London, E11 1NR Authority: Environment Agency, Thames Region Permit Reference: AM9233 Dated: 31st March 1991 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation <b>Status: Authorisation superseded by a substantial or non substantial variation</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	949	2	538858 188568
15	<b>Water Abstractions</b> Operator: Whipps Cross University Hospital Nhs Trust Licence Number: 29/38/09/0156 Permit Version: 101 Location: Whipps Cross Hospital Bh B Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Whipps Cross Hospital, Leytonstone, London Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th February 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	682	2	538890 188170
15	<b>Water Abstractions</b> Operator: Whipps Cross University Hospital Nhs Trust Licence Number: 29/38/09/0156 Permit Version: 101 Location: Whipps Cross Hospital Bha Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Whipps Cross Hospital, Leytonstone, London Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th February 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	683	2	538900 188190



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Forest Healthcare Nhs Trust Licence Number: 29/38/09/0156 Permit Version: 100 Location: Whipps Cross Hospital Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 727 Yearly Rate (m3): 265486 Details: Whipps Cross Hospital, Leytonstone, London Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th November 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	1021	2	538700 188500
	<b>Water Abstractions</b> Operator: Wanstead Golf Association Ltd Licence Number: 08/37/54/0021 Permit Version: 102 Location: The Basin, Wanstead Golf Course Authority: Environment Agency, Thames Region Abstraction: Private Water Undertaking: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area Not Specified - Private Supply For Cricket Club Authorised Start: 01 April Authorised End: 30 November Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (E)	1175	2	540700 187500
	<b>Water Abstractions</b> Operator: Wanstead Golf Association Ltd Licence Number: 08/37/54/0021 Permit Version: 101 Location: The Basin, Wanstead Golf Course Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 14 Yearly Rate (m3): 1637 Details: Wanstead Golf Club, Overton Drive, Wanstead, London Authorised Start: 01 April Authorised End: 30 November Permit Start Date: 20th April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (E)	1175	2	540700 187500
	<b>Water Abstractions</b> Operator: Wanstead Golf Association Ltd Licence Number: 08/37/54/0021 Permit Version: 101 Location: The Basin, Wanstead Golf Course Authority: Environment Agency, Thames Region Abstraction: Private Water Undertaking: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area Not Specified - Private Supply For Cricket Club Authorised Start: 01 April Authorised End: 30 November Permit Start Date: 20th April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NW (E)	1175	2	540700 187500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Wanstead Golf Association Ltd Licence Number: 08/37/54/0021 Permit Version: 102 Location: The Basin, Wanstead Golf Club-Point A Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Wanstead Golf Club, Overton Drive, Wanstead, London Authorised Start: 01 April Authorised End: 30 November Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NW (E)	1215	2	540750 187520
	<b>Water Abstractions</b> Operator: Wanstead Golf Association Ltd Licence Number: 08/37/54/0021 Permit Version: 102 Location: The Basin, Wanstead Golf Club-Point A Authority: Environment Agency, Thames Region Abstraction: Private Water Undertaking: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Area Not Specified - Water Supply To Cricket Club Authorised Start: 01 April Authorised End: 30 November Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NW (E)	1215	2	540750 187520
	<b>Water Abstractions</b> Operator: Bp Oil Uk Ltd Licence Number: 29/38/09/0174 Permit Version: 1 Location: Boreholes Grouped At Orient Filling Station, Leyton Authority: Environment Agency, Thames Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Orient Filling Station, Leyton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd April 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (W)	1309	2	538200 187600
	<b>Water Abstractions</b> Operator: Bp Oil Uk Ltd Licence Number: 29/38/09/0180 Permit Version: 1 Location: Point 'A' At Orient Filling Station, Leyton, London. Authority: Environment Agency, Thames Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Orient Filling Station, Leyton, London Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st May 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (W)	1347	2	538160 187610



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Bp Oil Uk Ltd Licence Number: 29/38/09/0185 Permit Version: 1 Location: Orient Filling Station, Leyton- Borehole Authority: Environment Agency, Thames Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Orient Filling Station, 666 High Road, Leyton, London Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th March 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (W)	1357	2	538150 187610
	<b>Water Abstractions</b> Operator: London Borough Of Waltham Forest Licence Number: 29/38/09/0032 Permit Version: 100 Location: Cathall Road Baths Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 764 Yearly Rate (m3): 90920 Details: Cathall Road Baths, Leyton, Waltham Forest Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2SE (S)	1519	2	539000 186400
	<b>Water Abstractions</b> Operator: City Of London Corporation Licence Number: 08/37/54/0056 Permit Version: 3 Location: Jubilee Pond, Wanstead Flats, London E11 - Borehole Authority: Environment Agency, Thames Region Abstraction: Municipal Grounds: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Jubilee Pond, Wanstead Flats, London E11 Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 5th August 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (S)	1584	2	540090 186370
	<b>Water Abstractions</b> Operator: City Of London Corporation Licence Number: 08/37/54/0056 Permit Version: 2 Location: Jubilee Pond, Wanstead Flats, London E11 - Borehole Authority: Environment Agency, Thames Region Abstraction: Municipal Grounds: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Jubilee Pond, Wanstead Flats, London E11 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (S)	1584	2	540090 186370



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: The Corporation Of London Licence Number: 08/37/54/0056 Permit Version: 1 Location: Wanstead Yacht Pond, Wanstead Flats - Borehole A Authority: Environment Agency, Thames Region Abstraction: Municipal Grounds: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Wanstead Yacht Pond, Wanstead Flats, London E11 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th July 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (S)	1584	2	540090 186370
	<b>Water Abstractions</b> Operator: Mayor And Commonalty And Citizens Of The City Of London Licence Number: 08/37/54/0056/R01 Permit Version: 1 Location: Jubilee Pond, Wanstead Flats, London E11 - Borehole Authority: Environment Agency, Thames Region Abstraction: Municipal Grounds: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Jubilee Pond, Wanstead Flats, London E11 Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (S)	1588	2	540091 186366
	<b>Water Abstractions</b> Operator: Mayor And Commonalty And Citizens Of The City Of London Licence Number: 08/37/54/0056 Permit Version: 4 Location: Jubilee Pond, Wanstead Flats, London E11 - Borehole Authority: Environment Agency, Thames Region Abstraction: Municipal Grounds: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Jubilee Pond, Wanstead Flats, London E11 Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 8th May 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (S)	1588	2	540091 186366
	<b>Water Abstractions</b> Operator: The Conservators Of Epping Forest Licence Number: 08/37/54/0026 Permit Version: 100 Location: Wanstead Park - River Roding Authority: Environment Agency, Thames Region Abstraction: Private Non-Industrial Amenity: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1591 Yearly Rate (m3): 122742 Details: Wanstead Park, Wanstead, Essex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1970 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1909	2	541500 188100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Thames Water Utilities Ltd Licence Number: 08/37/54/0025 Permit Version: 104 Location: Wanstead Pumping Station Well 'A' 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 Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th February 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1954	2	541530 188220
	<b>Water Abstractions</b> Operator: Thames Water Utilities Ltd Licence Number: 08/37/54/0025 Permit Version: 103 Location: Wanstead Pumping Station Well 'A' 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 Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th December 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1954	2	541530 188220
	<b>Water Abstractions</b> Operator: Thames Water Utilities Ltd Licence Number: 08/37/54/0025 Permit Version: 102 Location: Wanstead Pumping Station Well 'A' 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 Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st April 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1954	2	541530 188220
	<b>Water Abstractions</b> Operator: Thames Water Utilities Ltd Licence Number: 08/37/54/0025 Permit Version: 101 Location: Wanstead Pumping Station Well 'A' 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 Daily Rate (m3): 4546 Yearly Rate (m3): 1460000 Details: Chalk (Undifferentiated) Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd February 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1954	2	541530 188220
	<b>Groundwater Vulnerability</b> Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	A13SW (SW)	0	2	539543 187881
	<b>Groundwater Vulnerability</b> Soil Classification: Not classified Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	A13NW (W)	0	2	539491 187886



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Drift Deposits</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Unproductive Strata	A13SW (SW)	0	5	539543 187881
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13SW (SW)	0	5	539543 187881
16	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SE (SE)	1	2	539575 187864
17	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A12NE (W)	645	2	538914 188142
18	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A17SE (NW)	787	2	538877 188346
19	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A17SW (NW)	833	2	538864 188404
20	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A15NW (E)	986	2	540578 188048
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 89.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	387	6	539750 188280
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 866.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14NW (NE)	429	6	539977 188121



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 65.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	459	6	539891 188277
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 85.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	472	6	539786 188357
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 96.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	511	6	539891 188342
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 239.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	557	6	539820 188435
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 154.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	591	6	539890 188438
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 53.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	626	6	539155 188393
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 195.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NE (N)	642	6	539680 188562
30	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 393.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollow Pond Catchment Name: Thames Primacy: 1	A18NW (N)	683	6	539382 188575
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 92.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	732	6	539902 188590



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 41.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	763	6	539723 187110
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 252.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NE (N)	779	6	539801 188677
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 136.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NE (N)	781	6	539565 188707
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 136.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	812	6	540310 187519
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 149.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	818	6	539912 188680
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 158.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NE (NW)	818	6	539125 188599
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NE (NW)	818	6	539130 188602
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NE (NW)	819	6	539132 188604
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NE (NW)	819	6	539137 188607



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 197.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	827	6	538993 188523
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	831	6	539725 187040
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	835	6	539725 187035
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	838	6	539725 187033
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	854	6	539723 187016
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 95.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	856	6	539723 187013
47	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 7.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	909	6	539507 188831
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 81.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NE (N)	913	6	539703 188833
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	916	6	539504 188837



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 113.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollow Pond Catchment Name: Thames Primacy: 1	A18NW (N)	917	6	539472 188835
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 121.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	927	6	540370 187396
52	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 39.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Hollow Pond Catchment Name: Thames Primacy: 1	A18NW (N)	928	6	539396 188833
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 194.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	930	6	539498 188851
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	954	6	539420 188864
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	960	6	539424 188870
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 76.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	964	6	539999 188801
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	965	6	539427 188876
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	970	6	539431 188881



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NW (N)	972	6	539432 188884
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A23SE (N)	978	6	539693 188899
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A23SE (N)	995	6	539720 188913



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Central Line Name: Land Adjacent to Central Line Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11401 First Input Date: 1st April 1968 Last Input Date: 31st December 1970 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5930/0010 BGS Ref: Not Supplied Other Ref: 8WF010, WAL010	A13NE (NE)	153	2	539741 187973
63	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 402999 Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Operator Name: Eurotec Environmental Limited Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Clinical Waste Transfer Stations <b>Licence Status: Modified</b> Issued: 1st April 2016 Last Modified: 20th July 2017 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	914	2	538758 188398
63	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 80084 Location: PO Box 13, Woodford, Essex, IG8 8DB Operator Name: Forest Healthcare Trust Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: In-house Storage Facilities <b>Licence Status: Surrendered</b> Issued: 15th March 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 21st May 1998 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	916	2	538761 188406
64	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 400356 Location: Mobile Plant Operator Name: Aircraft Environmental Recycling Solutions Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Mobile Plant <b>Licence Status: Issued</b> Issued: 10th February 2014 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (E)	941	2	540498 188196
	<b>Local Authority Landfill Coverage</b> Name: London Borough of Waltham Forest - Has supplied landfill data		0	4	539543 187881
	<b>Local Authority Landfill Coverage</b> Name: London Borough of Redbridge - Has supplied landfill data		232	3	539832 187931



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	<b>Local Authority Recorded Landfill Sites</b> Location: Forest Land Adj Central Line, Whipps Cross Road, E11 Reference: 10 Authority: London Borough of Waltham Forest, Environmental Health Department <b>Last Reported Status:</b> Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NE (NE)	154	4	539738 187985
66	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14NE (E)	742	-	540300 188161
67	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A13SW (SW)	10	-	539526 187851
68	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1996	A13NW (N)	201	-	539473 188091
69	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A13SE (E)	268	-	539842 187799
70	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A13SE (SE)	324	-	539835 187690
71	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1882	A8NE (S)	412	-	539679 187468
72	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A17SE (NW)	756	-	539075 188495
73	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1952	A17SW (NW)	853	-	538796 188345
74	<b>Registered Waste Transfer Sites</b> Licence Holder: Forest Healthcare Trust Licence Reference: DL532 Site Location: Whipps Cross Hospital, Whipps Cross Road, LEYTONSTONE, London, E11 1NR Operator Location: P O Box 13 Claybury Hall, Claybury Hospital, WOODFORD GREEN, Essex, IG8 8DB Authority: Environment Agency - Thames Region, North East Area Site Category: Storage Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence has completion certificateSurrendered Dated: 15th March 1994 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Clinical - As In Coll/Disp.Reg's Of '88 Max.Waste From Outside Hospital Prescription Only Medical Products Prohibited Waste: Special Wastes N.O.S. Waste N.O.S.	A17SW (NW)	919	2	538760 188410



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	<b>Registered Waste Treatment or Disposal Sites</b> Licence Holder: T D North & C Smee Licence Reference: DL538 Site Location: 208/209 Railway Arches, Grove Green Road, LEYTONSTONE, London, E11 4AJ Operator Location: T/A T & C Metal Refiners Authority: Environment Agency - Thames Region, North East Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st March 1994 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Electric Cable & Wire Ferrous/Non-Ferr./Unsorted Scrapmetal Lead/Acid Batteries Max.Waste Permitted By Licence Prohibited Waste: Clinical - As In Coll/Disp.Reg's Of '88 Special Wastes N.O.S. Waste N.O.S.	A7SE (SW)	905	2	538900 187150



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Thames Group	A13SW (SW)	0	1	539543 187881
	<b>BGS Estimated Soil Chemistry</b> No data available				
76	<b>BGS Recorded Mineral Sites</b> Site Name: Upper Walthamstow Gravel Pits Location: Upper Walthamstow, Leyton, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 45498 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Boyn Hill Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (N)	294	1	539677 188208
77	<b>BGS Recorded Mineral Sites</b> Site Name: Upper Walthamstow Gravel Pits Location: Upper Walthamstow, Leyton, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 45497 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Boyn Hill Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	378	1	539750 188270
78	<b>BGS Recorded Mineral Sites</b> Site Name: Whips Cross Gravel Pits Location: Whips Cross, Upper Walthamstow, Leyton, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 45488 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Boyn Hill Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18NW (N)	838	1	539240 188685
79	<b>BGS Recorded Mineral Sites</b> Site Name: Whips Cross Gravel Pits Location: Whips Cross, Upper Walthamstow, Leyton, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 45492 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Boyn Hill Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18NW (N)	902	1	539475 188820
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 539272, 187744 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 14.70 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 73.60 mg/kg Concentration: Lead Measured 228.10 mg/kg Concentration: Nickel Measured 27.10 mg/kg Concentration:	A13SW (SW)	235	1	539272 187744



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 539827, 187810 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 124.10 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 74.50 mg/kg Concentration: Lead Measured 1166.30 mg/kg Concentration: Nickel Measured 28.20 mg/kg Concentration:	A13SE (E)	249	1	539827 187810
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 539716, 188250 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 24.60 mg/kg Concentration: Cadmium Measured 0.40 mg/kg Concentration: Chromium Measured 60.70 mg/kg Concentration: Lead Measured 237.90 mg/kg Concentration: Nickel Measured 25.30 mg/kg Concentration:	A18SE (NE)	346	1	539716 188250
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 539186, 188215 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 18.50 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 64.90 mg/kg Concentration: Lead Measured 393.00 mg/kg Concentration: Nickel Measured 33.80 mg/kg Concentration:	A12NE (NW)	468	1	539186 188215
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 539271, 187357 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 15.20 mg/kg Concentration: Cadmium Measured 1.10 mg/kg Concentration: Chromium Measured 56.00 mg/kg Concentration: Lead Measured 507.90 mg/kg Concentration: Nickel Measured 22.20 mg/kg Concentration:	A8NW (SW)	528	1	539271 187357
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 539678, 188656 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 23.90 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 64.40 mg/kg Concentration: Lead Measured 403.40 mg/kg Concentration: Nickel Measured 28.20 mg/kg Concentration:	A18NE (N)	735	1	539678 188656



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 538759, 187725 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 23.20 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 62.70 mg/kg Concentration: Lead Measured 399.20 mg/kg Concentration: Nickel Measured 21.10 mg/kg Concentration:	A12SW (W)	737	1	538759 187725
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 540325, 187736 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 14.10 mg/kg Concentration: Cadmium Measured 1.10 mg/kg Concentration: Chromium Measured 54.80 mg/kg Concentration: Lead Measured 427.90 mg/kg Concentration: Nickel Measured 29.60 mg/kg Concentration:	A14SE (E)	746	1	540325 187736
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 539762, 187118 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 15.30 mg/kg Concentration: Cadmium Measured 1.00 mg/kg Concentration: Chromium Measured 53.40 mg/kg Concentration: Lead Measured 401.30 mg/kg Concentration: Nickel Measured 22.30 mg/kg Concentration:	A8SE (S)	768	1	539762 187118
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 540260, 187317 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.20 mg/kg Concentration: Cadmium Measured 0.80 mg/kg Concentration: Chromium Measured 72.70 mg/kg Concentration: Lead Measured 359.40 mg/kg Concentration: Nickel Measured 27.00 mg/kg Concentration:	A9NE (SE)	889	1	540260 187317
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 540391, 188343 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 13.50 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 42.90 mg/kg Concentration: Lead Measured 186.90 mg/kg Concentration: Nickel Measured 15.10 mg/kg Concentration:	A19SE (NE)	899	1	540391 188343



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 538656, 188229 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 17.30 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 67.40 mg/kg Concentration: Lead Measured 415.00 mg/kg Concentration: Nickel Measured 23.50 mg/kg Concentration:	A17SW (W)	917	1	538656 188229
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 539315, 188861 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 12.50 mg/kg Concentration: Cadmium Measured 0.40 mg/kg Concentration: Chromium Measured 44.20 mg/kg Concentration: Lead Measured 30.40 mg/kg Concentration: Nickel Measured 12.10 mg/kg Concentration:	A18NW (N)	976	1	539315 188861
	<b>BGS Measured Urban Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Grid: 538630, 187356 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.10 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 70.70 mg/kg Concentration: Lead Measured 1199.00 mg/kg Concentration: Nickel Measured 28.90 mg/kg Concentration:	A7NW (SW)	984	1	538630 187356
	<b>BGS Urban Soil Chemistry Averages</b> Source: British Geological Survey, National Geoscience Information Service Sample Area: London Count Id: 7209 Arsenic Minimum 1.00 mg/kg Concentration: Arsenic Average 17.00 mg/kg Concentration: Arsenic Maximum 161.00 mg/kg Concentration: Cadmium Minimum 0.10 mg/kg Concentration: Cadmium Average 0.90 mg/kg Concentration: Cadmium Maximum 165.20 mg/kg Concentration: Chromium Minimum 13.00 mg/kg Concentration: Chromium Average 79.00 mg/kg Concentration: Chromium Maximum 2094.00 mg/kg Concentration: Lead Minimum 11.00 mg/kg Concentration: Lead Average 280.00 mg/kg Concentration: Lead Maximum 10000.00 mg/kg Concentration: Nickel Minimum 2.00 mg/kg Concentration: Nickel Average 28.00 mg/kg Concentration: Nickel Maximum 506.00 mg/kg Concentration:	A13SW (SW)	0	1	539543 187881



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	539543 187881
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	539543 187881
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	539543 187881
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	539543 187881
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	243	1	539382 187619
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	539543 187881
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	539543 187881
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	25	1	539629 187898
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	539543 187881
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	539543 187881



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	<b>Contemporary Trade Directory Entries</b> Name: Winfield Print & Design Ltd Location: 24, Ashbridge Road, London, E11 1NH Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (N)	24	-	539562 187935
80	<b>Contemporary Trade Directory Entries</b> Name: Printout Location: 10, Ashbridge Road, London, E11 1NH Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	25	-	539522 187913
81	<b>Contemporary Trade Directory Entries</b> Name: All Rubbish Cleared Location: Poppleton Rd, London, E11 1LP Classification: Waste Disposal Services <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	128	-	539410 187958
81	<b>Contemporary Trade Directory Entries</b> Name: A J Printers Location: Flat B, 47, Poppleton Road, London, E11 1LP Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	150	-	539387 187964
82	<b>Contemporary Trade Directory Entries</b> Name: Drop London Ltd Location: Flat 23, Chessington Mansions, Colworth Road, London, E11 1HZ Classification: Soft Furnishings - Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (W)	136	-	539351 187852
83	<b>Contemporary Trade Directory Entries</b> Name: Blount Autos Location: 83, Whipps Cross Road, London, E11 1NJ Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NE (NE)	168	-	539650 188085
84	<b>Contemporary Trade Directory Entries</b> Name: P G Building Supplies Location: 179, Wallwood Road, London, E11 1AQ Classification: Builders' Merchants <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	193	-	539326 187734
84	<b>Contemporary Trade Directory Entries</b> Name: All Appliance Service Location: 68b, Kingswood Road, London, E11 1SF Classification: Domestic Appliances - Servicing, Repairs & Parts <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (SW)	207	-	539339 187695
85	<b>Contemporary Trade Directory Entries</b> Name: Cintrall Ltd Location: 79, Colworth Road, LONDON, E11 1JA Classification: Commercial Cleaning Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	203	-	539331 187976
86	<b>Contemporary Trade Directory Entries</b> Name: Aldus Location: Forest House Business Centre, 8, Gainsborough Road, London, E11 1HT Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A13SW (S)	220	-	539543 187624
86	<b>Contemporary Trade Directory Entries</b> Name: Cargocost Location: 3, Lemna Road, London, E11 1JL Classification: Freight Forwarders <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SW (S)	225	-	539510 187615
86	<b>Contemporary Trade Directory Entries</b> Name: Reliance Export Ltd Location: Unit 1, 6, Gainsborough Road, London, E11 1HT Classification: Freight Forwarders <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SE (S)	236	-	539556 187611



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	<b>Contemporary Trade Directory Entries</b> Name: Stay Cool Refrigeration Location: 887, High Road Leytonstone, London, E11 1HR Classification: Domestic Appliances - Servicing, Repairs & Parts <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	253	-	539729 187696
87	<b>Contemporary Trade Directory Entries</b> Name: Neon Graphics Location: 887, High Road Leytonstone, London, E11 1HR Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	253	-	539729 187696
87	<b>Contemporary Trade Directory Entries</b> Name: Allprintjob Location: 887, High Road Leytonstone, London, E11 1HR Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	253	-	539729 187696
88	<b>Contemporary Trade Directory Entries</b> Name: Just Fires & Furnishings Location: 744, High Road Leytonstone, London, E11 3AW Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	287	-	539706 187637
88	<b>Contemporary Trade Directory Entries</b> Name: Just Fires & Furnishings Location: 744-746, High Road Leytonstone, London, E11 3AW Classification: Fireplaces & Mantelpieces <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	287	-	539706 187637
88	<b>Contemporary Trade Directory Entries</b> Name: 1st Compucare Ltd Location: 742, High Road Leytonstone, London, E11 3AW Classification: Commercial Cleaning Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	291	-	539699 187626
88	<b>Contemporary Trade Directory Entries</b> Name: Octain Forwarding Ltd Location: 742, High Road Leytonstone, London, E11 3AW Classification: Freight Forwarders <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (SE)	291	-	539699 187626
89	<b>Contemporary Trade Directory Entries</b> Name: Modern Fireplaces Direct Location: 68, Lytton Road, London, E11 1JH Classification: Fireplaces & Mantelpieces <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A12SE (W)	287	-	539201 187820
90	<b>Contemporary Trade Directory Entries</b> Name: Laundrette Location: 726, High Road Leytonstone, London, E11 3AJ Classification: Laundries & Launderettes <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A13SE (S)	291	-	539651 187591
90	<b>Contemporary Trade Directory Entries</b> Name: Blue T Location: 730, High Road Leytonstone, London, E11 3AJ Classification: Dry Cleaners <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A13SE (S)	291	-	539661 187597
91	<b>Contemporary Trade Directory Entries</b> Name: One Stop Shop Location: 841a, High Road Leytonstone, London, E11 1HH Classification: Printers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NE (S)	301	-	539547 187543
91	<b>Contemporary Trade Directory Entries</b> Name: Bug Thugs Location: 841 High Rd, Leytonstone, London, E11 1HH Classification: Pest & Vermin Control <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A8NE (S)	305	-	539552 187540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	<b>Contemporary Trade Directory Entries</b> Name: Memories Location: 829-837, High Road Leytonstone, London, E11 1HH Classification: Photographic Processors <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	322	-	539509 187517
92	<b>Contemporary Trade Directory Entries</b> Name: Greenman Location: 13, Hollybush Hill, London, E11 1PP Classification: Petrol Filling Stations <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	312	-	539895 188015
92	<b>Contemporary Trade Directory Entries</b> Name: Jet Garage Location: Petrol Filling Station, 13-18, Hollybush Hill, London, E11 1PP Classification: Petrol Filling Stations <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	328	-	539908 188026
92	<b>Contemporary Trade Directory Entries</b> Name: D C Dodd Motor Repairs Location: Petrol Filling Station, 13-18, Hollybush Hill, London, E11 1PP Classification: Garage Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	328	-	539908 188026
92	<b>Contemporary Trade Directory Entries</b> Name: Wanstead Car Service Centre Location: 13, Hollybush Hill, London, E11 1PP Classification: Garage Services <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	328	-	539908 188026
93	<b>Contemporary Trade Directory Entries</b> Name: Ironing Fairy Location: 9, Forest View, London, E11 3AP Classification: Ironing & Home Laundry Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	329	-	539756 187623
93	<b>Contemporary Trade Directory Entries</b> Name: United Carpet Cleaning Masters Location: 24b Browning Rd, London, E11 3AR Classification: Carpet, Curtain & Upholstery Cleaners <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	368	-	539777 187590
94	<b>Contemporary Trade Directory Entries</b> Name: A T K Auto'S Location: Unit 4, Joseph Ray Rd, London, E11 1AA Classification: Garage Services <b>Status:</b> Inactive Positional Accuracy: Manually positioned within the geographical locality	A8NW (SW)	350	-	539319 187532
95	<b>Contemporary Trade Directory Entries</b> Name: Northampton Cabinet Co Ltd Location: 10, Aylmer Road, London, E11 3AD Classification: Furniture Manufacturers - Home & Office <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	374	-	539620 187486
96	<b>Contemporary Trade Directory Entries</b> Name: Lonsdale Motors Location: 37, Lonsdale Road, London, E11 2PH Classification: Garage Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	388	-	539988 187903
97	<b>Contemporary Trade Directory Entries</b> Name: Tubeline Location: 6-8, Carlton Road, London, E11 3AQ Classification: Tyre Dealers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A8NE (S)	390	-	539569 187456
98	<b>Contemporary Trade Directory Entries</b> Name: Cashrite Store.Com Location: 670-672, High Road Leytonstone, London, E11 3AA Classification: Electrical Goods Sales, Manufacturers & Wholesalers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	394	-	539513 187445



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	<b>Contemporary Trade Directory Entries</b> Name: London City Waste Location: 325, Hainault Road, London, E11 1ES Classification: Rubbish Clearance <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	419	-	539170 188123
100	<b>Contemporary Trade Directory Entries</b> Name: Reltex Leathers Location: 1st Floor, 48 Church Lane, London, E11 1HE Classification: Leather Garments & Products <b>Status:</b> Active Positional Accuracy: Manually positioned within the geographical locality	A8NW (SW)	435	-	539344 187428
100	<b>Contemporary Trade Directory Entries</b> Name: Morris Cleaners Location: 16, Church Lane, London, E11 1HG Classification: Dry Cleaners <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	454	-	539366 187401
100	<b>Contemporary Trade Directory Entries</b> Name: Printing.Com Location: 26, Church Lane, London, E11 1HG Classification: Printers <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	480	-	539323 187388
101	<b>Contemporary Trade Directory Entries</b> Name: Pest & Vermin Control Service Location: High Rd Leytonstone, London, E11 3AA Classification: Pest & Vermin Control <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	463	-	539464 187376
101	<b>Contemporary Trade Directory Entries</b> Name: 24hr Pest & Vermin Control Location: Unit 12 High Rd, London, E11 3AA Classification: Pest & Vermin Control <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	465	-	539464 187374
102	<b>Contemporary Trade Directory Entries</b> Name: David Phillips Services Location: 2a, Harvey Road, London, E11 3DB Classification: Garage Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	480	-	539517 187360
103	<b>Contemporary Trade Directory Entries</b> Name: Bertie Wooster Location: Leytonstone Station, Church Lane, London, E11 1HE Classification: Dry Cleaners <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	481	-	539295 187398
104	<b>Contemporary Trade Directory Entries</b> Name: Ocean Dry Cleaners Location: 801, High Road Leytonstone, London, E11 4QS Classification: Dry Cleaners <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	511	-	539430 187331
105	<b>Contemporary Trade Directory Entries</b> Name: Jaq Printer Location: 628-632, High Road Leytonstone, London, E11 3DA Classification: Printers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	532	-	539494 187307
106	<b>Contemporary Trade Directory Entries</b> Name: K A Motors Location: 68, Fairlop Road, London, E11 1BW Classification: Car Breakdown & Recovery Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	550	-	539047 187511
107	<b>Contemporary Trade Directory Entries</b> Name: Gemini Avl Ltd Location: 12, Barclay Road, London, E11 3DG Classification: Vacuum Cleaners - Sales & Service <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	571	-	539540 187270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	<b>Contemporary Trade Directory Entries</b> Name: Cooper Craft Location: 17a, Barclay Road, London, E11 3DQ Classification: Plastics - Injection Moulding <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NE (S)	603	-	539549 187239
108	<b>Contemporary Trade Directory Entries</b> Name: Pro Cleaners Leytonstone Location: 51, Harrington Road, LONDON, E11 4QN Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NW (SW)	576	-	539296 187296
109	<b>Contemporary Trade Directory Entries</b> Name: Sunrise Location: 781, High Road Leytonstone, London, E11 4QS Classification: Dry Cleaners <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8NW (S)	578	-	539413 187266
110	<b>Contemporary Trade Directory Entries</b> Name: Alan Page Location: 44, Fillebrook Road, London, E11 4AT Classification: Office Equipment Servicing & Maintenance <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	612	-	539118 187351
111	<b>Contemporary Trade Directory Entries</b> Name: Sunny Home Ltd Location: Flat 1, Seton Court, 57, Fairlop Road, London, E11 1BQ Classification: Commercial Cleaning Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	626	-	538947 187523
112	<b>Contemporary Trade Directory Entries</b> Name: Emerich Vidich Location: 2 Michael Rd, London, SW6 2AD Classification: Antiques - Repairing & Restoring <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A8SW (S)	647	-	539475 187192
112	<b>Contemporary Trade Directory Entries</b> Name: Uk Appliance Direct Location: 757, High Road Leytonstone, London, E11 4QS Classification: Electrical Goods Sales, Manufacturers & Wholesalers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	648	-	539409 187195
112	<b>Contemporary Trade Directory Entries</b> Name: Courtstar Garage Services Location: Rear of 598, High Road Leytonstone, London, E11 3DA Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	671	-	539451 187169
112	<b>Contemporary Trade Directory Entries</b> Name: Uk Car Sales Location: 596-598, High Road Leytonstone, London, E11 3DA Classification: Car Dealers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	678	-	539449 187162
112	<b>Contemporary Trade Directory Entries</b> Name: Arry Azran Import Export Ltd Location: 590, High Road Leytonstone, London, E11 3DA Classification: Car Dealers - Used <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	699	-	539452 187141
113	<b>Contemporary Trade Directory Entries</b> Name: A & B Domestic Repairs Location: 47, Vernon Road, London, E11 4QT Classification: Domestic Appliances - Servicing, Repairs & Parts <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	689	-	539277 187183
114	<b>Contemporary Trade Directory Entries</b> Name: Discount Domestic Location: 731, High Road Leytonstone, London, E11 4QS Classification: Washing Machines - Servicing & Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	728	-	539402 187116



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	<b>Contemporary Trade Directory Entries</b> Name: Leytonstone Motors Ltd Location: 725-727, High Road Leytonstone, London, E11 4RD Classification: Car Breakdown & Recovery Services <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	759	-	539400 187085
115	<b>Contemporary Trade Directory Entries</b> Name: Cash Links Location: 54, Bulwer Road, London, E11 1BX Classification: Electrical Goods Sales, Manufacturers & Wholesalers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	733	-	538869 187447
116	<b>Contemporary Trade Directory Entries</b> Name: Essex Road Motors Location: 207, Forest Road, London, E11 1LE Classification: Garage Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	753	-	538734 187843
117	<b>Contemporary Trade Directory Entries</b> Name: Browns Photocopier Repairs Location: 57, Leybourne Road, London, E11 3BS Classification: Photocopiers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	756	-	539916 187207
117	<b>Contemporary Trade Directory Entries</b> Name: A-Z Carpet & Upholstery Cleaners Location: 65, Leybourne Road, London, E11 3BS Classification: Carpet, Curtain & Upholstery Cleaners <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	767	-	539938 187209
118	<b>Contemporary Trade Directory Entries</b> Name: Joana-Rose Services Location: 11, Vernon Road, London, E11 4QT Classification: Commercial Cleaning Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	758	-	539327 187098
119	<b>Contemporary Trade Directory Entries</b> Name: Collins Heatin Services Location: 31, Bushwood, London, E11 3BN Classification: Boilers - Servicing, Replacements & Repairs <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	763	-	540006 187267
120	<b>Contemporary Trade Directory Entries</b> Name: G N R Motors Location: Rear of 1, Lister Road, London, E11 3DS Classification: Garage Services <b>Status:</b> Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	766	-	539481 187073
121	<b>Contemporary Trade Directory Entries</b> Name: J Dry Cleaners Location: 719 High Rd Leytonstone, London, E11 4RD Classification: Dry Cleaners <b>Status:</b> Inactive Positional Accuracy: Manually positioned to the address or location	A8SW (S)	782	-	539396 187062
121	<b>Contemporary Trade Directory Entries</b> Name: Central Tyre Location: 703-713, High Road Leytonstone, London, E11 4RD Classification: Tyre Dealers <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	811	-	539373 187036
121	<b>Contemporary Trade Directory Entries</b> Name: Alcan Aluminium Can Recycling Location: 703, High Road Leytonstone, London, E11 4RD Classification: Recycling Centres <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	811	-	539373 187036
122	<b>Contemporary Trade Directory Entries</b> Name: Whipps Cross Hospital Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1RG Classification: Hospitals <b>Status:</b> Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	792	-	538923 188409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	<b>Contemporary Trade Directory Entries</b> Name: Hughes Plastics Location: Spratt Hall Rd, Wanstead, London, E11 2RQ Classification: Precision Engineers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A19SE (NE)	834	-	540293 188382
124	<b>Contemporary Trade Directory Entries</b> Name: Hyclass Location: 33, Southwest Road, London, E11 4AW Classification: Commercial Cleaning Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	841	-	538889 187248
124	<b>Contemporary Trade Directory Entries</b> Name: D & C Cars Location: 2a, Scarborough Road, London, E11 4AL Classification: Garage Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NE (SW)	874	-	538881 187210
125	<b>Contemporary Trade Directory Entries</b> Name: Shiny House Cleaning Ltd Location: Flat 5, Trent Court, New Wanstead, London, E11 2TF Classification: Cleaning Services - Domestic <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	862	-	540146 188589
126	<b>Contemporary Trade Directory Entries</b> Name: Lester Furs Ltd Location: Overton Dr, London, E11 2NJ Classification: Furriers <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	868	-	540406 187590
127	<b>Contemporary Trade Directory Entries</b> Name: Orashe Heating & Plumbing Services Location: Flat 3, Bulwer Court, Bulwer Court Road, LONDON, E11 1DB Classification: Boilers - Servicing, Replacements & Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	877	-	538755 187357
128	<b>Contemporary Trade Directory Entries</b> Name: Ninja Cleaning Agency Location: Peterborough Road, London, e10 6el Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	882	-	538725 188285
128	<b>Contemporary Trade Directory Entries</b> Name: Smits Family Business Location: 127, Peterborough Road, London, E10 6EL Classification: Cleaning Services - Domestic <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A17SW (NW)	918	-	538709 188327
129	<b>Contemporary Trade Directory Entries</b> Name: A Hall & Co Location: 7, Davies Lane, London, E11 3DR Classification: Sheet Metal Work <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	883	-	539464 186956
130	<b>Contemporary Trade Directory Entries</b> Name: Jewson Location: Railway Arches, Joseph Ray Road, London, E11 4RA Classification: Builders' Merchants <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	892	-	539255 186978
131	<b>Contemporary Trade Directory Entries</b> Name: Bowl Service Station Location: 675-683 High Rd Leytonstone, London, E11 4RD Classification: Petrol Filling Stations - 24 Hour <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the address or location	A8SW (S)	896	-	539388 186948
132	<b>Contemporary Trade Directory Entries</b> Name: Metal Recycling Location: 208-209, Railway Arches, Grove Green Road, LONDON, E11 4AJ Classification: Scrap Metal Merchants <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SW (SW)	914	-	538861 187174



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	<b>Contemporary Trade Directory Entries</b> Name: T & C Metal Recycling Ltd Location: 208-209, Railway Arches, Grove Green Road, London, E11 4AJ Classification: Scrap Metal Merchants <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	914	-	538879 187157
132	<b>Contemporary Trade Directory Entries</b> Name: London Door Stripping Location: Arch 24 Railway Arches, Grove Green Road, London, E11 4AJ Classification: Paint & Varnish Stripping <b>Status: Active</b> Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	914	-	538878 187158
132	<b>Contemporary Trade Directory Entries</b> Name: Safegas Location: 223, Railway Arches, Dyers Hall Road, London, E11 4AF Classification: Boilers - Servicing, Replacements & Repairs <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	914	-	538877 187159
132	<b>Contemporary Trade Directory Entries</b> Name: Arctic Cooling Location: 2, Richmond Road, London, E11 4BA Classification: Air Conditioning & Refrigeration Contractors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SW (SW)	925	-	538862 187159
132	<b>Contemporary Trade Directory Entries</b> Name: Artic Services Location: 4, Richmond Road, London, E11 4BA Classification: Air Conditioning & Refrigeration Contractors <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7SW (SW)	929	-	538860 187154
133	<b>Contemporary Trade Directory Entries</b> Name: Hills Automobiles (Woodford) Ltd Location: 568-576, High Road Leytonstone, London, E11 3DH Classification: Car Dealers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned in the proximity of the address	A8SW (S)	921	-	539429 186920
133	<b>Contemporary Trade Directory Entries</b> Name: Franklyn Location: High Rd Leytonstone, London, E11 4RD Classification: Waste Merchants <b>Status: Inactive</b> Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	932	-	539388 186912
134	<b>Contemporary Trade Directory Entries</b> Name: Tarantula Electronics Location: 64, Cavendish Drive, London, E11 1DL Classification: Domestic Appliances - Servicing, Repairs & Parts <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A7NW (SW)	938	-	538700 187329
135	<b>Contemporary Trade Directory Entries</b> Name: Auto Tecnix Location: 249-250, Railway Arches, Joseph Ray Road, London, E11 4RA Classification: Mot Testing Centres <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	939	-	539258 186928
135	<b>Contemporary Trade Directory Entries</b> Name: Omega Metal Location: 254-256, Railway Arches, Joseph Ray Road, London, E11 4RA Classification: Metal Workers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	939	-	539297 186919
135	<b>Contemporary Trade Directory Entries</b> Name: Top Dog Joinery Location: 252, Railway Arches, Joseph Ray Road, London, E11 4RA Classification: Joinery Manufacturers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	950	-	539284 186911
136	<b>Contemporary Trade Directory Entries</b> Name: Shieldrule Ltd Location: Unit 255 Joseph Ray Rd, Leytonstone, London, E11 4RA Classification: Door Manufacturers - Industrial <b>Status: Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A8SW (S)	939	-	539324 186914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	<b>Contemporary Trade Directory Entries</b> Name: Leytonstone Autos Location: A T K Autos, 4, Joseph Ray Road, Leytonstone, E11 1AA Classification: Garage Services <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A8SW (S)	945	-	539357 186903
136	<b>Contemporary Trade Directory Entries</b> Name: Lipp & Co. Location: Unit 2-3, The Hitchcock Business Centre, Station Approach, High Road Leytonstone, London, E11 4RE Classification: Freight Forwarders <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A3NW (S)	981	-	539341 186869
137	<b>Contemporary Trade Directory Entries</b> Name: Connaught Day Hospital Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Classification: Hospitals <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	942	-	538863 188563
137	<b>Contemporary Trade Directory Entries</b> Name: Whipps Cross University Hospital Nhs Trust Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Classification: Hospitals <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	942	-	538863 188563
137	<b>Contemporary Trade Directory Entries</b> Name: Whipps Cross University Hospital Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Classification: Hospitals <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	942	-	538863 188563
137	<b>Contemporary Trade Directory Entries</b> Name: Whipps Cross University Hospital Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Classification: Hospitals <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	943	-	538863 188563
138	<b>Contemporary Trade Directory Entries</b> Name: I & K Brown Ltd Location: The Garage, Church Path, London, E11 2SS Classification: Mot Testing Centres <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19SE (NE)	954	-	540312 188556
139	<b>Contemporary Trade Directory Entries</b> Name: Aldersbrook Ltd Location: Woodbine Place, London, E11 2RH Classification: Joinery Manufacturers <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A19SE (E)	964	-	540498 188265
140	<b>Contemporary Trade Directory Entries</b> Name: Peter'S Dry Cleaners Location: 326, Grove Green Road, London, E11 4EA Classification: Dry Cleaners <b>Status: Active</b> Positional Accuracy: Automatically positioned to the address	A7SE (SW)	973	-	538907 187058
141	<b>Contemporary Trade Directory Entries</b> Name: Speedflow Products Location: 3, Hollybush Close, London, E11 1PZ Classification: Hose, Tubing & Fittings <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A19NW (NE)	981	-	540074 188782
142	<b>Contemporary Trade Directory Entries</b> Name: Domestic Hands Location: 31, Ferndale Road, London, E11 3DW Classification: Cleaning Services - Domestic <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A3NE (S)	997	-	539548 186844



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	<b>Fuel Station Entries</b> Name: Greenman Service Station Location: 13, Hollybush Hill Lonsdale Road, Langstead , London, Outer London, E11 1PP Brand: Jet Premises Type: Petrol Station <b>Status: Open</b> Positional Accuracy: Manually positioned to the address or location	A14NW (E)	322	-	539905 188017
144	<b>Fuel Station Entries</b> Name: Hills Sports Car Centre Location: 568-588, High Road Leytonstone Lister Road, Leytonstone , London, Outer London, E11 3DA Brand: Bp Premises Type: Not Applicable <b>Status: Obsolete</b> Positional Accuracy: Manually positioned to the address or location	A8SW (S)	770	-	539453 187070
145	<b>Fuel Station Entries</b> Name: Bowl Service Station Location: 679, High Road , Leytonstone , London, Outer London, E11 4RD Brand: Obsolete Premises Type: Not Applicable <b>Status: Obsolete</b> Positional Accuracy: Manually positioned to the address or location	A8SW (S)	896	-	539388 186948
146	<b>Points of Interest - Commercial Services</b> Name: Icon Car Keys Location: Unit 1 At Tesco Gainsborough Road, London, E11 1HT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	202	7	539704 187740
147	<b>Points of Interest - Commercial Services</b> Name: Car-rak Location: 3 Lemna Road, London, E11 1JL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (S)	226	7	539511 187614
147	<b>Points of Interest - Commercial Services</b> Name: Cargocost Location: 3 Lemna Road, London, E11 1JL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (S)	227	7	539511 187613
147	<b>Points of Interest - Commercial Services</b> Name: Reliance Export Ltd Location: 6 Gainsborough Road, London, E11 1HT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (S)	228	7	539550 187618
148	<b>Points of Interest - Commercial Services</b> Name: D C Dodd Location: 13-18 Hollybush Hill, Wanstead, London, E11 1PP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	328	7	539908 188026
148	<b>Points of Interest - Commercial Services</b> Name: D C Dodd Motor Repairs Location: 13 Hollybush Hill, London, E11 1PP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	328	7	539908 188026
148	<b>Points of Interest - Commercial Services</b> Name: D C Dodd Motor Repairs Location: Petrol Filling Station 13-18, Hollybush Hill, London, E11 1PP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	328	7	539908 188026
148	<b>Points of Interest - Commercial Services</b> Name: D C Dodd Motor Repairs Location: 13 Hollybush Hill, London, E11 1PP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	328	7	539908 188026

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	<b>Points of Interest - Commercial Services</b> Name: Lonsdale Motors Location: 37 Lonsdale Road, London, E11 2PH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	388	7	539988 187903
149	<b>Points of Interest - Commercial Services</b> Name: Lonsdale Motors Location: 37 Lonsdale Road, London, E11 2PH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	388	7	539988 187903
150	<b>Points of Interest - Commercial Services</b> Name: David Phillips Location: 2a Harvey Road, London, E11 3DB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	480	7	539517 187360
150	<b>Points of Interest - Commercial Services</b> Name: David Phillips Services Location: 2a Harvey Road, London, E11 3DB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	480	7	539517 187360
151	<b>Points of Interest - Commercial Services</b> Name: K A Motors Location: 68 Fairlop Road, London, E11 1BW Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7NE (SW)	550	7	539047 187511
152	<b>Points of Interest - Commercial Services</b> Name: Forest Garage Location: 105 Forest Road, London, E11 1JS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	559	7	538948 187990
152	<b>Points of Interest - Commercial Services</b> Name: Forest Garage Location: 105 Forest Road, London, E11 1JS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	581	7	538924 187985
153	<b>Points of Interest - Commercial Services</b> Name: Courtstar Location: Rear Of 598, High Road Leytonstone, London, E11 3DA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	671	7	539451 187169
153	<b>Points of Interest - Commercial Services</b> Name: Courtstar Garage Services Location: Rear of 598, High Road Leytonstone, London, E11 3DA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	671	7	539451 187169
154	<b>Points of Interest - Commercial Services</b> Name: Essex Road Motors Location: 207 Forest Road, London, E11 1LE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	753	7	538734 187843
154	<b>Points of Interest - Commercial Services</b> Name: Essex Road Motors Location: 207 Forest Road, London, E11 1LE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	753	7	538734 187842
155	<b>Points of Interest - Commercial Services</b> Name: G N R Motors Location: Lister Road, London, E11 3DS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	766	7	539481 187073



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	<b>Points of Interest - Commercial Services</b> Name: G N R Motors Location: Rear of 1, Lister Road, London, E11 3DS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	806	7	539473 187033
156	<b>Points of Interest - Commercial Services</b> Name: Scarborough Garage Location: 2a Scarborough Road, London, E11 4AL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	874	7	538881 187210
156	<b>Points of Interest - Commercial Services</b> Name: Metal Recycling Location: 208-209 Railway Arches, Grove Green Road, London, E11 4AJ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7SW (SW)	914	7	538861 187174
156	<b>Points of Interest - Commercial Services</b> Name: T & C Metal Recycling Ltd Location: 208-209 Railway Arches, Grove Green Road, London, E11 4AJ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7SW (SW)	914	7	538861 187174
156	<b>Points of Interest - Commercial Services</b> Name: T & C Metal Recycling Ltd Location: 208-209 Railway Arches, Grove Green Road, London, E11 4AJ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7SW (SW)	914	7	538861 187174
157	<b>Points of Interest - Commercial Services</b> Name: Auto Technix Location: 249-250 Railway Arches, Joseph Ray Road, London, E11 4RA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	939	7	539258 186928
157	<b>Points of Interest - Commercial Services</b> Name: Auto Tecnix Location: 250 Railway Arches, Joseph Ray Road, London, E11 4RA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	946	7	539292 186913
158	<b>Points of Interest - Commercial Services</b> Name: Leytonstone Autos Location: Railway Arches, Joseph Ray Road, London, E11 4RA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	945	7	539358 186903
158	<b>Points of Interest - Commercial Services</b> Name: Lipp & Co. Location: Unit 2-3 The Hitchcock Business Centre Station Approach, High Road Leytonstone, London, E11 4RE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A3NW (S)	981	7	539341 186869
159	<b>Points of Interest - Commercial Services</b> Name: I & K Brown Ltd Location: The Garage, Church Path, London, E11 2SS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	954	7	540312 188556
159	<b>Points of Interest - Commercial Services</b> Name: I & K Brown Automotives Ltd Location: The Garage, Church Path, London, E11 2SS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	954	7	540312 188556
160	<b>Points of Interest - Education and Health</b> Name: Whipps Cross University Hospital Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A17SE (NW)	806	7	538974 188480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	<b>Points of Interest - Education and Health</b> Name: Whipps Cross University Hospital Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A17NW (NW)	942	7	538863 188562
161	<b>Points of Interest - Education and Health</b> Name: Whipps Cross University Hospital Location: Whipps Cross Hospital, Whipps Cross Road, Leytonstone, London, E11 1NR Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A17NW (NW)	942	7	538863 188563
161	<b>Points of Interest - Education and Health</b> Name: Whipps Cross University Hospital Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A17NW (NW)	942	7	538863 188563
161	<b>Points of Interest - Education and Health</b> Name: Whipps Cross University Hospital Location: Whipps Cross Hospital, Whipps Cross Road, London, E11 1NR Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A17NW (NW)	942	7	538863 188563
162	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	213	7	539638 187676
162	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: E11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	213	7	539638 187676
163	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: E11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	368	7	539578 187480
163	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	383	7	539641 187483
164	<b>Points of Interest - Manufacturing and Production</b> Name: London Business Services Location: 2 Harrington Road, London, E11 4QW Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A8SW (S)	643	7	539382 187205
165	<b>Points of Interest - Manufacturing and Production</b> Name: Tanks Location: E10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	902	7	538824 188463
165	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: E10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	911	7	538759 188395
165	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: E10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	921	7	538752 188401



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: E10 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	945	7	538748 188438
166	<b>Points of Interest - Manufacturing and Production</b> Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	925	7	539465 186914
167	<b>Points of Interest - Public Infrastructure</b> Name: Waltham House Police Station Location: 11 Kirkdale Road, London, E11 1HP Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A13SW (SW)	279	7	539401 187573
168	<b>Points of Interest - Public Infrastructure</b> Name: Star Garage Location: 13 Hollybush Hill, London, E11 1PP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	312	7	539895 188015
168	<b>Points of Interest - Public Infrastructure</b> Name: Keran Retail Ltd Location: 13 Hollybushhill, Wanstead, London, E11 2PP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	314	7	539896 188019
168	<b>Points of Interest - Public Infrastructure</b> Name: Jet Garage Location: 13-18 Hollybush Hill, London, E11 1PP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	322	7	539905 188017
168	<b>Points of Interest - Public Infrastructure</b> Name: Greenman Service Station Location: 13-18 Hollybush Hill, London, E11 1PP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	322	7	539905 188017
168	<b>Points of Interest - Public Infrastructure</b> Name: Keran Retail Ltd Location: Petrol Filling Station 13-18, Hollybush Hill, London, E11 1PP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NW (E)	328	7	539908 188026
169	<b>Points of Interest - Public Infrastructure</b> Name: Burial Ground Location: E11 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	606	7	540066 187525
169	<b>Points of Interest - Public Infrastructure</b> Name: Burial Ground Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	607	7	540066 187524
169	<b>Points of Interest - Public Infrastructure</b> Name: Burial Ground Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	650	7	540074 187468
170	<b>Points of Interest - Public Infrastructure</b> Name: Wanstead Police Station Location: Wanstead Police Station, Spratt Hall Road, London, E11 2RQ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SE (NE)	801	7	540256 188378

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	<b>Points of Interest - Public Infrastructure</b> Name: Metropolitan Police Service Location: Wanstead Police Station, Spratt Hall Road, London, E11 2RQ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SE (NE)	801	7	540256 188378
170	<b>Points of Interest - Public Infrastructure</b> Name: Metropolitan Police Service Wanstead Location: Wanstead Police Station, Spratt Hall Road, London, E11 2RQ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A19SE (NE)	801	7	540256 188378
171	<b>Points of Interest - Public Infrastructure</b> Name: T & C Metal Recycling Ltd Location: 208-209 Railway Arches, Grove Green Road, London, E11 4AJ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7SE (SW)	914	7	538879 187157
172	<b>Points of Interest - Public Infrastructure</b> Name: Leytonstone High Road Rail Station Location: Trinity Close, E11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A7SE (S)	949	7	539203 186933
172	<b>Points of Interest - Public Infrastructure</b> Name: Leytonstone High Road Station Location: Trinity Close, E11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A7SE (S)	949	7	539203 186933
173	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Browning Road, E11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SE (SE)	402	7	539875 187620
173	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Browning Road, E11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SW (SE)	409	7	539895 187629
174	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	728	7	539095 187226
174	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Dyers Hall Road, E11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	731	7	539089 187226
175	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	946	7	540453 188324
175	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Woodbine Place, E11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SE (NE)	946	7	540453 188324



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1495706 Area(m²): 42377.74 Type: Ancient and Semi-Natural Woodland	A18SW (NW)	465	8	539254 188267
177	<b>Ancient Woodland</b> Name: Epping-Bush Wood Reference: 1495774 Area(m²): 122544.54 Type: Ancient and Semi-Natural Woodland	A14SW (SE)	590	8	540093 187589
178	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1495722 Area(m²): 20914.72 Type: Ancient and Semi-Natural Woodland	A17SE (NW)	801	8	539069 188545
179	<b>Areas of Adopted Green Belt</b> Authority: London Borough of Waltham Forest Plan Name: Lb Of Waltham Forest Unitary Development Plan - First Review Status: <b>Adopted</b> Plan Date: 31st March 2006	A13NE (E)	177	9	539777 187901
180	<b>Areas of Adopted Green Belt</b> Authority: London Borough of Redbridge Plan Name: Borough Wide Primary Policies Status: <b>Adopted</b> Plan Date: 15th May 2008	A14SW (E)	413	10	540010 187860
181	<b>Areas of Adopted Green Belt</b> Authority: London Borough of Redbridge Plan Name: Borough Wide Primary Policies Status: <b>Adopted</b> Plan Date: 15th May 2008	A19SW (NE)	610	10	539887 188461
182	<b>Areas of Unadopted Green Belt</b> Authority: London Borough of Redbridge Plan Name: Redbridge Local Plan Status: <b>Submission Draft</b> Plan Date: 3rd March 2017	A14SW (E)	417	10	540011 187844
183	<b>Areas of Unadopted Green Belt</b> Authority: London Borough of Redbridge Plan Name: Redbridge Local Plan Status: <b>Submission Draft</b> Plan Date: 3rd March 2017	A19SW (NE)	610	10	539887 188461
184	<b>Nitrate Vulnerable Zones</b> Name: Lee Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (SW)	0	5	539543 187881
185	<b>Nitrate Vulnerable Zones</b> Name: Roding (Cripsey Brook To Loxford Water) Nvz Description: Surface Water Source: Environment Agency, Head Office	A14NW (NE)	383	5	539900 188157
186	<b>Sites of Special Scientific Interest</b> Name: Epping Forest Multiple Areas: Y Total Area (m2): 17879228.79 Source: Natural England Reference: 1001814 Designation Details: Scheduled Ancient Monument Designation Date: 5th March 1990 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 5th March 1990 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 5th March 1990 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 5th March 1990 Date Type: Notified	A13NE (NE)	181	8	539729 188048
187	<b>Special Areas of Conservation</b> Name: Epping Forest Multiple Areas: Y Total Area (m2): 16288655.63 Source: Natural England Reference: UK0012720 Status: <b>Designated</b>	A13NE (NE)	181	8	539729 188048

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> London Borough of Barking And Dagenham - Health and Consumer Services London Borough of Newham - Environmental Health Department London Borough of Waltham Forest - Environmental Health Department Epping Forest District Council - Environmental Health Department London Borough of Haringey - Planning and Environmental Health London Borough of Redbridge - Environmental Health Department London Borough of Tower Hamlets - Environmental Health Department London Borough of Hackney - Environmental Health Department London Borough of Enfield - Environmental Services	July 2014 March 2015 October 2013 October 2014 October 2014 October 2014 October 2014 October 2017 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Thames Region	January 2019	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Thames Region	March 2013	Annual Rolling Update
<b>Integrated Pollution Controls</b> Environment Agency - Thames Region	October 2008	Variable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region	January 2019 January 2019 January 2019	Quarterly Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> London Borough of Redbridge - Environmental Health Department London Borough of Enfield - Environmental Health Department London Borough of Haringey - Planning and Environmental Health London Borough of Hackney - Environmental Health Department Epping Forest District Council - Environmental Health Department London Borough of Barking And Dagenham - Environmental Health Department London Borough of Tower Hamlets - Environmental Health Department London Borough of Newham - Environmental Health Department London Borough of Waltham Forest - Environmental Health Department	December 2014 January 2015 June 2014 March 2015 May 2016 May 2016 October 2014 September 2013 September 2014	Variable Variable Variable Variable Variable Variable Variable Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> London Borough of Redbridge - Environmental Health Department London Borough of Enfield - Environmental Health Department London Borough of Haringey - Planning and Environmental Health London Borough of Hackney - Environmental Health Department London Borough of Newham - Environmental Health Department Epping Forest District Council - Environmental Health Department London Borough of Barking And Dagenham - Environmental Health Department London Borough of Tower Hamlets - Environmental Health Department London Borough of Waltham Forest - Environmental Health Department	December 2014 January 2015 June 2014 March 2015 March 2015 May 2016 May 2016 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> London Borough of Redbridge - Environmental Health Department London Borough of Enfield - Environmental Health Department London Borough of Haringey - Planning and Environmental Health London Borough of Hackney - Environmental Health Department Epping Forest District Council - Environmental Health Department London Borough of Barking And Dagenham - Environmental Health Department London Borough of Tower Hamlets - Environmental Health Department London Borough of Newham - Environmental Health Department London Borough of Waltham Forest - Environmental Health Department	December 2014 January 2015 June 2014 March 2015 May 2016 May 2016 October 2014 September 2013 September 2014	Variable Variable Variable Variable Variable Variable Variable Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	September 2017	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Thames Region	September 1999	Not Applicable



Agency & Hydrological	Version	Update Cycle
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Thames Region	March 2013	Annual Rolling Update
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Thames Region	March 2013	Annual Rolling Update
<b>Registered Radioactive Substances</b> Environment Agency - Thames Region	June 2016	
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area	January 2019 January 2019 January 2019	Quarterly Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - Thames Region	January 2019	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Thames Region	October 2017	Quarterly
<b>Groundwater Vulnerability</b> Environment Agency - Head Office	April 2015	Not Applicable
<b>Drift Deposits</b> Environment Agency - Head Office	January 1999	Not Applicable
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	January 2018	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2018	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2018	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	August 2018	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	August 2018	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2018	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	October 2018	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	Annually

Agency & Hydrological	Version	Update Cycle
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	July 2018	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Thames Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area	July 2018 July 2018 July 2018	Quarterly Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area	January 2019 January 2019 January 2019	Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Epping Forest District Council Essex County Council London Borough of Barking And Dagenham - Environmental Health Department London Borough of Enfield - Environmental Health Department London Borough of Hackney London Borough of Haringey - Planning Department London Borough of Newham London Borough of Redbridge - Environmental Health Department London Borough of Tower Hamlets - Environmental Health Department London Borough of Waltham Forest - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> London Borough of Tower Hamlets - Environmental Health Department London Borough of Enfield - Environmental Health Department Epping Forest District Council London Borough of Barking And Dagenham - Environmental Health Department London Borough of Hackney London Borough of Haringey - Planning Department London Borough of Newham London Borough of Redbridge - Environmental Health Department London Borough of Waltham Forest - Environmental Health Department Essex County Council	April 2003 February 2003 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 November 2004	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Thames Region - North East Area	March 2003	Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Thames Region - North East Area	June 2015	Not Applicable



Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Variable
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Epping Forest District Council - Planning Services Essex County Council London Borough of Barking And Dagenham London Borough of Enfield - Planning Department London Borough of Hackney London Borough of Haringey London Borough of Newham London Borough of Redbridge London Borough of Tower Hamlets London Borough of Waltham Forest - Environmental Services	February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable Variable Variable Variable Variable Variable
<b>Planning Hazardous Substance Consents</b> Epping Forest District Council - Planning Services Essex County Council London Borough of Barking And Dagenham London Borough of Enfield - Planning Department London Borough of Hackney London Borough of Haringey London Borough of Newham London Borough of Redbridge London Borough of Tower Hamlets London Borough of Waltham Forest - Environmental Services	February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable Variable Variable Variable Variable Variable

Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	November 2018	Bi-Annually
<b>BGS Urban Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>BGS Urban Soil Chemistry Averages</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually



Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	January 2019	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	November 2018	Quarterly
<b>Gas Pipelines</b> National Grid	July 2014	
<b>Points of Interest - Commercial Services</b> PointX	November 2018	Quarterly
<b>Points of Interest - Education and Health</b> PointX	November 2018	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	November 2018	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	November 2018	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	November 2018	Quarterly
<b>Underground Electrical Cables</b> National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	August 2018	Bi-Annually
<b>Areas of Adopted Green Belt</b> Epping Forest District Council - Planning Services London Borough of Barking And Dagenham London Borough of Enfield London Borough of Haringey London Borough of Newham London Borough of Redbridge London Borough of Waltham Forest	August 2018 August 2018 August 2018 August 2018 August 2018 August 2018 August 2018	As notified As notified As notified As notified As notified As notified As notified
<b>Areas of Unadopted Green Belt</b> Epping Forest District Council - Planning Services London Borough of Barking And Dagenham London Borough of Enfield London Borough of Haringey London Borough of Newham London Borough of Redbridge London Borough of Waltham Forest	August 2018 August 2018 August 2018 August 2018 August 2018 August 2018 August 2018	As notified As notified As notified As notified As notified As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	August 2018	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	August 2018	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	January 2018	Bi-Annually
<b>National Nature Reserves</b> Natural England	August 2018	Bi-Annually
<b>National Parks</b> Natural England	April 2017	Bi-Annually
<b>Nitrate Vulnerable Zones</b> Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2018	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	October 2018	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	August 2018	Bi-Annually
<b>Special Protection Areas</b> Natural England	August 2018	Bi-Annually



A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>London Borough of Redbridge - Environmental Health Department</b> Perth Terrace, Perth Road, Ilford, Essex, IG2 6AT	Telephone: 020 8478 3020 Fax: 020 8478 9529 Website: www.redbridge.gov.uk
4	<b>London Borough of Waltham Forest - Environmental Health Department</b> 154 Blackhorse Road, Walthamstow, London, E17 6NW	Telephone: 020 8496 3000 Fax: 0181 524 8960 Website: www.lbwf.gov.uk
5	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	<b>London Borough of Waltham Forest</b> Chingford Municipal Offices, Ridgeway, London, E4 6PS	Telephone: 020 8496 3000 Fax: 020 8524 8960 Website: www.lbwf.gov.uk
10	<b>London Borough of Redbridge</b> Town Hall, High Road, Ilford, Essex, IG1 1DD	Telephone: 020 8478 3020 Fax: 020 8478 9133 Website: www.redbridge.gov.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



## **APPENDIX C**

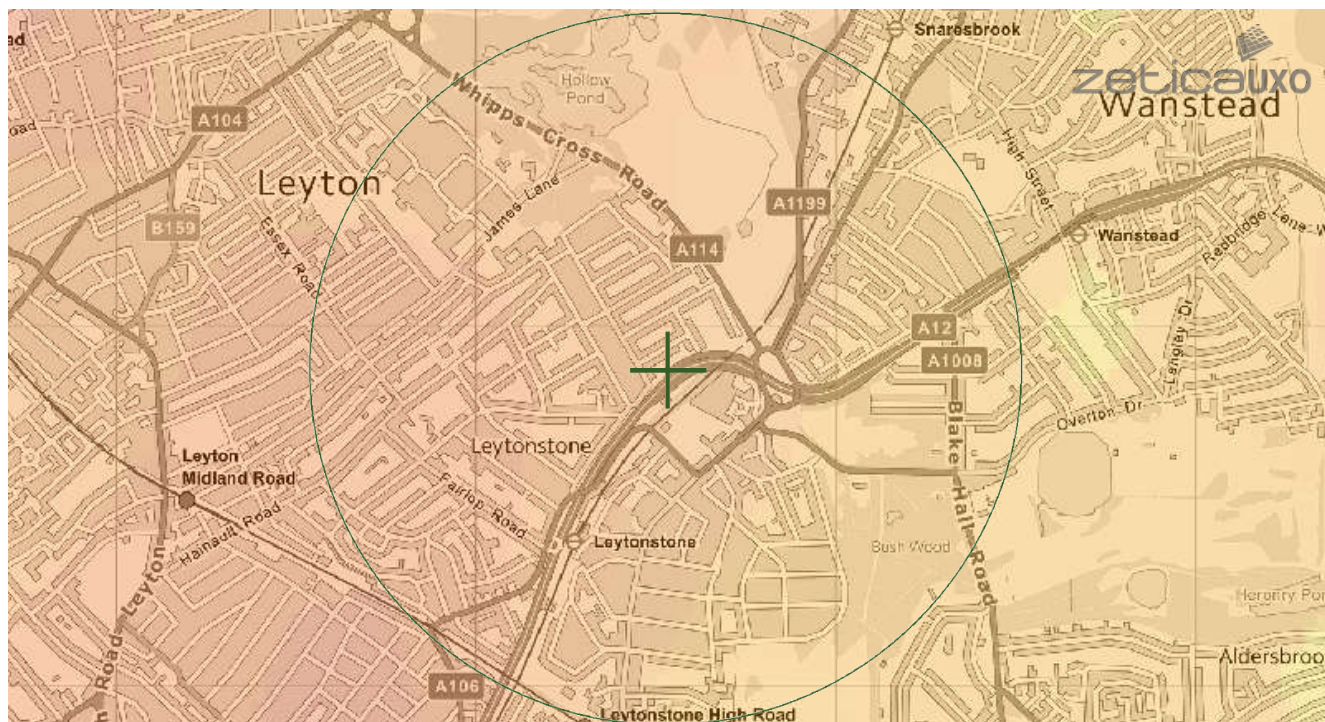
### **Zetica UXO Map and Pre-Desk Study Assessment**

# UNEXPLODED BOMB RISK MAP



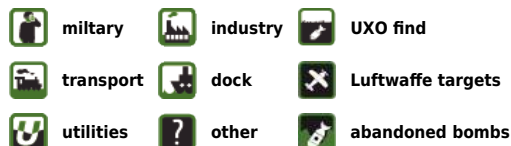
## SITE LOCATION

Map Centre: 539539,187881



## LEGEND

### London Bomb Risk



### How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment\* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment\* is necessary.

### Relative UXB risk across London

The relative risk for the London area is established by plotting the recorded bombing densities.

These are represented as counts of high explosive bombs in km2 area. The areas coloured green represent a record of less than 10 bombs per km2.

Compared to other areas of the UK, this still represents a significant density. However, this is much lower than parts of Central London, where the red colouration indicates in excess of 150 bombs falling per km2, representing a very significant bombing density.

### What do I do if my site is in a moderate or high density area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites with a moderate or high bombing density.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

**Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.**

### If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

### If I have any questions, who do I contact?

tel: +44 (0) 1993 886682

email: [uxo@zetica.com](mailto:uxo@zetica.com)

web: [www.zeticauxo.com](http://www.zeticauxo.com)

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (<https://zeticauxo.com/downloads-and-resources/risk-maps/>)

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

\*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.



## Pre-Desk Study Assessment

<b>Site:</b>	Leyton Road, Waltham, London
<b>Client:</b>	Arcadis
<b>Contact:</b>	Elizabeth Robinson
<b>Date:</b>	20 <sup>th</sup> February 2019
<b>Pre-WWI Military Activity on or Affecting the Site</b>	None identified.
<b>WWI Military Activity on or Affecting the Site</b>	None identified.
<b>WWI Strategic Targets (within 5km of Site)</b>	<p>The following strategic targets were located in the vicinity of the Site:</p> <ul style="list-style-type: none"> <li>■ Industry important to the war effort, including munitions manufacturing and engineering works.</li> <li>■ Military training areas.</li> <li>■ Transport infrastructure and public utilities.</li> <li>■ Anti-Aircraft (AA) guns.</li> </ul>
<b>WWI Bombing</b>	<p>None identified on the Site.</p> <p>On the 31<sup>st</sup> May 1915 1No. HE bomb fell on Colworth Road, approximately 0.2km northwest of the Site.</p>
<b>Interwar Military Activity on or Affecting the Site</b>	None identified.
<b>WWII Military Activity on or Affecting the Site</b>	None identified.
<b>WWII Strategic Targets (within 5km of Site)</b>	<p>The following strategic targets were located in the vicinity of the Site:</p> <ul style="list-style-type: none"> <li>■ Industry important to the war effort, including iron and engineering works.</li> <li>■ Military camps.</li> <li>■ Transport infrastructure and public utilities.</li> <li>■ AA and anti-invasion defences.</li> </ul>
<b>WWII Bombing Decoys (within 5km of Site)</b>	None.
<b>WWII Bombing</b>	<p>During WWII the Site was located in the Municipal Borough (MB) of Leyton, which officially recorded 419No. High Explosive (HE) bombs with a regional bombing density of 176.9 bombs per 405 hectares (ha).</p> <p>Readily available records indicate that several HE bombs fell in close proximity to the Site.</p>
<b>Post-WWII Military Activity on or Affecting the Site</b>	None identified.
<b>Recommendation</b>	It is recommended that a detailed desk study is commissioned to assess, and potentially zone, the Unexploded Ordnance (UXO) hazard level on the Site

This summary is based on a cursory review of readily available records. Caution is advised if you plan to action work based on this summary.

It should be noted that where a potentially significant source of UXO hazard has been identified on the Site, the requirement for a detailed desk study and risk assessment has been confirmed and no further research will be undertaken at this stage. It is possible that further in-depth research as part of a detailed UXO desk study and risk assessment may identify other potential sources of UXO hazard on the Site.

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