

**Moor Hall, Romford Road,
Aveley, Romford, Essex, RM15 4UU**

PRELIMINARY CONTAMINATION RISK ASSESSMENT



Witherslack Group

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P21-274pra

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ISSUE	DATE	Written By	Comments
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		Checked by	
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For and on behalf of Paddock Geo Engineering Limited			

1.0 INTRODUCTION

Paddock Geo Engineering Limited (PGE) were instructed by Broadgrove Planning and Developments Ltd on behalf of Witherslack Group; the Client, to undertake a Preliminary Contamination Risk Assessment (Stage 1 Tier 1, formerly Phase 1, of a Site Contamination Assessment) of the subject site, referred to as Moor Hall, Romford Road, Aveley, RM15 4UU.

The overall objective of the Preliminary Contamination Risk Assessment was to inform the Client of the ground conditions and any potential environmental or ground-related risks associated with the development of the site. The Risk Assessment undertaken relates to the conversion of the existing wedding venue to a special educational needs school, with no residential element included. The proposals intend to utilise the existing internal areas of the building, although some additional hardstanding may be introduced to support extra car parking.

1.1 Terms of Reference

- British Standard BS10175:2011 Investigation of Potentially Contaminated Sites - Code of Practice;
- CLR7 Assessment of Risks to Human Health from Land Contamination 2002, DEFRA / Environment Agency (withdrawn);
- CLR8 Potential Contaminants for the assessment of Land 2002, DEFRA / Environment Agency (withdrawn);
- CLR11 Model Procedures for the Management of Land Contamination 2010, DEFRA / Environment Agency (withdrawn);
- Land Contamination Risk Management (LCRM), 2020, Environment Agency;
- PPG23 (PPS23) Planning and pollution control (contaminated land aspects) 2002;
- GPLC1 Guiding Principles for Land Contamination 2010, Environment Agency;
- Environmental Protection Act: 1990 – Contaminated Land Statutory Guidance, April 2012, DEFRA;
- CIRIA C665 Assessing risks posed by hazardous ground gases to buildings, CIRIA 2007; and
- BS 8576:2013 Guidance on investigations for ground gas - Permanent Gases and Volatile Organic Compounds (VOCs).

2.0 THE SITE

2.1 Site Description

The subject site is located in a rural area approximately 500m west of the village of Aveley, Essex. The site is an irregularly shaped plot of land currently occupied by Moor Hall Wedding Venue with associated marquee, stable, soft-landscaped lawns and car parking area. The site access is via an access track located off Romford Road to the east of the subject site.

The site is located in a predominantly rural setting with vegetated fields located adjacent to the east, south and west. An industrial unit is located adjacent to the north site boundary.

The study area covers an area of approximately 0.99 hectares, with the centre of the site at approximate national grid reference 555650, 181310 and postcode RM15 4UU.

Site Location Plans and an Aerial Photograph are presented in Appendix A.

2.2 Proposed Development

The proposed development scheme involves the conversion of the existing wedding venue to a special educational needs school, with no residential element included. The proposals intend to utilise the existing internal areas of the main Hall building, although some additional hardstanding may be introduced to support extra car parking.

As children are understood to be the proposed end users and it is likely that private garden areas are to be included, the soil contamination exposure characteristics for the proposed development will be analogous to residential with plant uptake.

A proposed development plan is presented within Appendix A.

2.3 Walkover Survey

2.3.1 Site Area

A site walkover survey was conducted on 20th August 2021 by a representative of Paddock Geo Engineering Limited. A series of photographs taken during the walkover survey are presented in Appendix B along with a Site Walkover Survey Plan.

As detail in Section 2.1 of this report, the site is an irregularly shaped plot of land, which is currently utilising Moor Hall as a Wedding Venue, the associated land use comprises a marquee, stable, soft landscaped lawn and car parking area. Site access is via a track located in the north-east which connects up with Romford Road c.500m east of the subject site.

At the time of the site walkover the site was currently occupied with Moor Hall located centrally on site. Moor Hall, a two-storey property of masonry construct, is currently utilised as both a residential property and a wedding venue. Other features on site include a large marquee located in the west of the site, a converted stables, used as additional space relating to the wedding venue, located in the north-western corner of the site, a pavilion located in the south/south-east of the site and a car parking area located along the western site boundary.

Three storage and tool sheds/workshops are located around the site. One shed is located along the north/north-eastern site boundary. At the time of the site walkover this shed was used for storage of tools and gardening machinery. The second shed was located in the north-western corner next to the converted stables, again this shed was used for storage of tools. Another storage shed was located in the south of the site, it is currently unknown what equipment was stored in it as no access was available during the site visit. Furthermore, a small area located in the south/south-western corner of the site was noted to have been used for storage of IBC containers full of rainwater and a small amount of building material i.e., brick pallets.

The remainder of the site comprised a mix of soft landscaped well-kept grass lawns and densely vegetated mature and semi-mature trees, used by the wedding venue for photographic scenery backdrops. The road/ access tracks across the site were a mix of gravel surfaced and tarmac.

No significant contaminative sources were identified on site, although anecdotal evidence provided during the walkover uncovered two septic tanks which flowed into the neighbouring field.

2.3.2 Surrounding Area

The site is situated in a predominantly rural areas with vegetated field located adjacent to the east, south and west of site boundaries. An industrial estate is located adjacent to the northern site boundary. The village of Aveley is located approximately 500m east of the subject site.

The Envirocheck Report records thirty contemporary trade directories within 1km of the subject site. Four of these entries are located within 500m, with three currently active. Two entries are located on site, although based on prior knowledge they are actually located adjacent to the northern site boundary. These entries are Crabtree and Hargreeves (Kitchen Furniture Manufacturers) and P T Commercial Ltd (Commercial Car Dealers). The other active entry is Carroll Metals (Scrap Metal Merchants) located 105m north-west.

No fuel filling stations have been identified within the Envirocheck Report.

2.4 ENVIRONMENTAL DATABASE SEARCH

The Envirocheck Report for the site was commissioned on behalf of the Client, to gather significant data relating to the site and the immediate vicinity. A copy of this report is provided in Appendix E. The table below and overleaf summarises the key environmental disclosure data for the site.

Date type	No. of listings (distance from site)				Details
	On-Site	0m to 250m	251m to 500m	501m to 1km	
Geological					
Radon					Less than 1% of homes are at or above the action level. No radon protection measures are necessary in the construction of new dwellings or extensions on site.
BGS Recorded Mineral Sites		2	1	7	Closest - Moor Hill Gravel Pit located 191m N. Opencast for extraction of sand and gravel from the Boyn Hill Gravel Member. Operations have ceased.
Man-made cavities					None identified within 1km of the site.
Natural Cavities					None identified within 1km of the site.
Agency and Hydrological					
Contaminated Land Register Entries and Notices					None identified within 1km of the site.
Enforcement and Prohibition Notices					None identified within 1km of the site.

Data type	No. of listings (distance from site)				Details
	On-Site	0m to 250m	251m to 500m	501m to 1km	
Nearest surface water feature		Yes			Suspected drainage ditch. Three ponds are located within approximately 250m of the subject site.
Pollution or Prevention Controls			4		Aveley Electricity Generation Site located 286m S. Status: Effective.
Groundwater Vulnerability	Yes				See details in Section 2.5.
Discharge Consents			1	4	Nearest - Waste Recycling Plc located 424m SW. Miscellaneous discharge into Stonehouse Sewer. Status: Surrendered.
Water Abstractions				(*17)	None identified within 1km of the site.
Source Protection Zones					None identified within 1km of the site.
Pollution Incidents to Controlled Waters			1	1	Nearest 314m E. Category 2 – Significant incident. See details in Section 2.6.
Substantiated Pollution Incident Register			1		Occurred 349m E in October 2004. Resulted in a Category 2 – significant incident with respect to land impact. Pollutant is listed as commercial and household waste.
BGS Groundwater Flooding Susceptibility	Yes				See details in Section 2.6.
Flooding from rivers and seas					None identified within 1km of the site.
Waste					
Registered landfill sites		2	2	1	See details in Section 2.11.
Historical registered landfill sites		4	4	6	See details in Section 2.11.
Registered waste transfer sites and waste management facilities		2		4	See details in Section 2.11.
Hazardous Substances					
Control of Major Accident Hazard Sites					None identified within 1km of the site.
Explosive sites					None identified within 1km of the site.
Planning Hazardous Substance Consents or explosive sites					None identified within 1km of the site.
Notification of Installations Handling Hazardous Substances					None identified within 1km of the site.
Industrial Land Use					

Date type	No. of listings (distance from site)				Details
	On-Site	0m to 250m	251m to 500m	501m to 1km	
Contemporary Trade Directory Entries	2	1	1	26	Closest Inactive – 452m S – Waste Recycling Group (Waste Disposal Service). Closest Active – 0m S – Crabtree and Hargreaves (Kitchen Furniture).
Fuel Station Entries					None identified within 1km of the site.
Sensitive Land Uses					
Areas of Adopted Greenbelt	2				Two locations on site classified as Areas of Adopted Green Belt.
Ancient Woodland					None identified within 1km of the site.
Areas of Outstanding Natural Beauty (AONB)					None identified within 1km of the site.
RAMSAR sites					None identified within 1km of the site.
Sites of Special Scientific Interest (SSSI)					None identified within 1km of the site.
National Parks and Nature Reserves					None identified within 1km of the site.
Local Nature Reserves					None identified within 1km of the site.
Special Protection Areas and Areas of Conservation					None identified within 1km of the site.
Environmentally Sensitive Areas					None identified within 1km of the site.
Nitrate Vulnerable Zones	1		1		On Site – Southall Sewer and Runningwater Brook Nvz (Surface Water).

2.5 Geology

Information on the underlying geology at the site has been obtained from the British Geological Survey (BGS) Sheet 257 (scale: 1:50,000 dated 1996) for Romford, the BGS Geological Map Viewer and Geological Mapping provided by Landmark within the Envirocheck Report (a copy of which is provided in Appendix C).

The superficial deposits at the site are indicated to comprise the Boyn Hill Gravel Member which was formed up to 2 million years ago during the Quaternary Period in a local environment dominated by rivers. The deposits predominantly comprise sand and gravel.

The bedrock at the site is indicated to comprise the London Clay Formation which was formed approximately 48 to 56 million years ago during the Palaeogene Period in a local environment dominated by deep seas. These deposits predominantly comprise clay and mudstone.

The geological maps provided within the Envirocheck Report (Appendix C) identifies significant Made Ground, Worked Ground and Infilled land within 1km of the site. Infilled Ground is located adjacent to the norther, eastern and southern site boundaries. Made Ground and Worked Ground is located between approximately 500m and 1km north of the site as well as c.750m south-west of the site.

2.5.1 Borehole Records

A search was made of the online BGS database for published borehole records within the area. Two borehole records have been identified within 250m of the subject site. The only borehole with data available is, TQ58SE110, located c.240m south, the borehole identifies Made Ground to a depth of 0.30m overlying a gravel unit to approximately 6.00m which was subsequently underlain by the London Clay Formation to c.68.00m depth (bgl).

2.6 Hydrogeology

The groundwater vulnerability maps for the site and the surrounding areas indicates the superficial Boyn Hill Gravel Member has been designated as a Secondary A Aquifer. In most cases, these are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. The bedrock, London Clay Formation has been designated as Unproductive Strata. In most cases, these rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

There are a total of five discharge consents within 1km of the subject site. The closest consent is recorded 424m south-west and identified as Waste Recycling Group Plc with the consent authorising miscellaneous discharges onto a freshwater stream/river, identified as Stonehouse Sewer. The consent has been surrendered.

The combined groundwater vulnerability on site is considered by Envirocheck to be 'high'. The rating is issued due to the productive superficial aquifer.

The site and surrounding 1km are not located within a Groundwater Source Protection Zone (SPZ).

No groundwater abstractions are located within 1km of the site.

Given the hydrogeological status of the site, the groundwater beneath the site is considered to be of high sensitivity with regards to near surface contamination given the underlying productive strata.

The BGS groundwater flood susceptibility mapping indicates that the site has the potential for groundwater flooding of property situated below ground level and the potential for groundwater flooding to occur at surface.

2.7 Hydrology

The Envirocheck reports the nearest surface water feature is located 14m south-east. Based on online maps no surface water feature has been identified, but this is expected to be a field boundary drain or similar. Three ponds were identified within 250m of the site. The nearest significant water course is the River Thames located c.3.5km south.

Two pollution incidents to controlled waters are recorded by Envirocheck within 1km of the site. The closest is recorded 314m east on the 6th July 1995. The incident is recorded as a Category 2 – Significant Incident with the pollutant listed as miscellaneous (natural) affecting an unknown source. The remaining incident is also recorded as a Category 3 – Minor Incident. Given the distance from site and the time elapsed since the incidents occurred, they are not considered to be of concern with respect to potential contamination sources that could have potentially impacted the subject site.

No surface water abstractions are located within 1km of the subject site.

The site does not fall within a flood risk zone and the surrounding 500m do not fall within an area at risk of flooding and/or at risk of extreme flooding. The site and surrounding area do not benefit from flooding defences and there are not flood water storage areas nearby.

2.8 Geotechnical Risks

The geotechnical risks that could impact the site and any shallow foundations present are listed below.

Hazard	Assessed On-Site Risk (and area within 10m of the site)	
	Present	Level
Potential for Collapsible Ground Stability		No hazard
Potential for Compressive Ground Stability		No hazard
Potential for Ground Dissolution Stability		No hazard
Potential for Landslide Ground Stability		Very low
Potential for Running Sand Ground Stability		Very low
Potential for Shrinking or Swelling Clay		Moderate

2.9 Ground Stability and Mining

The site is not located within an area with a history of coal mining and no mining records or records of natural cavities are listed within 1km.

Ten recorded mineral site is listed within the Envirocheck Report within 1km of the subject site. The closest site identified as Moor Hill Gravel Pit was located 191m north. It was an opencast quarry for the extraction of sand and gravel from the Boyn Hill Gravel Member. Operations at this site as well as the remaining nine have ceased.

The areas adjacent to the north, south and east of the site are indicated to have been infilled suggesting that these were former mineral workings.

2.10 Radon

The property is indicated within the Envirocheck Report to be in a lower probability radon area, with less than 1% of homes estimated to be at or above the action level. Therefore, no radon protection measures are necessary in the construction of any new dwellings, buildings or extensions on site.

2.11 Waste Management and Landfill

The Envirocheck Report indicates that there are three BGS recorded landfill sites located within 1km of the subject site. The closest identified as Moor Hall is located 3m north of the subject site. No further information has been provided relating to this landfill site. The seconded closest BGS recorded landfill site has been identified as Moor Hall LFS located 70m north of the site. Once again, no information has provided relating to deposited waste.

The Envirocheck Report indicated that two Local Authority Recorded Landfill Sites may have been located on site, however, this is considered unlikely as these probably relate to the adjacent sites. These sites have been identified as land adjacent Moor Hall, West of Romford Road with an unknown waste deposited during an unspecified period. The second site has been identified as a Clay pit, Sandy Lane, Aveley; the type of waste deposited included household and non-hazardous (industrial and commercial). The site is recorded as closed.

The Envirocheck Report also indicates that there were fourteen Historical landfill sites located within 1km of the site. The closest identified as Land adjacent Moor Hall is located 6m east of the subject site and deposited household waste only. Last input into the landfill was recorded on 31st December 1966. Three further historical landfills have been identified within 250m of the subject site, deposited waste within these landfills included household, commercial and industrial.

Six Licensed Waste Management Facilities are recorded within 1km of the subject site. The closest has been identified as Kennington's Cottage located 196m north, the site has been categorised as 'use of waste in a deposit for recovery operations.' The licensed was surrendered on 23rd April 2020. The other five facilities appear to all be operational and classified as waste recycling centres.

2.12 Sensitive Land Uses

The Envirocheck Report indicates the site is located on a Nitrate Vulnerable Zone for surface water, this zone has been identified as the Southall Sewer and Runningwater Brook Nvz.

3.0 HISTORIC LAND USE MAPPING SUMMARY

A review of available historical topographic mapping obtained from the Envirocheck Report has been carried out and comprises County Series, Ordnance Survey Plans and Unpublished Survey Information (at scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560). Maps covering the site were published between 1866 and 2020. Extracts from this mapping data set are presented in Appendix D.

The maps are reproduced in accordance with Landmark Information Group Limited's Ordnance Survey License. All directions and distances are therefore approximate. A summary of the history of the site and immediate area is provided in the table below.

Date of mapping	Site History	History of the area surrounding the site
1866-1867	Moor Hall is located centrally on site with woodland located across the remainder of site. A small building is also located in the north-western corner, suspected stable.	A farm yard is located adjacent to the north/north-western site boundary. A gravel pit is located c.80m south-east of the subject site. Agricultural and pastured fields are prominent within 1km of the site. The village of Aveley is located c.1.2km south-east.
1897-1898	No apparent changes.	A further gravel pit is located c.500m south-east. South Essex Water works is also located c.600m south-east of the subject site.
1920-1921	No apparent changes.	Minor development c.90m north of the site possibly expanding the farm yard.
1938-1939	No apparent changes.	Residential development and road infrastructure development located c.1km south-east likely resulting in the expansion of Aveley.

Date of mapping	Site History	History of the area surrounding the site
1960-1965	No apparent changes.	Numerous ponds are located between c/50m and 150m south-west. Further buildings located within the farm yard adjacent to the northern site boundary, it was at this time potentially that the farm was converted to an industrial estate as current. The gravel pit located c.80m south-east is no longer located on historical maps, possibly infilled. A pond is located c.100m east. Furthermore, a clay pit is located c.550m north and numerous sand and gravel pits are located within 1km of the site. A gravel pit is located c.50m south-west, a sand and gravel pit are located c.200m south/south-east and a large sand and gravel pit is located between 500m and 1km south. The village of Aveley has also undergone significant expansion with road infrastructure and new builds located c.500m east of the subject site.
1966-1967	No apparent changes.	A sand pit is located adjacent to the north/north-western boundary of the site and additional sand and gravel pit is also located c.480m west. The large sand and gravel pit located between c.500m and 1km south is recorded as a clay pit. Further development, suspected residential, has been carried between 500m and 1km east of the site.
1975-1977	No apparent changes.	The land located adjacent to the eastern site boundary and c.500m east is recorded as a disused pit. The pond formerly c.100m east is no longer recorded. The old sand and gravel pit which was also called a clay pit located between c.500m and 1km south is labelled as a disused pit. The sand and gravel pit located c.480m west is labelled as a disused pit. The sand and gravel pit located adjacent to the north/north-eastern site boundary is also no longer recorded. An additional clay pit is located c.200m to 750m south-west.
1987-1989	No apparent changes.	The clay pit located c.200m to 750m south-west is recorded as a disused pit. The clay pit located c.500m to 1km north of the site has been converted into a pond/lake.
1992	No apparent changes.	A pond located between c.100m south-west appears to have been infilled and the area to the south of the site is indicated to be a landfill.
1999	No apparent changes.	The land adjacent to the southern site boundary and c.500m south of the site is labelled as a landfill site. The disused pit located c.500m to 1km south is labelled as workings (disused). Minor development c.750m south-west. The disused pits located adjacent to the eastern site boundary and c.500m east have been converted into pond and green areas.
2021	A marquee is located in the west of the site.	The land adjacent to the southern site boundary is no longer recorded as a landfill site.

3.1 Historical Mapping Summary

The available historical maps span a period of 155 years, dating back to 1866. Since this time, the site has remained relatively unchanged although the surrounding area has undergone significant changes and development.

In the earliest historical maps, the site comprised the residential building of Moor Hall with associated woodland and driveways. A structure, assumed stables, is also located in the north-eastern corner of the site. No significant changes occurred on site until the construction of a marquee in the west of the site linked with the conversion of the residential, Moor Hall, into a wedding venue.

In the earliest historical maps, the surrounding site was predominantly agricultural in use with a farmyard located adjacent to the northern site boundary, this farm was considered likely to have been converted to the current industrial estate sometime in the 1960s. The village of Aveley was located c.1.2km south-east. There was no major development in the site area between the first historical maps, dated 1866-1867, and maps dated 1960-1965, besides the appearance of a small gravel pit located c.80m south-east as well as minor developments within the adjacent to the north farmyard.

Significant development within the surrounding 1km was recorded between c.1960 and 1999, these development and changes included the expansion of the village of Aveley from c.1.2km south-east to c.500m east of the subject site, but predominantly major mineral working all around the site exploiting both sand and gravel deposits and clay. These mineral workings have then been infilled often as landfill facilities for varying wastes including domestic/household waste between 1960s and the early to the late 1980s, with the area adjacent to the east and south of the site being labelled as a landfill as late as 1999.

4.0 PLANNING SEARCH

A search of the London Borough of Havering planning portal was undertaken for the site and the immediate area using the site postcode and plan location as search terms on the 13th September 2021 to gather details of relevant planning applications. The relevant search results are as follows:

On-Site

- P1029.17 - Variation of condition 4 attached to planning permission reference: P1004.12 (change of use of part rear garden area for temporary marquee for wedding receptions) to allow an increase in the number of wedding receptions from 20 to 40 per year - 04.08.17 – Approved with conditions.
- E0016.17 - Certificate of Lawfulness for use of buildings 3, 3b, 6, 7, 14 and 17 - B1, B2 or B8 use. – 18.07.17 – Planning permission not required.
- P0432.14 - Partial Change of Use of existing dwelling to provide a wedding ceremony and reception area – 21.05.14 – Approved with conditions.

No planning permission has been located on the London Borough of Havering Planning Portal that relates to the proposed development for which this report has been commissioned.

Off-Site

- P1578.14 - Importation of suitable reclamation materials to re-restore uneven land caused by differential settlement from past landfilling. – 14.03.15 – Refused (Appealed).
- Numerous planning applications have been noted within the surrounding 500m, these include erection of extensions and conversions as well as the development of a golf course and an agricultural grain store.

- The planning search has identified that landfills are located within the surrounding 1km of the site and differential settlement has arisen from this past landfilling. It is also highlighted a potential ground gas risk to the subject site.

4.2 Summary of Environmental Search Data

A review of the environmental data obtained from the Envirocheck Report and the site walkover survey has indicated the following potential contamination risk driver features generally within 500m of the site (or further if considered significant):

Current or Recent Land Uses

- The site is currently occupied by a mix used property identified as Moor Hall (residential and commercial, wedding venue) with associated marquee, stables, soft landscaped vegetated areas and car parking area: **Low Risk**;
- Numerous sheds/workshops are located on site, containing gardening machinery and tools: **Low Risk**;
- Industrial estate located adjacent to northern site boundary: **Low to Moderate Risk**;
- The village of Aveley is located c.500m east of the site: **Very Low Risk**.

Historical Land Uses

- Historical sand and gravel pits and clay pits located within 1km of the subject site: **Low to Moderate Risk**;
- Historical landfill site located adjacent to southern and eastern site boundary: **Moderate to High Risk**;
- Site environmental features
- Boyn Hill Gravel Member is designated as a Secondary A Aquifer.
- The London Clay Formation is designated as an Unproductive Strata.
- Numerous ponds are located within the surrounding 250m of the subject site.

5.0 PRELIMINARY CONCEPTUAL SITE MODEL AND RISK ASSESSMENT

5.1 Risk Assessment Guidance

Guidance has been published by the Department of the Environment, Transport and the Regions (DEFRA) 'Environmental Protection Act 1990: Part 2A - Contaminated Land Statutory Guidance' (DEFRA April 2012) which promotes the 'risk-based approach' for defining contaminated land. The statutory guidance states:

“Part 2A takes a risk-based approach to defining contaminated land. For the purposes of this Guidance, “risk” means the combination of: (a) the likelihood that harm, or pollution of water, will occur as a result of contaminants in, on or under the land; and (b) the scale and seriousness of such harm or pollution if it did occur.”

A means to assess the risk posed by potential contamination on or under a site is to carry out a preliminary contaminated land risk assessment. The risk assessment process is defined within the statutory guidance:

“For a relevant risk to exist there needs to be one or more contaminant- pathway-receptor linkages - “contaminant linkage” - by which a relevant receptor might be affected by the contaminants in question. In other words, for a risk to exist there must be contaminants present in, on or under the land in a form and quantity that poses a hazard, and one or more pathways by which they might significantly harm people, the environment, or property; or significantly pollute controlled waters. For the purposes of this Guidance:

(a) A “contaminant” is a substance which is in, on or under the land and which has the potential to cause significant harm to a relevant receptor, or to cause significant pollution of controlled waters.

(b) A “receptor” is something that could be adversely affected by a contaminant, for example a person, an organism, an ecosystem, property, or controlled waters. The various types of receptors that are relevant under the Part 2A regime are explained in later sections.

(c) A “pathway” is a route by which a receptor is or might be affected by a contaminant.”

The contaminant linkage is described within the statutory guidance as:

“The term “contaminant linkage” means the relationship between a contaminant, a pathway and a receptor. All three elements of a contaminant linkage must exist in relation to particular land before the land can be considered potentially to be contaminated land under Part2A, including evidence of the actual presence of contaminants.

The term “significant contaminant linkage”, as used in this Guidance, means a contaminant linkage which gives rise to a level of risk sufficient to justify a piece of land being determined as contaminated land. The term “significant contaminant” means the contaminant which forms part of a significant contaminant linkage”.

The following sections relate to a qualitative risk assessment of the site and surrounding environs.

The data within this assessment will be employed to produce a Conceptual Site Model which will be tested to assess if a ‘significant possibility of significant harm’ to human health, non-human health or significant pollution to controlled waters is likely to occur and the risk level posed by any such linkages. The risk level classification system employed in the risk assessment is generally based upon those described in CIRIA C552¹.

¹ Rudland, D., Lancefield, R.M., Mayal, P.N. (2001) Contaminated Land Risk Assessment: A Guide to Good Practice. CIRIA C552. UK.

5.2 Potential Contaminant Sources

The potential contamination sources identified as part of this Preliminary Contamination Risk Assessment are summarised in the table below. The potential contaminants are based on the data within CL8, Department of the Environment (DoE) Industry Profiles, the current and historic site uses.

Current Potential On-Site Contaminant Sources	Potential Contaminants
Storage of machinery and tools within numerous sheds and workshops	Lower bound risk of heavy metals and hydrocarbon lubricant and fuels from domestic level storage
Historic Potential On-Site Sources	Potential Contaminants
Building materials used in construction of properties and structures	Asbestos
Current Potential Off-Site Contaminant Sources	Potential Contaminants
Industrial estate since c. 1960s located adjacent to northern site boundary	Asbestos, heavy metals, hydrocarbons, organic, inorganics, lubricants
Historical Potential Off-Site Contaminant Sources	Potential Contaminants
Infilling of clay pits / sand and gravel pits within the surrounding 250m of the subject site.	Ground gas
Historical landfill located along southern site boundary.	Ground gas

5.3 Conceptual Contaminant-Pathway-Receptor Model

The information gathered in this Preliminary Contamination Risk Assessment has been compiled to produce a Contaminant-Pathway-Receptor (C-P-R) model, which is summarised in the table below and overleaf. A Contamination Conceptual Site Model Cross Section is presented in Appendix F.

The risk posed to site construction workers has not been assessed as any risks are considered to be mitigated through good site practices such as dust suppression and the use of Personal Protective Equipment (PPE).

Potential Site Contaminant Sources	Potential Pathways	Potential Receptors	Pathway Complete	Risk Level Classification
Current Moor Hall mix used residential and commercial (Wedding Venue) with associated	Dermal / direct contact	Current site users (Occupied mix used (residential /commercial plot)	Yes	Unknown
	Direct ingestion		Yes	Unknown
	Direct inhalation		Yes	Unknown
	Inhalation of Radon		No	
	Inhalation of wind-blown dust		Yes	Unknown
	Vapour migration		Yes	Unknown
	Ground gas migration		Yes	Unknown
	Dermal / direct contact	Future site users	Yes	Low
	Direct ingestion		Yes	Low

Report on behalf of Witherslack Group

P21-274pra – Moor Hall, Romford Road, Aveley, RM15 4UU

Potential Site Contaminant Sources	Potential Pathways	Potential Receptors	Pathway Complete	Risk Level Classification
soft landscaped gardens, converted stable, car parking	Direct inhalation	(equivalent to residential use with plant uptake)	Yes	Low
	Inhalation of Radon gas		No	
	Inhalation of wind-blown dust		Yes	Low to Moderate
	Vapour Migration onto the site		Yes	Moderate to High
	Ground gas generation or migration		Yes	Moderate to High
Storage of machinery and tools in shed and workshops	Direct contact	Services (following redevelopment)	Yes	Low
Industrial estate located adjacent to northern site boundary since c. 1960s.	Migration of contaminants: non-aqueous phase		Yes	Low
	Migration of contaminants: aqueous phase		Yes	Low
Village of Aveley located c.500m east	Migration of contaminants off-site: non-aqueous phase	Adjacent Properties	No	
Historical	Migration of contaminants off site: aqueous phase		No	
	Vapour migration		No	
Historical landfills located adjacent to southern and eastern site boundary from 1960s to recent.	Inhalation of wind-blown dust	Ecological Impacts	No	
Numerous clay pits and sand and gravel pits located within 250m of the site – suspected to be infilled	Migration of contaminants: non-aqueous phase		No	
	Migration of contaminants: aqueous phase		No	
	Migration of contaminants from site: non-aqueous phase	Controlled groundwater (Superficial – Secondary A Aquifer)	No	
	Migration of contaminants from site: aqueous phase		No	
	Migration of Contaminants: non-aqueous phase	Surface Waters	No	
	Migration of contaminants: aqueous phase		No	

5.4 Potential Contamination Risk Summary

The preliminary contamination risk assessment has identified complete Contaminant-Pathway-Receptor (CPR) linkages with a maximum **Moderate to High** risk level from the potential contamination sources and risk drivers identified on the site and surrounding area.

The most significant of these potential source drivers representing the greatest potential to impact the proposed site user (equivalent to residential with plant uptake) are the landfills and suspected infilled former clay pits and sand and gravel pits located adjacent to the south and east and within the surrounding 250m of the site. Due to the age and domestic refuse receiving wastes indicated as well as the unknown waste deposited into the landfills, there is deemed a moderate to high risk of remaining ground gas generation potential within these facilities. The migration to site of ground gases from these off-site sources is considered likely given the indicated underlying Boyn Hill Gravel Member geology which is likely permeable.

Additional potential sources have been identified, such as the storage of machinery and tools within the workshop and sheds on site and the industrial estate located adjacent to the northern site boundary, however, these are deemed to pose a lower bound risk of impacting the proposed end users.

Potential contamination which could impact the site includes asbestos, heavy metals, hydrocarbons, organic, inorganics, lubricants and ground gases and volatile contaminants.

The proposed site use will potentially allow users to come into contact with potential contaminants through direct contact, ingestion and inhalation pathways. Furthermore, a viable significant ground gas risk has been identified to the proposed site users.

Given the discussion above, to prevent 'Significant Possibility of Significant Harm' from potential contamination sources to the proposed future residential site users it is recommended that an intrusive soil contamination investigation and risk assessment be undertaken as Stage 1 Tier 2 of the Site Contamination Assessment. This investigation should include the installation of ground gas monitoring infrastructure, monitoring and risk assessment.

Further to this, should any unexpected contamination be identified during the future development groundworks, then a suitably qualified and experienced Geo-Environmental Engineer should be consulted and if necessary further assessment should be undertaken.

5.5 Potential Geotechnical Risk Summary

A maximum moderate potential geotechnical risk was identified with the Envirocheck Report. The moderate rating relates to the underlying London Clay Formation which is known to comprise fine grained soils which are likely subject to a volume change potential from changes in moisture content due to vegetation.

On the above basis, it is recommended that a geotechnical appraisal of the site be carried out to derive foundation design criteria for any new build structures.

6.0 CERTIFICATION

This report is produced for the sole use of the Client, and no responsibility of any kind, whether for negligence or otherwise, can be accepted for any third party who may rely upon it.

The site walkover survey was carried out within reasonably accessible areas of the site. No responsibility of any kind can be accepted for any conditions or features not identified due to inaccessibility of areas such as locked, unstable or unsafe buildings and heavily overgrown areas.

The conclusions and recommendations given in this report are based on our understanding of the future plans for the site and based on a scope of works agreed by the Client and afforded by the agreed budget. No responsibility is accepted for conditions not encountered, which are outside of the agreed scope of work.

If the future plans for the site are changed, such as the site is developed for a more or less sensitive use, then a different interpretation might be appropriate.

The report has been prepared following the guidelines and principles established in the British Standards, BS 10175:2011, entitled 'Investigation of Potentially Contaminated Sites – Code of Practice' and the DEFRA / EA Contaminated Land Reports CLR7 and CLR8. It necessarily relies on the co-operation of other organisations and the free availability of information and total access. No responsibility can, therefore, be accepted for conditions arising from information that was not available to the investigating team as a result of information being withheld or access being denied.

This report may suggest an opinion on a possible configuration of strata or conditions between exploratory points and below the maximum depth of investigation. However, this is for guidance only and no liability can be accepted for its accuracy.

REFERENCES

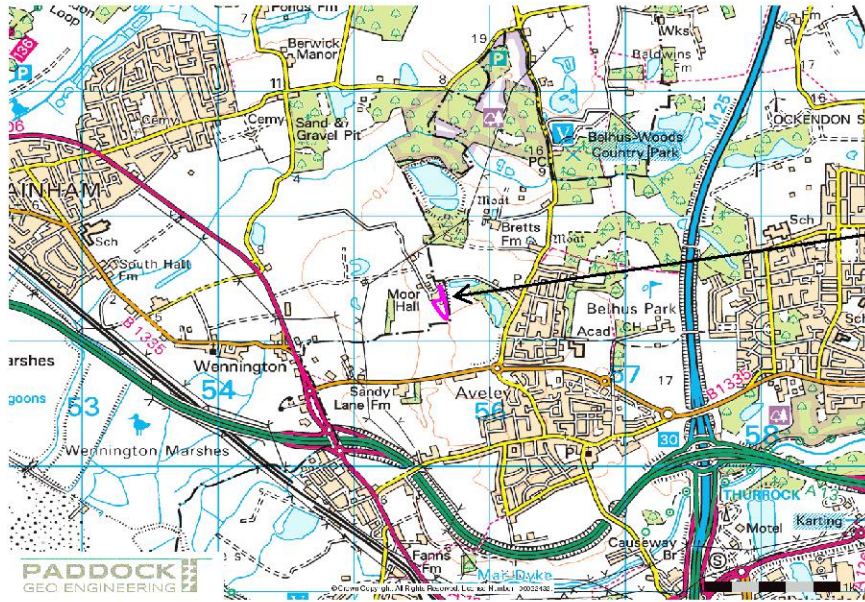
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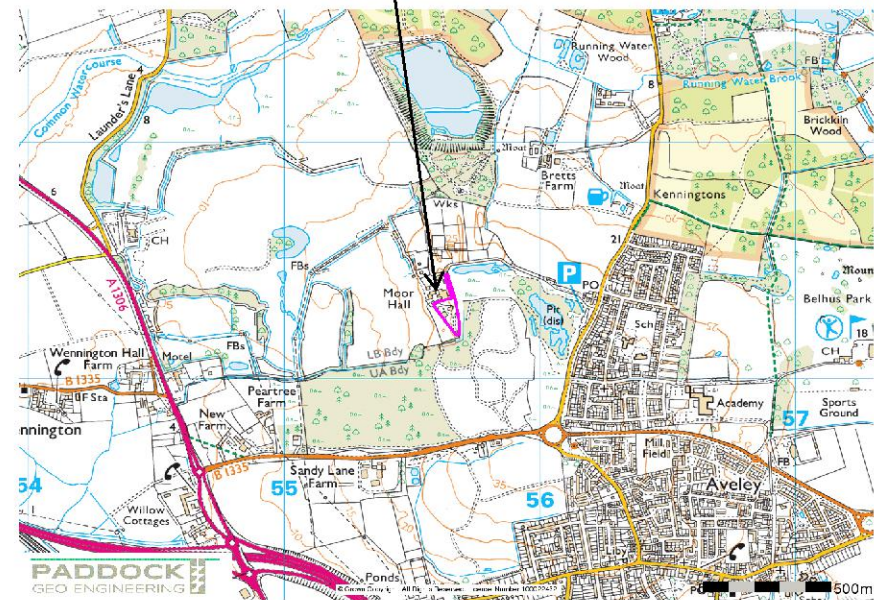
APPENDIX A

Site Location Plan
Site Plan
Aerial Photograph
Proposed Development Plan

SITE LOCATION PLAN



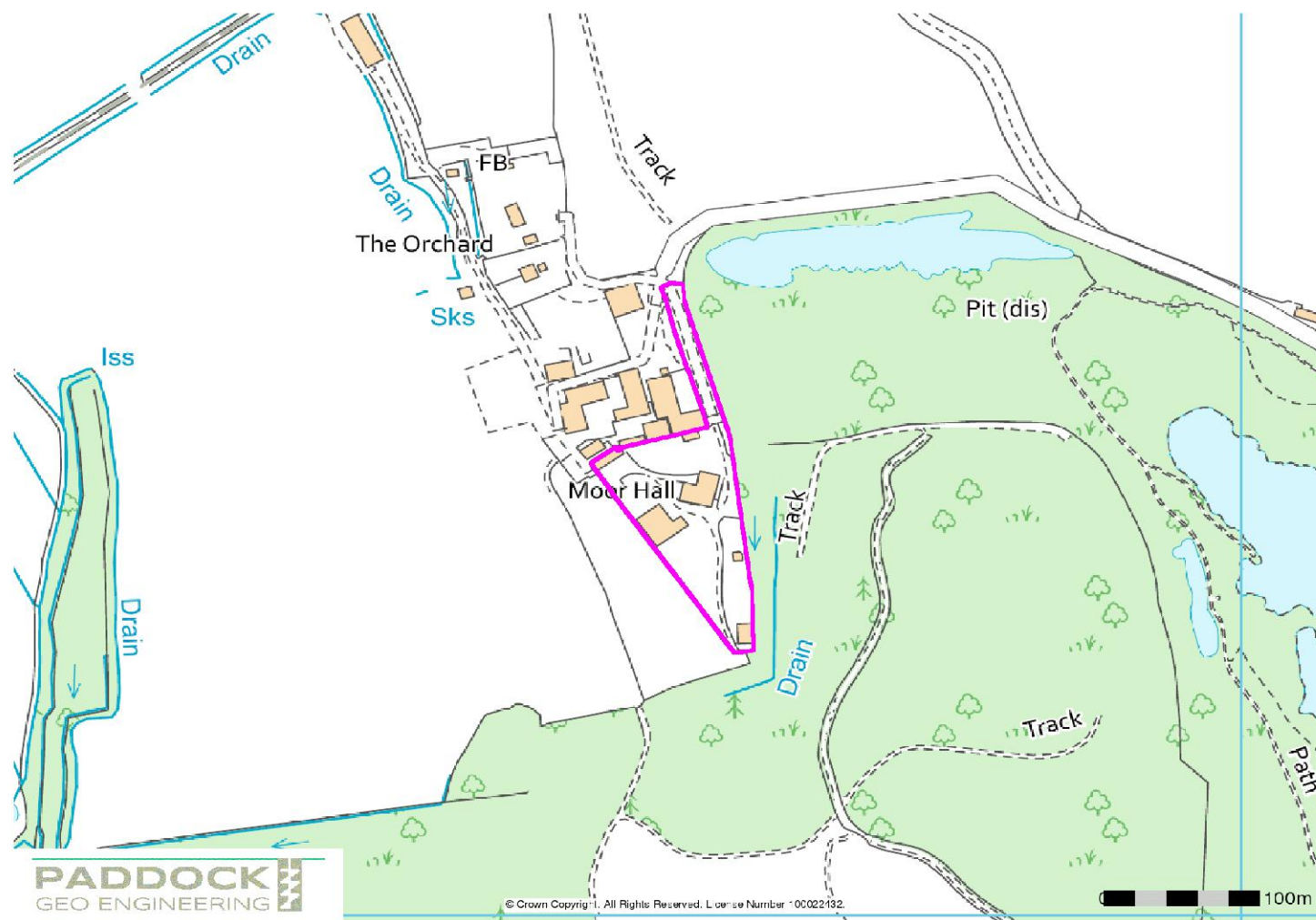
Site Location



PADDOCK
GEO ENGINEERING

CLIENT: Witherslack Group
PROJECT No: P21-274
PROJECT TITLE: Moor Hall, Romford Road,
Aveley, RM15 4UU

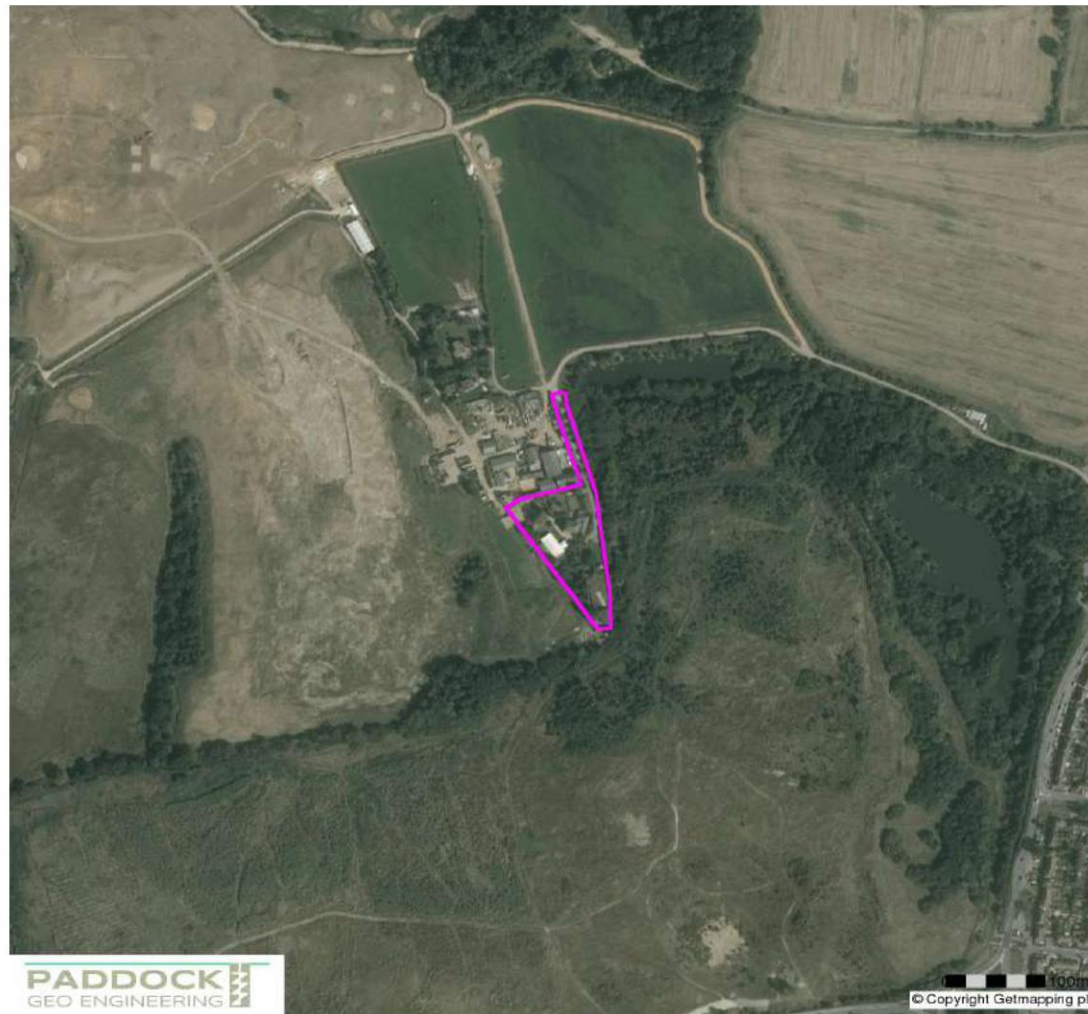
SITE PLAN



PADDOCK
GEO ENGINEERING

CLIENT: Witherslack Group
PROJECT No: P21-274
PROJECT TITLE: Moor Hall, Romford Road,
 Aveley, RM15 4UU

AERIAL PHOTOGRAPH

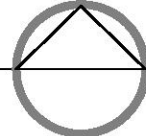


CLIENT:	Witherslack Group
PROJECT No:	P21-274
PROJECT TITLE:	Moor Hall, Romford Road, Aveley, RM15 4UU

Revisions		
Rev	Comments	Date
A	Staff Parking Added	23.07.21



existing site layout
not to scale





Witherslack
Group

Client Details:
Witherslack Group Ltd

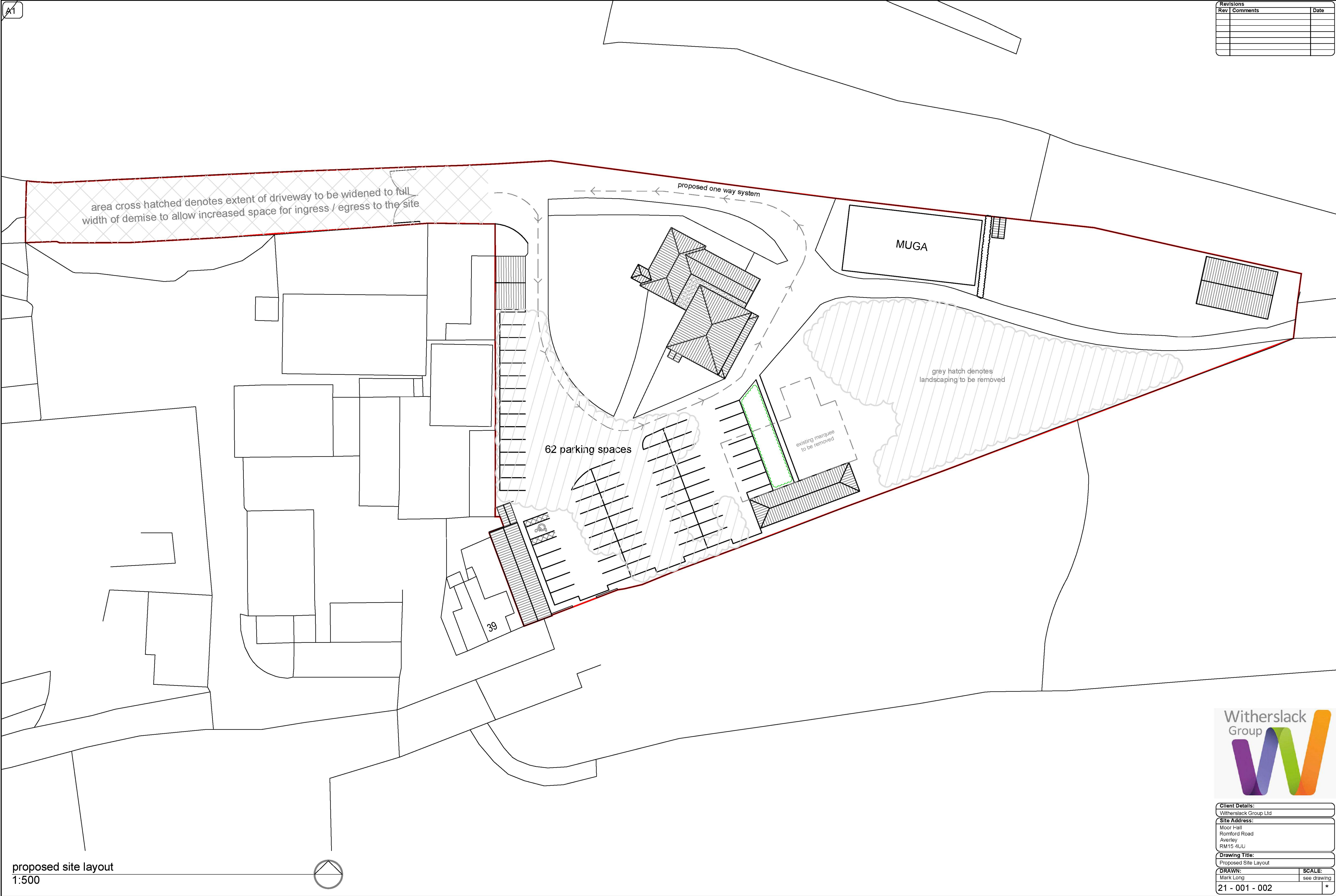
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Moor Hall
Romford Road
Averley
RM15 4UU

Drawing Title:
Existing Site Layout

DRAWN: Mark Long	SCALE: see drawing
21 - 001 - 001	

*

Revisions			Date
Rev	Comments		





Witherslack Group

Client Details:
Witherslack Group Ltd

Site Address:
Moor Hall
Romford Road
Averley
RM15 4UU

Drawing Title:
Proposed Site Layout

DRAWN: Mark Long	SCALE: see drawing
21 - 001 - 002	

*

APPENDIX B

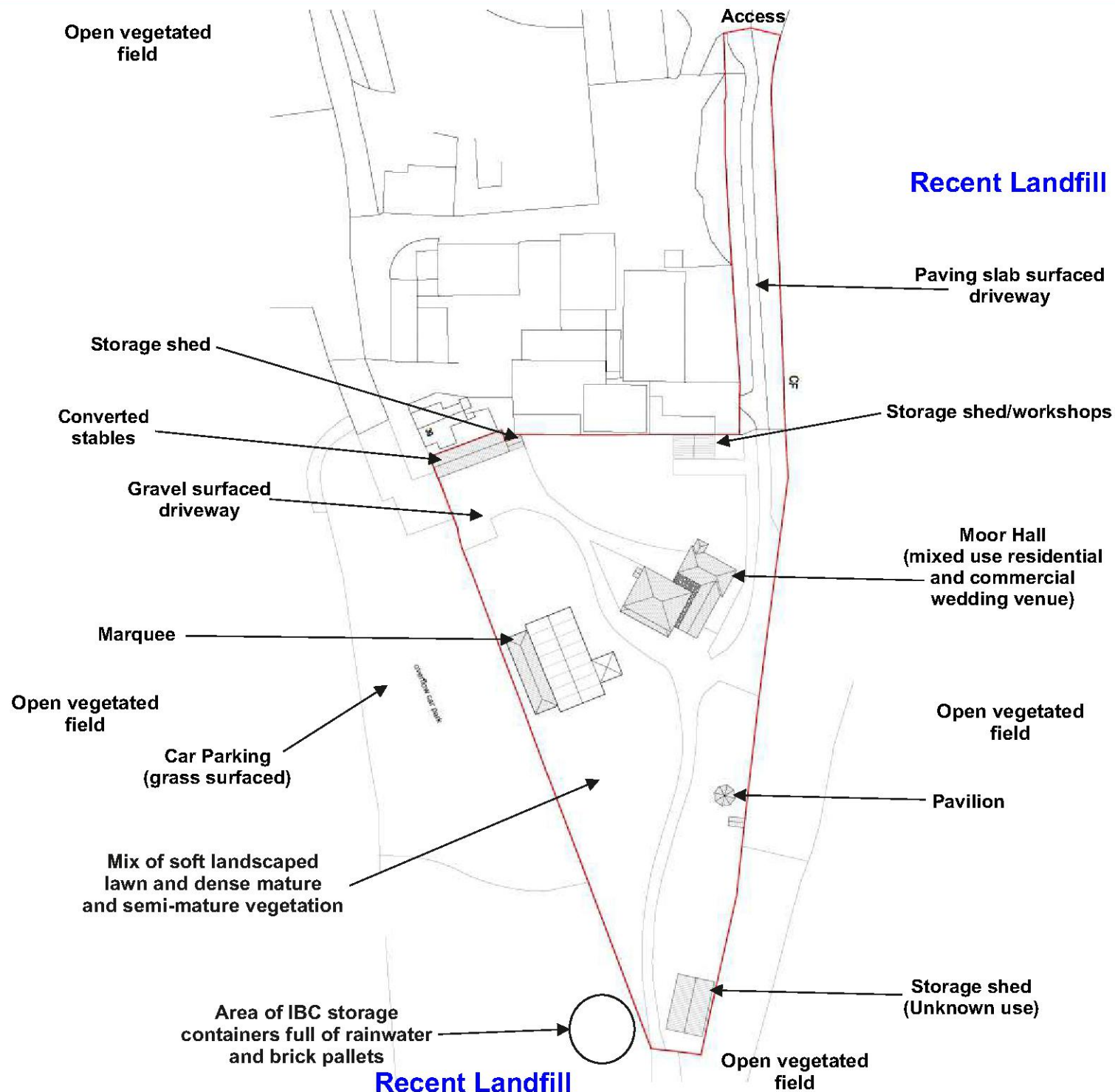
Site Walkover Survey Plan
Site Photographs

Walkover Site Plan

**Moor Hall,
Romford Road,
Aveley,
RM15 4UU.**

Witherslack Group

September 2021



**Not to scale.
All positions are approximate.
Based on plan provided
by the client.**



Photo of access track



Photo of industrial unit located adjacent to northern site boundary.



Photo of access track. Photo looking south.



Photo taken in north-east looking at storage shed/workshop in north-east corner of site.



Photo looking west.

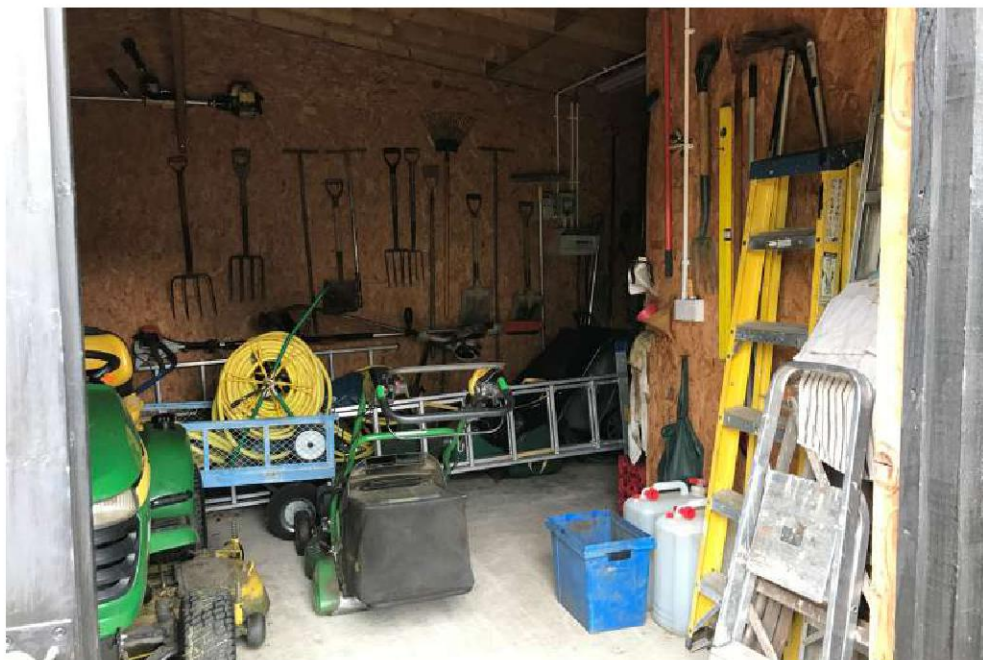


Photo of storage shed/workshop located in north-eastern corner of site.



Photo taken of Moor Hall from the north of the site.



Photo of gravel surfaced driveway.



Photo of pavilion



Photo of driveway centrally on site.



Photo of storage shed in south of site.



Photo of storage shed in south of site.



Photo of gravel surfacing in south of site.



Photo of IBC storage and brick pallet in south/south-west of site.



Photo of Moor Hall looking south-west.



Photo of driveway leading to Moor Hall.



Photo taken of Moor Hall and the Marquee looking west.



Photo of Marquee.



Photo of Marquee.



Photo of lawn next to Marquee.



Photo of Marquee.



Photo of seating area next to Marquee.



Photo of grass lawn and pavilion in the west of site.



Photo of gravel surfaced driveway leading to converted stables in north-western corner.



Photo taken in north-west looking at Marquee in west of site..



Photo of converted stable in north-western corner of site.



Photo of converted stables in north-west of site.



Photo taken in north-west of site looking south at car parking area in west of site.



Photo of storage shed located next to converted stables.



Green house located in north/north-west of site.



Photo taken in north-west looking south.



Photo of allotment garden located in north of site.



Photo of allotment garden located in the north of the site



Photo showing industrial estate in background.



Further photo of Moor Hall.



Further photo of Moor Hall.



Internal photo of Moor Hall.



Internal photo of Moor Hall.



Basement of Moor Hall.



Basement of Moor Hall.

APPENDIX C

Geology Report

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
		Chalk Formation (Undifferentiated)		

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	ALV	Alluvium	Clay, Silt, Sand And Peat	Not Supplied - Holocene
	HAGR	Hackney Gravel Member	Sand and Gravel	Not Supplied - Wolstonian
	LHGR	Lynch Hill Gravel Member	Sand and Gravel	Not Supplied - Wolstonian
	TPGR	TAPLOW GRAVEL MEMBER	Sand and Gravel	Not Supplied - Wolstonian
	BHT	Boyn Hill Gravel Member	Sand and Gravel	Not Supplied - Hoxnian
	BPGR	Black Park Gravel Member	Sand and Gravel	Not Supplied - Anglian
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	HWH	Harwich Formation	Sand and Gravel	Not Supplied - Ypresian
	LC	London Clay Formation	Clay and Silt	Not Supplied - Ypresian
	LMBE	Lambeth Group	Clay, Silt and Sand	Not Supplied - Thanetian
	LMBE	Lambeth Group	Sand, Silt and Clay	Not Supplied - Thanetian
	TAB	Thanet Formation	Sand	Not Supplied - Thanetian
	LSNCK	Lewes Nodular Chalk Formation, Seaford Chalk Formation and Newhaven	Chalk	Not Supplied - Turonian



Geology 1:50,000 Maps

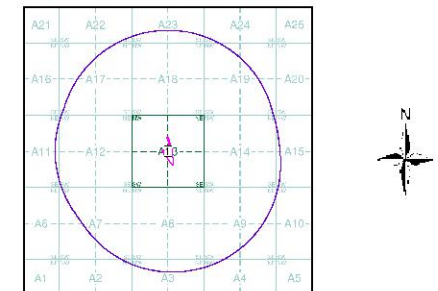
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	257
Map Name:	Romford
Map Date:	1996
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

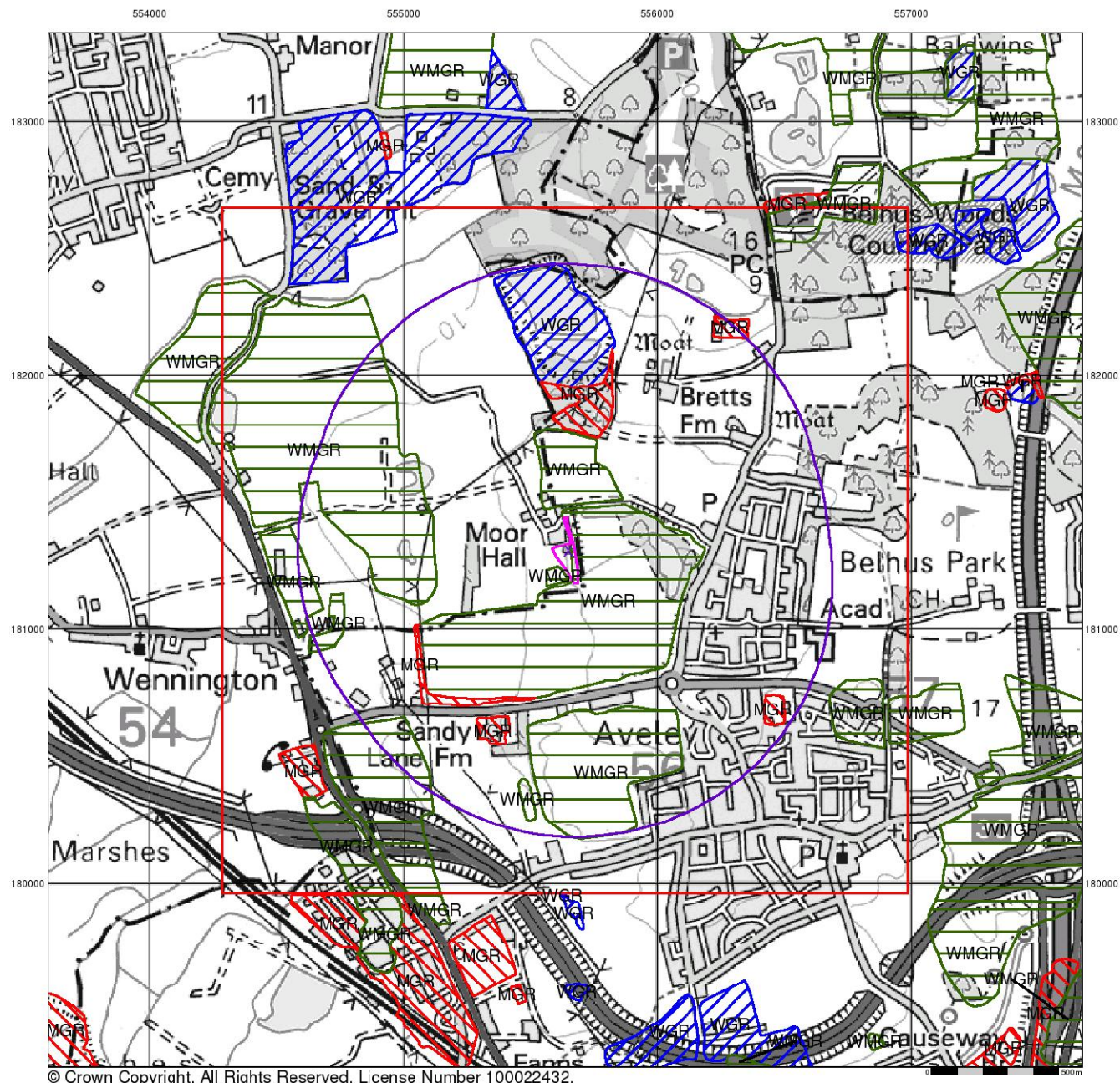


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Customer Reference:	P21-274
National Grid Reference:	555650, 181310
Slice:	A
Site Area (Ha):	0.99
Search Buffer (m):	1000

Site Details:

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



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Artificial Ground and Landslip

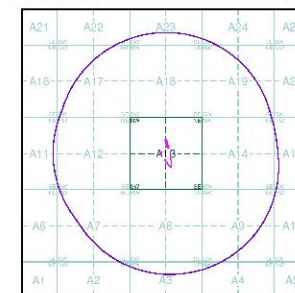
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



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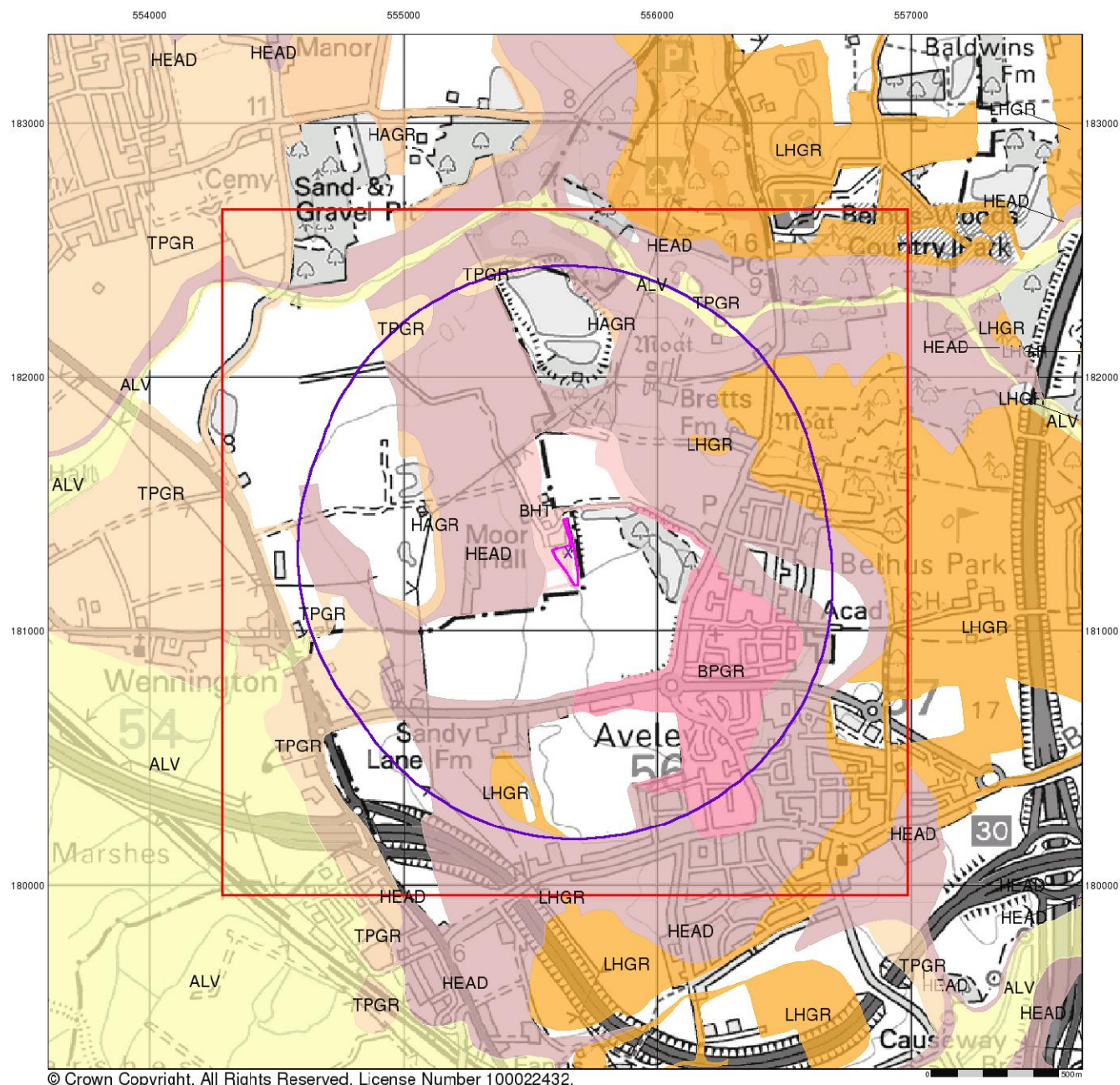
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 Customer Reference: P21-274
 National Grid Reference: 555650, 181310
 Slice: A
 Site Area (Ha): 0.99
 Search Buffer (m): 1000

Site Details:

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



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 Fax: 0844 844 9951
 Web: www.envirotech.co.uk



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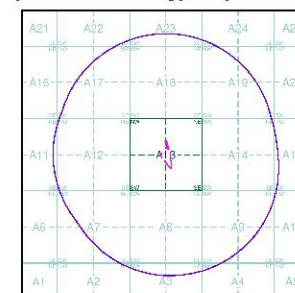
Superficial Geology

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

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

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

Superficial Geology Map - Slice A

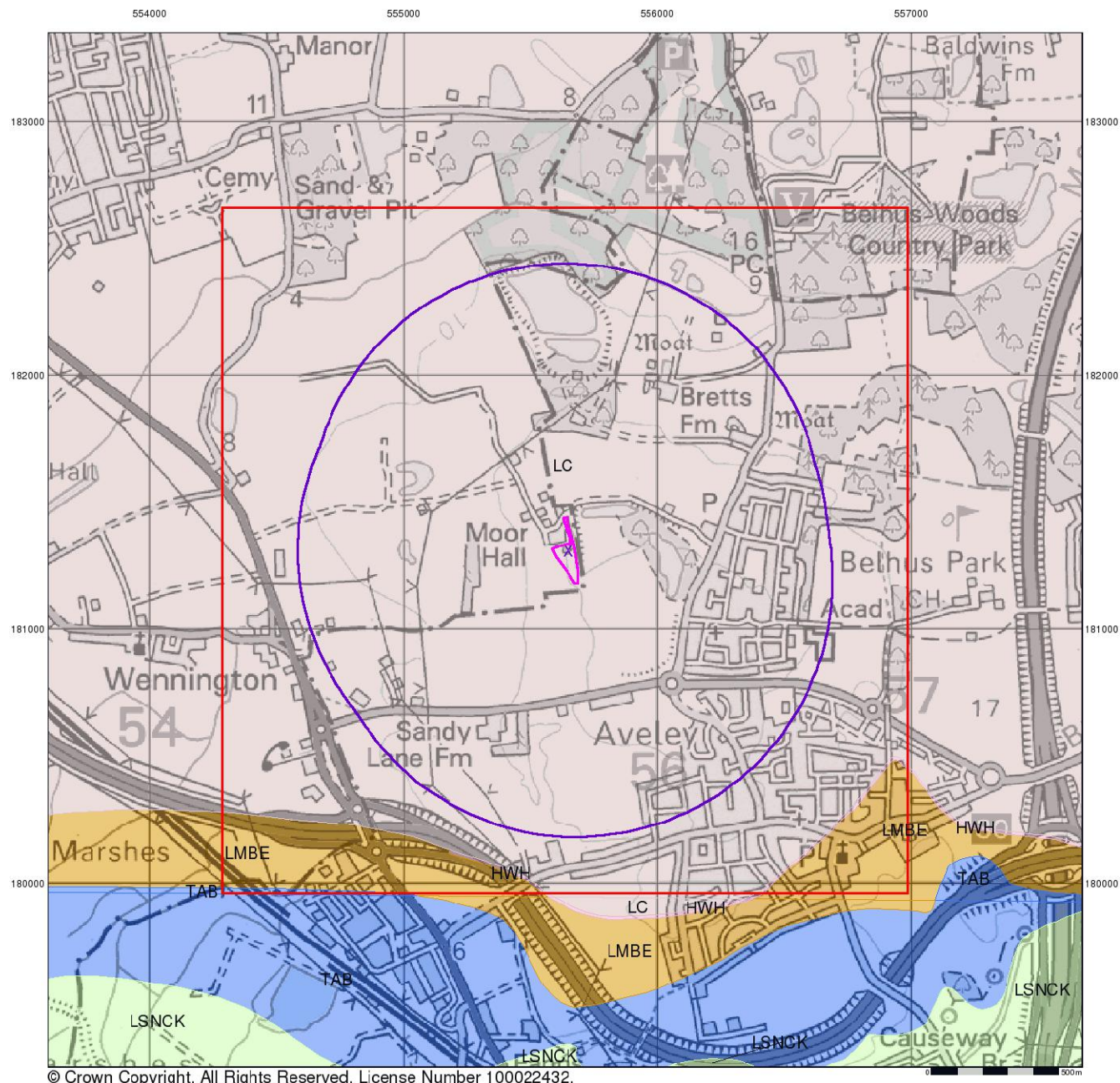


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Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details:

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Bedrock and Faults

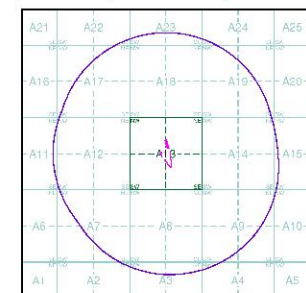
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



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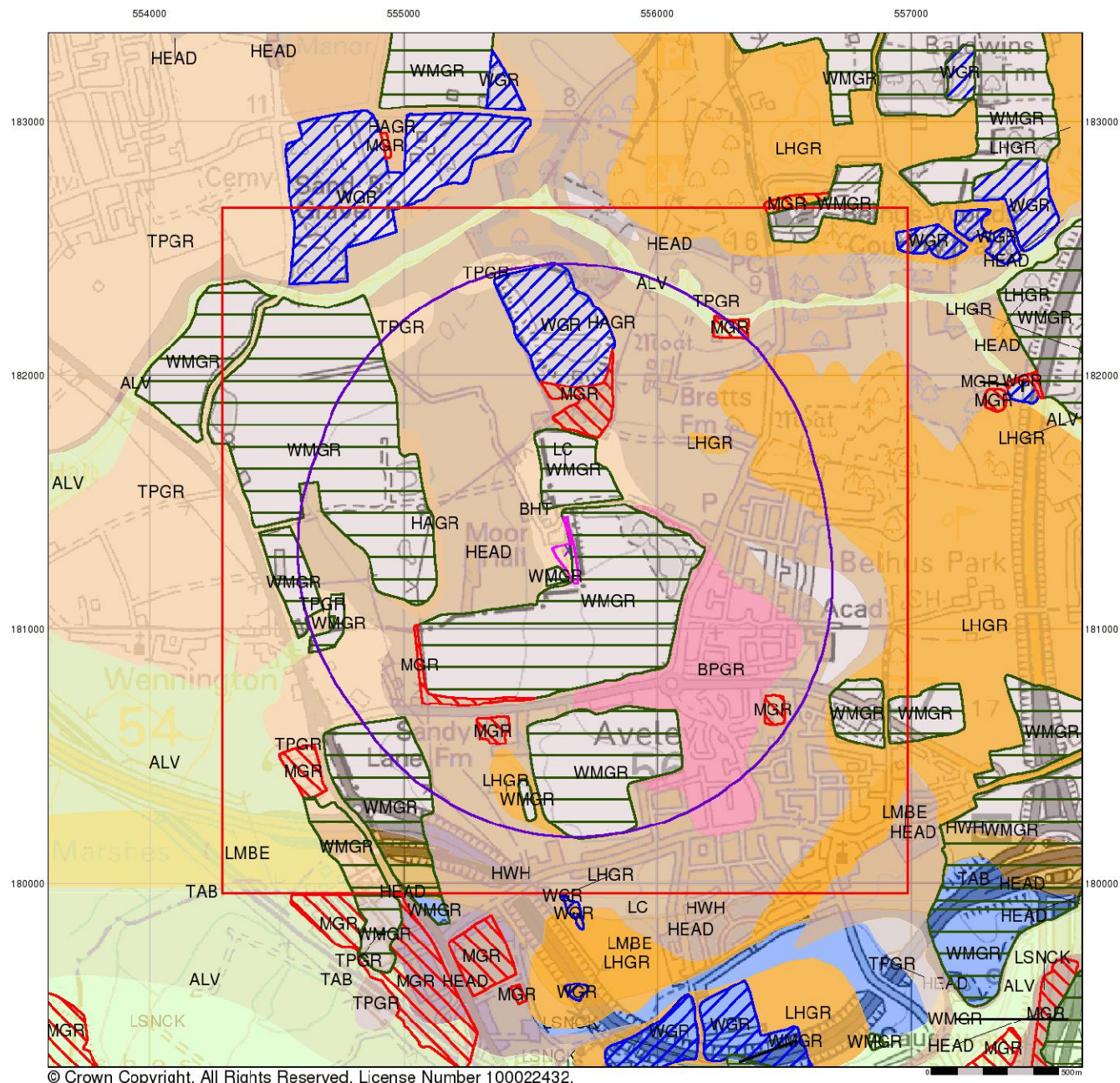
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Customer Reference: P21-274
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Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details:

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PADDOCK GEO ENGINEERING

Combined Surface Geology

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

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

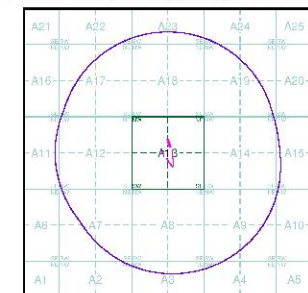
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 284164186_1_1
Customer Reference: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details:

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

v15.0 27-Aug-2021

Page 5 of 5

APPENDIX D

Historical Mapping

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
			Pole
	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		
	Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

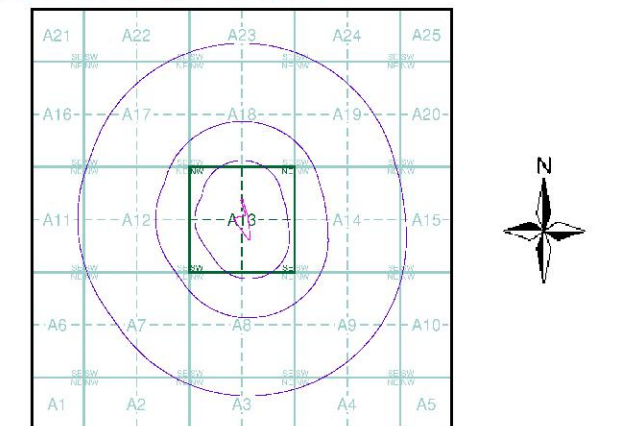
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Kent	1:10,560	1869	2
Essex	1:10,560	1872 - 1873	3
Kent	1:10,560	1898	4
Essex	1:10,560	1898	5
Kent	1:10,560	1910	6
Essex	1:10,560	1921	7
Kent	1:10,560	1931	8
Kent	1:10,560	1938	9
Essex	1:10,560	1938	10
Essex	1:10,560	1938	11
Kent	1:10,560	1951	12
Ordnance Survey Plan	1:10,000	1961	13
Ordnance Survey Plan	1:10,000	1966 - 1967	14
Ordnance Survey Plan	1:10,000	1975 - 1977	15
Ordnance Survey Plan	1:10,000	1987 - 1989	16
Ordnance Survey Plan	1:10,000	1993 - 1996	17
Ordnance Survey Plan	1:10,000	1996	18
10K Raster Mapping	1:10,000	1999	19
Street View	Variable		20

Historical Map - Slice A



Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU

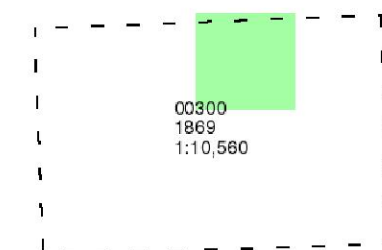
Kent

Published 1869

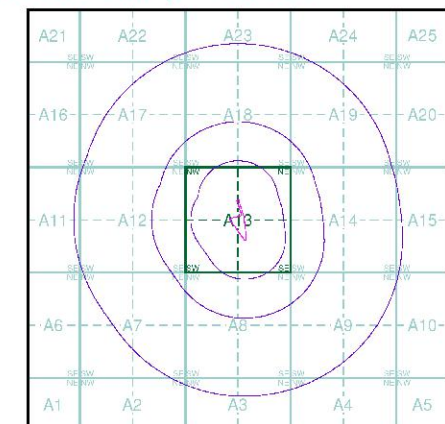
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU

Essex

Published 1872 - 1873

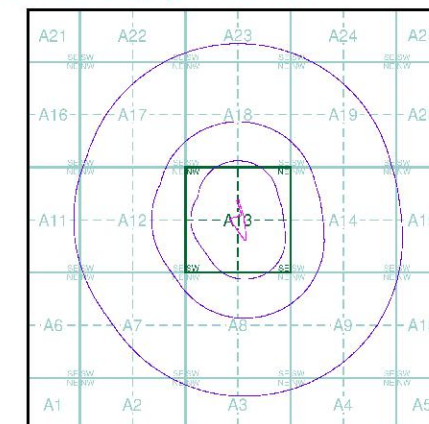
Source map scale - 1:10,560

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)

07500	1872	1:10,560
08300	1873	1:10,560

Historical Map - Slice A

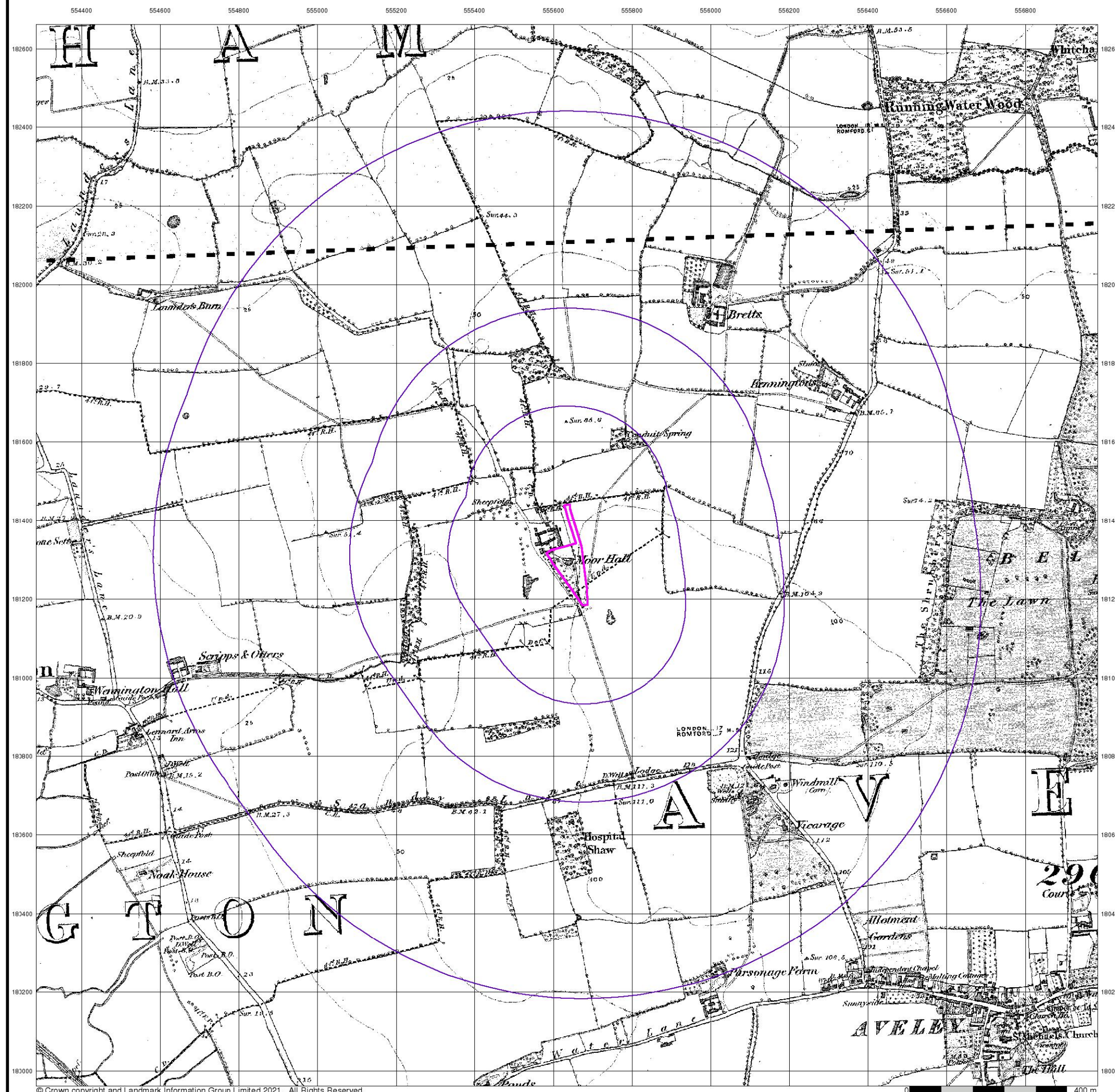


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
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Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



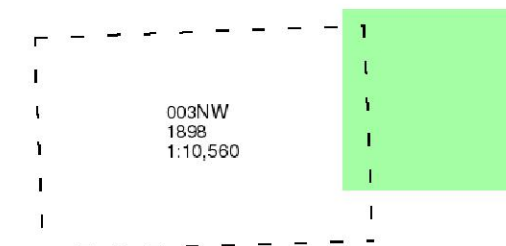
Kent

Published 1898

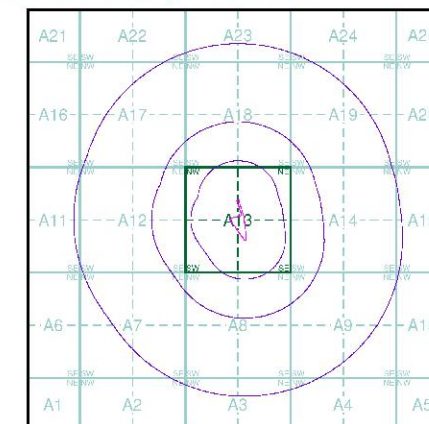
Source map scale - 1:10,560

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

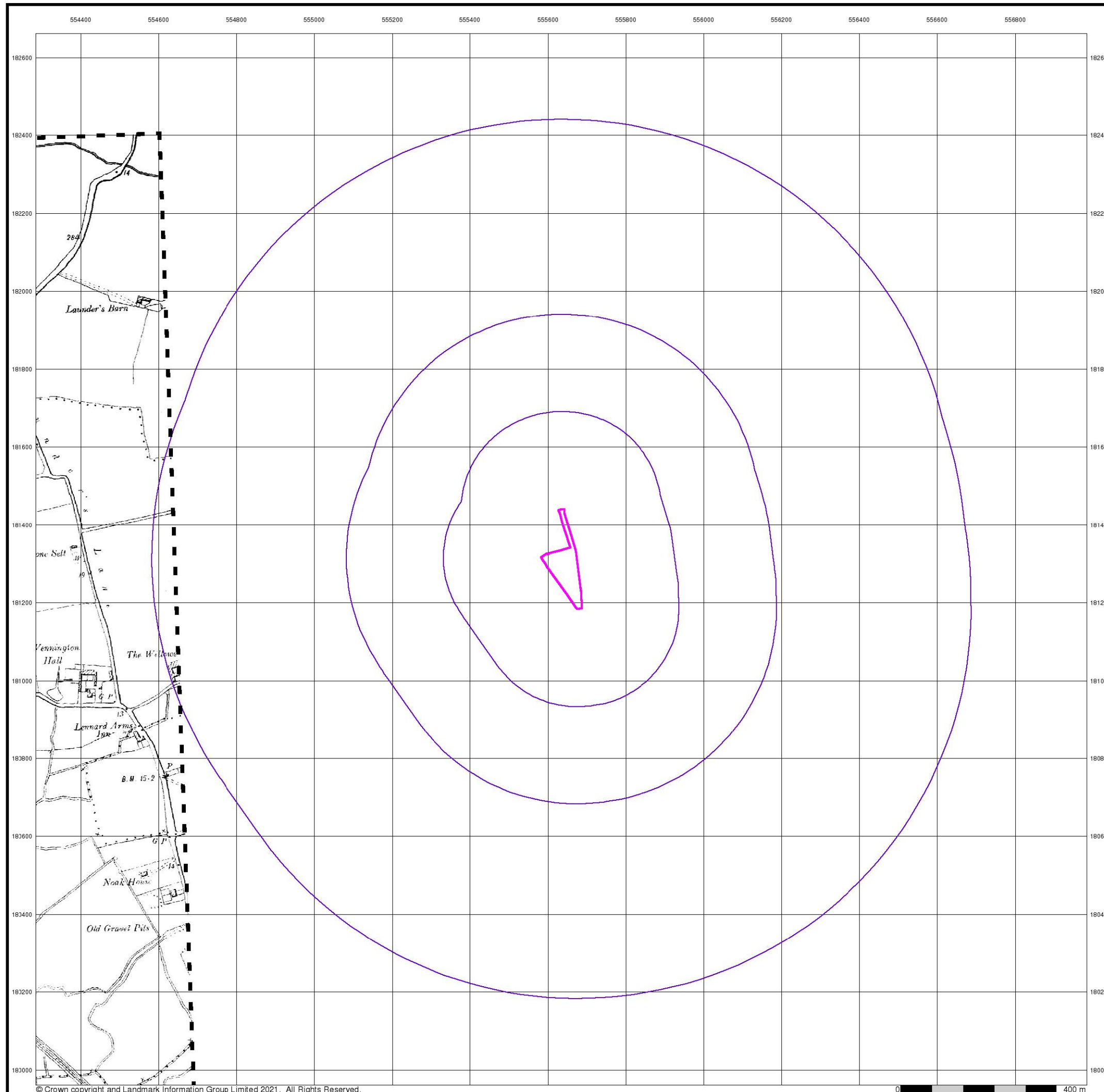


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
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Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



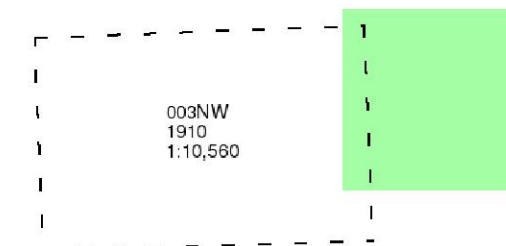
Kent

Published 1910

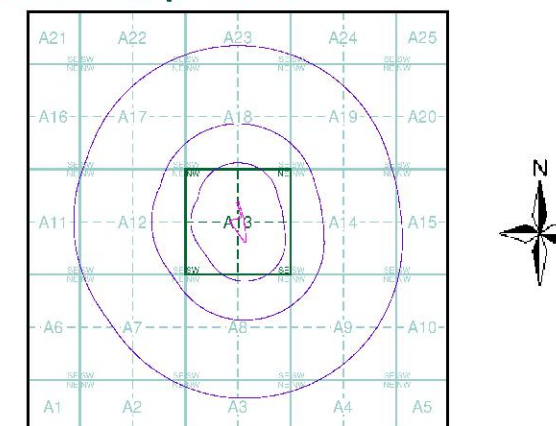
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

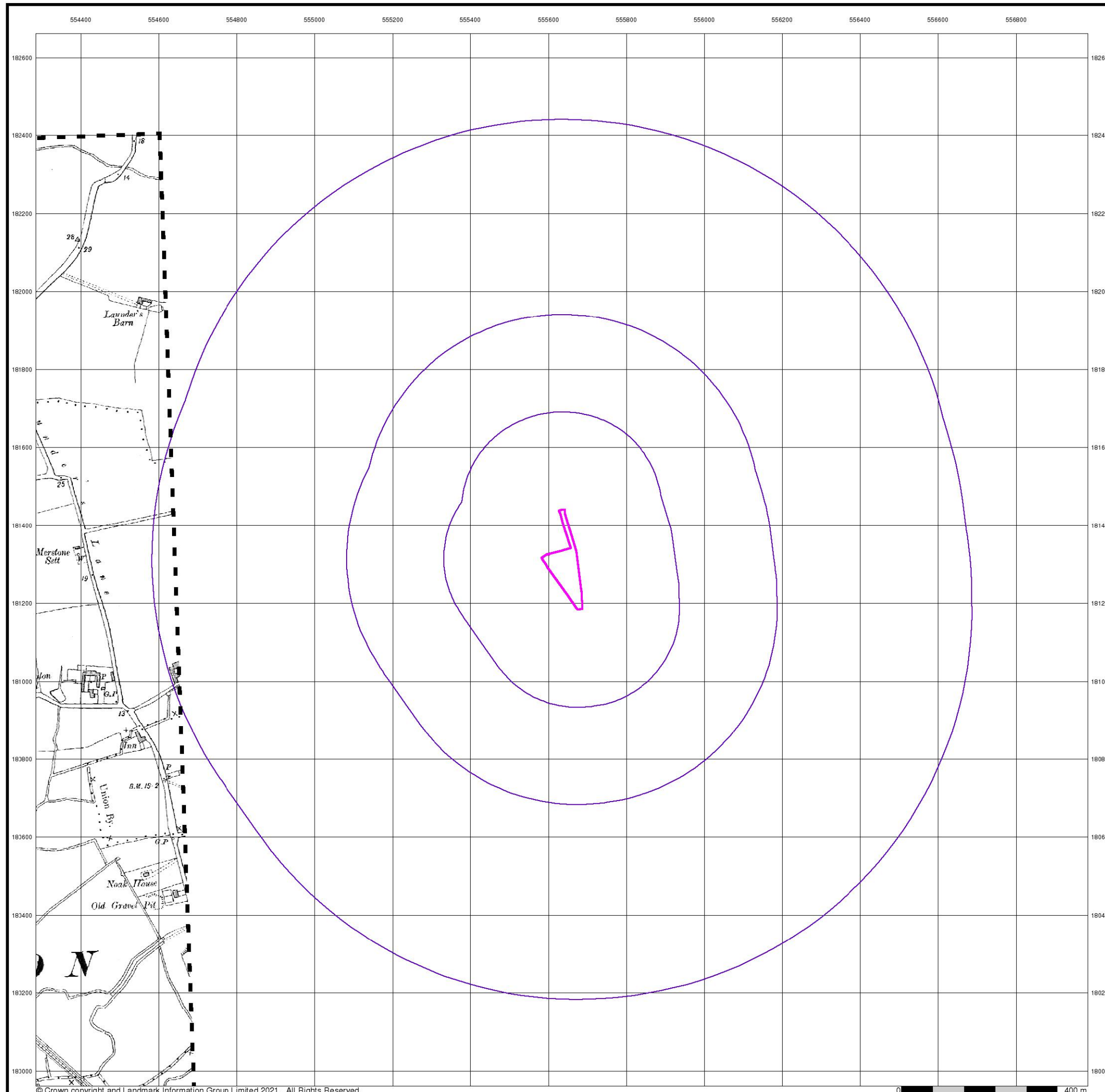


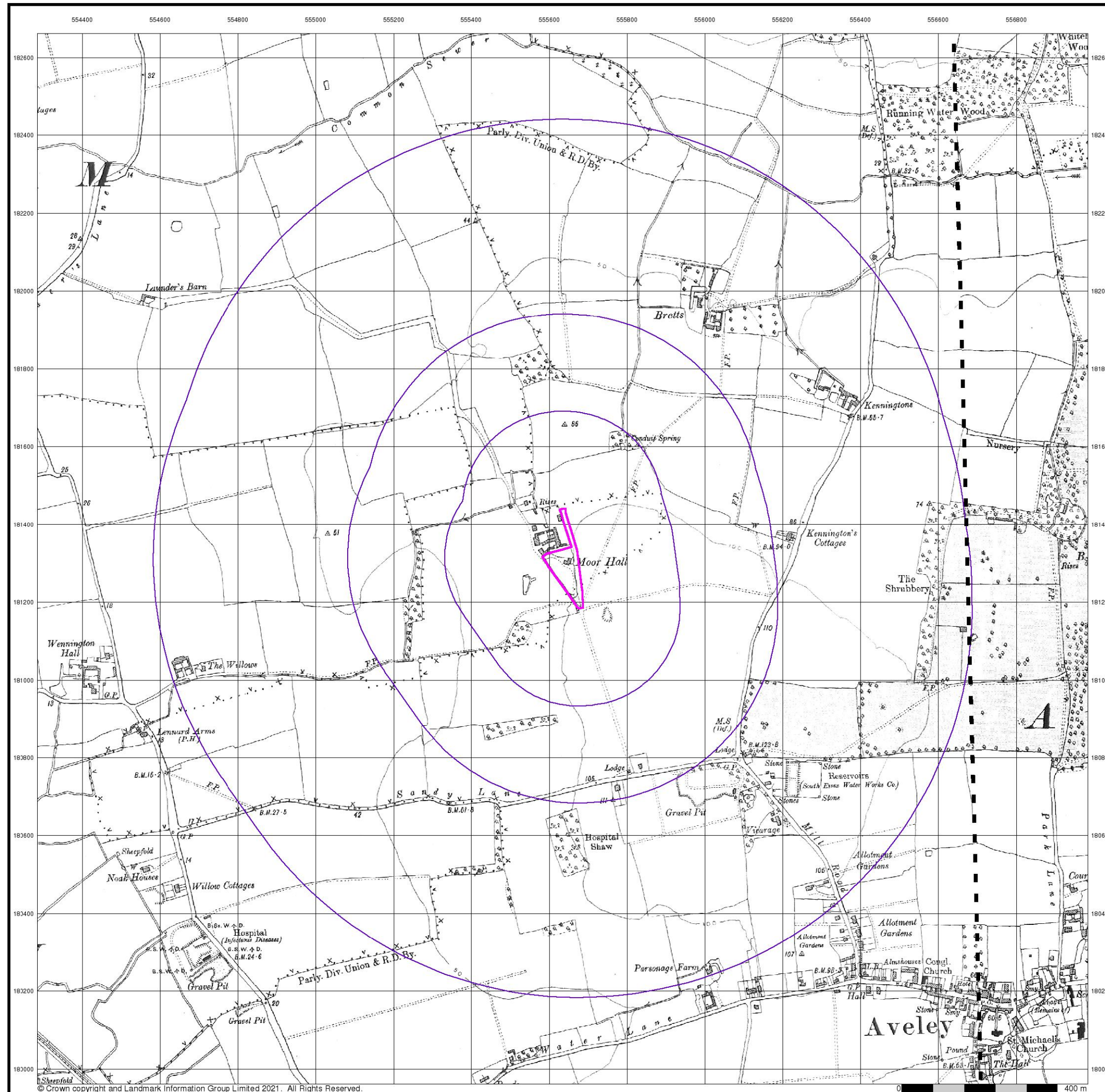
Order Details

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National Grid Reference: 555650, 181310
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Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU





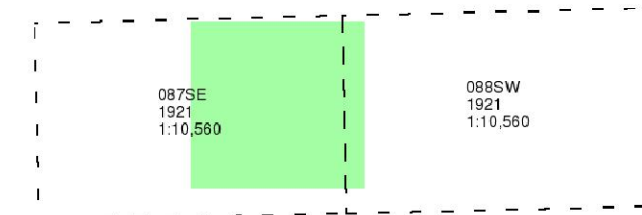
Essex

Published 1921

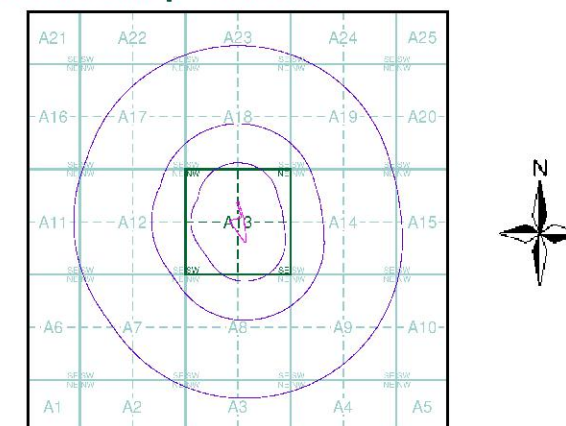
Source map scale - 1:10,560

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: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
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Site Area (Ha): 0.99
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Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU

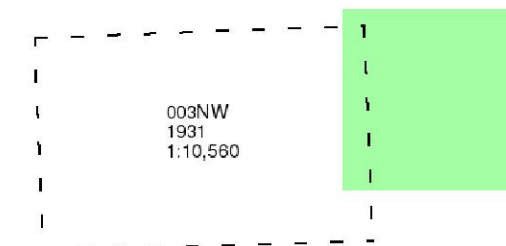
Kent

Published 1931

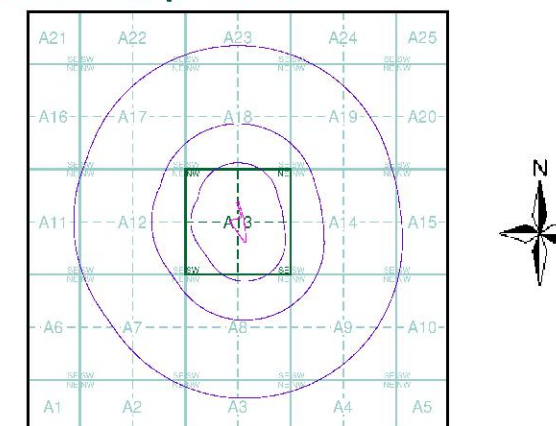
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

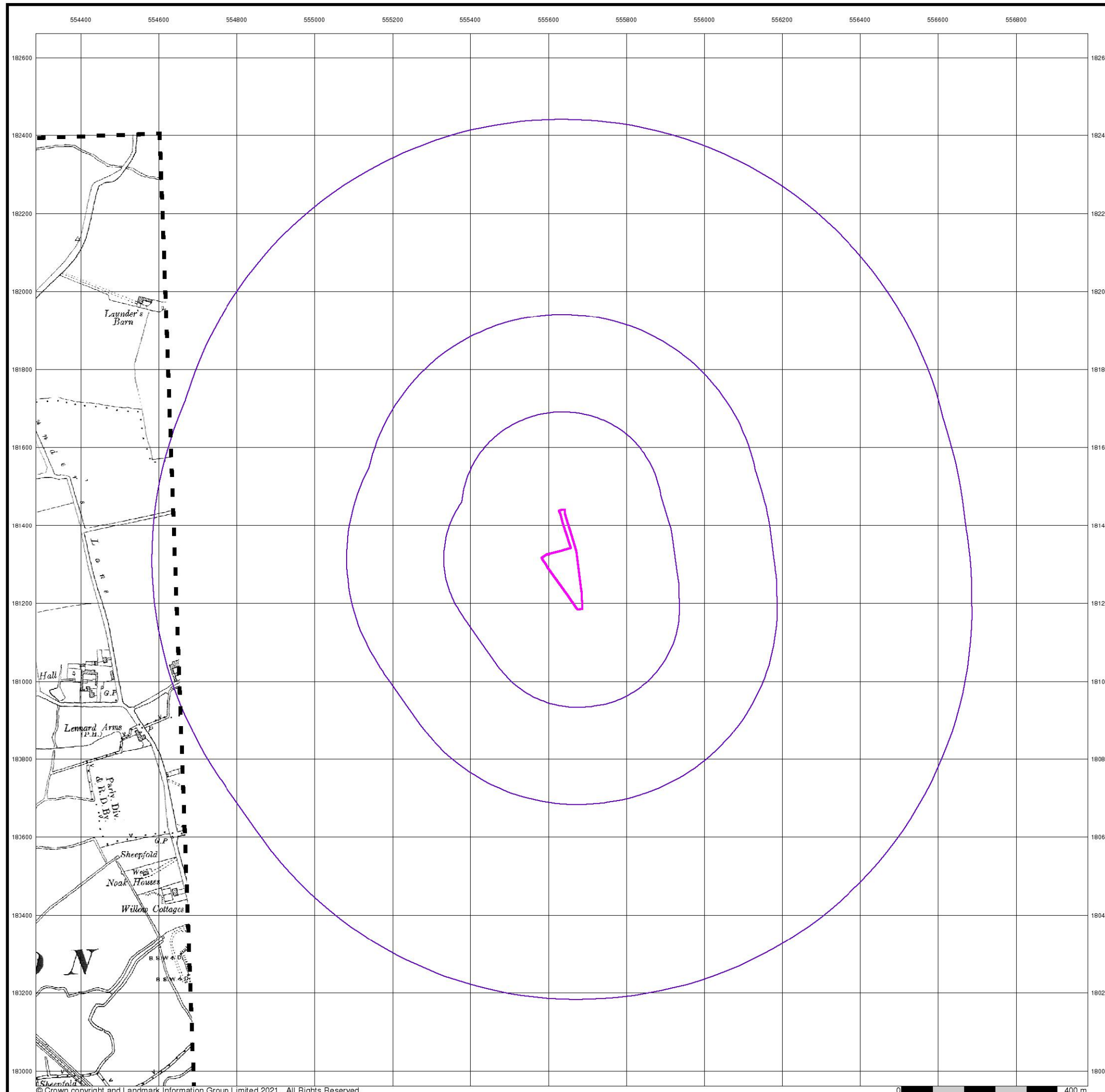


Order Details

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National Grid Reference: 555650, 181310
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Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



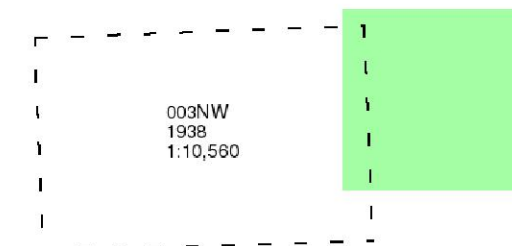
Kent

Published 1938

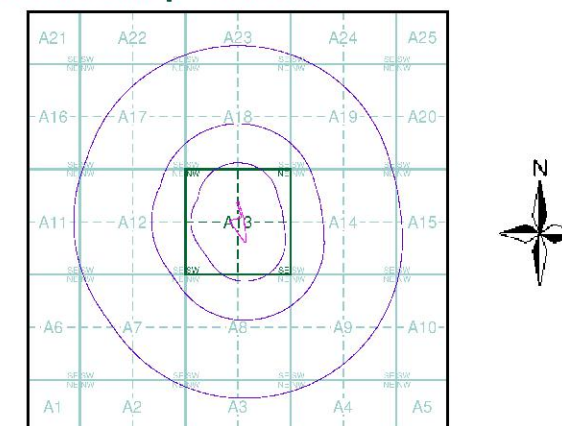
Source map scale - 1:10,560

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

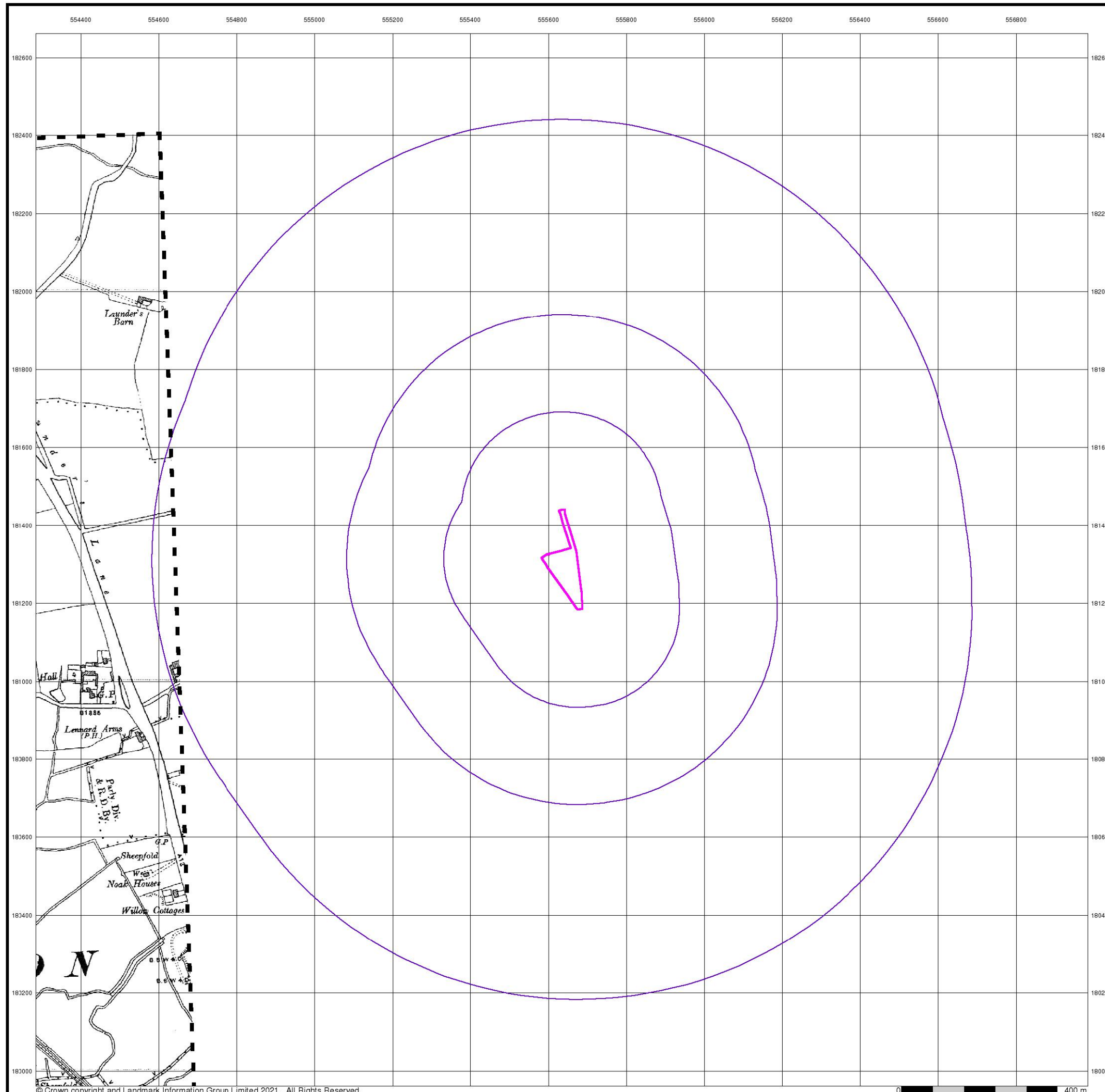


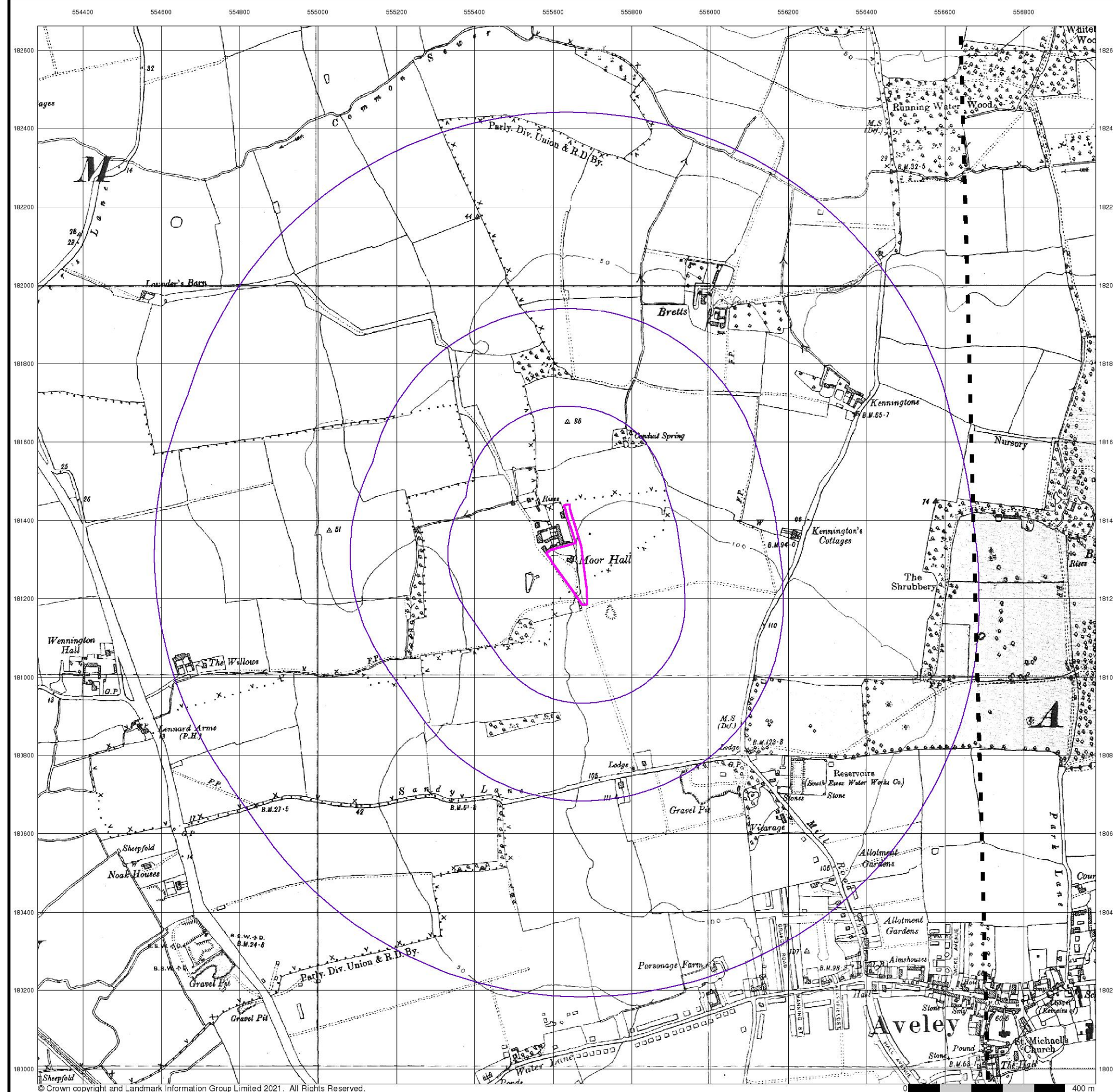
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Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU





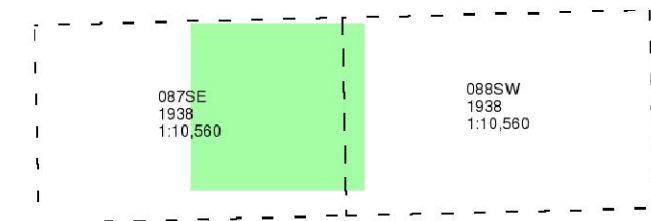
Essex

Published 1938

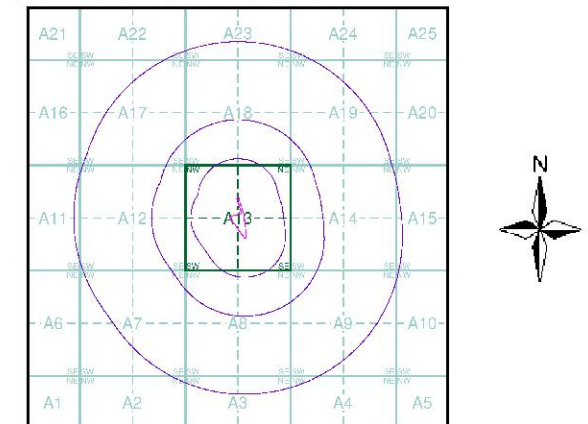
Source map scale - 1:10,560

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

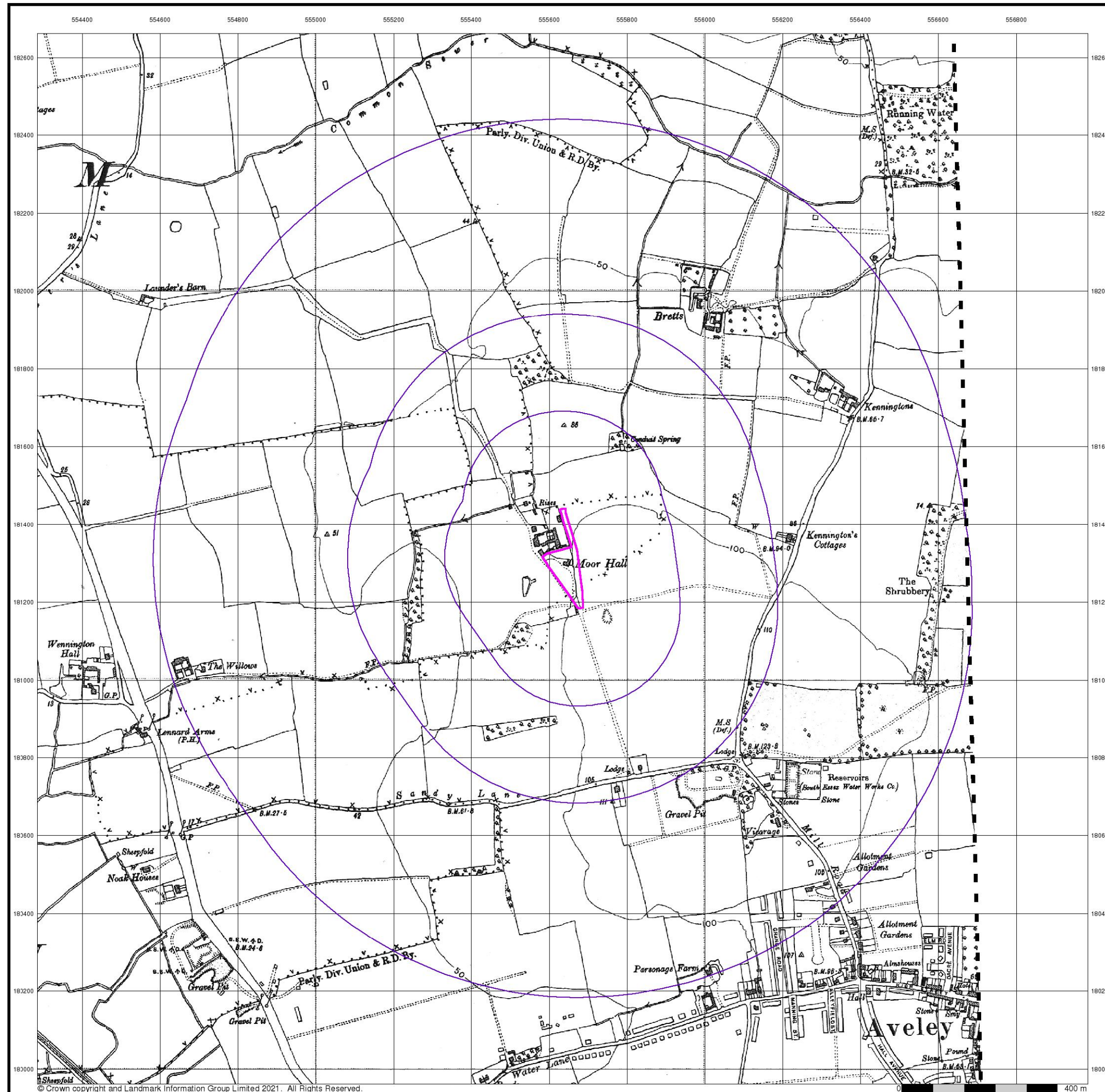
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Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
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Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15
4UU



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



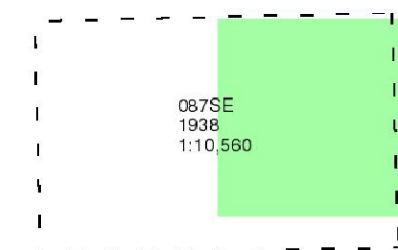
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Published 1938

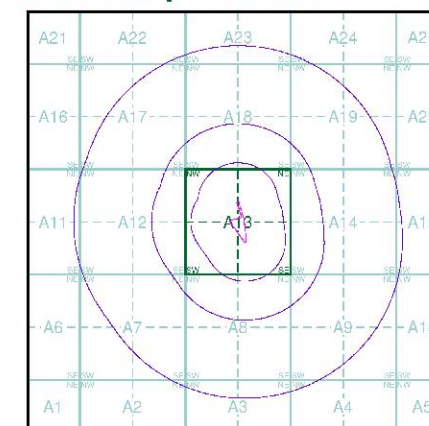
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU

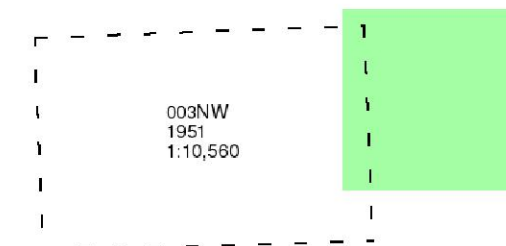
Kent

Published 1951

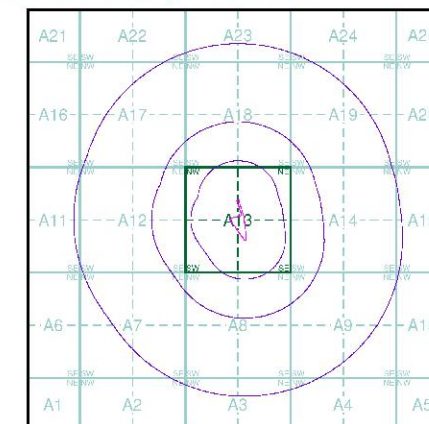
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Map Name(s) and Date(s)



Historical Map - Slice A

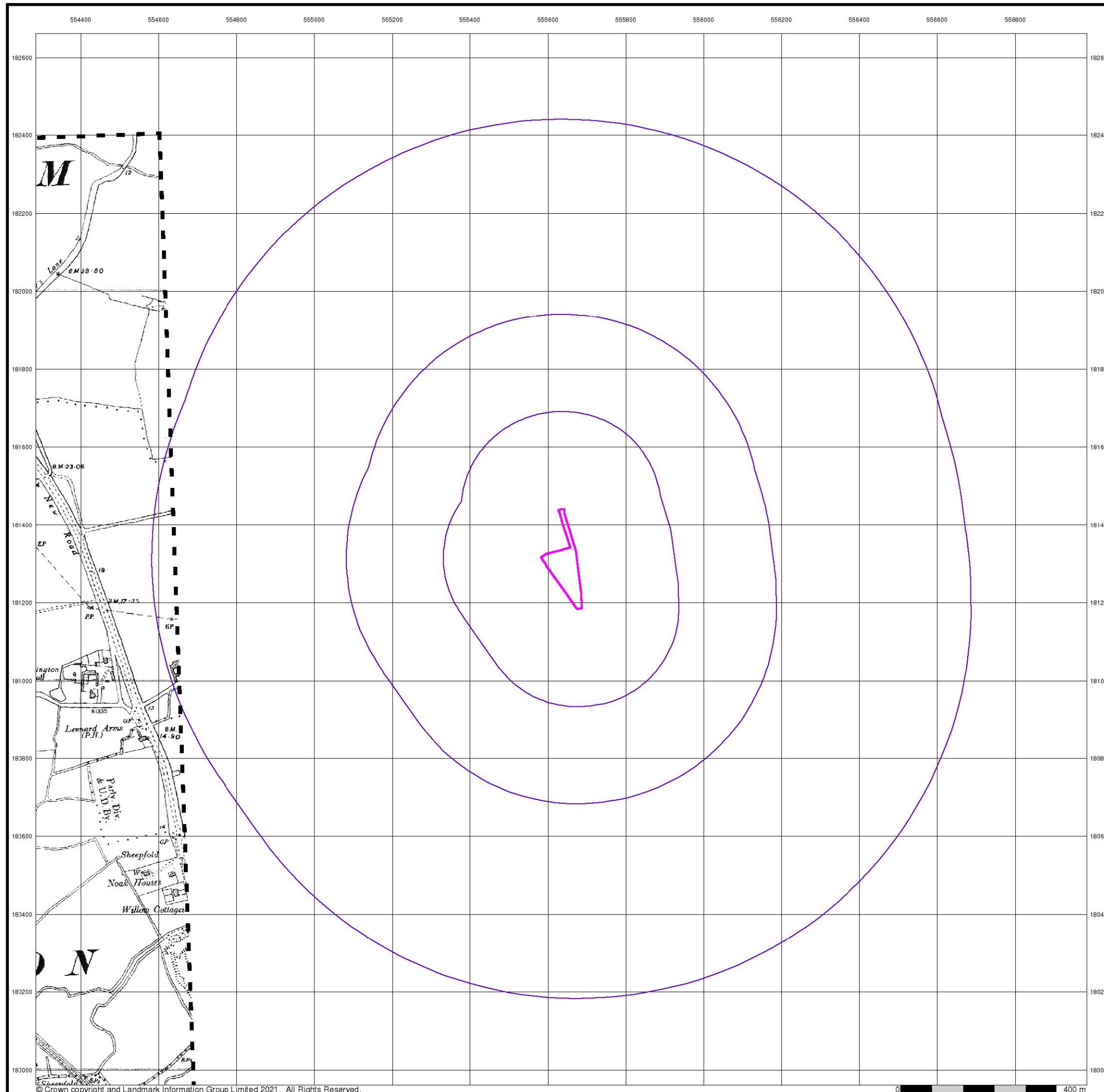


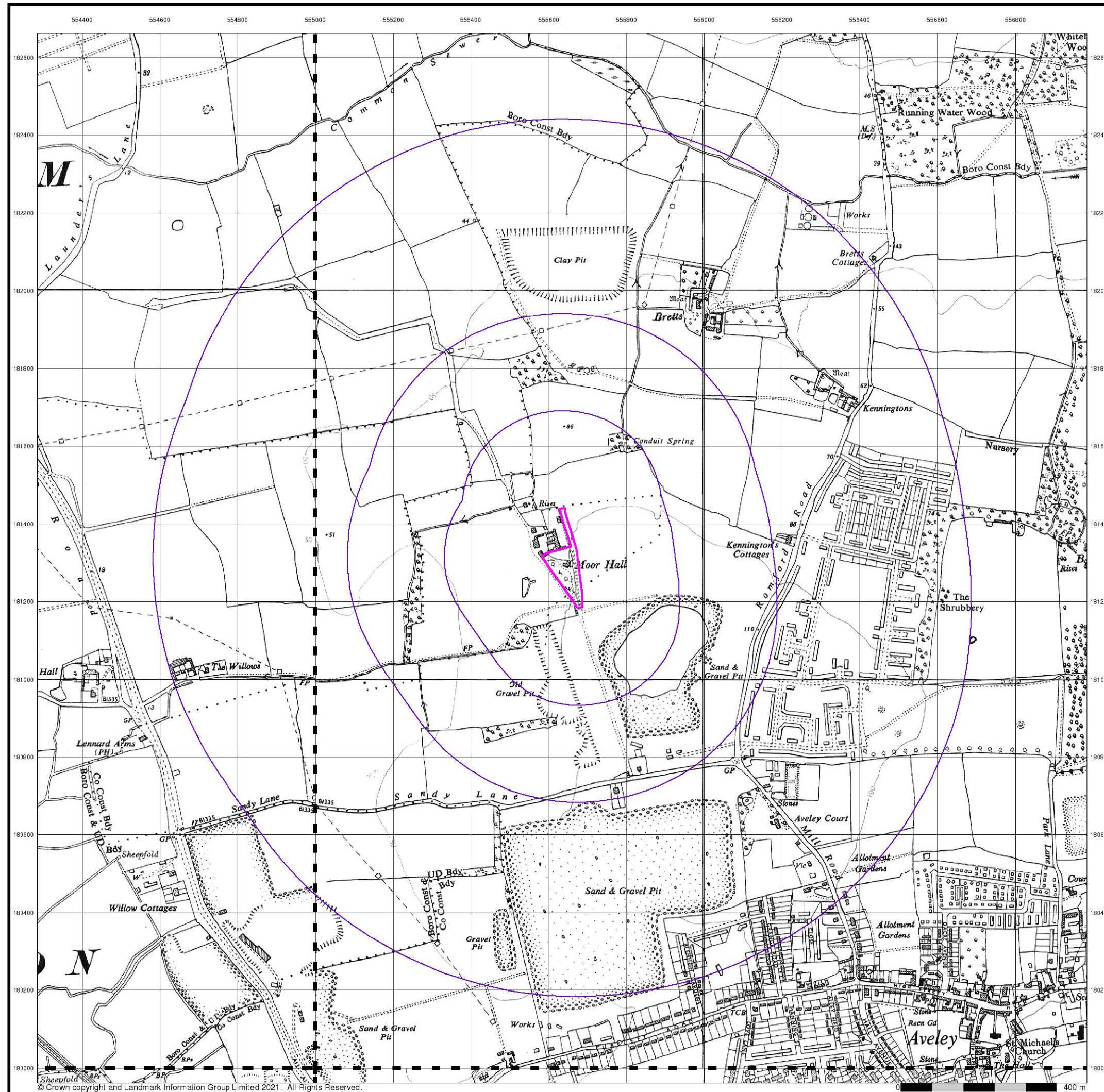
Order Details

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National Grid Reference: 555650, 181310
Slice: A
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Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU





Ordnance Survey Plan

Published 1961

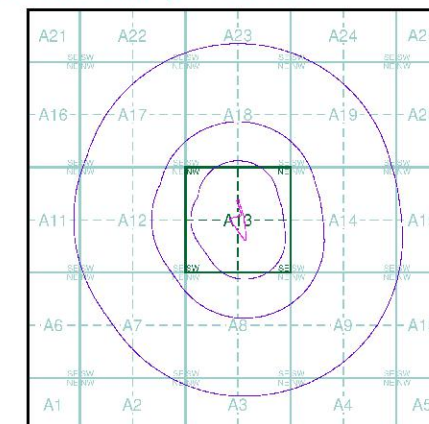
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Map Name(s) and Date(s)

TQ58SW	TQ58SE
1961	1961
1:10,560	1:10,560
TQ57NW	TQ57NE
1961	1961
1:10,560	1:10,560

Historical Map - Slice A

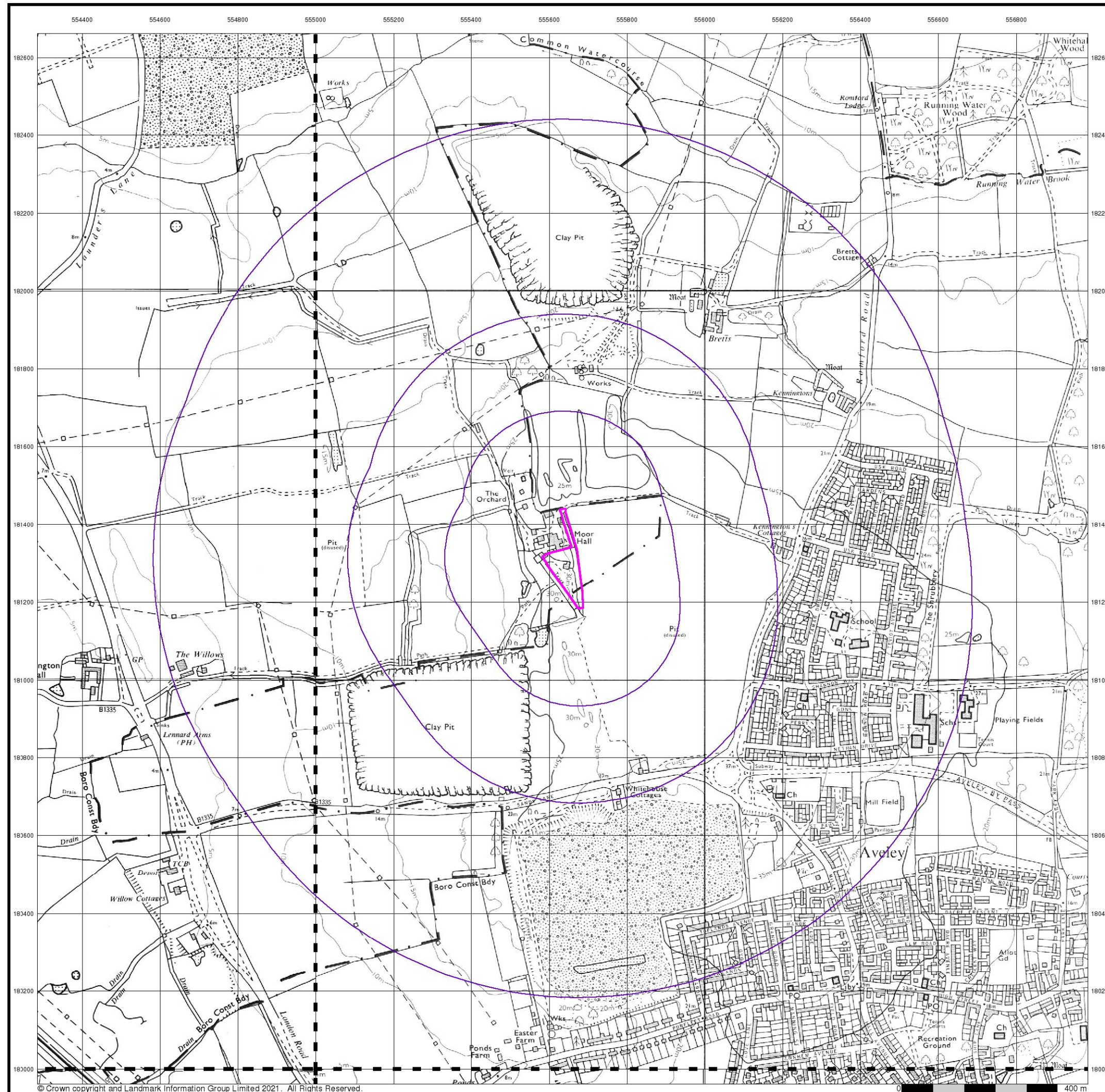


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
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Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



Ordnance Survey Plan

Published 1975 - 1977

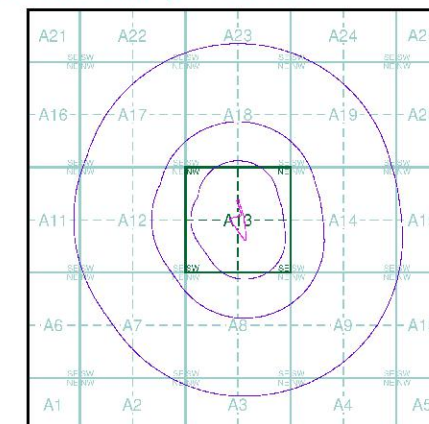
Source map scale - 1:10,000

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)

TQ58SW	TQ58SE
1976	1975
1:10,000	1:10,000
TQ57NW	TQ57NE
1975	1977
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



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Ordnance Survey Plan

Published 1987 - 1989

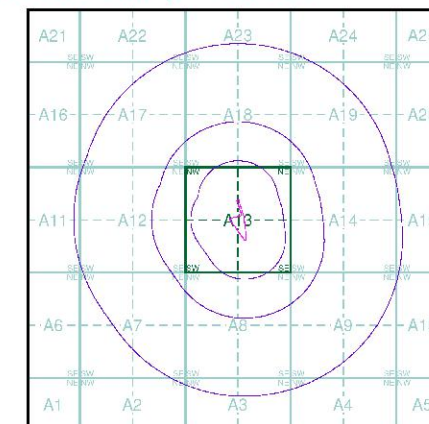
Source map scale - 1:10,000

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Map Name(s) and Date(s)

TQ58SE	1989	1:10,000
TQ57NW	1987	1:10,000
TQ57NE	1987	1:10,000

Historical Map - Slice A



Order Details

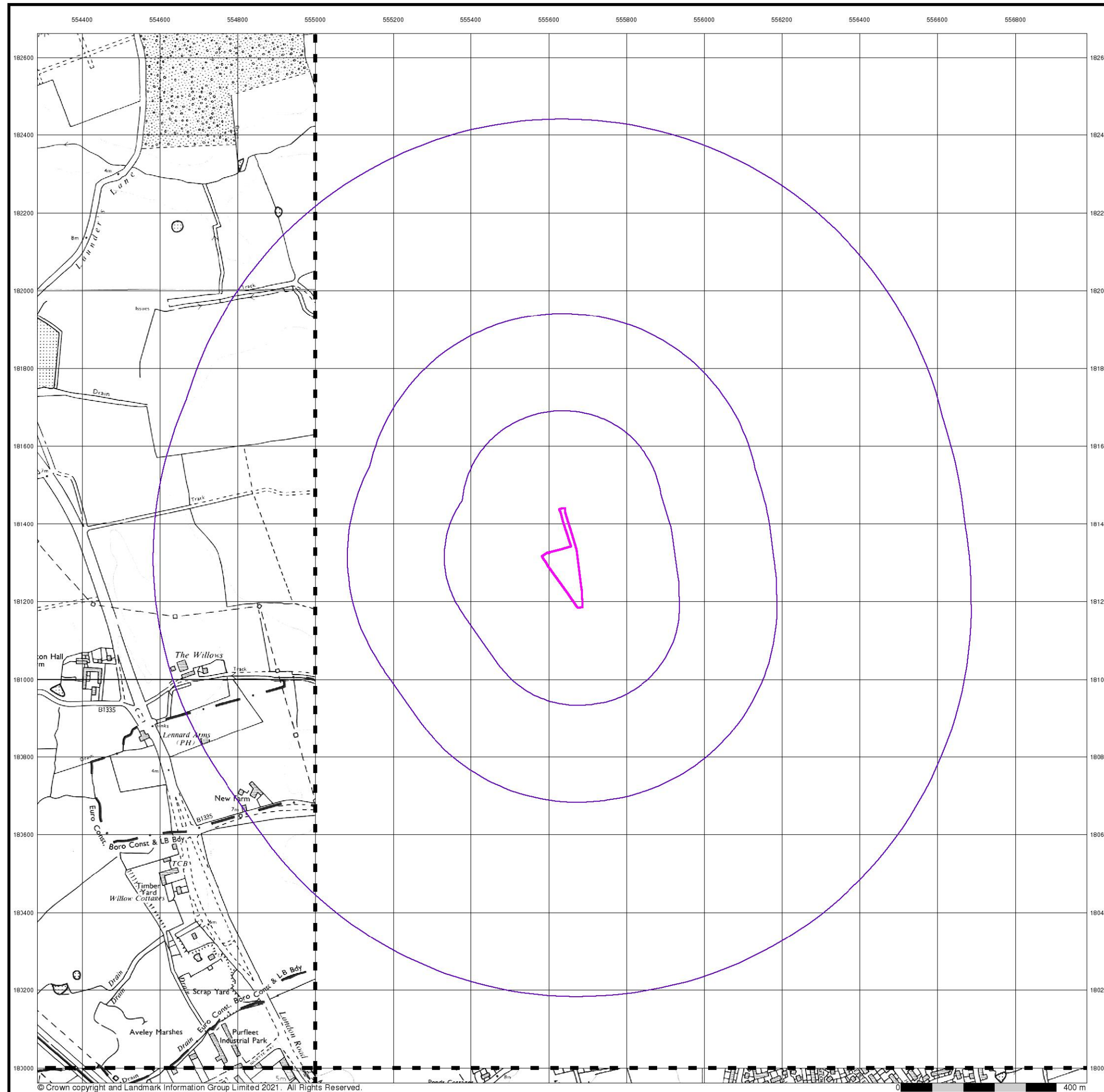
Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



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Ordnance Survey Plan

Published 1993 - 1996

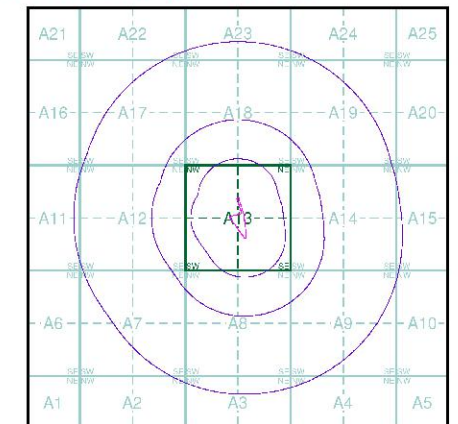
Source map scale - 1:10,000

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)

TQ58SW	1993	1:10,000
TQ57NW	1996	1:10,000
TQ57NE	1993	1:10,000

Historical Map - Slice A



Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU

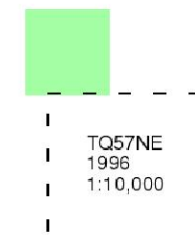
Ordnance Survey Plan

Published 1996

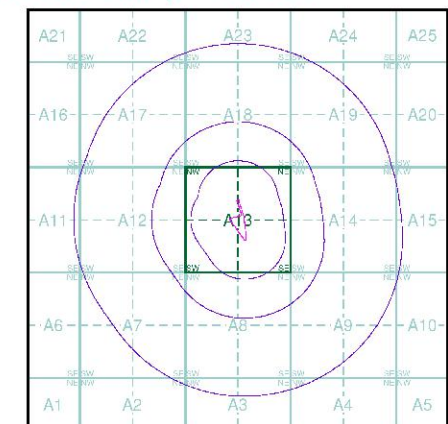
Source map scale - 1:10,000

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: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

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10k Raster Mapping

Published 1999

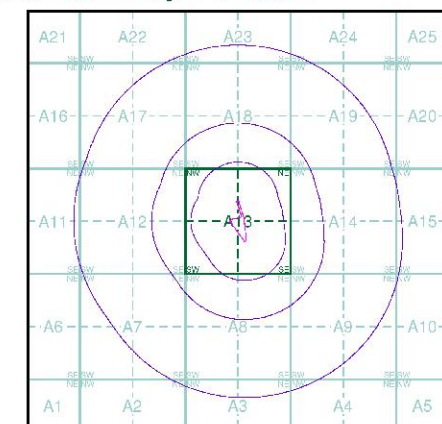
Source map scale - 1:10,000

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)

TQ58SW	TQ58SE
1999	1999
1:10,000	1:10,000
TQ57NW	TQ57NE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



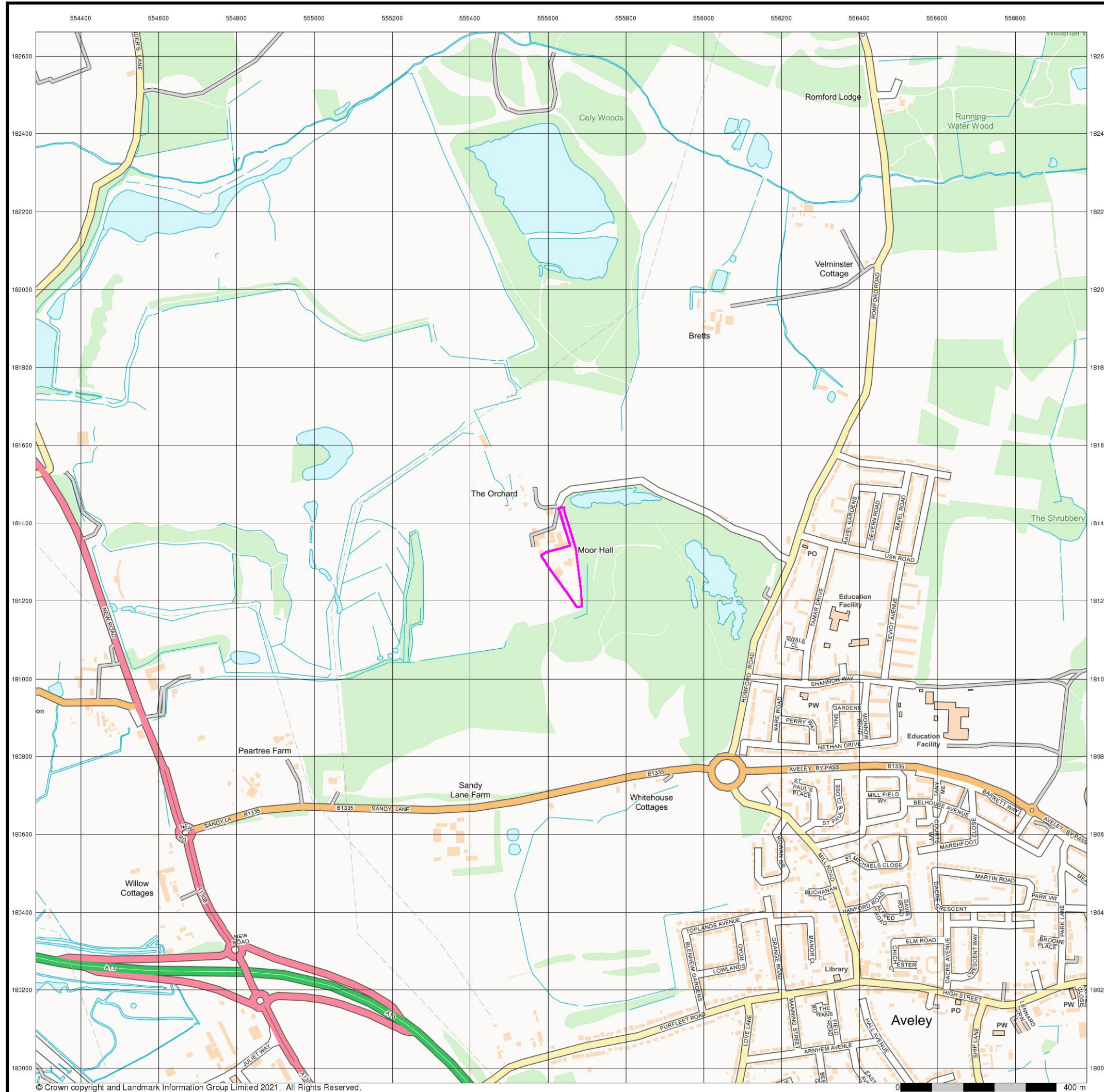
Order Details

Order Number: 284164186_1_1
 Customer Ref: P21-274
 National Grid Reference: 555650, 181310
 Slice: A
 Site Area (Ha): 0.99
 Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU





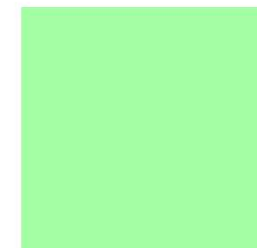
Street View

Published 2021

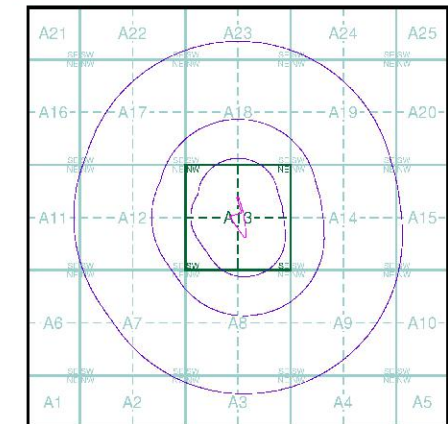
Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

Map Name(s) and Date(s)



Street View Map - Slice A



Order Details

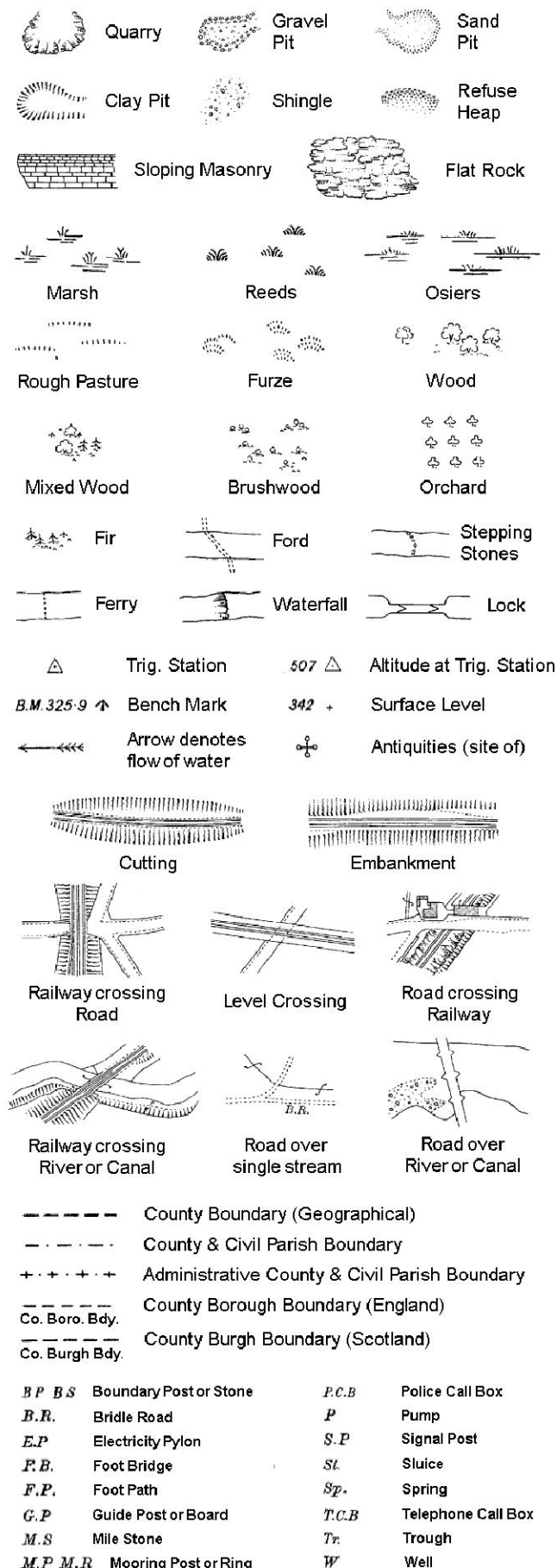
Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

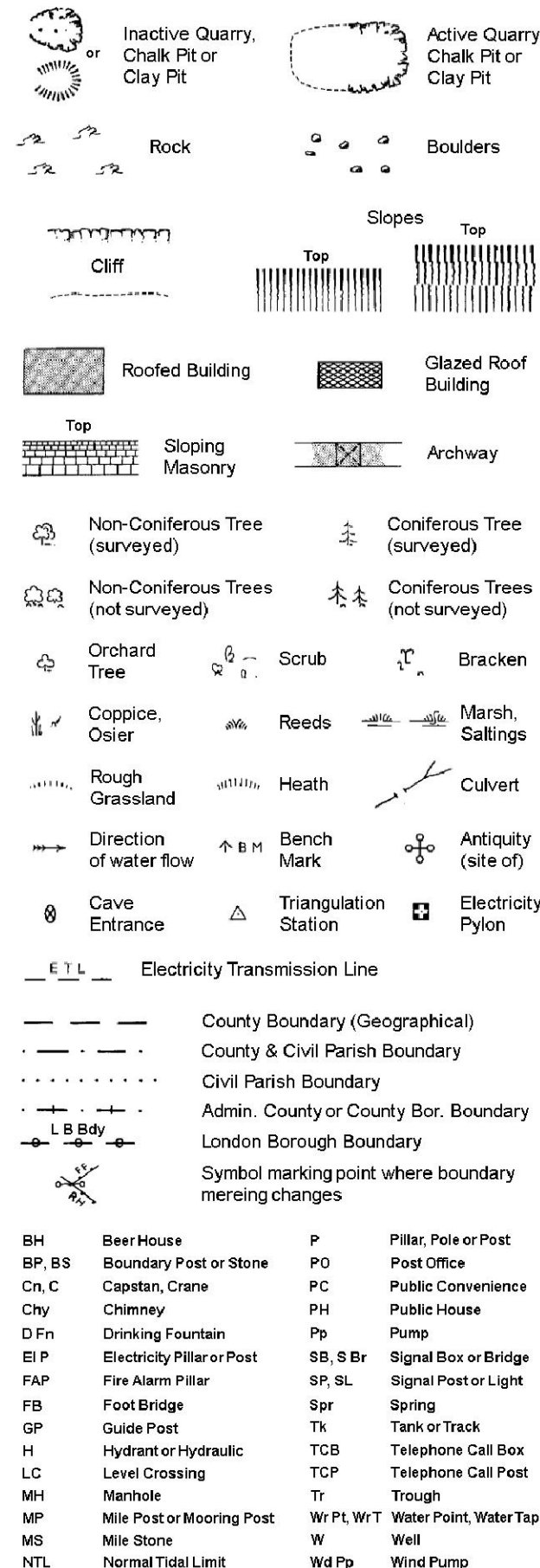
Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU

Historical Mapping Legends

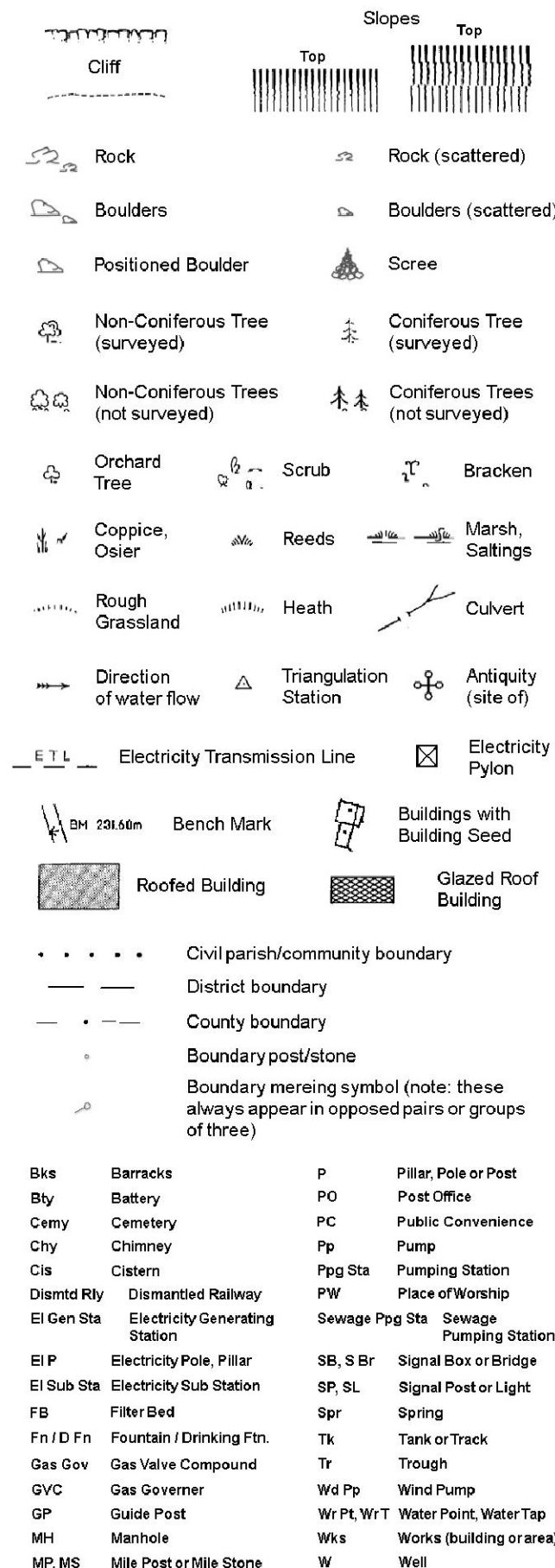
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



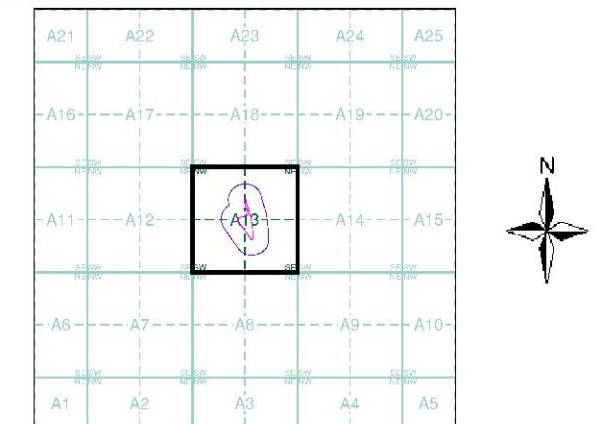
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1866	2
Essex	1:2,500	1867	3
Essex	1:2,500	1867	4
Essex	1:2,500	1897	5
Essex	1:2,500	1920	6
Essex	1:2,500	1939	7
Ordnance Survey Plan	1:2,500	1960 - 1965	8
Ordnance Survey Plan	1:2,500	1972	9
Additional SIMs	1:2,500	1985	10
Large-Scale National Grid Data	1:2,500	1992	11
Large-Scale National Grid Data	1:2,500	1992	12
Large-Scale National Grid Data	1:2,500	1995	13

Historical Map - Segment A13

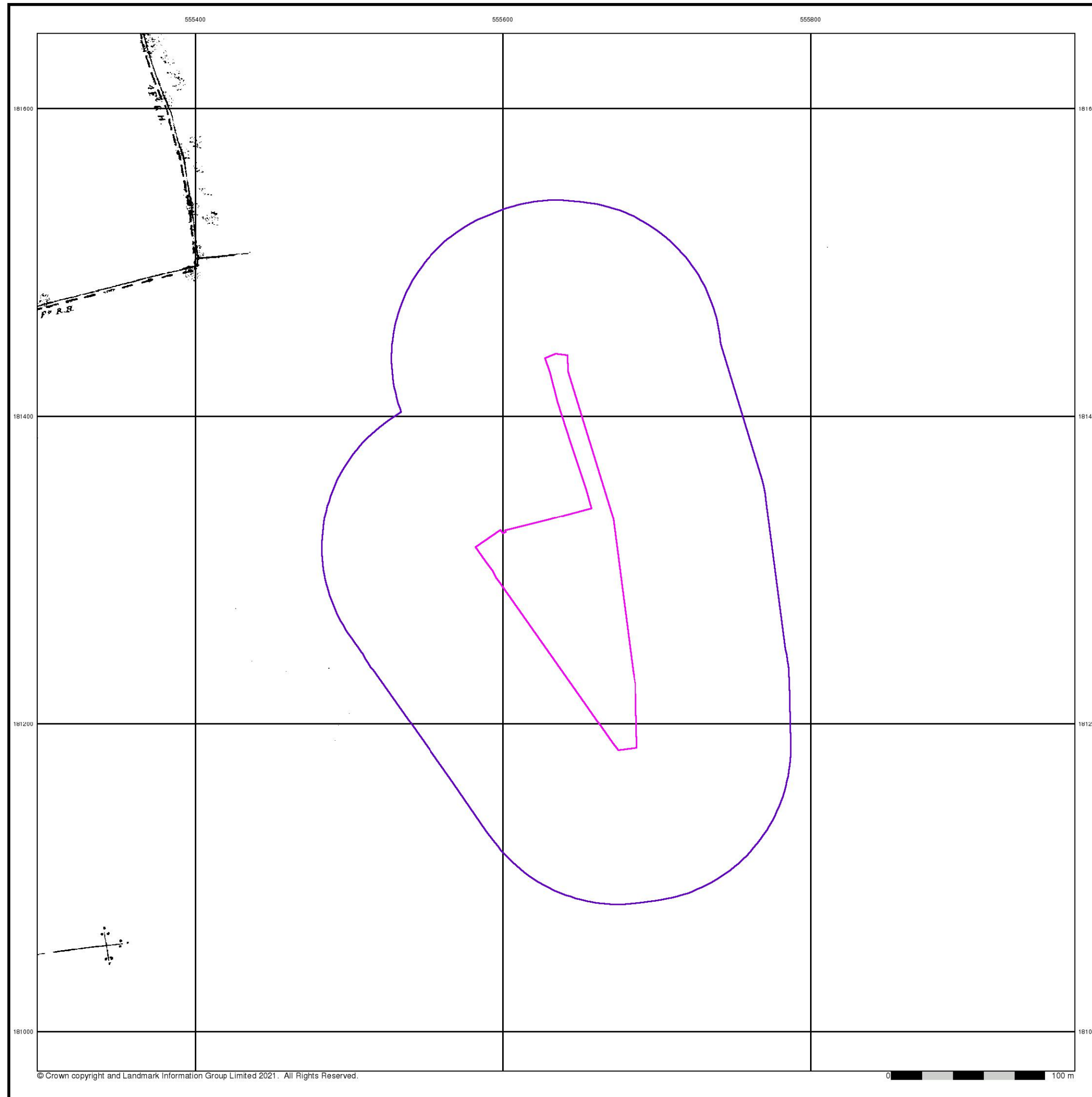


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

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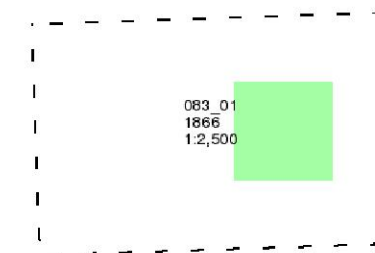
Essex

Published 1866

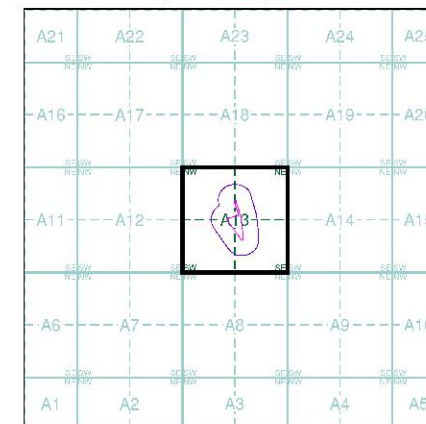
Source map scale - 1:2,500

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: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



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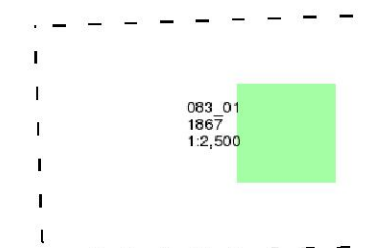
Essex

Published 1867

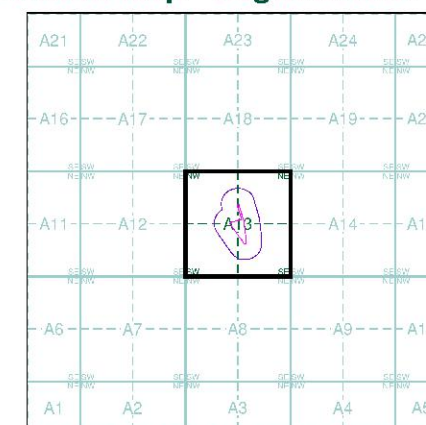
Source map scale - 1:2,500

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

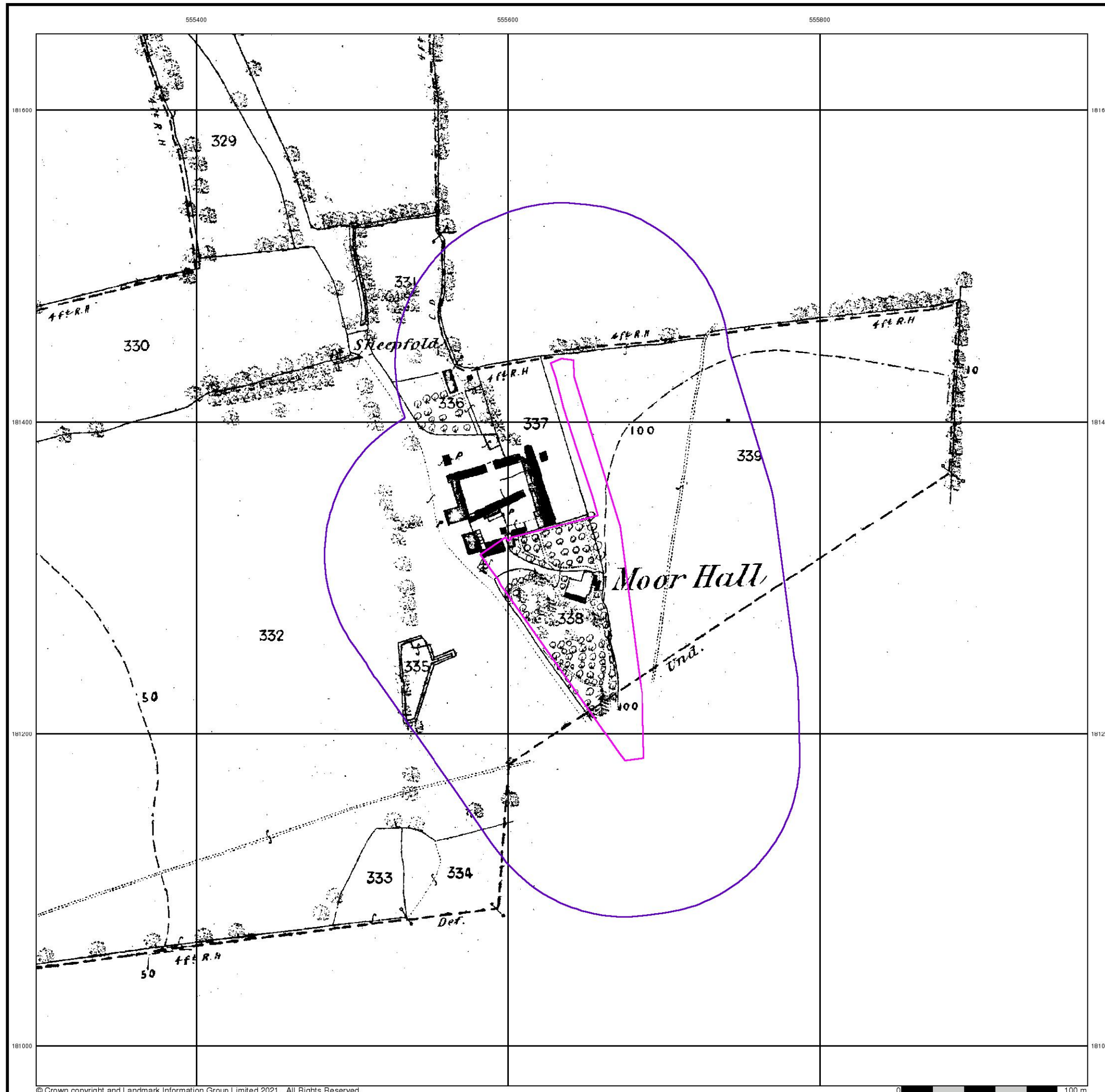


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



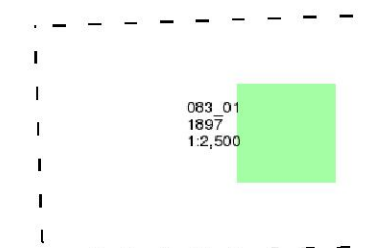
Essex

Published 1897

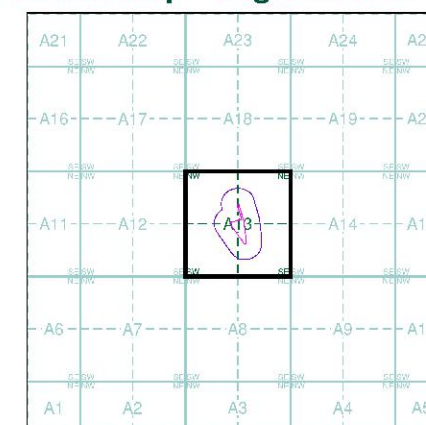
Source map scale - 1:2,500

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

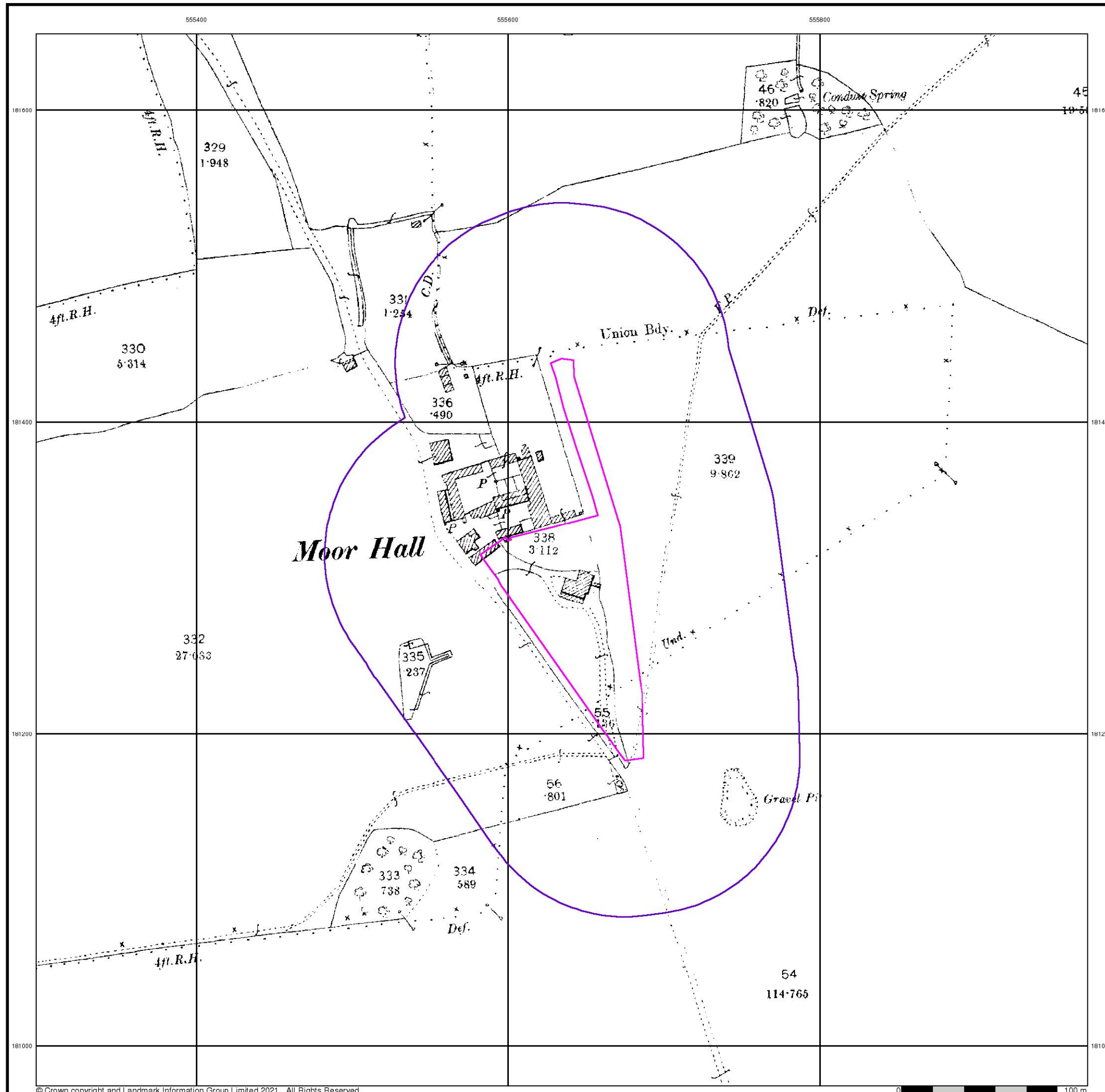


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



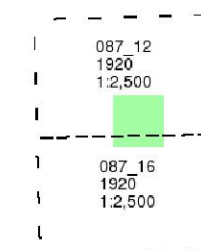
Essex

Published 1920

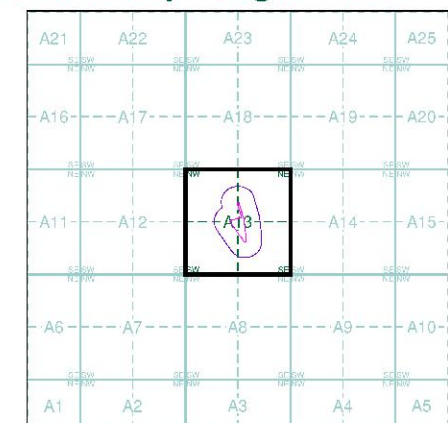
Source map scale - 1:2,500

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

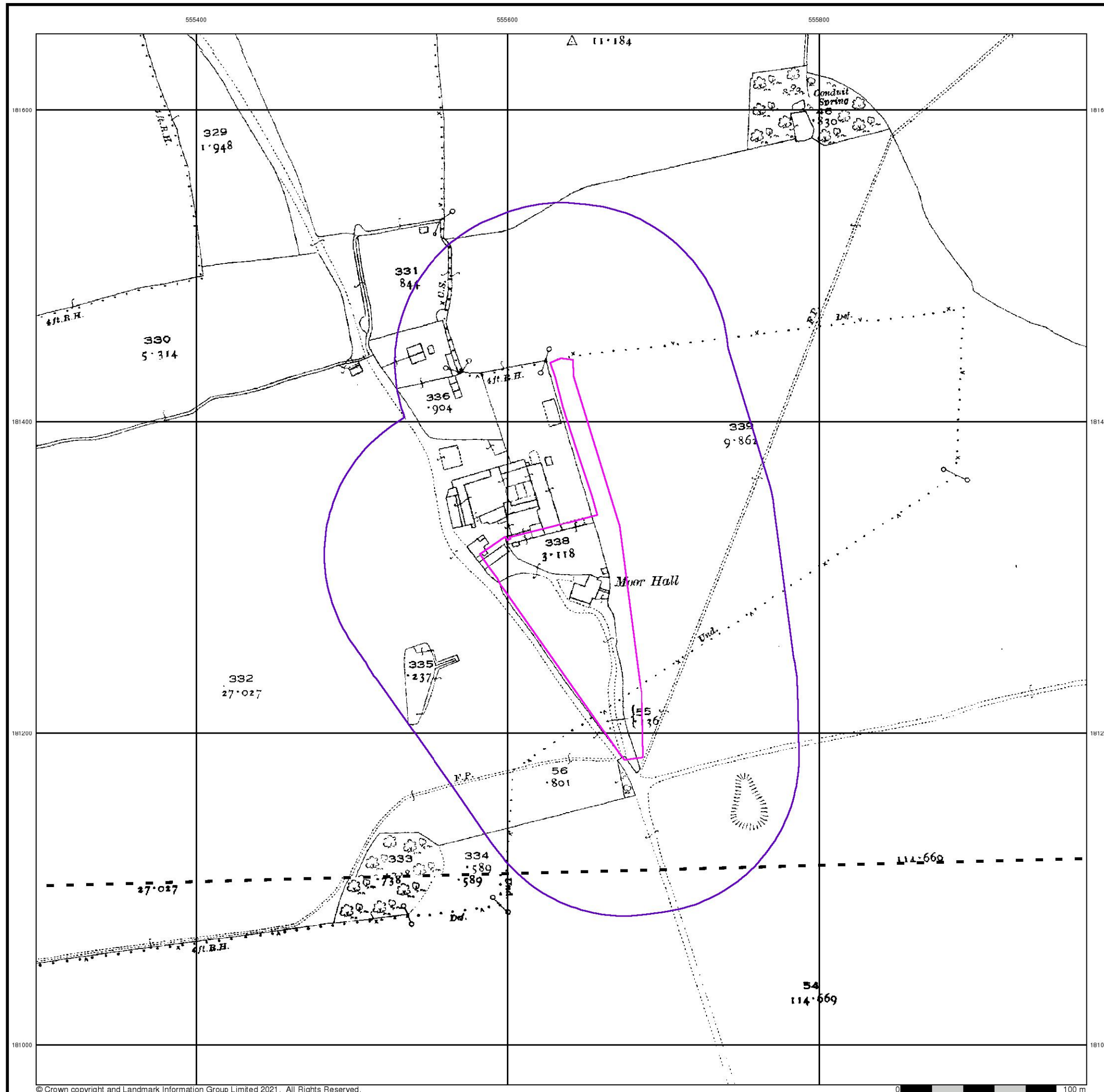


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



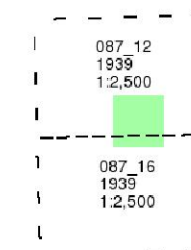
Essex

Published 1939

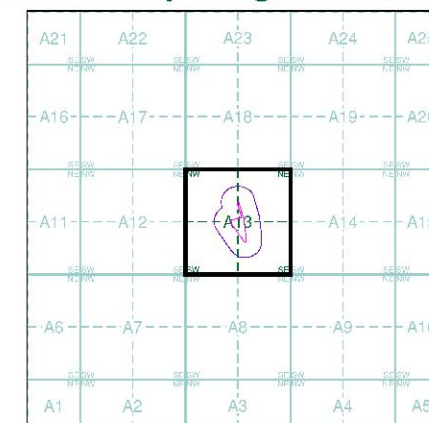
Source map scale - 1:2,500

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

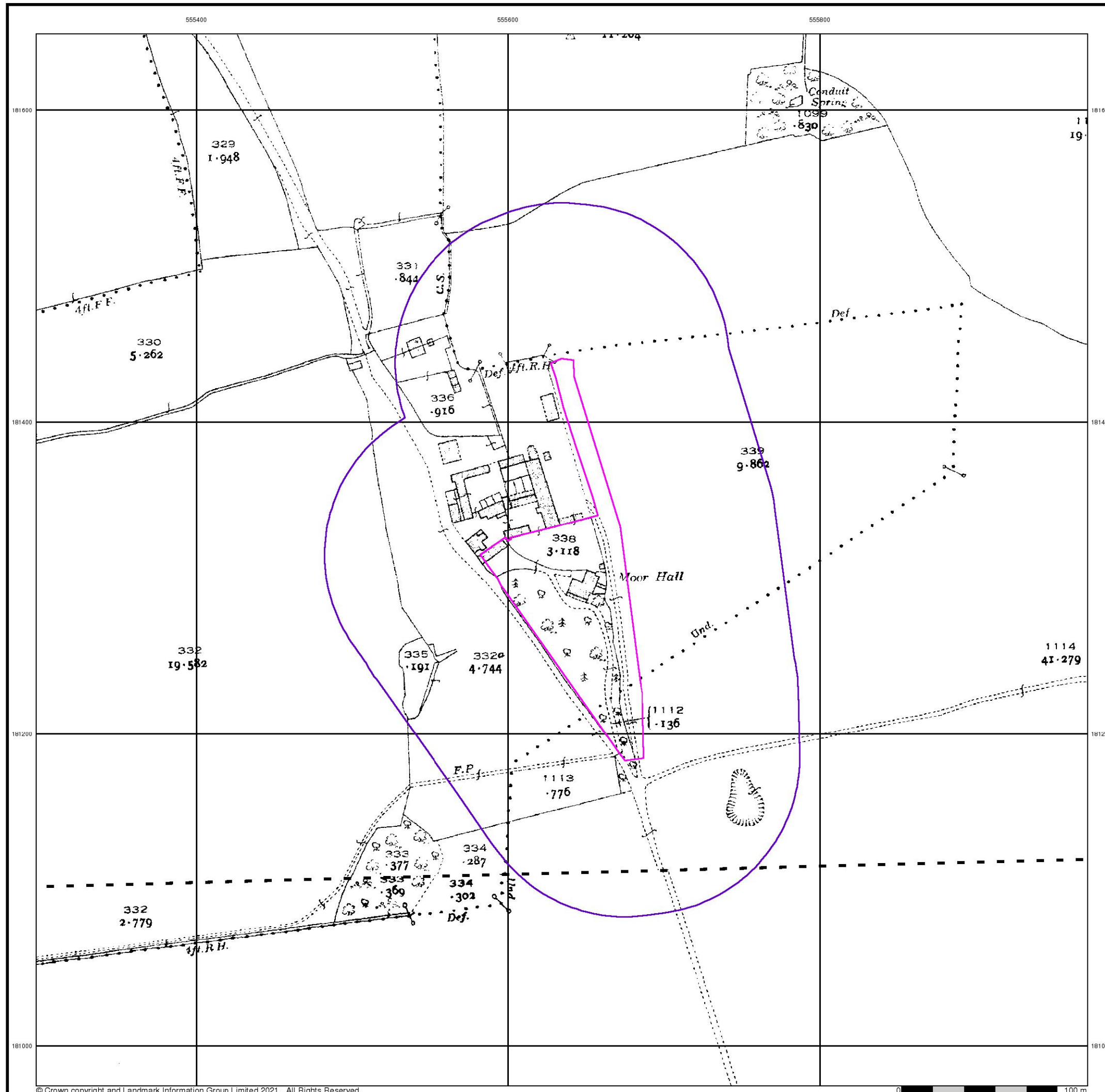


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



Ordnance Survey Plan

Published 1960 - 1965

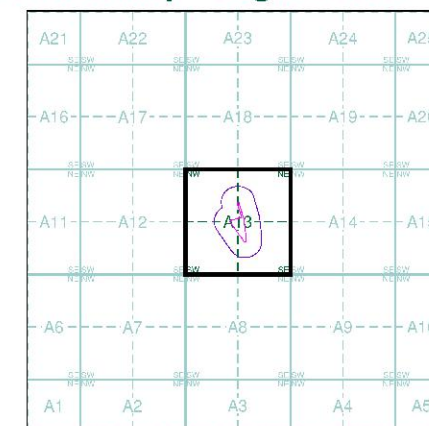
Source map scale - 1:2,500

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)

TQ5581	1965	1:2,500
TQ5580	1960	1:2,500

Historical Map - Segment A13

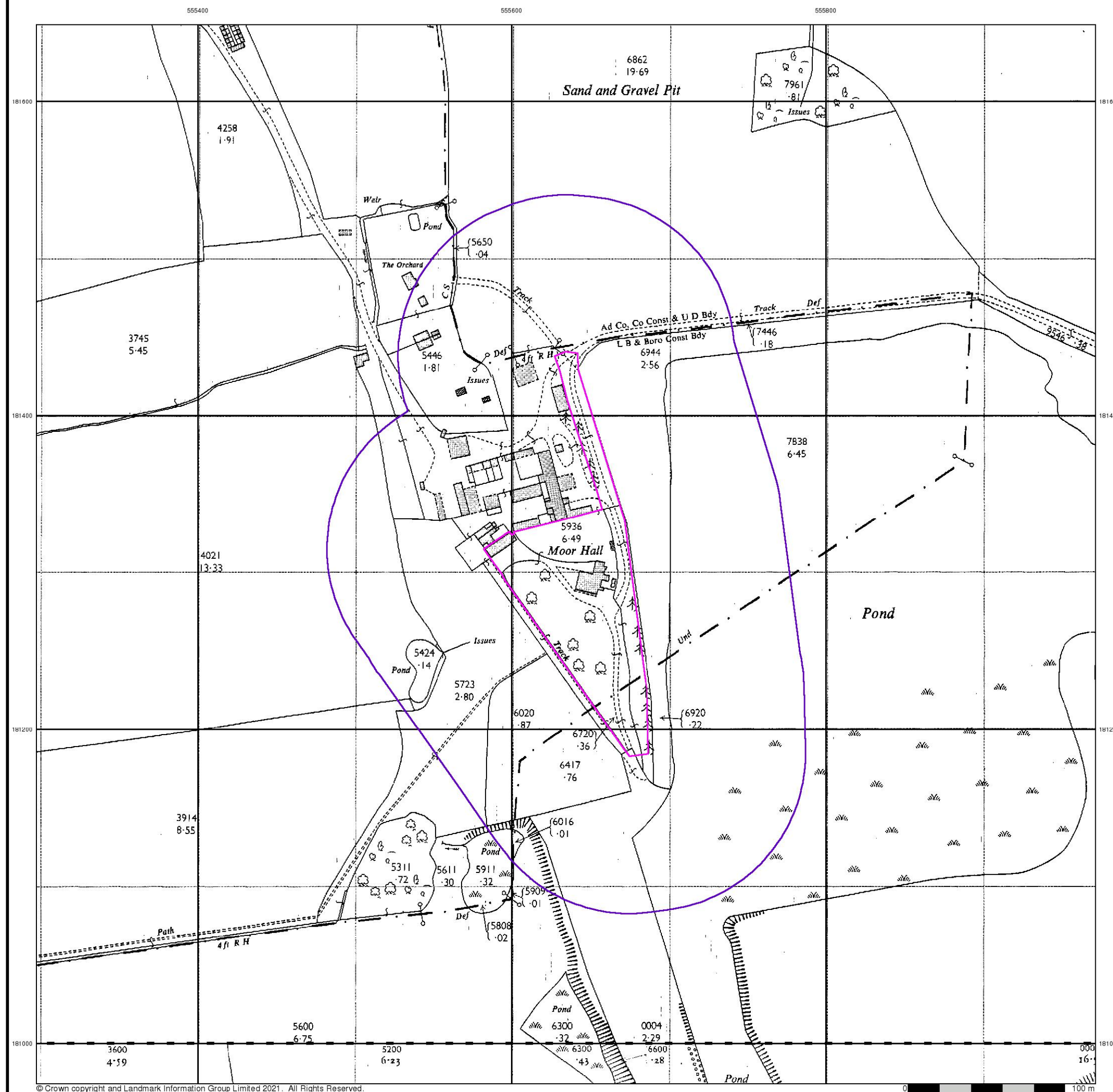


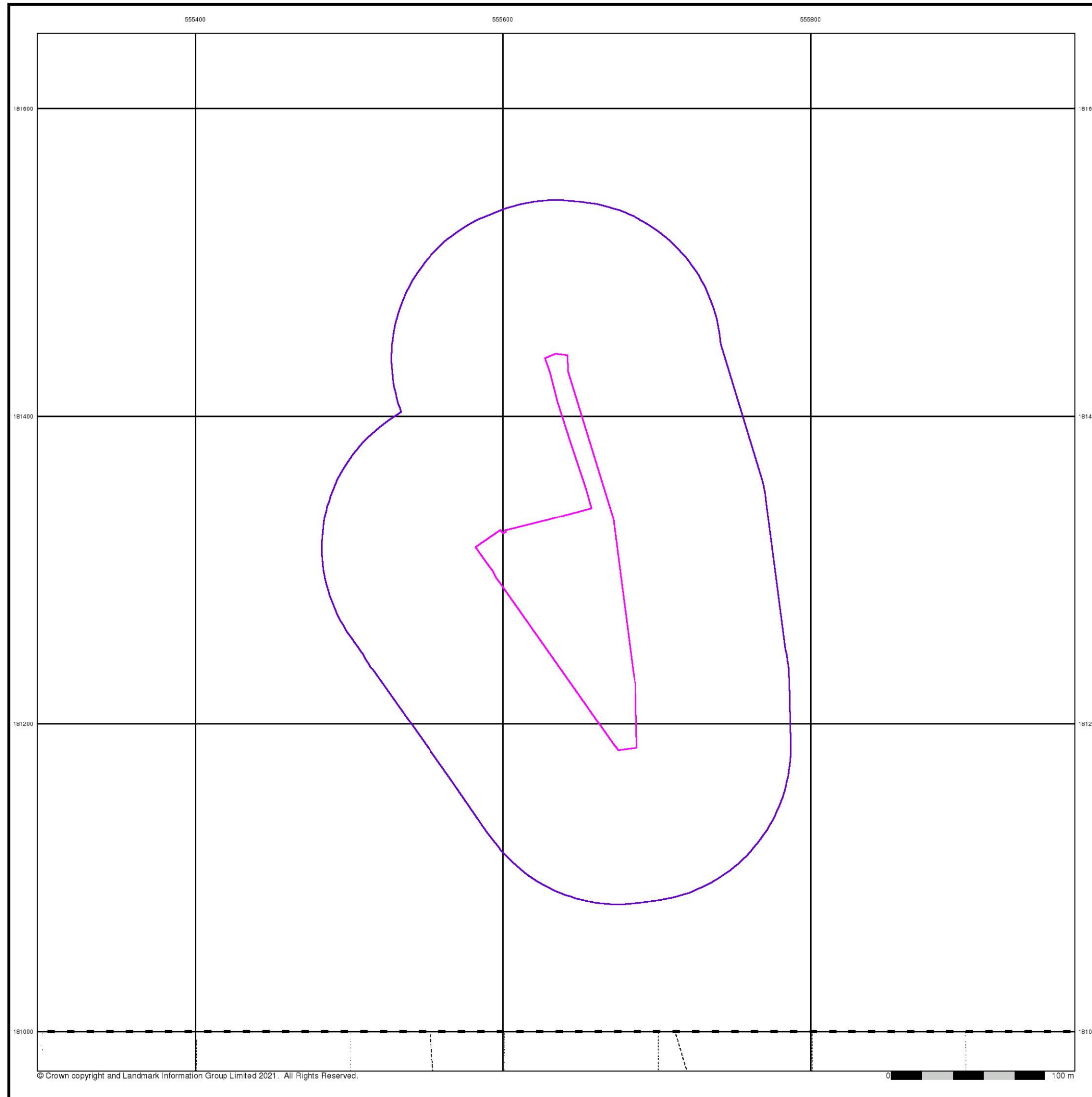
Order Details

Order Number: 284164186_1_1
 Customer Ref: P21-274
 National Grid Reference: 555650, 181310
 Slice: A
 Site Area (Ha): 0.99
 Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU





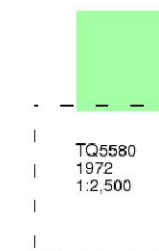
Ordnance Survey Plan

Published 1972

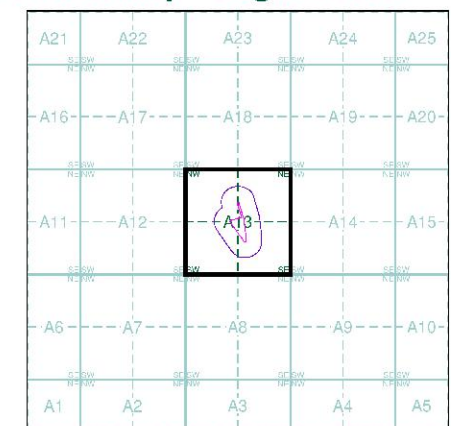
Source map scale - 1:2,500

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

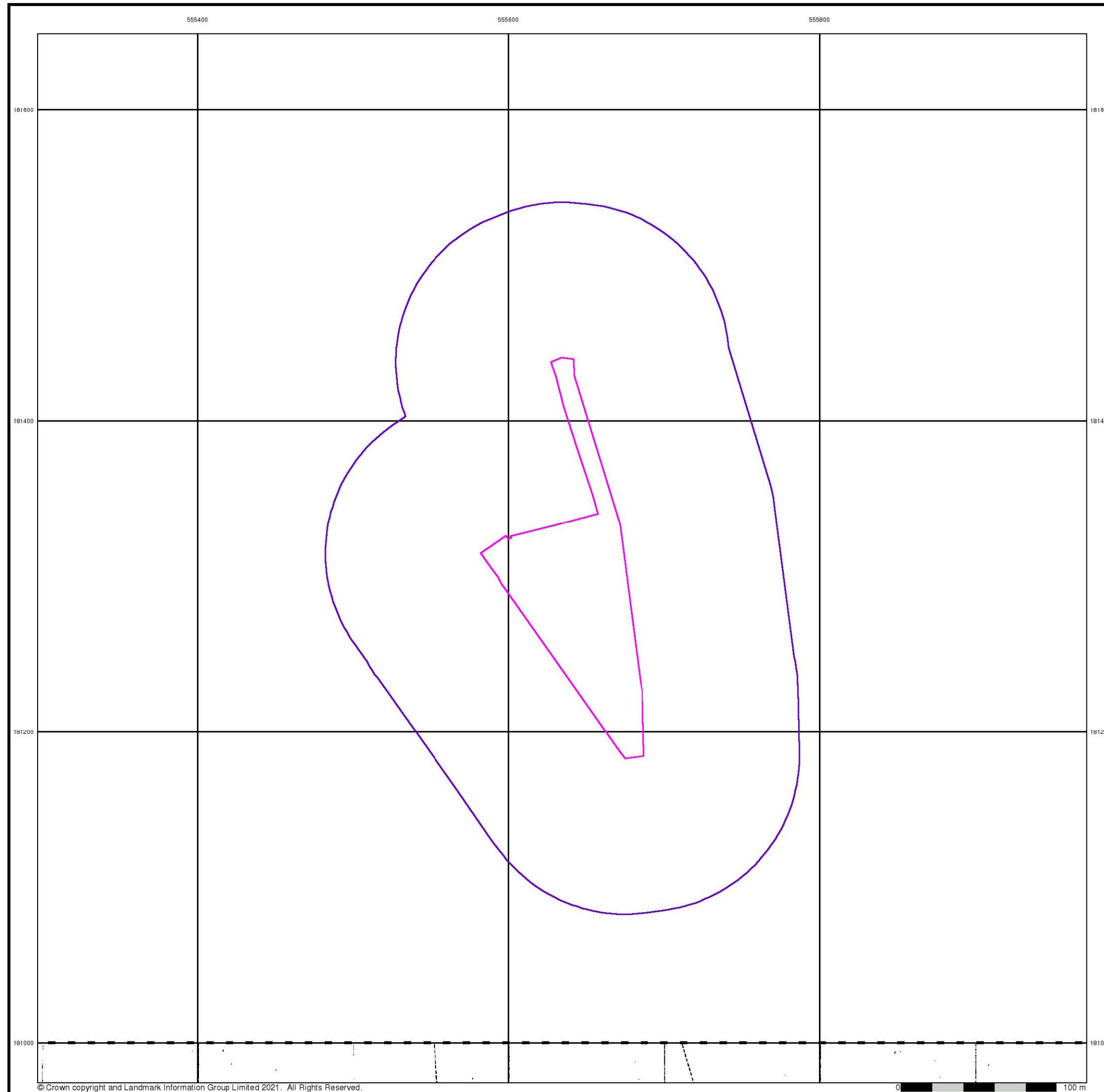
Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

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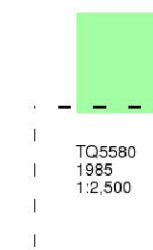
Additional SIMs

Published 1985

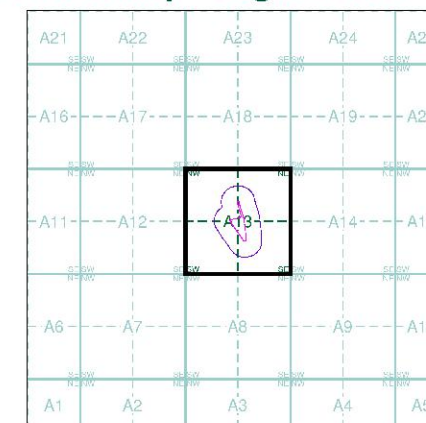
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



Tel: 0844 844 9952
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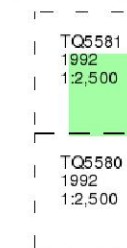
Large-Scale National Grid Data

Published 1992

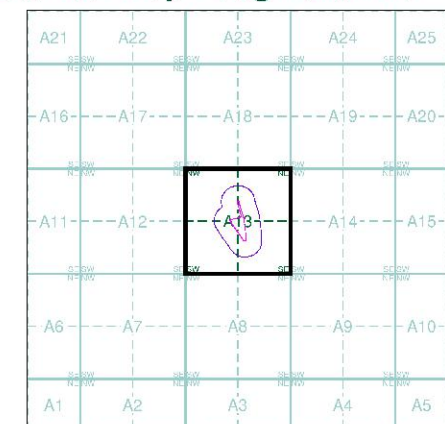
Source map scale - 1:2,500

'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: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



Large-Scale National Grid Data

Published 1992

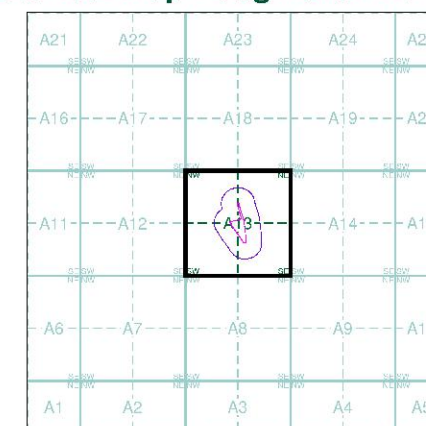
Source map scale - 1:2,500

'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)

TQ5581	1992	1:2,500
TQ5580	1992	1:2,500

Historical Map - Segment A13



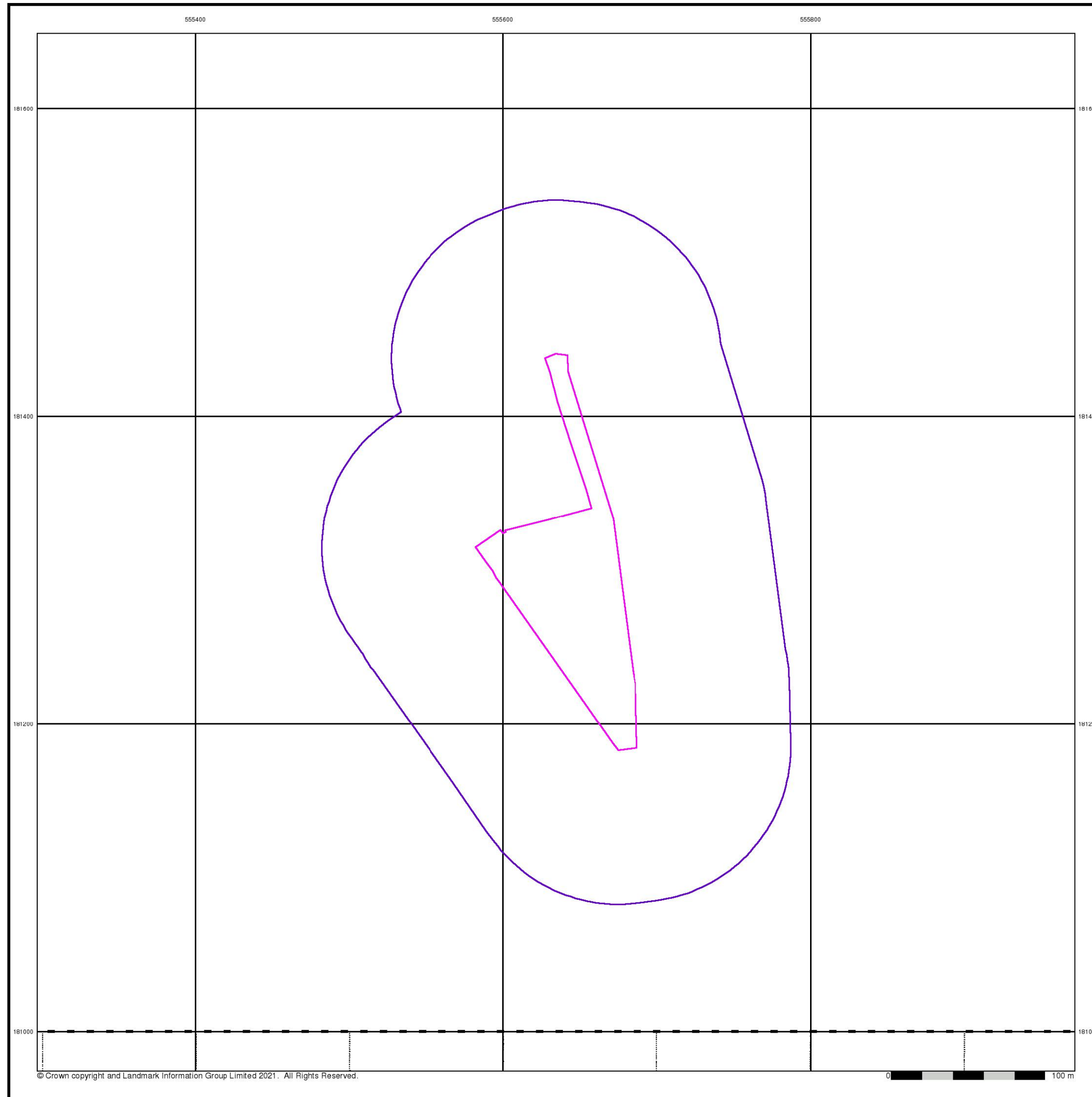
Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU





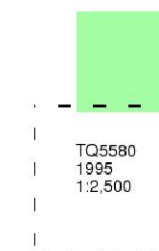
Large-Scale National Grid Data

Published 1995

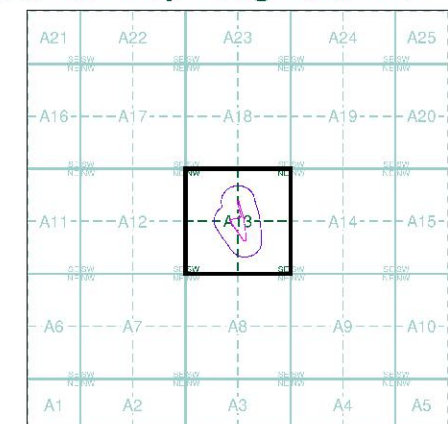
Source map scale - 1:2,500

'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: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 100

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

APPENDIX E

Envirocheck Report

Envirocheck[®] Report: Datasheet

Order Details:

Order Number:

284164186_1_1

Customer Reference:

P21-274

National Grid Reference:

555650, 181310

Slice:

A

Site Area (Ha):

0.99

Search Buffer (m):

1000

Site Details:

Moor Hall, Romford Road
Aveley
SOUTH OCKENDON
RM15 4UU

Client Details:

Mr M Paddock
Paddock Geo Engineering
The Log Cabin, Manor Farm
Whaddon Road
Newton Longville
Milton Keynes
MK17 0AU

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Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 3			1	4
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 4			4	
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5		Yes		
Pollution Incidents to Controlled Waters	pg 5			1	1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 5			1	
Water Abstractions	pg 6				(*17)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 10	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Source Protection Zones					
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 11		13	46	99

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 29		2	1	
Historical Landfill Sites	pg 29		4	4	6
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 32		4	1	
Licensed Waste Management Facilities (Locations)	pg 33		2		4
Local Authority Landfill Coverage	pg 34	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 34	2	2	3	6
Registered Landfill Sites	pg 36		2	2	1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 39	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 39		2	1	7
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 40	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 40	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 41	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 41	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 41	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 42	2	1	1	26
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 45	2			
Areas of Unadopted Green Belt	pg 45	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 45	1		1	
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	0	1	555647 181350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	0	1	555647 181310
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	0	1	555647 181300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	0	1	555600 181300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	0	1	555650 181250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	0	1	555650 181200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	10	1	555600 181400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	11	1	555647 181200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	24	1	555700 181310
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	32	1	555700 181350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	33	1	555650 181150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	60	1	555700 181450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	72	1	555750 181150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	80	1	555600 181150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	83	1	555500 181310
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	84	1	555700 181500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	105	1	555500 181250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	109	1	555750 181450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	121	1	555550 181150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	124	1	555750 181500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	157	1	555800 181450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	162	1	555500 181150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	170	1	555800 181500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	173	1	555850 181310
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	183	1	555550 181050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	212	1	555850 181050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	214	1	555900 181250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	214	1	555900 181200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	216	1	555900 181300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	216	1	555900 181150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	220	1	555500 181050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	235	1	555350 181350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	247	1	555850 181000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	254	1	555500 181000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	261	1	555450 181050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	264	1	555950 181300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	272	1	555950 181310
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	286	1	555850 180950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	290	1	555450 181000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	314	1	556000 181300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	324	1	555450 180950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	328	1	555850 180900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	371	1	555350 181000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	373	1	556050 181100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	375	1	556000 181550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	400	1	555350 180950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	431	1	555350 180900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	467	1	555500 180750
1	Discharge Consents Operator: Waste Recycling Group Plc Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Aveley Pit No 2, Aveley, Essex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0141 Permit Version: 1 Effective Date: 13th March 1992 Issued Date: 13th March 1992 Revocation Date: 22nd October 2014 Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised Discharge: Freshwater Stream/River Environment: Receiving Water: Stonehouse Sewer Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	424	2	555250 181050
2	Discharge Consents Operator: The Occupier Property Type: KENNEL/DRY CLEANING/HAIRDRESSER/OTHER PERSONAL SERVICES Location: Dog Kennels At Sandy Lane, Aveley, Essex, Rm15 4xp Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ceuu.0157 Permit Version: 1 Effective Date: 9th September 1970 Issued Date: 9th September 1970 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Sand & Gravel Strata Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Manually corrected supplier location	A8NW (S)	556	2	555400 180700
2	Discharge Consents Operator: The Tunnel Portland Cement Co. Ltd. West Thurrock, Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: North Of Sandy Lane, Aveley, Essex Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cekr.0072 Permit Version: 1 Effective Date: 21st August 1962 Issued Date: 21st August 1962 Revocation Date: 12th March 1992 Discharge Type: Trade Discharge - Mineral Workings Discharge: Freshwater Stream/River Environment: Receiving Water: Un-Namd Trb Of Stoneh'Se Sewer Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A8NW (S)	556	2	555400 180700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Brian Tuvey T/A Tuveys Cold Storage Property Type: WHOLESALE TRADE (NOT MOTOR VEHICLES) Location: Tuvey'S Cold Storage, Sandy Lane Fm, Sandy Lane, Wennington, Rainham, Esse Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cnrm.1143 Permit Version: 2 Effective Date: 2nd February 2006 Issued Date: 2nd February 2006 Revocation Date: 2nd February 2016 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Gravels Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	700	2	555260 180620
3	Discharge Consents Operator: Brian Tuvey T/A Tuveys Cold Storage Property Type: WHOLESALE TRADE (NOT MOTOR VEHICLES) Location: Tuvey'S Cold Storage, Sandy Lane Fm, Sandy Lane, Wennington, Rainham, Esse Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.1143 Permit Version: 1 Effective Date: 3rd November 1993 Issued Date: 3rd November 1993 Revocation Date: 1st February 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Receiving Water: Gravels Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	700	2	555260 180620
4	Integrated Pollution Prevention And Control Name: Infinis Alternative Energies Limited Location: Aveley Electricity Generation Site Epr/Hp3903pl, Aveley Electricity Generation Site, Sandy Lane,,, South Ockendon, RM15 4XL Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: HP3903PL Original Permit Ref: Hp3903pl Effective Date: 26th July 2019 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 25B (3)(1)(a) Activity Description: Tranche B SG permitting date 1st January 2019 Primary Activity: Y	A8NW (S)	286	2	555593 180910
5	Integrated Pollution Prevention And Control Name: Waste Recycling Group (Central) Limited Location: Aveley Landfill Site, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Authority: Environment Agency, Thames Region Permit Reference: KP3634MS Original Permit Ref: Ep3730bl Effective Date: Not Supplied Status: Application refused Application Type: Variation App. Sub Type: Minor Positional Accuracy: Manually positioned within the geographical locality Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N	A8NW (S)	339	2	555499 180894

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Integrated Pollution Prevention And Control Name: Waste Recycling Group (Central) Limited Location: Aveley Landfill Site, Aveley Landfill Site, Sandy Lane, Aveley, SOUTH OCKENDON, Essex, RM15 4XP Authority: Environment Agency, Thames Region Permit Reference: Ep3730bl Original Permit Ref: Ep3730bl Effective Date: 9th November 2005 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 1.1 A(1) (B) (III) Activity Description: Combustion; Waste Derived Fuel Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: Y Activity Code: 1.1 A(1) (B) (I) Activity Description: Combustion; Recovered Oil Greater Or Equal To 3Mw But Less Than 50Mw Primary Activity: N	A8NE (SE)	443	2	555889 180791
7	Integrated Pollution Prevention And Control Name: Infinis Alternative Energies Limited Location: Aveley N Electricity Generation Site Epr/Fp3003pg, Aveley N Electricity Generation Site, Sandy Lane,,, South Ockendon, RM15 4XP Authority: Environment Agency - South East Region, North East Thames Area Permit Reference: FP3003PG Original Permit Ref: Fp3003pg Effective Date: 21st May 2019 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 25A (a) Activity Description: New Medium Combustion Plant Primary Activity: Y Activity Code: 25A (b) Activity Description: Existing Medium Combustion Plant Primary Activity: N	A8NE (S)	483	2	555850 180730
	Nearest Surface Water Feature	A13SE (SE)	14	-	555701 181239
8	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Romford Road, AVELEY Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Natural Note: No Incident Date: 6th July 1995 Incident Reference: NE950398 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	314	2	556000 181200
9	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Coldharbour Lane, RAINHAM Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Not Supplied Incident Date: 19th November 1998 Incident Reference: THNE1998041133 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A17SE (NW)	564	2	555180 181780
10	Substantiated Pollution Incident Register Authority: Environment Agency - Anglian Region, Central Area Incident Date: 22nd October 2004 Incident Reference: 273483 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Commercial Waste Pollutant: Specific Waste Materials: Household Waste	A14SW (E)	349	2	556030 181280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: W O Watt & Partners Ltd Licence Number: 08/37/55/0004 Permit Version: 100 Location: Berwick Ponds Farm, Rainham - Rainham Common Sewer (2) Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Aylett And Berwick Ponds Farms, Rainham, Essex Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 29th September 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22SW (NW)	1207	2	554900 182400
	Water Abstractions Operator: Brett Aggregates Limited Licence Number: 08/37/55/0094 Permit Version: 1 Location: Warwick Lane, Rainham - Borehole Authority: Environment Agency, Thames Region Abstraction: Mineral Products: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Warwick Lane, Rainham, Essex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd September 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NE (NW)	1410	2	555000 182700
	Water Abstractions Operator: Aylett Gravel Ltd Licence Number: 08/37/55/0092 Permit Version: Not Supplied Location: Warwick Lane, RAINHAM, Essex Authority: Environment Agency, Thames Region Abstraction: Sand And Gravel Washing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 436 Yearly Rate (m3): 20000 Details: Chalk (Undifferentiated) Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NE (NW)	1410	2	555001 182701
	Water Abstractions Operator: Havering Aggregates Limited Licence Number: Th/037/0055/005 Permit Version: 1 Location: Rainham Quarry- Borehole Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rainham Quarry, Rainham Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 20th June 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NE (N)	1432	2	555176 182797

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Brett Aggregates Limited Licence Number: 08/37/55/0073 Permit Version: 100 Location: Warwick Lane, Rainham - Gravel Pit Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2728 Yearly Rate (m3): 636440 Details: Ayletts, Warwick Lane, Rainham, Havering Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd June 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NW (NW)	1457	2	554900 182700
	Water Abstractions Operator: Havering Aggregates Limited Licence Number: 08/37/55/0105 Permit Version: 1 Location: Rainham Quarry-Borehole Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rainham Quarry, Warwick Lane, Rainham. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NE (N)	1481	2	555070 182810
	Water Abstractions Operator: Havering Aggregates Limited Licence Number: 08/37/55/0073 Permit Version: 102 Location: Rainham Quarry-Silt Lagoon Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rainham Quarry, Warwick Lane, Rainham, Havering Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th May 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NW (NW)	1491	2	554920 182750
	Water Abstractions Operator: Havering Aggregates Limited Licence Number: 08/37/55/0073 Permit Version: 101 Location: Rainham Quarry-Silt Lagoon Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Rainham Quarry, Warwick Lane, Rainham, Havering Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th November 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NW (NW)	1491	2	554920 182750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: W O Watt & Partners Ltd Licence Number: 08/37/55/0102 Permit Version: 1 Location: Berwick Ponds Farm & South Hall Farm Point 'C' Authority: Environment Agency, Thames Region Abstraction: General Agriculture: 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: Berwick Ponds Farm & South Hall Farm Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th November 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1687	2	554080 182110
	Water Abstractions Operator: W O Watt & Partners Ltd Licence Number: 08/37/55/0102/R01 Permit Version: 1 Location: Berwick Ponds Farm & South Hall Farm Point 'C' Authority: Environment Agency, Thames Region Abstraction: General Agriculture: 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: Berwick Ponds Farm & South Hall Farm Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 27th February 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NW)	1699	2	554069 182113
	Water Abstractions Operator: W O Watt & Partners Ltd Licence Number: 08/37/55/0065 Permit Version: 100 Location: Berwick Ponds Farm, Rainham - Rainham Common Sewer Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): 4546 Details: Berwick Ponds Farm, Rainham, Essex Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 26th October 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NW (NW)	1757	2	554000 182100
	Water Abstractions Operator: Ingrebourne Valley Limited Licence Number: Th/037/0055/017 Permit Version: 1 Location: Wennington Quarry Authority: Environment Agency, Thames Region Abstraction: Extractive: Dust Suppression Abstraction Type: Water may be abstracted from any point within an area 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 July 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1785	2	553811 181530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ingrebourne Valley Limited Licence Number: Th/037/0055/017 Permit Version: 1 Location: Wennington Quarry Authority: Environment Agency, Thames Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from any point within an area 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 July 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1785	2	553811 181530
	Water Abstractions Operator: Ingrebourne Valley Limited Licence Number: Th/037/0055/017 Permit Version: 1 Location: Wennington Quarry Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from any point within an area 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 July 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1785	2	553811 181530
	Water Abstractions Operator: Ingrebourne Valley Limited Licence Number: Th/037/0055/018 Permit Version: 1 Location: Wennington Quarry Sumps Authority: Environment Agency, Thames Region Abstraction: Extractive: Dewatering Abstraction Type: Water may be abstracted from any point within an area 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 July 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1785	2	553811 181530
	Water Abstractions Operator: W O Watt & Partners Ltd Licence Number: 08/37/55/0102/R01 Permit Version: 1 Location: Berwick Ponds Farm & South Hall Farm Point 'D' Authority: Environment Agency, Thames Region Abstraction: General Agriculture: 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: Berwick Ponds Farm & South Hall Farm Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 27th February 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1822	2	553784 181605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: W O Watt & Partners Ltd Licence Number: 08/37/55/0102 Permit Version: 1 Location: Berwick Ponds Farm & South Hall Farm Point 'D' Authority: Environment Agency, Thames Region Abstraction: General Agriculture: 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: Berwick Ponds Farm & South Hall Farm Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th November 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1825	2	553780 181600
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SE (SE)	0	3	555647 181310
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13NE (E)	0	3	555657 181313
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (SE)	0	3	555647 181310
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (SE)	0	3	555647 181310
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	14	4	555701 181239
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (E)	18	4	555701 181291
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 183.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (S)	31	4	555669 181153
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	120	4	555510 181461
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	120	4	555506 181446
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	129	4	555499 181445
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A13NW (NW)	129	4	555499 181445
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	137	4	555491 181444
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	150	4	555478 181435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 271.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	198	4	555494 181098
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	235	4	555454 181596
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A13NW (NW)	241	4	555438 181585
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 670.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	246	4	555790 181635
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A13NW (NW)	289	4	555410 181628
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	299	4	555531 181721
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 358.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	304	4	555279 181301
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 275.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	311	4	555515 181727
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	320	4	555532 181743

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 348.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	327	4	555261 181376
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	327	4	555262 181381
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NW (NW)	327	4	555369 181639
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (NW)	331	4	555411 181688
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	337	4	555246 181312
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	338	4	555272 181181
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12NE (W)	340	4	555244 181343
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	342	4	555242 181281
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	342	4	555242 181281

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A13NW (NW)	354	4	555301 181572
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 258.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12NE (NW)	360	4	555291 181566
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NW)	365	4	555294 181586
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	368	4	555229 181215
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	368	4	555229 181215
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 453.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NW)	372	4	555284 181579
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12NE (W)	373	4	555215 181378
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12NE (W)	379	4	555210 181383
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	403	4	555494 181818

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	404	4	555489 181817
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1240.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	405	4	555496 181821
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	408	4	555472 181815
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	410	4	555468 181816
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	411	4	555172 181286
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	419	4	555168 181379
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 140.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	423	4	555205 181124
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	427	4	555218 181092
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	436	4	555157 181221

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	437	4	555240 181041
57	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	441	4	555211 181078
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 164.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	446	4	555226 181047
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	446	4	555229 181041
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	452	4	555204 181067
61	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	460	4	555200 181061
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	469	4	555150 181136
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (NW)	477	4	555352 181827
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (NW)	480	4	555349 181828

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12NE (W)	483	4	555107 181399
66	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	487	4	555169 181058
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	494	4	555089 181318
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	497	4	555086 181302
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	499	4	555084 181297
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 236.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	514	4	555885 180711
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (NW)	514	4	555325 181853
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	517	4	555071 181243
73	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	529	4	555072 181176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	530	4	555064 181204
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (NW)	531	4	555315 181866
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	534	4	555054 181235
77	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	534	4	555065 181184
78	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	535	4	555057 181218
79	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	535	4	555057 181218
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	535	4	555055 181228
81	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 27.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SE (W)	535	4	555063 181191
82	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	536	4	555066 181174

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (NW)	536	4	555301 181863
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	537	4	555066 181168
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	541	4	555131 181018
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	542	4	555051 181212
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 627.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	542	4	555129 181017
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (S)	544	4	555609 180643
89	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 40.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	546	4	555040 181251
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	571	4	555013 181279
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (NW)	572	4	555304 181910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	576	4	555296 181909
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	578	4	555292 181909
94	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 52.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (W)	581	4	555003 181283
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	588	4	555566 180606
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	591	4	554992 181334
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	591	4	554992 181332
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 524.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	592	4	555563 180602
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	592	4	554992 181348
100	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 44.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	592	4	554992 181348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	592	4	555069 181021
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	593	4	554995 181392
103	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (W)	593	4	554996 181398
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	594	4	555070 181015
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	595	4	555073 181008
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	601	4	555960 181949
107	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 86.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (NE)	604	4	555965 181950
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SE (SW)	614	4	555043 181022
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SE (SW)	614	4	555043 181022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SE (SW)	616	4	555043 181019
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	616	4	555206 181887
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	618	4	555203 181886
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 139.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SE (SW)	619	4	555043 181013
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	650	4	554943 181198
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	651	4	554932 181305
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	668	4	556007 181998
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	670	4	556073 181952
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	676	4	554929 181141

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SW (W)	676	4	554929 181141
120	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 59.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	678	4	556022 182000
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SW (W)	680	4	554925 181145
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SW (W)	688	4	554915 181150
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	693	4	554891 181270
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	694	4	555089 181876
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	695	4	554889 181285
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 201.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	699	4	555085 181878
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	706	4	554914 181088

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	709	4	556282 181744
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 208.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	718	4	556237 181845
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	730	4	556044 182049
131	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	730	4	556044 182049
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SW (W)	730	4	554889 181081
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	732	4	554889 181080
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	735	4	556060 182044
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	737	4	554910 181014
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	741	4	556047 182060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	741	4	556294 181790
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 171.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12SW (W)	743	4	554866 181118
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	746	4	554849 181180
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 312.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	749	4	554847 181178
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 146.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	752	4	554894 181014
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	756	4	556190 181960
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	765	4	556189 181974
144	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	768	4	556068 182078
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 171.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SW (NE)	769	4	556188 181980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	775	4	554808 181316
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 216.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	777	4	556072 182086
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	779	4	554804 181317
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 349.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	796	4	554786 181325
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 256.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	803	4	554789 181193
151	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	804	4	554823 181053
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 598.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	822	4	555904 180392
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	838	4	554787 181051
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	860	4	554755 181083

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 389.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	861	4	554751 181092
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NE (NW)	878	4	554961 182010
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NE (N)	881	4	555920 182275
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NW (NW)	891	4	554937 182000
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NW (NW)	894	4	554933 182001
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (NE)	910	4	556209 182151
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Common Watercourse Catchment Name: Thames Primacy: 1	A19NW (N)	979	4	556061 182324
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19NW (N)	979	4	556061 182324
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Common Watercourse Catchment Name: Thames Primacy: 1	A19NW (NE)	979	4	556068 182320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 501.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Common Watercourse Catchment Name: Thames Primacy: 1	A23SE (N)	986	4	555951 182376
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Common Watercourse Catchment Name: Thames Primacy: 1	A19NW (NE)	989	4	556154 182285
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: Underground Permanent: True Watercourse Name: Common Watercourse Catchment Name: Thames Primacy: 1	A19NW (NE)	989	4	556154 182285
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Common Watercourse Catchment Name: Thames Primacy: 1	A19NW (NE)	990	4	556187 182266
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 296.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Common Watercourse Catchment Name: Thames Primacy: 1	A19NW (NE)	996	4	556241 182237

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	BGS Recorded Landfill Sites Site Name: Moor Hall Location: AVELEY, Essex Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good	A13NE (N)	3	-	555635 181443
170	BGS Recorded Landfill Sites Site Name: Moor Hall LFS Location: Romford Road, AVELEY, Essex Authority: British Geological Survey, National Geoscience Information Service Ground Water: No threat to ground water Surface Water: No threat to surface water Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A13NE (N)	70	-	555687 181493
171	BGS Recorded Landfill Sites Site Name: Avely Pit no 1 Location: AVELY, Essex Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A8NE (S)	463	-	555740 180725
172	Historical Landfill Sites Licence Holder: Not Supplied Location: Launders Lane, Aveley, South Ockendon, Essex Name: Land adjacent to Moor Hall Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11440 First Input Date: Not Supplied Last Input Date: 31st December 1966 Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5480/0033 BGS Ref: Not Supplied Other Ref: 8HV004	A13NE (E)	6	2	555682 181321
173	Historical Landfill Sites Licence Holder: ARC Limited Location: Sandy Lane, Aveley, South Ockendon, Essex Name: Clay Pit No.3 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD03141 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1500/0518 BGS Ref: Not Supplied Other Ref: 372/97, THU087	A13SE (E)	7	2	555697 181301
174	Historical Landfill Sites Licence Holder: Not Supplied Location: Aveley, South Ockendon, Essex Name: Moor Hall Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD00575 First Input Date: 31st December 1968 Last Input Date: 31st December 1972 Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1500/0071 BGS Ref: 2472 Other Ref: THU057	A13NW (N)	13	2	555634 181453

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	Historical Landfill Sites Licence Holder: Not Supplied Location: Romford Road, Aveley, Essex Name: Moor Hall LFS Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL32399 First Input Date: 1st April 1971 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 561 Other Ref: Not Supplied	A13NE (N)	71	2	555690 181492
176	Historical Landfill Sites Licence Holder: Greenways Landfill Location: Aveley, South Ockendon, Essex Name: Aveley No.2 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL11474 First Input Date: 1st January 1987 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5480/0024 BGS Ref: Not Supplied Other Ref: 8HV051	A13SW (SW)	293	2	555402 181062
177	Historical Landfill Sites Licence Holder: Not Supplied Location: New Road, Wennington, Rainham, RM13 9ED Name: Willow Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL11436 First Input Date: Not Supplied Last Input Date: 31st December 1971 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5480/0032 BGS Ref: Not Supplied Other Ref: 8HV003	A12SE (W)	434	2	555150 181284
178	Historical Landfill Sites Licence Holder: ELWA Location: Green Lane, Nazing, Aveley, South Ockendon, Essex Name: Clay Pit No.1 Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL10875 First Input Date: 31st December 1972 Last Input Date: 31st March 1987 Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1500/0105 BGS Ref: 560 Other Ref: 041/78, THU013, AP-780	A8NE (S)	469	2	555818 180735
179	Historical Landfill Sites Licence Holder: Aveley No3 Cly Pit Location: Sandy Lane, South Ockendon, Aveley, Essex Name: Aveley No3 Cly Pit Operator Location: 900 Pavillion Drive, Northampton, Northampton Business Park, Northants Boundary Accuracy: As Supplied Provider Reference: EAHL35675 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 80462 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A8NE (S)	469	2	555818 180735

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
180	Historical Landfill Sites Licence Holder: Not Supplied Location: Aveley, South Ockendon, Essex Name: Sandy Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD10960 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: THU074	A8NW (S)	553	2	555480 180666
181	Historical Landfill Sites Licence Holder: Not Supplied Location: Wennington, Essex Name: Wennington Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD00600 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1500/0059 BGS Ref: Not Supplied Other Ref: THU070	A7NE (SW)	584	2	555219 180818
182	Historical Landfill Sites Licence Holder: Not Supplied Location: Launderers Lane, Rainham Name: Moor Hall Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11439 First Input Date: Not Supplied Last Input Date: 31st December 1971 Specified Waste: Deposited Waste included Inert and Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5480/0034 BGS Ref: Not Supplied Other Ref: 8HV005	A12NE (NW)	608	2	555056 181642
183	Historical Landfill Sites Licence Holder: Not Supplied Location: New Road, Wennington, Rainham, RM13 9ED Name: Willow Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11435 First Input Date: Not Supplied Last Input Date: 31st December 1971 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5480/0032 BGS Ref: Not Supplied Other Ref: 8HV003	A12SW (SW)	768	2	554888 180986
184	Historical Landfill Sites Licence Holder: Not Supplied Location: Aveley, South Ockendon, Essex Name: Sandy Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD00582 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1500/0055 BGS Ref: Not Supplied Other Ref: THU074	A7NE (SW)	868	2	554997 180643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	Historical Landfill Sites Licence Holder: Not Supplied Location: Werrington, Rainham Name: East Side New Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11433 First Input Date: Not Supplied Last Input Date: 31st December 1968 Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5480/0031 BGS Ref: Not Supplied Other Ref: 8HV002	A7NW (SW)	905	2	554925 180676
186	Licensed Waste Management Facilities (Landfill Boundaries) Name: Aveley No3 Clay Pit Licence Number: 80462 Location: Greenways Waste Management Ltd, Aveley Landfill, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Licence Holder: Waste Recycling Group (Central) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Modified Issued: 15th August 1997 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13NE (E)	18	2	555703 181314
187	Licensed Waste Management Facilities (Landfill Boundaries) Name: Aveley No3 Clay Pit Licence Number: 80462 Location: Greenways Waste Management Ltd, Aveley Landfill, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Licence Holder: Waste Recycling Group (Central) Ltd Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Modified Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13NE (E)	18	2	555703 181314
188	Licensed Waste Management Facilities (Landfill Boundaries) Name: Aveley No2 Clay Pit Licence Number: 80463 Location: Greenways Waste Management Ltd, Aveley Landfill, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Licence Holder: Waste Recycling Group (Central) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Modified Issued: 24th April 1996 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13SE (S)	60	2	555665 181124
189	Licensed Waste Management Facilities (Landfill Boundaries) Name: Aveley No2a Clay Pit Licence Number: 80464 Location: Greenways Waste Management Ltd, Aveley Landfill, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Licence Holder: Waste Recycling Group (Central) Ltd Authority: Environment Agency - South East Region, North East Thames Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Modified Issued: 29th January 1987 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A13SE (S)	121	2	555642 181067

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	Licensed Waste Management Facilities (Landfill Boundaries) Name: Aveley No3 Cly Pit Licence Number: 80462 Location: Greenways Waste Management Ltd, Aveley Landfill, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Licence Holder: Waste Recycling Group (Central) Ltd Authority: Environment Agency - Thames Region, North East Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Inactive Issued: 15th August 1997 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A8NE (S)	467	2	555815 180736
191	Licensed Waste Management Facilities (Locations) Licence Number: 401827 Location: Kennington's Cottages, Romford Road, Aveley, Essex, RM15 4UU Operator Name: Ingrebourne Valley Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Use of waste in a deposit for recovery op Licence Status: Surrendered Issued: 20th May 2015 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 23rd April 2020 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (N)	186	2	555692 181619
192	Licensed Waste Management Facilities (Locations) Licence Number: 80462 Location: Aveley Landfill, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Operator Name: Waste Recycling Group (Central) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Household, Commercial And Industrial Waste Landfills Licence Status: Modified Issued: 15th August 1997 Last Modified: 19th May 2015 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NE (S)	232	2	555708 180954
193	Licensed Waste Management Facilities (Locations) Licence Number: 80739 Location: Aveley Landfill Site, Sandy Lane, South Ockendon, Essex, RM15 4XP Operator Name: Waste Recycling Group (Central) Limited Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Gas Engine (<3 mW) Licence Status: Modified Issued: 9th November 2005 Last Modified: 13th November 2019 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: EP3730BL Positional Accuracy: Located by supplier to within 10m	A8NW (S)	503	2	555611 180685
194	Licensed Waste Management Facilities (Locations) Licence Number: 80463 Location: Aveley Landfill, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Operator Name: Waste Recycling Group (Central) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Household, Commercial And Industrial Waste Landfills Licence Status: Modified Issued: 24th April 1996 Last Modified: 19th May 2015 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	555	2	555490 180660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	Licensed Waste Management Facilities (Locations) Licence Number: 80464 Location: Aveley Landfill, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Operator Name: Waste Recycling Group (Central) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Household, Commercial And Industrial Waste Landfills Licence Status: Modified Issued: 29th January 1987 Last Modified: 19th May 2015 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	555	2	555490 180660
195	Licensed Waste Management Facilities (Locations) Licence Number: 101917 Location: Ingrebourne Links, New Road, Rainham, Essex, RM13 9ED Operator Name: Ingrebourne Valley Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Use of waste in a deposit for recovery op Licence Status: Issued Issued: 7th January 2011 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	A17SE (NW)	700	2	554984 181713
	Local Authority Landfill Coverage Name: London Borough of Havering - Has supplied landfill data		0	5	555647 181310
	Local Authority Landfill Coverage Name: Thurrock Unitary Council - Has supplied landfill data		0	6	555674 181314
196	Local Authority Recorded Landfill Sites Location: Adjacent Moor Hall West Of Romford Road, South Ockendon Reference: HAV 4 Authority: London Borough of Havering, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NE (E)	0	5	555672 181314
197	Local Authority Recorded Landfill Sites Location: Clay Pit, Sandy Lane, Aveley, Thurrock Reference: THU013 Authority: Thurrock Borough Council, Environmental Health Department Last Reported Status: Closed Types of Waste: Household, Non Hazardous - Industrial, Commercial Date of Closure: 31/12/1987 Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A13NE (E)	0	6	555671 181314
198	Local Authority Recorded Landfill Sites Location: Moor Hall Farm, Aveley, Thurrock Reference: THU057 Authority: Thurrock Borough Council, Environmental Health Department Last Reported Status: Closed Types of Waste: Household Date of Closure: 31/12/1972 Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A13NW (N)	15	6	555619 181450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
199	Local Authority Recorded Landfill Sites Location: Clay Pit 2, Sandy Lane, Aveley, Thurrock Reference: THU034 Authority: Thurrock Borough Council, Environmental Health Department Last Reported Status: Open Types of Waste: Household, Non Hazardous - Industrial, Commercial Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A13SE (S)	30	6	555659 181158
200	Local Authority Recorded Landfill Sites Location: Averley No2 Reference: HAV 44 Authority: London Borough of Havering, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13SW (SW)	252	5	555452 181061
201	Local Authority Recorded Landfill Sites Location: Willow Farm, New Road A13 Reference: HAV 3 Authority: London Borough of Havering, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12SE (W)	460	5	555123 181282
202	Local Authority Recorded Landfill Sites Location: Glc Tip Reference: Not Supplied Authority: Thurrock Borough Council, Environmental Health Department Last Reported Status: Open Types of Waste: Domestic, Asbestos, Radioactive Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A8NE (S)	463	6	555739 180725
203	Local Authority Recorded Landfill Sites Location: Moor Hall Lane, Launders Lane, South Ockendon Reference: HAV 5 Authority: London Borough of Havering, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A17SE (NW)	605	5	555062 181653
204	Local Authority Recorded Landfill Sites Location: Ponds Farm Reference: Not Supplied Authority: Thurrock Borough Council, Environmental Health Department Last Reported Status: Closed Types of Waste: House, Trade, Street Refuse Date of Closure: 3/12/1970 Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A8SW (S)	707	6	555481 180503
205	Local Authority Recorded Landfill Sites Location: Willow Farm, New Road, A13 Reference: HAV 3 Authority: London Borough of Havering, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12SW (W)	741	5	554863 181139

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	Local Authority Recorded Landfill Sites Location: Willow Farm Reference: HAV 55 Authority: London Borough of Havering, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12SW (W)	866	5	554750 181077
207	Local Authority Recorded Landfill Sites Location: Willow Farm, New Road, A13 Reference: HAV 3 Authority: London Borough of Havering, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12NW (W)	911	5	554681 181449
208	Local Authority Recorded Landfill Sites Location: East Side Of New Road A13, Wennington, Rainham Reference: HAV 2 Authority: London Borough of Havering, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A7SE (SW)	934	5	555062 180479
209	Registered Landfill Sites Licence Holder: Stablex Ltd Licence Reference: 91/82 (28/77) Site Location: Clay Pit (Aveley 2), North Of Sandy Lane, South Ockendon, Essex Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: 16 Old Queen Street, WESTMINSTER, London, SW1H 9HT Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Only waste produced on site Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 26th October 1982 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Controlled Wastes	A13SE (S)	98	2	555650 181088

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	Registered Landfill Sites Licence Holder: Waste Recycling Group (Central) Ltd Licence Reference: 333/96 Site Location: Aveley 2a Claypit, Sandy Lane, Aveley, SOUTH OCKENDON, Essex, RM15 4XP Licence Easting: 555700 Licence Northing: 181000 Operator Location: 3 Sidings Court, White Rose Way, DONCASTER, South Yorkshire, DN4 5NU Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Site Closed Dated: 24th April 1996 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Household, Com. & Ind. Waste Leachate Site Road Sweepings Wheelwash Sump Water Prohibited Waste: Clinical Wastes Hazardous Wastes Liquid/Sludge Waste N.O.S. Spec.Waste (Epa'90:S62/1996 Regs) Waste N.O.S. Environment Agency must give specific authorisation for this waste to be acceptedWaste requires prior approval	A13SE (S)	185	2	555700 181000
211	Registered Landfill Sites Licence Holder: Waste Recycling Group (Central) Ltd Licence Reference: 136/87 Site Location: Aveley Landfill (2), Sandy Lane, Aveley, SOUTH OCKENDON, Essex, RM15 4XP Licence Easting: 555400 Licence Northing: 180900 Operator Location: 3 Sidings Court, White Rose Way, DONCASTER, South Yorkshire, DN4 5NU Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Site Closed Dated: 29th January 1987 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Household + Commercial Waste Ind. Non-Haz. Waste Prohibited Waste: Clinical Wastes Spec.Waste (Epa'90:S62/1996 Regs)	A8NW (SW)	395	2	555400 180900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
212	Registered Landfill Sites Licence Holder: E.L.W.A. Licence Reference: 41/78 Site Location: Clay Pit No.1 South Of Sandy Lane, Aveley, South Ockendon, Essex Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Civic Centre, Dagenham, BARKING, Essex, RM10 7BN Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 20th February 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Asbestos Household + Commercial Waste Ind. Non-Haz. Waste Prohibited Waste: Clinical Wastes	A8NE (SE)	497	2	555908 180740
213	Registered Landfill Sites Licence Holder: Waste Recycling Group (Central) Ltd Licence Reference: 372/97 Site Location: Aveley 3 Claypit, Sandy Lane, Aveley, South Ockendon, Essex Licence Easting: 555800 Licence Northing: 180500 Operator Location: 3 Sidings Court, White Rose Way, DONCASTER, South Yorkshire, DN4 5NU Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Operational as far as is knownOperational Dated: 15th August 1997 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Animal Carcasses/Parts Civic Amenity Waste Domestic Waste (Sim'R Ex Trade/Com/Ind Essex Cat.A - Waste V.Slowly Degrades Essex Cat.B - General Waste (Com./Ind) Floor Sweepings - Non-Toxic Mat'Lsgs) Food Processing Mat'Ls Garden Waste Incinerator Bottom Ashes & Residues Sched.1 Waste From Coll/Disp.Reg's'88 Sewage Sludge Street Sweepings/Litter Bin Contents Waste Food Waste Removed From Land Under L.A.Cont Waste Residential Accom.Schools/Univs Prohibited Waste: Clinical - As In Hsc '92 Liquid/Slurry/Sludge Wastes Spec.Waste (Epa'90:S62/1996 Regs) Waste Danger From Fire,Explosion,Fumes Waste N.O.S. Waste With Flash Pt < 40 C	A8SE (S)	694	2	555800 180500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13SE (SE)	0	1	555647 181310
214	BGS Recorded Mineral Sites Site Name: Moor Hill Gravel Pit Location: Aveley, Purfleet, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 18460 Type: Opencast Status: Ceased Operator: Hall & Co., Ltd. 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)	191	1	555685 181625
215	BGS Recorded Mineral Sites Site Name: Moor Hill Gravel Pit Location: Aveley, Purfleet, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 18459 Type: Opencast Status: Ceased Operator: Hall & Co., Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Black Park Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	242	1	555920 181120
216	BGS Recorded Mineral Sites Site Name: Aveley Claypit North Location: Aveley, Thurrock, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 1777 Type: Opencast Status: Ceased Operator: Tunnel Cement Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	449	1	555335 180890
217	BGS Recorded Mineral Sites Site Name: Sandy Lane Gravel Pit Location: Aveley, Purfleet, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 18458 Type: Opencast Status: Ceased Operator: Individual's Name Withheld Operator Location: Not Supplied Periodic Type: Quaternary Geology: Black Park Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	548	1	555988 180727
218	BGS Recorded Mineral Sites Site Name: Willow Farm Gravel Pit Location: Rainham, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 18452 Type: Opencast Status: Ceased Operator: Newbury Park Sand & Ballast Co., Ltd. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Taplow Gravel Formation (Taplow Terrace) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12NW (W)	652	1	554945 181450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
219	BGS Recorded Mineral Sites Site Name: Aveley Claypit South Location: Aveley, Purfleet, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 18457 Type: Opencast Status: Ceased Operator: Tunnel Cement Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SE (S)	686	1	555780 180505
220	BGS Recorded Mineral Sites Site Name: Aveley Clayfield Location: Aveley, Thurrock, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 2199 Type: Opencast Status: Ceased Operator: Blue Circle Industries Plc Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18NW (N)	806	1	555595 182245
221	BGS Recorded Mineral Sites Site Name: Aveley Claypit South Location: Wennington, Rainham, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 241529 Type: Opencast Status: Ceased Operator: Tunnel Cement Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (S)	863	1	555485 180342
222	BGS Recorded Mineral Sites Site Name: Willow Farm Gravel Pit Location: Rainham, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 18454 Type: Opencast Status: Ceased Operator: Newbury Park Sand & Ballast Co., Ltd. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Taplow Gravel Formation (Taplow Terrace) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12SW (W)	884	1	554730 181080
223	BGS Recorded Mineral Sites Site Name: Aveley Claypit South Location: Wennington, Rainham, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 241528 Type: Opencast Status: Ceased Operator: Tunnel Cement Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A3NE (S)	899	1	555744 180287
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	555647 181310
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	555647 181310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	555657 181313
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	14	1	555610 181246
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	48	1	555599 181481
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	555647 181310
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	555647 181310
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	555647 181310
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	555663 181282
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	555647 181310
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	53	1	555548 181266
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	555647 181310
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	555647 181310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	Contemporary Trade Directory Entries Name: Crabtree & Hargreaves Location: Moor Hall, Romford Road, Aveley, South Ockendon, Essex, RM15 4UU Classification: Kitchen Furniture Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	0	-	555648 181293
224	Contemporary Trade Directory Entries Name: P T Commercials Ltd Location: Moor Hall, Romford Road, Aveley, South Ockendon, Essex, RM15 4UU Classification: Commercial Vehicle Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	0	-	555648 181293
225	Contemporary Trade Directory Entries Name: Carroll Metals Location: The Orchard, Romford Road, Aveley, South Ockendon, Essex, RM15 4UU Classification: Scrap Metal Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	105	-	555535 181485
226	Contemporary Trade Directory Entries Name: Waste Recycling Group Location: Sandy La, Aveley, South Ockendon, Essex, RM15 4XP Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	452	-	555777 180742
227	Contemporary Trade Directory Entries Name: Trackco Location: Romford Rd, Aveley, South Ockendon, Essex, RM15 4UU Classification: Marine Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	506	-	556090 180880
228	Contemporary Trade Directory Entries Name: Upminster Distribution Ltd Location: Sandy Lane Farm, Sandy Lane, Aveley, SOUTH OCKENDON, Essex, RM15 4XP Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	620	-	555379 180639
228	Contemporary Trade Directory Entries Name: Aveley Methane Ltd Location: Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Classification: Oil & Gas Extraction Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	620	-	555379 180639
228	Contemporary Trade Directory Entries Name: Bengal Frozen Food Ltd Location: Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XP Classification: Frozen Food Processors & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	620	-	555379 180639
228	Contemporary Trade Directory Entries Name: Bengal Enterprises Uk Ltd Location: Sandy La, Aveley, South Ockendon, Essex, RM15 4XP Classification: Frozen Food Processors & Distributors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	622	-	555336 180662
229	Contemporary Trade Directory Entries Name: Rabco (Europe) Ltd Location: Romford Road, Aveley, South Ockendon, Essex, RM15 4XD Classification: Storage & Shelving Systems Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	623	-	555989 181957
229	Contemporary Trade Directory Entries Name: T G P Construction Location: Bretts Farm, Romford Road, Aveley, South Ockendon, Essex, RM15 4XD Classification: Shop Fittings Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	623	-	555989 181957

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
230	Contemporary Trade Directory Entries Name: Tinkerbelles Cleaning Services Location: 15, St. Pauls Place, Aveley, South Ockendon, Essex, RM15 4SA Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	676	-	556198 180743
230	Contemporary Trade Directory Entries Name: T J C Plumbing & Heating Location: 18, St. Pauls Place, Aveley, South Ockendon, RM15 4SA Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	707	-	556231 180734
231	Contemporary Trade Directory Entries Name: J R D Location: 8, Perry Way, Aveley, South Ockendon, RM15 4RD Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	690	-	556296 180861
232	Contemporary Trade Directory Entries Name: Liftec Training Services Location: 128, Usk Road, Aveley, South Ockendon, Essex, RM15 4NT Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	722	-	556398 181345
233	Contemporary Trade Directory Entries Name: S & W Builders Location: 13, Monnow Road, Aveley, South Ockendon, Essex, RM15 4RS Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	752	-	556382 180898
234	Contemporary Trade Directory Entries Name: I J C Location: 19, St. Pauls Close, Aveley, South Ockendon, Essex, RM15 4SH Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	800	-	556301 180672
234	Contemporary Trade Directory Entries Name: Shane'S Corgi Restorations & Repairs Location: 29, St. Pauls Close, Aveley, South Ockendon, Essex, RM15 4SH Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	821	-	556301 180640
235	Contemporary Trade Directory Entries Name: London Damp Proofing Location: 34, Severn Road, Aveley, South Ockendon, RM15 4NR Classification: Damp & Dry Rot Control Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	805	-	556466 181459
236	Contemporary Trade Directory Entries Name: Smiths Anglo Movements Location: Peartree Farm, Sandy Lane, Aveley, South Ockendon, RM15 4XL Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	826	-	554906 180842
237	Contemporary Trade Directory Entries Name: Bernard Patrick Coen Location: 74, Nathan Drive, Aveley, South Ockendon, Essex, RM15 4RT Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	834	-	556436 180819
238	Contemporary Trade Directory Entries Name: Bugby Services Location: 20, ST. PAULS CLOSE, AVELEY, SOUTH OCKENDON, RM15 4SH Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A9SE (SE)	881	-	556371 180630
239	Contemporary Trade Directory Entries Name: Lars Knutson & Clode Location: Sandy La, Aveley, South Ockendon, Essex, RM15 4XL Classification: Chandlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	904	-	554930 180670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	Contemporary Trade Directory Entries Name: E C S Site Services Ltd Location: 55, Usk Road, Aveley, South Ockendon, Essex, RM15 4PA Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	911	-	556556 181551
241	Contemporary Trade Directory Entries Name: Tyre Master Location: New Road, Wennington, Rainham, Essex, RM13 9ED Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SW (W)	920	-	554710 181023
242	Contemporary Trade Directory Entries Name: Dear Bros Location: Sandy Lane, Aveley, SOUTH OCKENDON, Essex, RM15 4XL Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	959	-	554838 180707
243	Contemporary Trade Directory Entries Name: Smiths Anglo Movements Uk Ltd Location: Sandy La, Aveley, South Ockendon, Essex, RM15 4XL Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	985	-	554842 180656
244	Contemporary Trade Directory Entries Name: Admiral Harding Location: New Farm, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XL Classification: Chandlers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	991	-	554781 180732
244	Contemporary Trade Directory Entries Name: Vic'S Skips Location: Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XL Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	991	-	554781 180732
244	Contemporary Trade Directory Entries Name: Admiral Harding Location: New Farm, Sandy Lane, Aveley, South Ockendon, Essex, RM15 4XL Classification: Chandlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	991	-	554781 180732

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
245	Areas of Adopted Green Belt Authority: London Borough of Havering, Planning Department Plan Name: Development Control Policies Status: Adopted Plan Date: 22nd October 2008	A13SE (SE)	0	8	555647 181310
246	Areas of Adopted Green Belt Authority: Thurrock Borough Council, Development Control Plan Name: Thurrock Borough Local Plan Status: Adopted Plan Date: 30th September 1997	A13NE (E)	0	9	555672 181313
247	Areas of Unadopted Green Belt Authority: Thurrock Borough Council, Development Control Plan Name: Thurrock Udp Status: Deposit Plan Date: 31st March 2003	A13NE (E)	0	9	555674 181314
248	Nitrate Vulnerable Zones Name: Southall Sewer And Runningwater Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (SE)	0	3	555647 181310
249	Nitrate Vulnerable Zones Name: Mardyke Nvz Description: Surface Water Source: Environment Agency, Head Office	A8NE (SE)	429	3	555950 180847

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office London Borough of Barking And Dagenham - Health and Consumer Services London Borough of Havering - Environmental Health Department Thurrock Borough Council - Environmental Health Department Dartford Borough Council - Environmental Health Department London Borough of Bexley - Environmental Health Department	June 2020 October 2017 October 2017 October 2017 September 2017 September 2017	Annually Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	March 2013 March 2013 March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	January 2009 January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - Southern Region Environment Agency - Thames Region	July 2021 July 2021 July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control London Borough of Havering - Environmental Health Department Thurrock Borough Council - Environmental Health Department London Borough of Bexley - Environmental Health Department London Borough of Barking And Dagenham - Environmental Health Department London Port Health Authority - Environmental Services Dartford Borough Council - Environmental Health Department	April 2015 February 2015 March 2015 May 2016 October 2014 September 2014	Variable Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls London Borough of Havering - Environmental Health Department Thurrock Borough Council - Environmental Health Department London Borough of Bexley - Environmental Health Department London Borough of Barking And Dagenham - Environmental Health Department London Port Health Authority - Environmental Services Dartford Borough Council - Environmental Health Department	April 2015 February 2015 March 2015 May 2016 October 2014 September 2014	Annual Rolling Update Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements London Borough of Havering - Environmental Health Department Thurrock Borough Council - Environmental Health Department London Borough of Bexley - Environmental Health Department London Borough of Barking And Dagenham - Environmental Health Department London Port Health Authority - Environmental Services Dartford Borough Council - Environmental Health Department	April 2015 February 2015 March 2015 May 2016 October 2014 September 2014	Variable Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	June 2021	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region Environment Agency - Anglian Region Environment Agency - Thames Region	December 1999 September 1999 September 1999	

Agency & Hydrological	Version	Update Cycle
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	July 2015 July 2015 July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	March 2013 March 2013 March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	June 2016 June 2016 June 2016	Annually Annually Annually
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	July 2021 July 2021 July 2021 July 2021 July 2021 July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	October 2017 October 2017 October 2017	Quarterly Quarterly Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2021	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2021	Quarterly

Agency & Hydrological	Version	Update Cycle
Flood Water Storage Areas Environment Agency - Head Office	March 2021	Quarterly
Flood Defences Environment Agency - Head Office	March 2021	Quarterly
OS Water Network Lines Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region Environment Agency - Southern Region Environment Agency - Thames Region	January 2009 January 2009 January 2009	Not Applicable Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	July 2021 July 2021 July 2021 July 2021 July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - Kent & South London Area Environment Agency - South East Region - North East Thames Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	July 2021 July 2021 July 2021 July 2021 July 2021 July 2021 July 2021	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Dartford Borough Council - Environmental Health Department Kent County Council - Waste Management Group London Borough of Barking And Dagenham - Environmental Health Department London Borough of Bexley - Environmental Health Department London Borough of Havering - Environmental Health Department Thurrock Borough Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Dartford Borough Council - Environmental Health Department Kent County Council - Waste Management Group London Borough of Barking And Dagenham - Environmental Health Department London Borough of Bexley - Environmental Health Department London Borough of Havering - Environmental Health Department Thurrock Borough Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Eastern Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	March 2006 March 2006 March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Eastern Area Environment Agency - Southern Region - Kent Area Environment Agency - Southern Region - Kent and East Sussex Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	April 2018 April 2018 April 2018 April 2018 April 2018	

Waste	Version	Update Cycle
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Eastern Area	June 2015	
Environment Agency - Southern Region - Kent Area	June 2015	
Environment Agency - Southern Region - Kent and East Sussex	June 2015	
Environment Agency - Thames Region - North East Area	June 2015	
Environment Agency - Thames Region - South East Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Thurrock Borough Council - Development Control	December 2015	Variable
London Borough of Barking And Dagenham	February 2016	Variable
London Borough of Havering - Planning Department	February 2016	Variable
London Port Health Authority - Environmental Services	January 2008	Annual Rolling Update
Dartford Borough Council	January 2016	Variable
Kent County Council	January 2016	Variable
London Borough of Bexley - Development Control	January 2016	Variable
Planning Hazardous Substance Consents		
Thurrock Borough Council - Development Control	December 2015	Variable
London Borough of Barking And Dagenham	February 2016	Variable
London Borough of Havering - Planning Department	February 2016	Variable
London Port Health Authority - Environmental Services	January 2008	Annual Rolling Update
Dartford Borough Council	January 2016	Variable
Kent County Council	January 2016	Variable
London Borough of Bexley - Development Control	January 2016	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2021	Quarterly
Gas Pipelines National Grid	May 2021	Annually
Underground Electrical Cables National Grid	May 2021	Annually

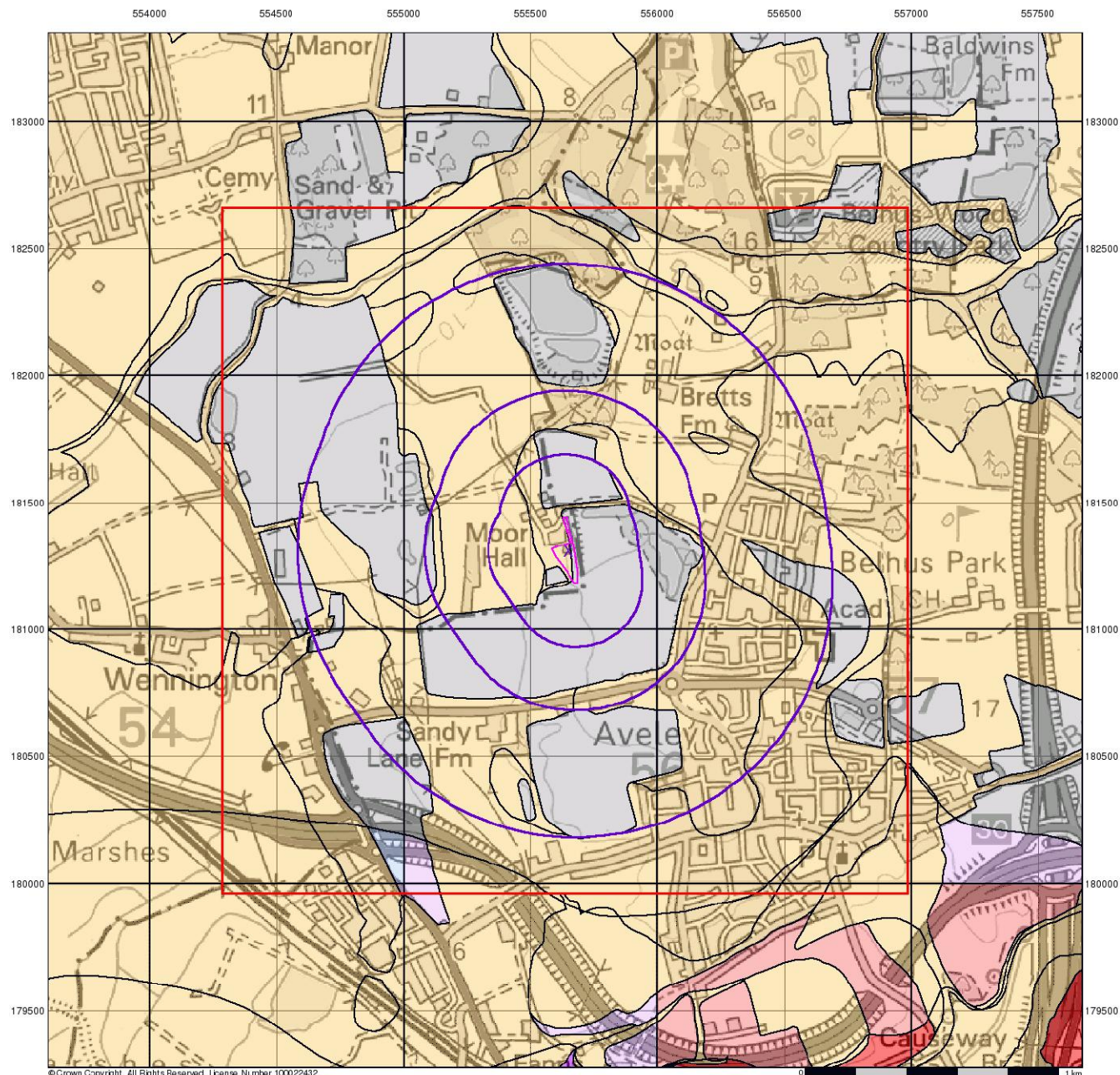
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Dartford Borough Council London Borough of Barking And Dagenham London Borough of Bexley - Development Control London Borough of Havering - Planning Department Thurrock Borough Council - Development Control	October 2020 October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Dartford Borough Council London Borough of Barking And Dagenham London Borough of Bexley - Development Control London Borough of Havering - Planning Department Thurrock Borough Council - Development Control	October 2020 October 2020 October 2020 October 2020 October 2020	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 June 2017	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	London Borough of Havering - Environmental Health Department Mercury House, Mercury Gardens, Romford, Essex, RM1 3SL	Telephone: 01708 434343 Fax: 01708 772696 Website: www.havering.gov.uk
6	Thurrock Borough Council - Environmental Health Department Civic Offices, New Road, Grays, Essex, RM17 6SL	Telephone: 01375 390000 Fax: 01375 652359 Website: www.thurrock.gov.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	London Borough of Havering - Planning Department Mercury House, Mercury Gardens, Romford, Essex, RM1 3RX	Telephone: 01708 434343 Planning Fax: 01708 772696 Website: www.havering.gov.uk
9	Thurrock Borough Council - Development Control Civic Offices, New Road, Grays, Essex, RM17 6SL	Telephone: 01375 390000 Fax: 01375 652359 Website: www.thurrock.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

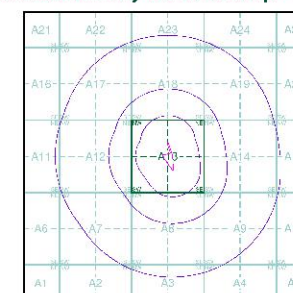
Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Unproductive Aquifer

Soluble Rock

Site Sensitivity Context Map - Slice A

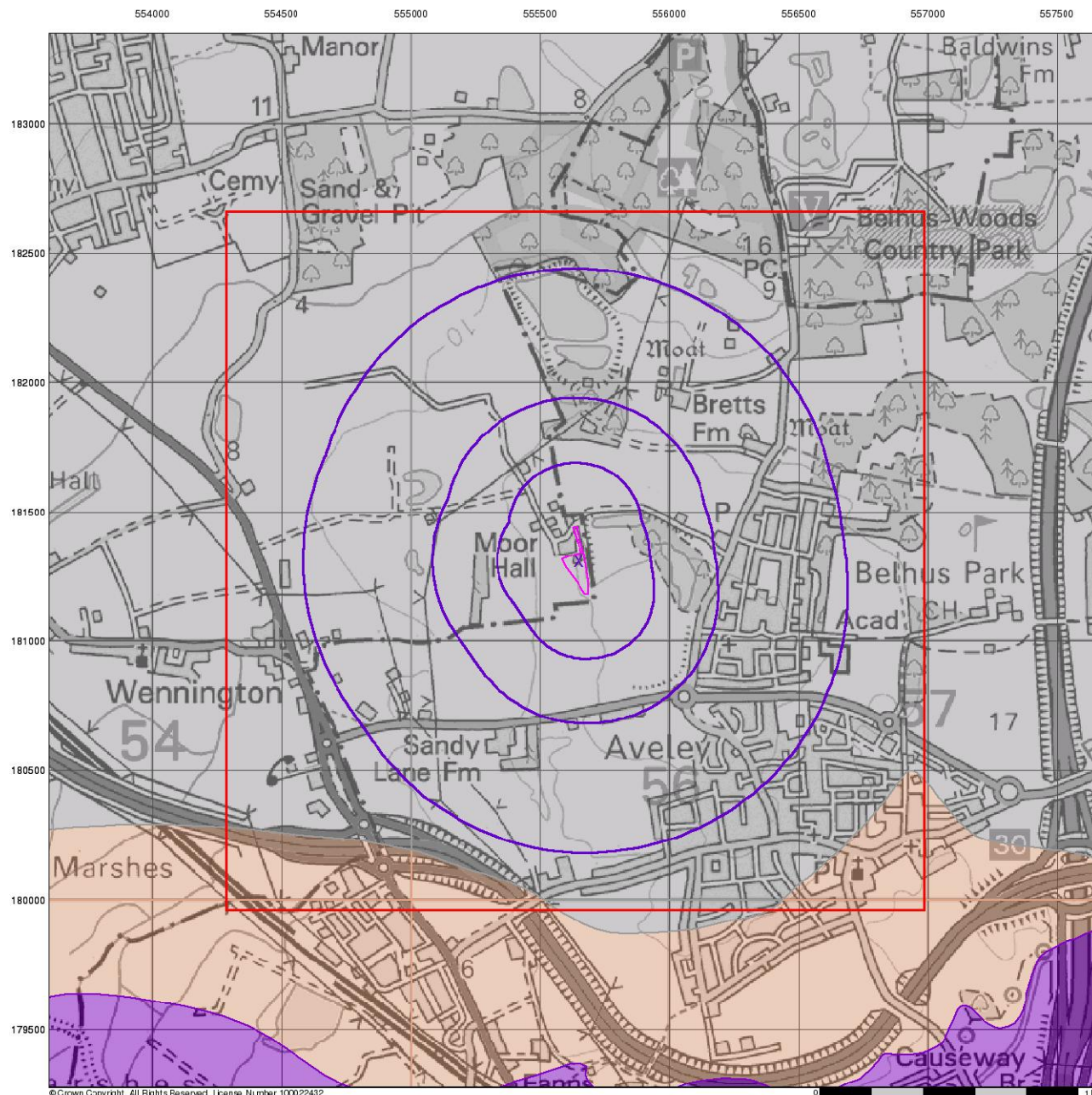


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



Bedrock Aquifer Designation

General

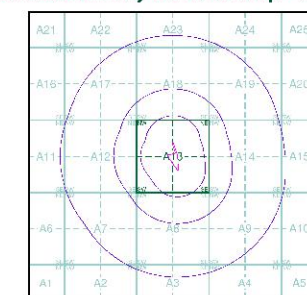
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

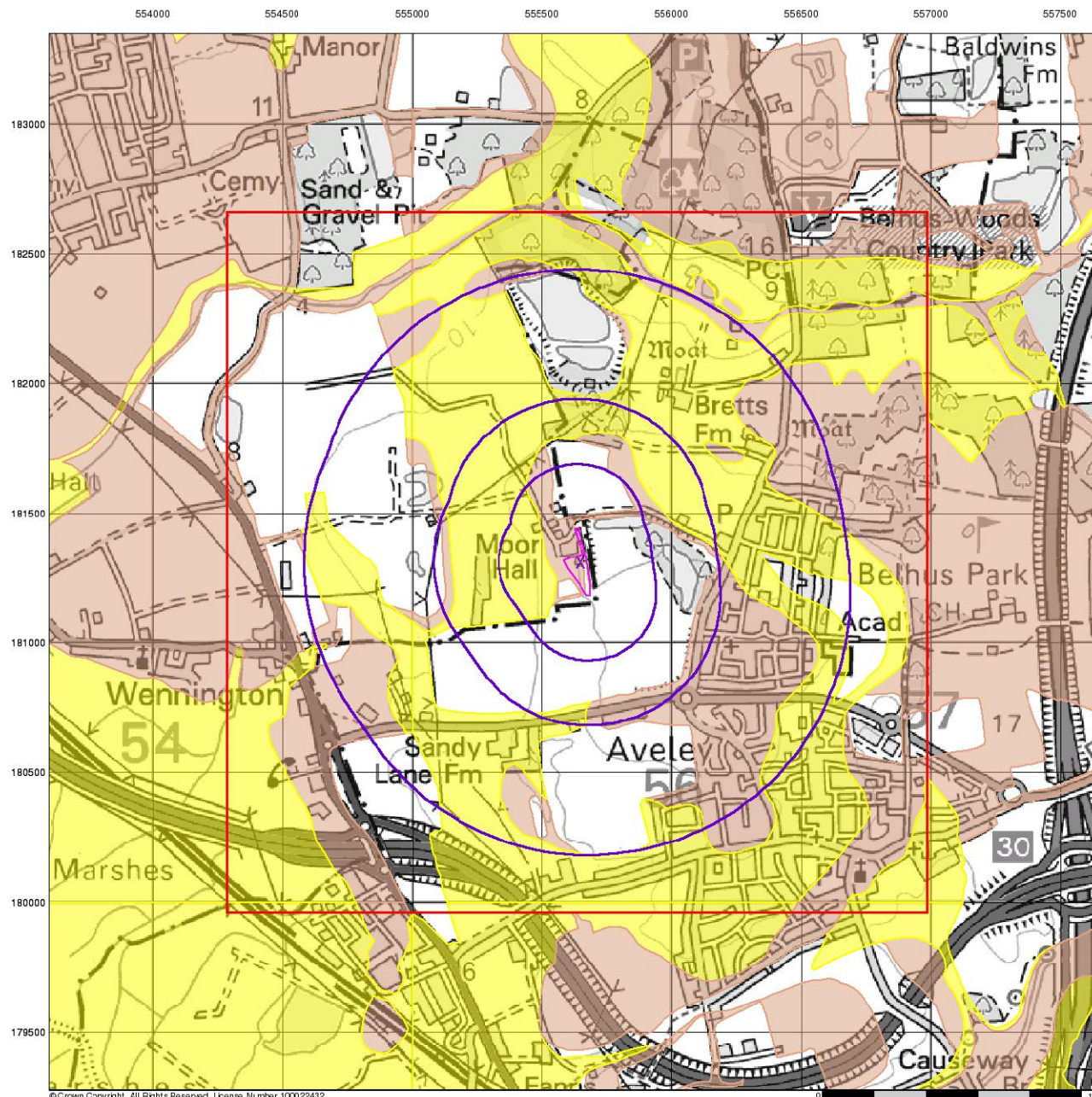


Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

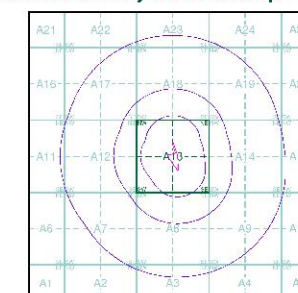
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

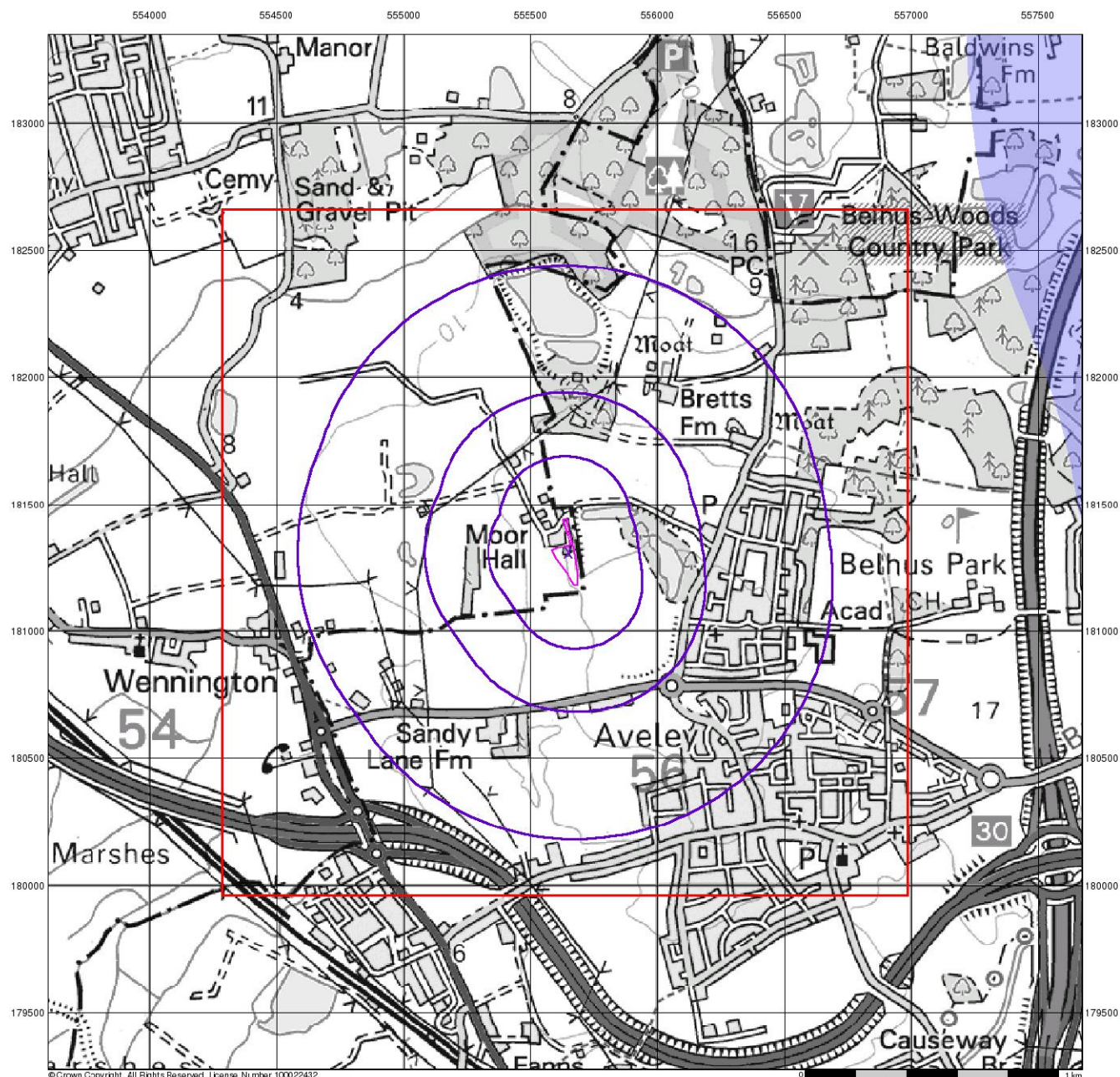


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Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

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Source Protection Zones

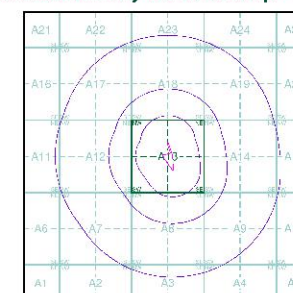
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 284164186_1_1
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Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



Sensitive Land Uses

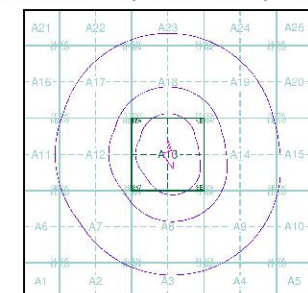
General

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

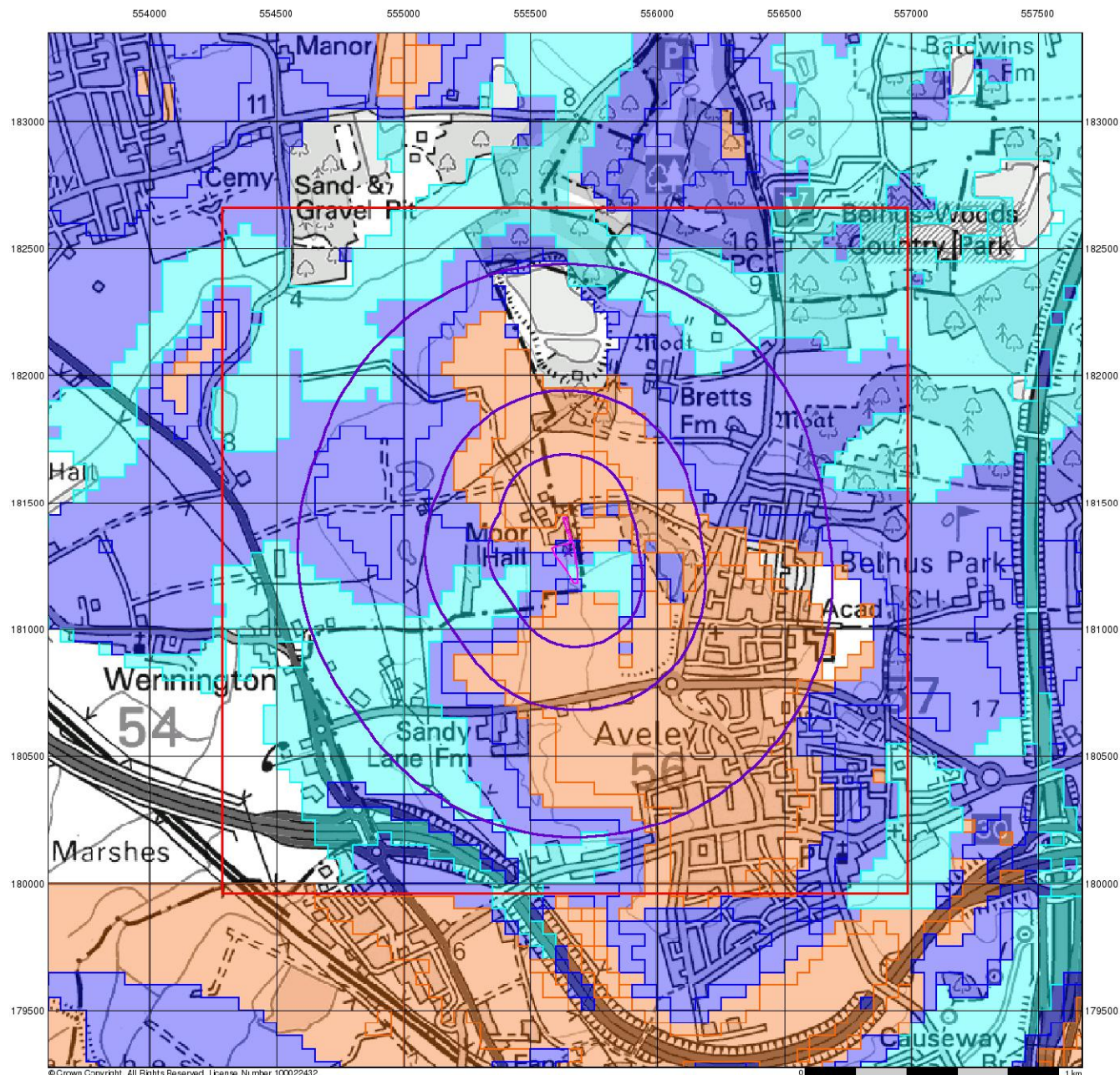


Order Details

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 Slice: A
 Site Area (Ha): 0.99
 Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



BGS Flood GFS Data

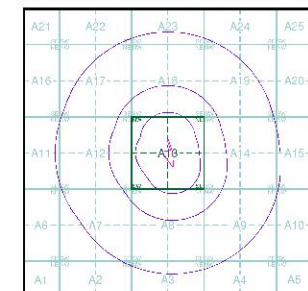
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

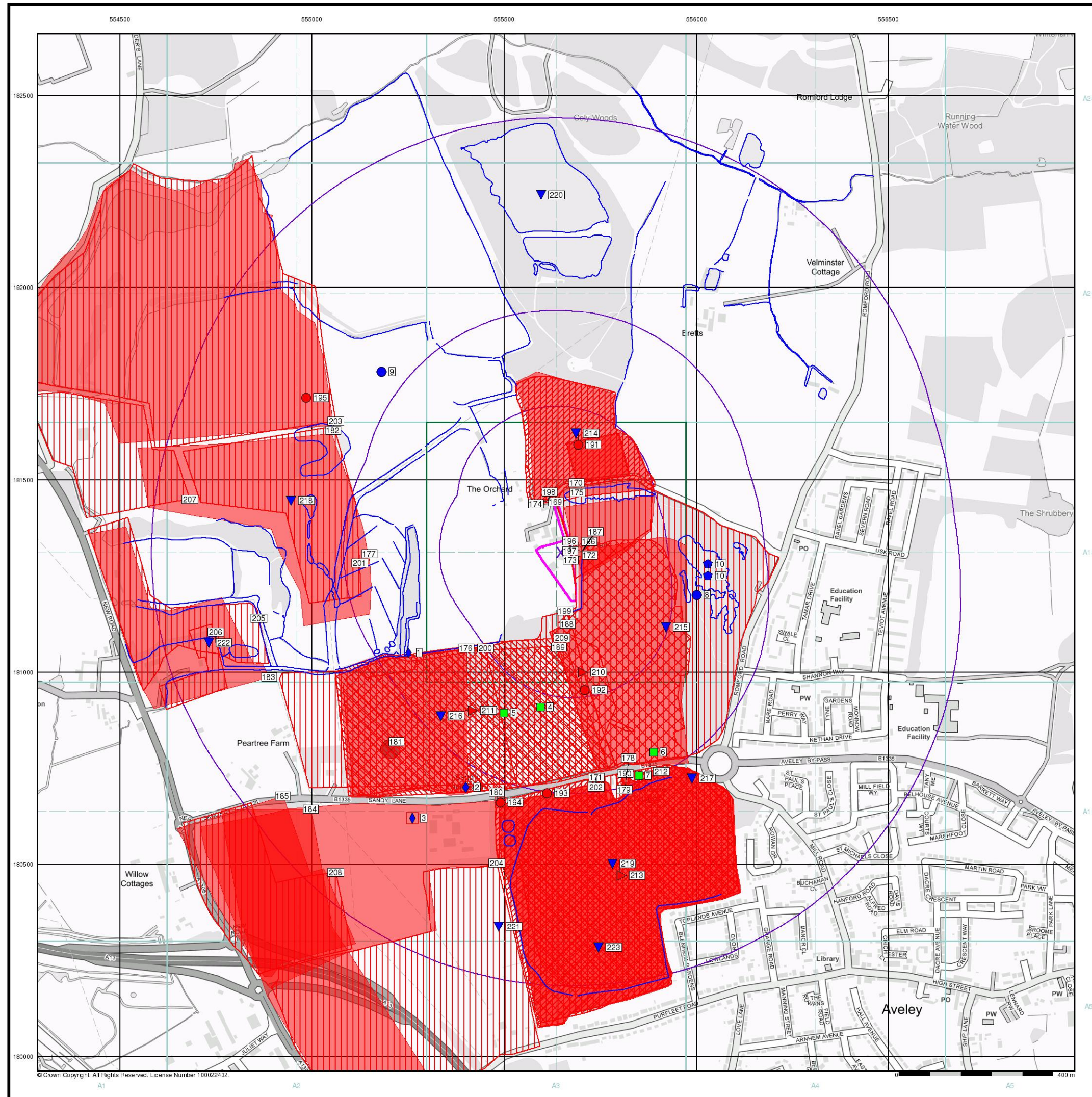
Order Number: 284164186_1_1
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 Slice: A
 Site Area (Ha): 0.99
 Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



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 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
- 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

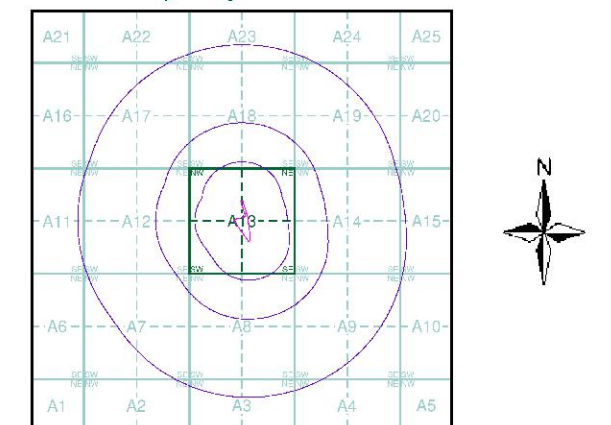
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice A



Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU

Industrial Land Use Map

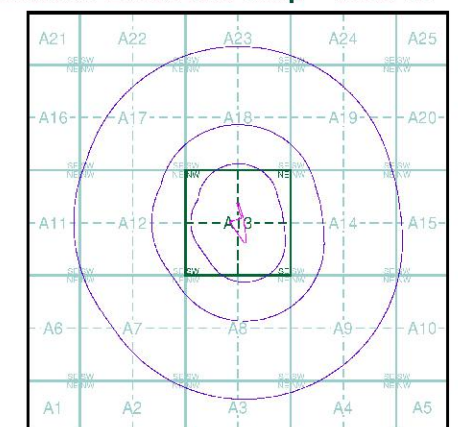
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

Industrial Land Use Map - Slice A

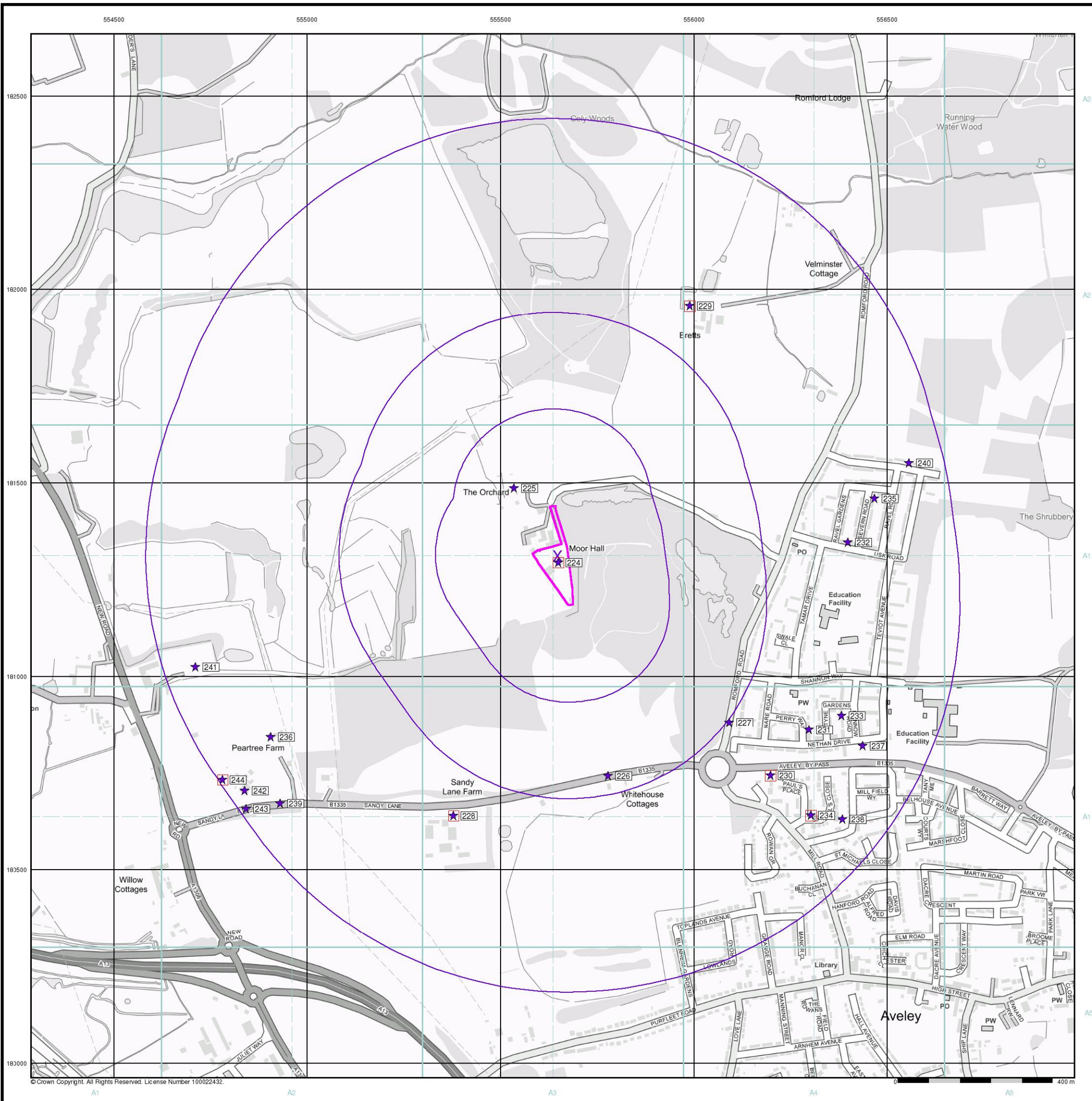


Order Details

Order Number: 284164186_1_1
 Customer Ref: P21-274
 National Grid Reference: 555650, 181310
 Slice: A
 Site Area (Ha): 0.99
 Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



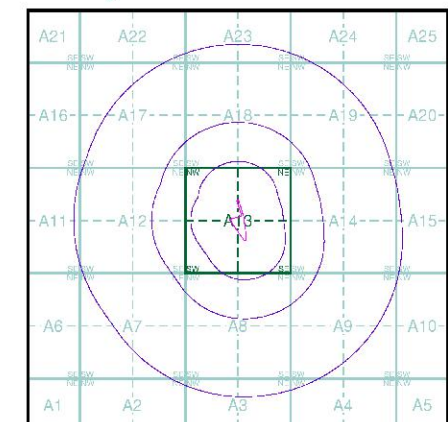
General

- 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

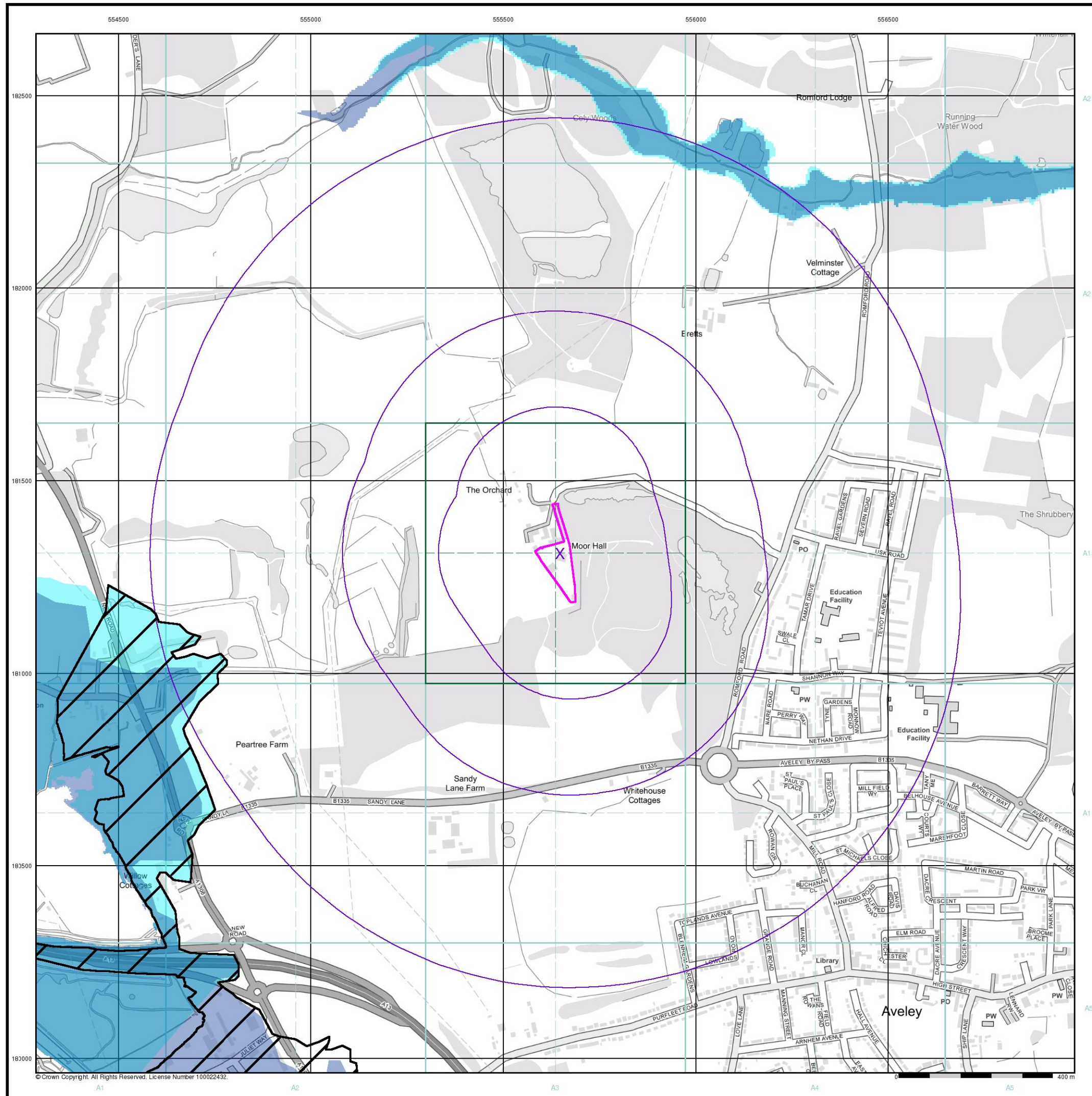


Order Details

Order Number: 284164186_1_1
 Customer Ref: P21-274
 National Grid Reference: 555650, 181310
 Slice: A
 Site Area (Ha): 0.99
 Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU



General

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

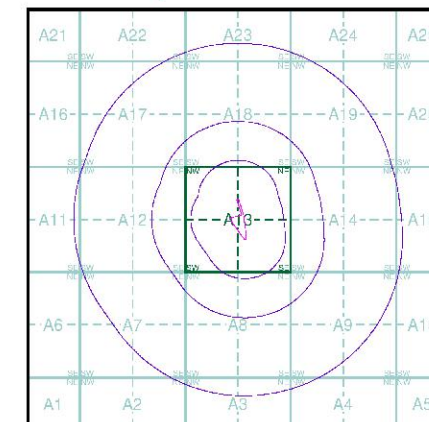
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

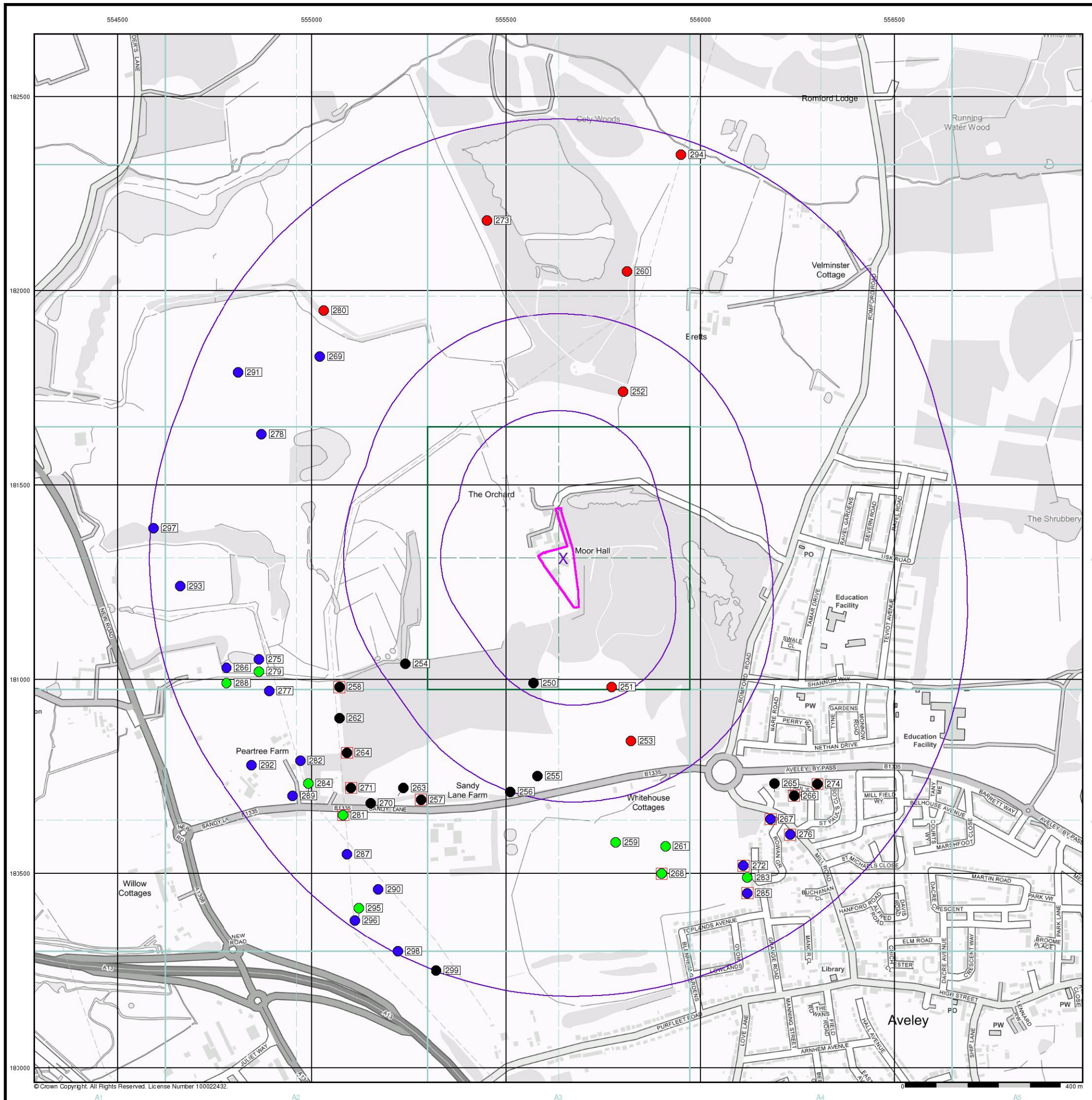


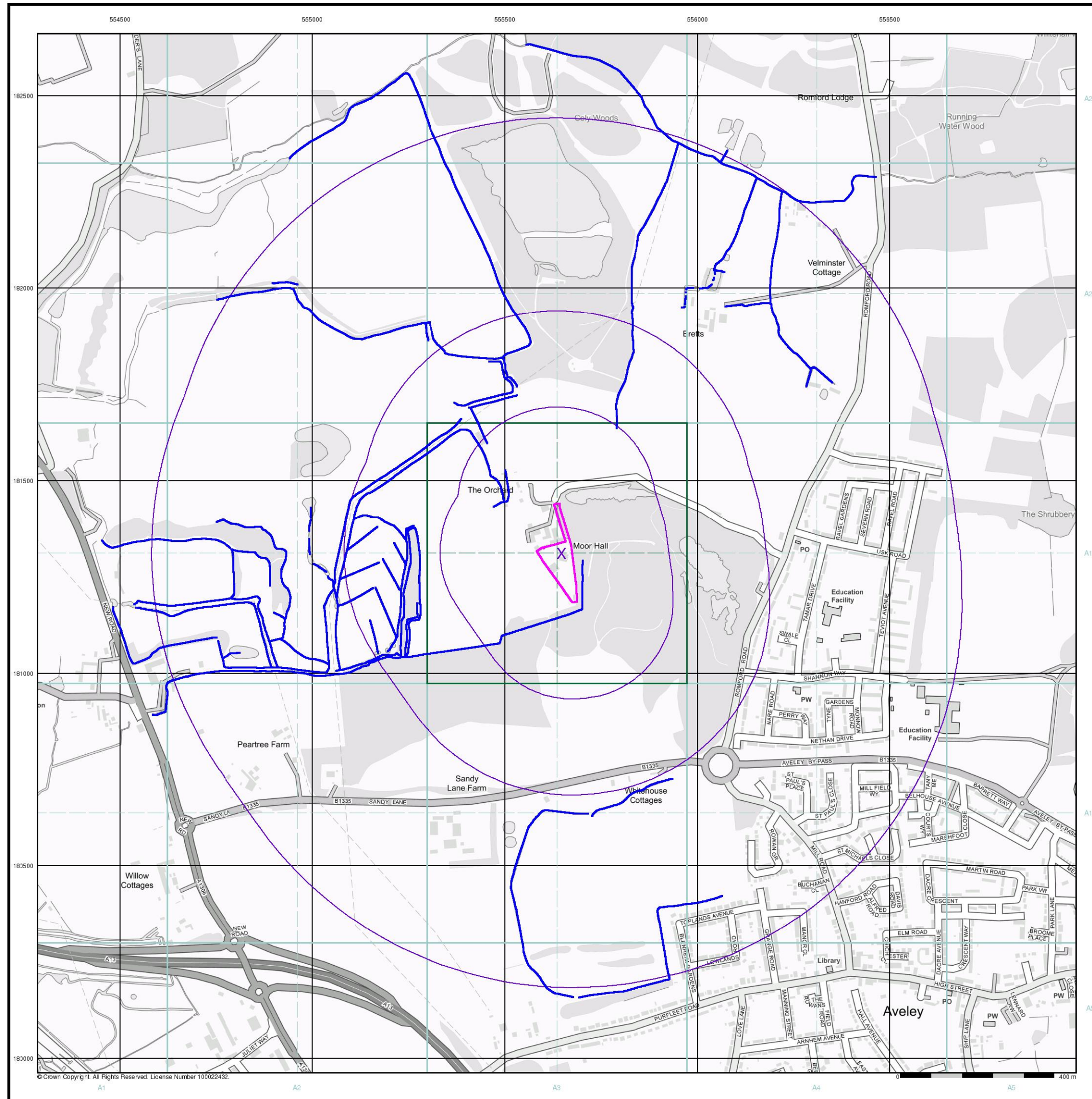
Order Details

Order Number: 284164186_1_1
 Customer Ref: P21-274
 National Grid Reference: 555650, 181310
 Slice: A
 Site Area (Ha): 0.99
 Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU





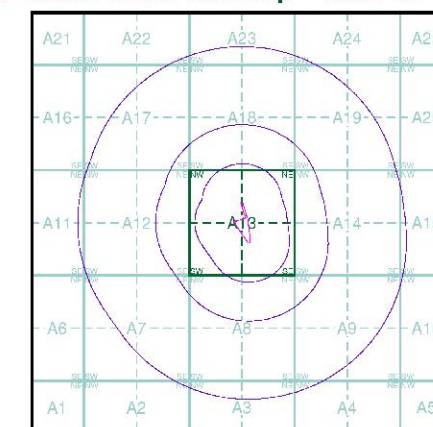
General

- 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 |

OS Water Network Map - Slice A



Order Details

Order Number: 284164186_1_1
Customer Ref: P21-274
National Grid Reference: 555650, 181310
Slice: A
Site Area (Ha): 0.99
Search Buffer (m): 1000

Site Details

Moor Hall, Romford Road, Aveley, SOUTH OCKENDON, RM15 4UU

APPENDIX F

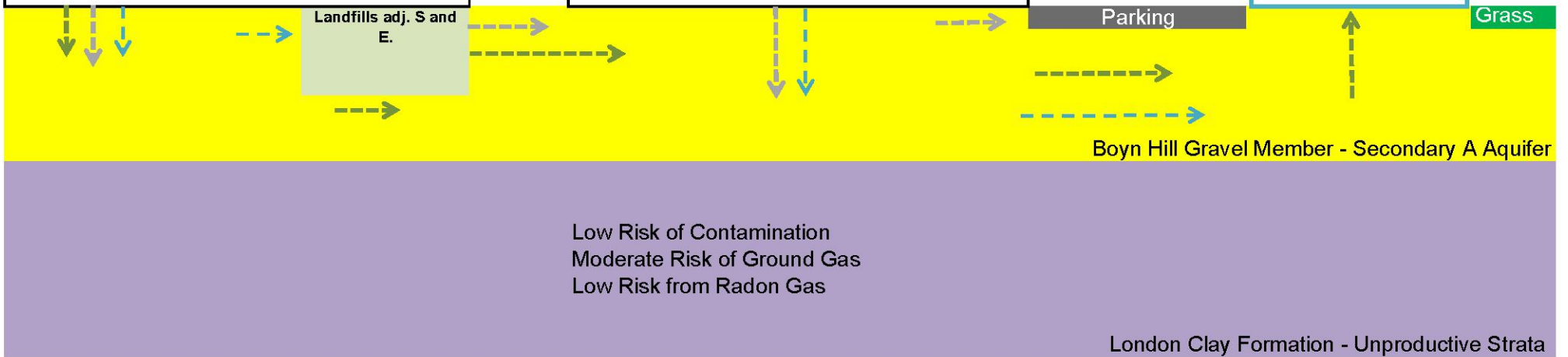
Conceptual Model Cross Section

CONCEPTUAL CONTAMINATION GROUND MODEL

Offsite Potential Sources -
Current: Industrial estate adjacent to N boundary from c. 1960s.
Historical: Infilled clay pits and sand and gravel pits and historical landfill located adjacent to southern and eastern boundary

Onsite Potential Sources -
Current: Storage of machinery and tools within numerous sheds and workshops.
Historical: Building materials used in construction of properties and structures

Redevelopment into a Special Education School



	Potential Direct Contact or ingestion pathway
	Potential Groundwater or Leachate migration pathway
	Potential Hydrocarbon vapour, Ground gas and Radon pathway