



REPORT ON A PHASE 1 DESK STUDY AND RISK
ASSESSMENT AT ARDLEIGH OAKS,
OLD IPSWICH ROAD, ARDLEIGH,
COLCHESTER, ESSEX, CO7 7QW

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1. INTRODUCTION AND OBJECTIVES

1.1 This report has been prepared on instructions given by the Client, H T Industrial Limited, Elmhurst, Suite 3A, 98 – 106 High Road, South Woodford, E18 2QH

1.2 The site is located on the east side of Old Ipswich Road around 3.4km to the west of the village of Ardleigh and approximately 9km from the City of Colchester as shown on Figure 1, Appendix (i). As shown on Figure 2, Appendix (i), the site is irregular in shape and comprises an existing road gritting depot with buildings and storage areas. The site is at and around National Grid Reference 602460 229520 and covers an area of around 0.97ha (Reference 1).

1.3 The aims of the Phase 1 desk study and risk assessment were to:

- Undertake research into the site history, geology and surrounding environs.
- Review proposals and plans for the proposed works.
- Assess the nature and location of possible sources of contamination at the site.
- Construct an initial conceptual site model.
- Undertake hazard identification and assessment.
- Assess the need for any investigation of potential contamination including ground gases.

1.4 Proposals are to demolish the existing buildings and construct a new storage warehouse (B8 Use Class) with associated yard space, parking, ancillary usage and cycle storage. A plan showing the proposed layout is presented as Figure 3, Appendix (i).

1.5 The assessment and reporting has been carried out in general accordance with the following:

- BS 10175:2011+A2:2017. Investigation of Potentially Contaminated Sites – Code of Practice.
- Environment Agency 2010 GPLC3 Reporting Checklists.
- DEFRA 2012. Environmental Protection Act 1990: Part 2A. Contaminated Land Statutory Guidance. H M Government.

2. SOURCES OF INFORMATION

2.1 In the preparation of this report the sources of information detailed in Table 2.1 below have been consulted:

Table 2.1 Sources of Information

Information Type	Source
Envirocheck Report	Landmark Information Services
Geological Maps	British Geological Survey (Reference 2)
On Line Geological Maps	British Geological Survey website
Groundwater Vulnerability	DEFRA
Radon	UK Health Security Agency and Reference 3
GeoIndex Borehole Database	British Geological Survey website
On Line Satellite and Street Level Imagery	Google, Bing websites
On Line Maps	Ordnance Survey and Street Map websites

Full details of the sources are given in the references and a list of website addresses is also included.

2.2 The environmental and geological information used in this report is drawn from datasets which comprise publicly available data including information from third parties, some of which is under review. Accordingly, Compass Geotechnical Limited does not warrant its accuracy, reliability or completeness.

3. SITE RECONNAISSANCE

3.1 A site visit and walkover survey were undertaken on 24th October 2023 and selected photographs of the site are presented in Appendix (iii).

3.2 As shown on Figure 2, Appendix (i), the site, which is an active highway maintenance depot, is irregular in shape and is accessed directly from Old Ipswich Road in the north western corner. Adjacent to the site entrance is a parking area to the south of which are offices and further asphalt covered parking areas. To the south west of the offices is an area of parking for trucks with some container storage along the southern boundary. In the south eastern corner is a large covered area for storing rock salt (grit) and an associated wash down area. Further storage areas are present along the eastern boundary. As well as vehicles, various items are stored at the site including road signs, manhole covers, drainage gully covers, armco barriers, and road cones. In the north eastern corner of the site is an older storage building of blockwork construction with a wooden roof covered by corrugated tin. Some overgrown areas are present around the perimeter of the site.

Of most note in the centre of the site and to the east of the offices are two large circular above ground fuel storage tanks with associated, dedicated and clearly demarcated filling areas. Immediately to the north of the fuel tanks are a series of additional tanks associated with a brine saturator system used to prevent the formation of ice on roads in winter. These installations appear to be in good condition with no obvious areas of staining or spillages. However, no evidence of associated interceptor tanks were found.

3.3 To the north and south of the site are further areas used as light industrial land and open fields, whilst to the east is an active quarry. To the west beyond Old Ipswich Road is the A12, on embankment, with houses beyond.

3.4 No evidence of significant contamination was uncovered during the site walkover.

3.5 The topography of the general area is relatively flat and level.

4. SITE HISTORY

4.1 The following table (Table 4.1) on site history is based on maps contained in the Envirocheck Report obtained from the Landmark Information Group. The maps cover the period 1875 to 2023 and comprise County Series and Ordnance Survey Plans. All of the maps are presented in Appendix (ii). It should be noted that some of the editions only cover part of the area under consideration and that the maps presented are normally a composite of a number of plans which may span a period of several years. We would note that the outline of the site marked on the historical sheets within the Envirocheck Report appears to 'shift' on several of the maps due to scaling inaccuracies between maps of differing dates. This is a function of Envirocheck transposition algorithms. It should also be noted that some of the features on the 1:10,560 and 1:10,000 scale maps are not readily discernible.

Table 4.1 Site History

Map Edition (scale)	On Site History	Off Site History
1875 (1:2,500)	The site comprises the eastern section of an open field.	The area around the site comprises open fields. An 'Old Brick Kiln' showing buildings and a well is marked approximately 160m to the south west of the site. A small number of isolated houses are shown along Ipswich Road (modern day Turnpike Road) 140 to 160m to the north west and west. The Crown Inn is approximately 250m further to the south west. A stream is noted flowing to the east around 600m from the site, Salary Brook flows to the east around 600m to the south.
1880 - 1881 (1:10,560)		



Map Edition (scale)	On Site History	Off Site History
1897 (1:2500)	No significant changes are noted at the site	The building of the Old Brick Kiln have been removed the area is now marked as 'Old Clay Pit'
1898 (1:10,560)		
1923 (1:2,500)	The site remains unchanged from the earlier map editions.	No significant changes noted.
1924 – 1925, 1925 (1:10,560)		
1938 (1:10,560)	No significant changes are noted at the site	A building is shown adjacent to Ipswich Road around 120m to the west of the site. Further isolated buildings are shown 200 to 300m to the west of Ipswich Road (modern day Turnpike Road).
1958 (1:10,000)	No significant changes are noted at the site.	A small orchard is shown 60m and house 120m (later named as St Monica's) to the west of the site. A large disused airfield, formerly RAF Boxted, is marked to the south west and north west of the site. Airfield buildings are shown 300m to the south west and runways 450m to the north west. It is understood RAF Boxted opened in 1943 and closed in 1947 and the land returned to agriculture use.
1963 (1:2,500)	No significant changes are noted at the site.	An additional structure, of unknown use, is shown around 42m to the west.
1966 - 1967 (1:10,000)		
1972 (1:2,500)	No significant changes are noted at the site.	The orchard 60m to the west has been replaced by a nursery complete with glasshouses. The old clay pit to the south west is no longer marked.
1975 (1:10,000) (Russian Military Maps)	No significant changes are noted at the site.	No significant changes noted.
1977 (1:2,500)	No significant changes are noted at the site.	The plans show construction of Old Ipswich Road adjacent to the western boundary of the site and the A12 on embankment 30m further west. The A12 crosses the area of the former clay pit some 160m to the south of the site.
1976 (1:10,000)		
1984, 1994 (1:2,500)	No significant changes are noted at the site.	No significant changes noted.



Map Edition (scale)	On Site History	Off Site History
1980, 1986 (1:10,000)	No significant changes noted at the site	No significant changes noted.
1999 (1:10,000)	10k Raster Mapping – No significant changes are noted at the site.	No significant changes noted.
1999 (Historical Aerial Photograph)	The aerial photograph shows a structure in the north eastern corner of the site with an access way (off Old Ipswich Road) and parking area in the north west corner. The remainder of the site is grass and scrub bounded by trees and hedges to the north, east and south. Old Ipswich Road forms the western boundary.	The area to the north, east and south is a mix of open and enclosed fields. To the west is the A12.
2006 (1:10,000)	A small structure is noted in the south eastern corner but, no significant changes are noted at the site.	Ardleigh Reservoir lies approximately 550m to the south.
2023 (1:10,000)	10k Vector Map local – further structure area is shown at the site and the layout of buildings appears consistent with that noted at the time of the site walkover.	Sand and gravel workings are shown immediately to the east and south east of the site, the closest associated pond is 150m to the south east. Structures are shown in the adjacent field to the north and south.

To supplement the information available on the historical maps, further detailed information has been obtained from Historic Satellite Imagery (Google Maps Pro) as summarised in Table 4.2 below.

Table 4.2 Data from Historical Satellite Imagery

Image Date	On Site History	Off Site History
2000	The image shows a structure in the north eastern corner of the site with an access way (off Old Ipswich Road) and parking area in the north west corner. The remainder of the site is grass and scrub bounded by trees and hedges to the to the north, east and south. Old Ipswich Road forms the western boundary.	The area to the north, east and south is a mix of open and enclosed fields. To the west is the A12.



Image Date	On Site History	Off Site History
2005	The image shows the site has been partially cleared to create a yard, the structure in the north east corner remains. A number of storage containers are noted immediately to the east of the structure. Cars are parked in an area to the north west. A number of vehicles, some of which are identified as dumper and salt spreading trucks (yellow), are parked in the area the east, while other trucks and vans are parked around the site.	A farm track is shown leading off Old Ipswich Road adjacent and parallel to the southern boundary of the site. No other significant changes noted.
2006	The image shows the site has been further cleared and the yard surface appears to be gravelled. A number of vehicles are shown around the site including those previously identified.	The fields to the north, north east, east and south east of the site show evidence of long evaluation/archaeological trenches.
2009	The image shows further clearance and development of the yard, while a structure is shown to the north west taking part of the former carpark area. A large open (Gravel) storage area is shown at the south east corner of the site.	The fields to the north east of the site are being used for car storage/ parking.
2012	No significant changes are noted at the site.	20m from the southern boundary two steel framed buildings are being constructed. Around 50m to the east there is evidence of sand and gravel workings.
2017	A large white roofed structure (warehouse or barn) has been constructed in the south east corner replacing the open storage area. To the west of the new structure a smaller green roofed building has been constructed. In the centre of the site an above ground cylindrical tank, possibly for fuel, has been placed in a part enclosed storage area.	Expansion of the Sand and Gravel working in the fields to the south east of the site.
2018	No significant changes noted.	No significant changes noted.

Image Date	On Site History	Off Site History
2020	Three additional above ground storage tanks have been added to the centre of the site, consistent with the tanks currently on site.	No significant changes noted.
2022	The yard area has been re-surfaced with asphalt and parking areas marked out for car and commercial vehicle parking. The southern end of the area containing the storage tanks in the centre of the yard is marked as Fuelling Area.	Further expansion of the Sand and Gravel working in the fields to the south east of the site.

5. PUBLISHED GEOLOGY AND RADON

5.1 Published geological information (Reference 2) indicates that the site lies in an area where the general downwards strata succession is as detailed in Table 5.1 below:

Table 5.1 Geological Sequence

Lithology	Lithological Description	Age Range
Cover Sand	Clay, Silt and Sand	Quaternary
Kesgrave Catchment Subgroup	Sand and Gravel	Quaternary
Thames Group	Clay, Silt and Sand	Palaeogene

The published geological map (Reference 2) indicates that the site is underlain by solid deposits of the Thames Group overlain by superficial deposits of the Cover Sand. Further superficial deposits of the Kesgrave Catchment Subgroup are shown in the area around the site.

5.2 A search of the British Geological Survey borehole database (GeoIndex) indicates that there are few borehole records in the area of the site. The closest borehole, around 160m to the north, indicates around 3.0m of clayey silt overlying gravelly silty sand to around 8.5m below which deposits of the Thames Group are present.

5.3 Published and on-line resources on the occurrence of radon and the need for protection measures in new dwellings (Reference 3) indicate that radon protection measures are not necessary. The Envirocheck Report, presented in Appendix (ii), confirms that the site is in a lower probability radon area.

5.4 The Envirocheck Report and other information indicate that the site is not in an area affected by coal mining.

5.5 The Envirocheck Report indicates potential geological ground stability hazards for the site which are summarised in Table 5.2 below.

Table 5.2 Ground Stability Hazard

Potential Geological Ground Stability Hazard	Hazard Potential
Collapsible Ground	Low
Compressible Ground	No Hazard
Ground Dissolution	No Hazard
Landslide	Very Low
Running Sand	Very Low
Shrinking or Swelling Clay	No Hazard

5.6 Information on estimated Soil Chemistry contained in the Envirocheck Report indicates that there are no elevated concentrations of arsenic, cadmium, chromium, lead or nickel in the area of the site.

5.7 Details of BGS recorded mineral sites listed in the Envirocheck Report are summarised in Table 5.3 below. There are eleven recorded mineral sites within 1km of the site.

Table 5.3 BGS Recorded Mineral Sites

Entry	Distance From The Site			
	On Site	0 to 250m	251 to 500m	501 to 1000m
Recorded Mineral Sites	0	2	3	6
The closest recorded mineral site is for a sand and gravel pit, Crown Quarry, (dormant) some 90m to the east. The second closest recorded mineral site is the clay pit noted on the historical maps some 160m to the south west.				

The closest two recorded mineral sites are within the recognised influencing distance of 250m from the proposed development. The potential for influence will depend on the nature of any backfill materials which could give rise to ground gases. However, the satellite imagery suggests Crown Quarry has not been infilled close to the site. The old clay pit 160m is now below the current route of the A12 and unlikely to be of concern.

6. GROUNDWATER VULNERABILITY, HYDROGEOLOGY AND HYDROLOGY

6.1 The DEFRA web site and Envirocheck Report indicate the following in terms of groundwater vulnerability, a summary of which is given in Table 6.1 below.

Table 6.1 Groundwater Vulnerability

Groundwater Vulnerability	Designation
Superficial Deposits	Secondary B Aquifer
Bedrock Deposits	Unproductive Strata
Groundwater Vulnerability	High Vulnerability Secondary Aquifer
Groundwater Source Protection Zone (GSPZ)	Total Catchment Zone 3
Soluble Rock Risk	None

The latest Environment Agency groundwater vulnerability maps class the site as a High Vulnerability Secondary Aquifer and the site lies in a Groundwater Source Protection Zone Total Catchment Zone 3 (References 8 and 9).

6.2 There are twenty seven discharge consents recorded in the Envirocheck Report in the area around the site as summarised in Table 6.2 below.

Table 6.2 Discharge Consents

Entry	Distance From The Site			
	On Site	0 to 250m	251 to 500m	501 to 1000m
Discharge Consents	0	1	4	22
The closest discharge consent is for discharge of sewerage – final treated effluent some 11m to the south east of the site.				

The discharges identified in Table 6.2 are unlikely to influence the proposed development.

6.3 There are two Integrated and Local Authority Pollution Prevention and Controls (LAPPCs) in the area around the site as detailed in Table 6.3 below.

Table 6.3 Integrated and Local Authority Pollution Prevention and Controls (LAPPCs)

Entry	Distance From The Site			
	On Site	0 to 250m	251 to 500m	501 to 1000m
Integrated and LAPPCs	0	0	1	1
The closest LAPPC relates to waste oil burners some 412m to the south west of the site.				

The LAPPCs are sufficiently distant not to influence the proposed development.

- 6.4 There are nine pollution incidents to controlled waters listed in the Envirocheck Report as detailed in Table 6.4 below.

Table 6.4 Pollution Incidents to Controlled Waters

Entry	Distance From The Site			
Pollution Incidents to Controlled Waters	On Site	0 to 250m	251 to 500m	501 to 1000m
	0	1	1	7
The closest incident was 132m to the north west and relates to private sewage Category 3 Minor incident in 1995.				

The listed incidents are not considered likely to influence the proposed development.

- 6.5 The Envirocheck Report provides the following information on water abstraction in the area of the site as summarised in Table 6.5 below.

Table 6.5 Water Abstractions

Entry	Distance From The Site			
Water Abstractions	On Site	0 to 250m	251 to 500m	501 to 2000m
	0	1	1	102
The closest water abstraction (revoked) is for spray irrigation some 86m to the west. The closest active extraction is for mineral dewatering 360m to the north. The remaining abstractions are generally for agricultural purposes and spray irrigation. The closest public water supply borehole is to the south east around 1695m from the site.				

The proposed development is unlikely to influence the water abstractions.

- 6.6 The closest surface feature is a pond associated with sand and gravel extraction around 156m to the south east of the site. There are a number of water courses in the area including Salary Brook around 600m distant from the site. Salary Brook is of River Quality B (good) where A is very good and F is poor.
- 6.7 Table 6.6 below summarises the risk of flooding at the site and is based on information contained in the Envirocheck Report and from long term flood risk information from the UK government. Flooding from surface water is difficult to predict as rainfall location and volume are difficult to forecast. In addition, local features can greatly affect the chance and severity of flooding.

In the case of flooding from rivers and sea this takes into account the effect of any flood defences in the area. These defences reduce but do not completely stop the chance of flooding as they can be overtopped, or fail.

Table 6.6 Flood Risk Summary

Flood Type	Flood Risk	
	On Site	Off Site
Extreme Flooding from Rivers or Sea without Defences (Zone 2)	None	None
Flooding from Rivers or Sea without Defences (Zone 3)	None	None
Potential for Flooding from Surface Water	Low along E boundary	Low adjacent to SE corner
Potential for Groundwater Flooding to Occur	None	None
Potential for Groundwater Flooding of Property Situated below Ground Level	None	None

- 6.8 There are no entries on the Contaminated Land Register within 2km of the site.
- 6.9 Given the topography of the site, groundwater and surface water flow directions are likely to be to the south east or east.
- 6.10 Based on the foregoing information, a site sensitivity assessment for the water environment has been undertaken in accordance with the recommendations of Reference 5 and is presented in Table 6.7 below. The DEFRA website indicates that the site is classified as a Secondary Aquifer of high vulnerability in terms of groundwater vulnerability. There is little sensitive water use in the immediate area however the site is within a Groundwater Source Protection Zone – Zone 3 Total Catchment.

Table 6.7 Water Environment Sensitivity Assessment

Water Environment	Sensitivity Assessment
Groundwater	H2 High
Surface Water	M1 Moderately High

7. INDUSTRIAL LAND USES

- 7.1 As discussed in Section 3, the site lies in a mixed use and rural area. The Envirocheck Report lists surrounding land uses based on contemporary trade directory entries, which may highlight potentially contaminative land uses. Details of the trade directory entries within are given in Table 7.1 below. It should be noted that not all of the businesses listed are active.

Table 7.1 Trade Directory Entries

Entry	Distance From The Site			
	On Site	0 to 250m	251 to 500m	501 to 1000m
Contemporary Trade Directory Entries	0	5	6	33
The closest directory entry relates to scaffolding and work platforms (inactive) some 37m to the north of the site. The nearest active land use is a car breakdown and recovery service 48m to the south.				
Fuel Station Entries	0	0	1	0
The closest fuel station is listed as P R M Commercials some 474m to the north, which is noted as obsolete and it is not considered likely to influence the proposed development.				

The trade directory entries confirm there is some industrial use in the area. However, the current or previous uses of the site are not listed in the trade directories.

8. LANDFILL AND WASTE MANAGEMENT FACILITIES

8.1 The Envirocheck Report indicates there are no landfills facilities within 2km of the site. However, two licensed waste management facilities are listed, one for the management of inert or extractive waste at a mine some 125m to the north and the second for the treatment of waste to produce soil some 183m to the east. Neither of these operations is thought to be particularly contaminative or likely to influence the proposed development.

8.2 The Envirocheck Report also lists areas of potentially infilled ground. Six such features are noted between 762m and 846m from the site which are unlikely to influence the proposed development. However, one potentially infilled pit is marked 160m to the south west associated with the former clay pit noted on the historical maps. As discussed in Section 5.7, depending on the nature of any backfill materials this could potentially influence the proposed development, although the old clay pit 160m is now below the current route of the A12 and unlikely to be of concern.

9. SENSITIVE LAND USES

9.1 The site lies in a Nitrate Vulnerable Zone (NVZ) for both surface water and groundwater.

10. INITIAL CONCEPTUAL SITE MODEL

10.1 Assessing Contamination

The processes for assessing contamination should be based on the protection of human health, building materials and the environment using the SOURCE-PATHWAY-RECEPTOR concept. The sources, pathways and receptors relevant to the site are identified using a conceptual site model as outlined in Guidance for the Safe Development of Housing on Land Affected by Contamination (Reference 5), although it is appreciated that the end use of the site is currently commercial and is to remain as a commercial use. Reference is also made to the procedures in the Environment Agency Land Contamination Risk Management (Reference 6), BS 10175:2011+A2:2017 (Reference 4), the DEFRA Contaminated Land Statutory Guidance (Reference 7) and the Essex Contaminated Land Consortium Document (Reference 10). The preliminary conceptual site model presented in the following is based on the findings of the desk top study and thus contains elements of conjecture and hypothesis. Where necessary elements of the conceptual site model may be investigated to obtain actual data on conditions below the site.

In the following sections, the individual components of the identified possible pollutant linkages are assessed.

10.2 Sources of Contamination

The study has found some evidence of potentially contaminative previous and current uses of the site and surrounding land as summarised in Table 10.1 below.

Table 10.1 Potential Sources and Types of Contamination

Potential Sources	Contaminants of Concern
On Site Historical	
Open field	No significant sources of contamination identified
Highways depot (post 1999)	Heavy metals, salts, PAHs, Hydrocarbons, fuel and oil,
On Site Present Day	
Highways depot including fuel storage	Heavy metals, salts, PAHs, Hydrocarbons, fuel and oil.
Off Site Historical	
Orchard and nursery 60m to west	Heavy metals, pesticides, herbicides
Old clay pit 160m to south west (now below route of A12 and of little concern)	Possible ground gases depending on nature of any backfill
Off Site Present Day	
Light industrial land uses	Heavy metals, oils and hydrocarbons
Sand and gravel extraction to east	Not a significant source of contamination.

10.3 Receptors at Risk

This assessment identifies potential receptors within the following four categories which may be affected by the presence of contaminants.

- i. end users of the site who may be exposed to sources of contamination on a regular and predictable basis.
- ii. controlled waters i.e. surface water, ground water and perched water.
- iii. building structures, materials and services in the ground
- iv. other targets such as construction workers

Table 10.2 below lists the main sensitive targets within these categories.

Table 10.2 Receptors at Risk

Category	Details of Receptor
End Users	End users of the new commercial building (adults), visitors (adults), and delivery/maintenance personnel (adults). Adult users of the commercial building are likely to be the most sensitive. Off-site end users of surrounding properties.
Controlled Waters	Site underlain by a sensitive secondary aquifer and in a groundwater source protection zone. Groundwater sensitivity H2 (High). Surface Water sensitivity assessed as M1 (Moderately High).
Buildings/services	Buildings and services may be susceptible to contaminants in the ground.
Other targets	Short term exposure of construction workers

10.4 Pathways

Consideration has been given to the potential pathways identified in the CLEA Model as ingestion, inhalation of soil/dust, gasses or vapours, dermal contact and consumption of garden vegetables or fruit by which receptors could be affected by contaminants. Table 10.3 below summarises potentially active pathways given the form of the development for a commercial end use.

Table 10.3 Potential Pathways for a Commercial End Use with limited landscaping

Category	Details of Pathway
End Users – On Site	Potential identified pathways in soft landscaping areas and ingress into water supplies., Vapour/gas ingress into buildings
End Users – Off Site	Migration of contaminants off site.
Controlled Waters	Vertical migration of mobile/leachable contaminants on site to groundwater or migration to surface water. Water environment reasonably sensitive, Groundwater Source Protection Zone Total Catchment Zone 3. Groundwater H2, surface water M1.
Buildings/services	Potential influence on water supply pipes and construction materials.
Other targets	Potentially Active Pathway for dermal contact, inhalation of soil/dust for construction workers in short term.

10.5 Preliminary Conceptual Site Model

Based on the preceding information, a preliminary conceptual site model of pollutant linkages on the site has been developed. The model is presented in Table 10.4 which also includes a qualitative estimation of risk for each active pollution linkage based on consideration of the likelihood of an event (probability) and the severity of the potential consequence. If no pollutant linkage exists then there is no potential risk. Definitions for the severity of the consequences and the probability are given in Appendix (iv). Once the consequence and probability have been classed for a pollutant linkage they can be compared to categorise the risk (Reference 5). Risk categories can range from very low risk to very high risk, which are defined and described in Appendix (iv).



Table 10.4 Preliminary Conceptual Site Model of Pollutant Linkages

Sources Potentially Present	Receptors	Pathways	Qualitative Assessment of Risk
Highways depot with fuel storage (redevelopment for industrial use with site covered predominantly by buildings and hard cover)	End Users – On Site	Contact with soils/dust, inhalation, ingestion	Low to very low risk
	End Users – On Site	Ingress of gas/vapour	Low to very low risk
	End Users – Off Site	Migration	Very Low risk
	Controlled Waters	Migration	Low Risk
	Buildings/Services	Ingress into water supply pipes	Negligible with appropriate selection of water supply pipes.
	Construction Workers	Contact with soils/dust	Negligible with appropriate PPE
Infilled Old Clay Pit 160m to SW – now below current route of A12 and of little concern	End Users – On Site	Contact with soils/dust, inhalation, ingestion	Very low risk
	End Users – On Site	Ingress of gas/vapour	Very Low risk
	Buildings/Services	Ingress into water supply pipes	Negligible with appropriate selection of water supply pipes.
	Construction Workers	Contact with soils/dust	Negligible with appropriate PPE
Light Industrial Use of Surrounding Land	End Users – On Site	Contact with soils/dust, inhalation, ingestion	Very low risk
	End Users – On Site	Ingress of gas/vapour	Very low risk
	End Users – Off Site	Migration	Very Low risk
	Controlled Waters	Migration	Low risk
	Buildings/Services	Ingress into water supply pipes	Negligible with appropriate selection of water supply pipes.
	Construction Workers	Contact with soils/dust	Negligible with appropriate PPE

Other potential sources of contamination on surrounding land, including the nearby former orchards are considered to present negligible risk.

The conceptual model has identified some potential active pathways at the site along with some potential sources of contamination. The above assessment of risks is based on the findings of the site inspection and the available Desk Study information and takes account of the development proposals. However, it should not be taken as precluding the risk of unidentified contamination and some physical investigation of the site is proposed below.

Risks to construction workers may be mitigated by adopting good practices on site. It is recommended that gloves, boots and overalls should be worn to reduce the risks of skin contact and a high standard of hygiene should be maintained on site to reduce risks of hand to mouth transfer.

10.6 Uncertainties

The foregoing assessment represents a reasonably robust and comprehensive assessment of the potential for contamination and possible risks to receptors. However, it is recognised that the information on which the assessments are based is, in places, incomplete. Confirmation should be sought from Trading Standards, Essex County Council that there are no records of below ground fuel storage tanks.

10.7 Discussion and Conclusions

The desk study and walkover survey at the site has identified some potential sources of contamination associated with the current use of the site as a highways depot mainly associated with fuel storage. However, following redevelopment of the site few active pathways are likely to exist between end users and the underlying soils as almost the entire site is to be covered in buildings and other hard standing and much of the existing hard standing and asphalt surfaces are to remain as part of the proposed development.

It is assumed that prior to demolition of the existing buildings that an asbestos survey is undertaken by a suitably experienced contractor to identify any asbestos containing materials and advise on their safe removal and disposal, although no evidence of asbestos was uncovered during the walkover survey.

Following any demolition and clearance of the site and removal of the fuel and other tanks and associated infrastructure, a detailed inspection of the site should be undertaken by an experienced geo-environmental engineer to assess possible sources of contamination. Some samples of the soils should be recovered for testing from around the area of the tanks to check for evidence of contamination though the walk over survey did not reveal any spillages. This recommendation could be included as part of any planning conditions.

If a geotechnical investigation is undertaken for the new building consideration could be given to some further contamination check testing on samples recovered.

If there is evidence of significant contamination, further drilling and testing may be required along with monitoring of ground gases.

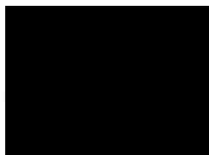
Laboratory testing should be undertaken for a range of contaminants relevant to the previous and current uses of the site, historical and current use of the surrounding area and observations on site. It is proposed to initially test for the following contaminants, although this may vary depending on the findings on site: Heavy Metals, Speciated Polyaromatic Hydrocarbons, Total Petroleum Hydrocarbons and asbestos. Where groundwater is encountered, samples may be recovered for analysis if deemed necessary.

The findings of the investigation should be presented in an interpretative report which include quantitative and qualitative risk assessments and discussions of possible remedial action if unacceptable levels of contamination are present. The work should be undertaken in accordance with current UK methodologies and recognised standards. Should significant contamination be identified then a further phase of investigation may prove necessary.

In addition, if any unforeseen contamination is encountered during the development works this should be reported immediately so that appropriate action can be taken.



T. Foord BSc (Hons), BTech HND (GeolTech), FGS



R. Foord BSc, MSc, MCSM, CGeol, FGS

REFERENCES

1. Ordnance Survey 1:50,000 Series Sheet 168 Colchester Halstead & Maldon 2016.
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3. HPA-RPD-033 2007 Indicative Atlas of Radon in England and Wales. Public Health England.
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8. Environment Agency 2017 Project Summary SC040016 Groundwater Vulnerability Maps Technical Summary.
9. Environment Agency 2017 Report SC040016/R New Groundwater Vulnerability Mapping Methodology in England and Wales.
10. Essex Contaminated Land Consortium. Land Affected By Contamination. Technical Guidance for Applicants & Developers. Third Edition 30th September 2014.



WEB PAGES

<https://osmaps.ordnancesurvey.co.uk>

<http://maps.google.co.uk/maps?hl=en&tab=wl>

<http://www.streetmap.co.uk/>

<http://www.bing.com/maps/?FORM=Z9LH3#>

<http://mapapps2.bgs.ac.uk/geoindex/home.html>

<http://www.bgs.ac.uk/data/mapViewers/home.html>

http://maps.environment-agency.gov.uk/wiyby/wiybyController?ep=maptopics&lang=_e

<http://www.bombsight.org/#15/51.5050/-0.0900>

<https://www.ukradon.org>

<https://magic.defra.gov.uk>

GENERAL NOTES – DESK STUDY

A desk study means that no site visits have been made unless otherwise specified.

The report provides factual data for the site obtained only from the sources described in the text and related to the site on the basis of the location information supplied by the Client.

The desk study information is not necessarily exhaustive and further information relevant to the site may be available from other sources.

The accuracy of maps cannot be guaranteed and it should be recognised that different conditions on site may have existed between and subsequent to the various map surveys and editions published.

No sampling or analysis has been undertaken in relation to this desk study.

Where any data supplied by the Client or from other sources, including previous site investigations, have been used it has been assumed that the information is correct. No responsibility can be accepted by Compass Geotechnical Limited for inaccuracies in the data supplied by any other party.

The report and/or opinion will be prepared and written for the specific purposes and/or development stated in the document and in relation to the nature and extent of proposals made available to us at the time of writing. The recommendations should not be used for other schemes on or adjacent to the site.

New information, improved practices, changes in legislation, or changes in guidelines from Statutory Bodies may necessitate a re-interpretation of the report in whole or part after its original submission.

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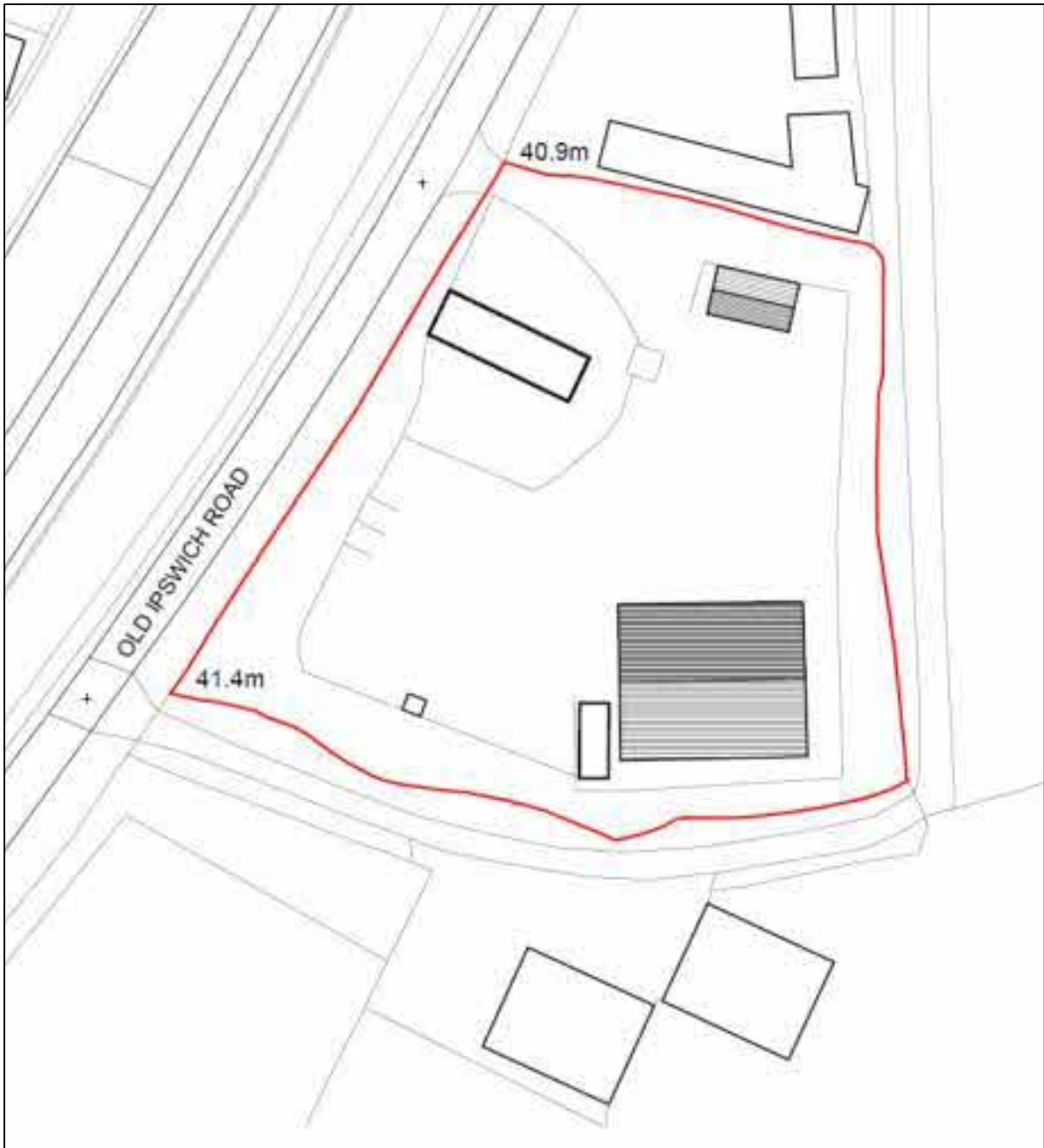
The report is provided for the sole use of the client and is confidential to them, their professional advisors, no responsibility whatsoever for the contents of the report will be accepted to any person other than the client.



Appendix (i)
Figures



Reproduced with the permission of Ordnance Survey on behalf of The Controller of Her Majesty's Stationery Office, © Crown Copyright Licence No: AL100034022.	Figure 1	Site Location Plan
	Date	October 2023
	Not to Scale	



Extract from Front Drawing No: 23.536 002 dated 14.02.2023 Existing Site Plan	Figure 2	Existing Site Plan
	Date	October 2023
	Not to Scale	



Extract from Front Drawing No: 23.536 200 P07 dated 14.02.2023 Proposed Site Plan	Figure 3	Proposed Site Plan
	Date	January 2024
	Not to Scale	



Appendix (ii)
Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

317693798_1_1

Customer Reference:

233063

National Grid Reference:

602460, 229520

Slice:

A

Site Area (Ha):

0.97

Search Buffer (m):

1000

Site Details:

Land to south east side of
Old Ipswich Road
Ardleigh
COLCHESTER
Essex
CO7 7QW

Client Details:

Ms R Foord
Compass Geotechnical Limited
13 Willow Park Industrial Estate
Stoke Golding
CV13 6EU

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	46
Hazardous Substances	47
Geological	48
Industrial Land Use	52
Sensitive Land Use	58
Data Currency	59
Data Suppliers	65
Useful Contacts	66

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1			Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1	4	22
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control	pg 8				1
Local Authority Pollution Prevention and Controls	pg 8			1	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8		Yes		
Pollution Incidents to Controlled Waters	pg 8		1	1	7
Prosecutions Relating to Authorised Processes	pg 10				1
Registered Radioactive Substances					
River Quality	pg 10			1	1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 11				1
Substantiated Pollution Incident Register	pg 11				1
Water Abstractions	pg 12		1	1	45 (*57)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 38	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 38	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 38	Yes	n/a	n/a	n/a
Source Protection Zones	pg 38	1			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 38				62

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 46		2		
Local Authority Landfill Coverage	pg 46	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 46		1		1
Potentially Infilled Land (Water)	pg 46				5
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites	pg 47				3
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 48	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 48	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 48		2	3	6
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 50	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 50	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 51	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 51		Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 52		5	6	33
Fuel Station Entries	pg 55			1	
Points of Interest - Commercial Services	pg 55			4	7
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 56			2	8
Points of Interest - Public Infrastructure	pg 57			1	
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 58				3
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 58	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (SE)	363	1	602850 229350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	455	1	602150 229100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	459	1	602250 229050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	467	1	602500 229000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	469	1	602400 229000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SW)	477	1	602200 229050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	491	1	602300 229000
1	Discharge Consents Operator: Evolve (Colchester) Limited Property Type: OFFICES ADMIN + SUPPORT Location: Flex Evolve Studios, Old Ipswich Road, Colchester, Co7 7qr Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Eprnb3494rk Permit Version: 1 Effective Date: 14th November 2019 Issued Date: 14th November 2019 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Ardleigh Reservoir Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	11	2	602519 229470
2	Discharge Consents Operator: Mr P R Blake Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Chimes Lodge Lane, Langham, Colchester, Essex, Co4 5na Authority: Environment Agency, Anglian Region Catchment Area: Lower River Colne (Colchester) Reference: Prenf13816 Permit Version: 1 Effective Date: 11th October 2001 Issued Date: 11th October 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Salary Brook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	A13NW (W)	262	2	602140 229580
2	Discharge Consents Operator: Mr Andrew Hardie Property Type: Domestic Property (Single) Location: Tralee Lodge Lane, Langham, Colchester, Essex, Co4 5na Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Epryb3732aj Permit Version: 1 Effective Date: 27th June 2013 Issued Date: 27th June 2013 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Salary Brook Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13NW (W)	266	2	602138 229585

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Nicholas H. Scott Barrett Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Gatehouse Farm Crown Lane North, Ardleigh, Colchester, Essex, Co7 7qz Authority: Environment Agency, Anglian Region Catchment Area: Colne Estuary Tributaries / Ardleigh Reference: Prenf13186 Permit Version: 1 Effective Date: 20th June 2000 Issued Date: 27th July 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Salary Brook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	345	2	602450 229120
4	<p>Discharge Consents</p> <p>Operator: Neeb Holdings Limited Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: White House Farm Old Ipswich Road, Ardleigh, Colchester, Essex, Co7 7qz Authority: Environment Agency, Anglian Region Catchment Area: Colne Estuary Tributaries / Ardleigh Reference: Npswqd005565 Permit Version: 1 Effective Date: 3rd July 2009 Issued Date: 3rd July 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Trib Of Ardleigh Reservoir Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	493	2	602141 229062
5	<p>Discharge Consents</p> <p>Operator: Ewals Cargo Care Ltd Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Blue Barn Depot Old Ipswich Road, Ardleigh, Suffolk, Co7 7qj Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf01212 Permit Version: 2 Effective Date: 20th March 1992 Issued Date: 20th March 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Northern Trib Of Salary Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	590	2	602750 230100
5	<p>Discharge Consents</p> <p>Operator: Cargo Care (International) Ltd Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Blue Barn Depot Old Ipswich Road, Ardleigh, Suffolk, Co7 7qj Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prenf01212 Permit Version: 1 Effective Date: 18th July 1989 Issued Date: 18th July 1989 Revocation Date: 19th March 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Salary Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	590	2	602750 230100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Discharge Consents</p> <p>Operator: Ewals Cargo Care Ltd Property Type: Not Supplied Location: Haulage Depot At The Hangar Blue Barns, Ardleigh, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pr2nfe01479 Permit Version: 1 Effective Date: 19th April 1979 Issued Date: 19th April 1979 Revocation Date: 2nd July 1996 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	615	2	602720 230140
6	<p>Discharge Consents</p> <p>Operator: Mitchells & Butlers Retail Limited Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: The Crown Ph Ardleigh, Colchester, Essex, Co7 7qr Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prenf10521 Permit Version: 3 Effective Date: 16th April 2003 Issued Date: 16th April 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Tributary Ardleigh Reservoir Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	641	2	601960 229010
6	<p>Discharge Consents</p> <p>Operator: Bass Taverns Ltd Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: The Crown Ph Ardleigh, Colchester, Essex, Co7 7qr Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prenf10521 Permit Version: 2 Effective Date: 31st January 1997 Issued Date: 31st January 1997 Revocation Date: 15th April 2003 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Tributary Ardleigh Reservoir Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	641	2	601960 229010
6	<p>Discharge Consents</p> <p>Operator: Bass Taverns Ltd Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: The Crown Ph Ardleigh, Colchester, Essex, Co7 7qr Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prenf10521 Permit Version: 1 Effective Date: 25th November 1996 Issued Date: 25th November 1996 Revocation Date: 30th January 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Tributary Ardleigh Reservoir Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	641	2	601960 229010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: Butterfly Hotels Ltd Property Type: Not Supplied Location: Old Ipswich Road Ardleigh, Colchester, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf04117 Permit Version: 1 Effective Date: 14th February 1991 Issued Date: 14th February 1991 Revocation Date: 29th July 2015 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Salary Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	655	2	602100 228900
8	<p>Discharge Consents</p> <p>Operator: Mr Chris Curtis-Allen Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Blue Barns Cottage Old Ipswich Road, Ardleigh, Colchester, Essex, Co7 7ql Authority: Environment Agency, Anglian Region Catchment Area: Lower River Colne (Colchester) Reference: Prenf19590 Permit Version: 1 Effective Date: 5th August 2005 Issued Date: 22nd August 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Salary Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	668	2	602781 230172
8	<p>Discharge Consents</p> <p>Operator: Systematic Logistics International Ltd Property Type: Domestic Property (Single) Location: Blue Barns Old Ipswich Road, Ardleigh, Colchester, Essex, Co7 7ql Authority: Environment Agency, Anglian Region Catchment Area: Middle River Stour (Bures) Reference: Prenf13388 Permit Version: 1 Effective Date: 27th October 2000 Issued Date: 7th November 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Salary Brook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A18NE (NE)	701	2	602783 230207
9	<p>Discharge Consents</p> <p>Operator: Stane Park Limited Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Lodge Park Lodge Lane, Langham, Colchester, Essex, Co4 5ne Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Eprgb3090av Permit Version: 1 Effective Date: 8th June 2017 Issued Date: 8th June 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib To Salary Brook Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	702	2	601783 229850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Mrs Suzanna Nunn Property Type: Domestic Property (Multiple) Location: Lodge Lane Business Park Lodge Lane, Langham, Colchester, Essex, Co4 5ne Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Epreb3691vb Permit Version: 1 Effective Date: 30th August 2016 Issued Date: 30th August 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Salary Brook Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (NW)	731	2	601752 229853
9	Discharge Consents Operator: Dr Stuart Gooding Property Type: Domestic Property (Multiple) Location: Lodge Lane Business Park Lodge Lane, Langham, Colchester, Essex, Co4 5ne Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Epreb3691vb Permit Version: 1 Effective Date: 30th August 2016 Issued Date: 30th August 2016 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Salary Brook Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (NW)	731	2	601752 229853
10	Discharge Consents Operator: Willhire Group Limited Property Type: Not Supplied Location: Premises At Union Chapel Old Ipswich Road, Nr. Ardleigh, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prelf00097 Permit Version: 1 Effective Date: 4th January 1989 Issued Date: 4th January 1989 Revocation Date: 29th July 1998 Discharge Type: Unknown Discharge: Land/Soakaway Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	733	2	601950 228900
11	Discharge Consents Operator: Mr Mark Pertwee Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: The Gatehouse Lodge Lane, Langham, Colchester, Essex, Co4 5ne Authority: Environment Agency, Anglian Region Catchment Area: Lower River Colne (Colchester) Reference: Npswqd001938 Permit Version: 1 Effective Date: 5th June 2008 Issued Date: 5th June 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Salary Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NW)	738	2	601733 229834

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Discharge Consents</p> <p>Operator: Mrs P M Ashby Property Type: Domestic Property (Multiple) Location: 3&4 Lodge Lane Langham, Colchester, Essex, Co4 5nd Authority: Environment Agency, Anglian Region Catchment Area: Colne Estuary Tributaries / Ardleigh Reference: Prenf10385 Permit Version: 1 Effective Date: 4th April 1996 Issued Date: 4th April 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Salary Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	748	2	601710 229810
12	<p>Discharge Consents</p> <p>Operator: Mrs P M Ashby Property Type: Domestic Property (Multiple) Location: Lodge Lane Nos.1&2 Langham, Colchester, Essex, Co4 5nd Authority: Environment Agency, Anglian Region Catchment Area: Colne Estuary Tributaries / Ardleigh Reference: Prenf10386 Permit Version: 1 Effective Date: 4th April 1996 Issued Date: 4th April 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Salary Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	834	2	601620 229820
13	<p>Discharge Consents</p> <p>Operator: Mr D M R Rutter Property Type: Domestic Property (Single) Location: Foxearth Old Ipswich Road, Dedham, Colchester, Co7 6hu Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Pr2nfe01379 Permit Version: 1 Effective Date: 19th April 1979 Issued Date: 19th April 1979 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Unknown Trib. Salary Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A19NW (NE)	836	2	602900 230300
14	<p>Discharge Consents</p> <p>Operator: J.S. Blyth & Sons Property Type: MINERAL/GRAVEL EXTRACTION/QUARRYING Location: Wick Farm Ardleigh, Colchester, Essex, Co5 9us Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nf214 Permit Version: 1 Effective Date: 7th April 1986 Issued Date: 7th April 1986 Revocation Date: 5th March 1992 Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Salary Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	838	2	603300 229200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p>Discharge Consents</p> <p>Operator: The Occupier Property Type: Not Supplied Location: The Rookery Ipswich Road, Ardleigh, Colchester Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfe05474 Permit Version: 1 Effective Date: 29th April 1974 Issued Date: 29th April 1974 Revocation Date: 5th May 1992 Discharge Type: Discharge Of Other Matter-Swimming Pool Contents Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Salary Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	954	2	601850 228700
16	<p>Discharge Consents</p> <p>Operator: Sophie Elizabeth Lewin Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Bloomfield Farm Wik Ane, Ardleigh, Colchester, Essex, Co7 7rf Authority: Environment Agency, Anglian Region Catchment Area: Catchment 29 Unknown Detail Reference: Prenf15797 Permit Version: 1 Effective Date: 21st July 2003 Issued Date: 21st July 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Salary Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	971	2	603320 230090
17	<p>Discharge Consents</p> <p>Operator: Mr F J S & Mrs M J Culley Property Type: Sewage Disposal Works - Other Location: Greenways Bromley Road, Ardleigh, Colchester, Essex, Co7 7se Authority: Environment Agency, Anglian Region Catchment Area: Colne Estuary Tributaries / Ardleigh Reference: Prenf16909 Permit Version: 1 Effective Date: 19th November 2004 Issued Date: 19th November 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The Salary Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	996	2	603400 230000
18	<p>Discharge Consents</p> <p>Operator: Mr Karl Obrian Property Type: Domestic Property (Single) Location: Adare Harts Lane, Ardleigh, Essex, Co7 7qh Authority: Environment Agency, Anglian Region Catchment Area: Colne Estuary Tributaries / Ardleigh Reference: Npswqd008563 Permit Version: 1 Effective Date: 28th July 2009 Issued Date: 28th July 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Lake/Reservoir - with outlet Environment: Receiving Water: Ardleigh Reservoir Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A19NE (NE)	999	2	603170 230309

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Local Authority Integrated Pollution Prevention And Control Name: Polestar Colchester Ltd Location: Caxton Court, Newcomen Way, Severalls Industrial Park, Colchester, Essex, CO4 9QJ Authority: Colchester Borough Council, Environmental Health Department Permit Reference: APA7/92 Dated: 7th March 2002 Process Type: Other Activities Description: PG6/16 Printworks Status: Permit Issued Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	877	3	601714 228925
20	Local Authority Pollution Prevention and Controls Name: Fearnley Motors Location: Old Ipswich Road, ARDLEIGH, CO7 7QR Authority: Tendring District Council, Environmental Services Permit Reference: PPC069a Dated: 30th March 2004 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8NW (SW)	412	4	602187 229129
21	Local Authority Pollution Prevention and Controls Name: Polestar Colchester Ltd Location: Caxton Court, COLCHESTER, Essex, CO4 9QJ Authority: Colchester Borough Council, Environmental Health Department Permit Reference: APA 1/05 MAU 5030 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/16 Printworks Status: Transferred to LAIPPC Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	877	3	601714 228925
	Nearest Surface Water Feature	A13SE (SE)	156	-	602579 229335
22	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Septic Tank/Cesspit Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Sewage - Septic Tank Effluent Note: Salaey Brook Tributary Incident Date: 9th February 1995 Incident Reference: 2310 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Inadequate Construction Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	132	2	602300 229600
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Ardleigh Res Trib Incident Date: 13th April 1992 Incident Reference: 1309 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	491	2	602300 229000
24	Pollution Incidents to Controlled Waters Property Type: Road Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Oils - Diesel (Including Agricultural) Note: Unnamed Ditch Incident Date: 13th October 1997 Incident Reference: 3283 Catchment Area: Not Given Receiving Water: Potential River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	514	2	603000 229700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Plains Farm Tributary Salany Bk Incident Date: 6th May 1993 Incident Reference: 1675 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	592	2	602300 228895
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Salaey Brook Tributary Incident Date: 8th December 1992 Incident Reference: 1528 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	612	2	602800 230100
27	Pollution Incidents to Controlled Waters Property Type: Road Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Oil Note: Ardleigh Res Trib Incident Date: 14th March 1994 Incident Reference: 1993 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	655	2	602100 228900
28	Pollution Incidents to Controlled Waters Property Type: Road Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Chemicals - Unknown Note: Salaey Brook Tributary Incident Date: 27th January 1995 Incident Reference: 2289 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	831	2	601800 228900
29	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Salaey Brook Tributary Incident Date: 25th February 1993 Incident Reference: 1579 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	983	2	601800 228700
29	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Crude Sewage Note: Salary Brook Incident Date: 11th November 1998 Incident Reference: 3623 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	987	2	601800 228695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Prosecutions Relating to Authorised Processes Location: Land Adjacent to, Lodge lane, Langham, COLCHESTER, Essex, CO4 5N Prosecution Text: Ea Ref Pr57/01. Charged For Illegal Disposal Of Controlled Waste On Land Where A Waste Management Licence Is Not In Force, And Failure To Clear Illegally Deposited Waste. Prosecution Act: Epa90 S33 & S59(1a) Hearing Date: 13th February 2001 Verdict: Guilty Fine: 15500 Costs: 5442.98 Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	631	2	601828 229785
	River Quality Name: Salary Brk W Tr GQA Grade: River Quality D Reach: A12 Rd Culvert...Ardleigh Res Estimated Distance (km): 3 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A8NW (S)	447	2	602308 229043
	River Quality Name: Salary Brk N Tr GQA Grade: River Quality C Reach: Blue Barns Fm...Ardleigh Res Estimated Distance (km): 3.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18SE (NE)	614	2	602731 230135

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	River Quality Chemistry Sampling Points Name: Salary Brook W Tr Reach: A12 Road Culvert To Ardleigh Reservoir Estimated Distance: 3.00 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied	A7NE (SW)	698	2	601948 228946
32	Substantiated Pollution Incident Register Authority: Environment Agency - Anglian Region, Central Area Incident Date: 30th November 2005 Incident Reference: 364519 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Sewage Materials: Process Effluent	A7NE (SW)	697	2	601992 228914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	Water Abstractions Operator: Mr. J. Smith Licence Number: 8/37/25/*g/068 Permit Version: Not Supplied Location: Ipswich Road, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 2 Yearly Rate (m3): 9090 Details: Glacial Sand and Gravel; Status: Revoked 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 10m	A13SW (W)	86	2	602300 229500
34	Water Abstractions Operator: Sewells Reservoir Construction Ltd Licence Number: An/037/0025/023 Permit Version: 1 Location: Crown Quarry, Ardleigh, Colchester Authority: Environment Agency, Anglian Region Abstraction: Mineral Products: 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: 16th March 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SE (N)	360	2	602554 229923
35	Water Abstractions Operator: Sewells Reservoir Construction Limited Licence Number: An/037/0025/022 Permit Version: 1 Location: Lagoon At Crown Quarry, Ardleigh Authority: Environment Agency, Anglian 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: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 16th March 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	504	2	602975 229283
36	Water Abstractions Operator: M & A Southgate Licence Number: 8/37/25/*S/0027 Permit Version: 100 Location: Ardleigh Reservoir, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 June Authorised End: 30 September Permit Start Date: 1st October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NW (S)	588	2	602300 228900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Water Abstractions Operator: Mr & Mrs C E George Licence Number: 8/37/25/*G/0053 Permit Version: 100 Location: Broomfields Orchard, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NE (S)	605	2	602700 228900
38	Water Abstractions Operator: M & A Southgate Licence Number: 8/37/25/*S/0027 Permit Version: 100 Location: Ardleigh Reservoir, Ardleigh Authority: Environment Agency, Anglian 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: Status: Perpetuity Authorised Start: 01 June Authorised End: 30 September Permit Start Date: 1st October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8SE (S)	679	2	602600 228800
39	Water Abstractions Operator: J.S. Blyth & Sons Ltd., Licence Number: 8/37/25/*g/151 Permit Version: Not Supplied Location: Wick Farm, Walton, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 10 Yearly Rate (m3): 16000 Details: Glacial Sand and Gravel; Status: Revoked 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	A14SE (E)	691	2	603200 229495
39	Water Abstractions Operator: J S Blyth & Sons Ltd Licence Number: 8/37/25/*G/0318 Permit Version: 100 Location: Well 1 - Wick Farm Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	692	2	603200 229500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Water Abstractions Operator: J S Blyth And Sons Ltd Licence Number: 8/37/25/*g/318 Permit Version: Not Supplied Location: Well 1 Wick Farm , ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 6 Yearly Rate (m3): 15000 Details: Glacial Sand and Gravel; Status: Perpetuity 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 10m	A14SE (E)	692	2	603200 229500
40	Water Abstractions Operator: K A Farrer Licence Number: 8/37/25/*G/0190 Permit Version: 100 Location: Birchwood Nursery, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	749	2	602900 230200
41	Water Abstractions Operator: J S Blyth & Sons Ltd Licence Number: 8/37/25/*G/0318 Permit Version: 100 Location: Well 2 - Wick Farm Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	795	2	603300 229400
41	Water Abstractions Operator: J S Blyth And Sons Ltd Licence Number: 8/37/25/*g/318 Permit Version: Not Supplied Location: Well 3 Wick Farm, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 6 Yearly Rate (m3): 15000 Details: Glacial Sand and Gravel; Status: Perpetuity 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 10m	A14SE (E)	795	2	603300 229395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	Water Abstractions Operator: J S Blyth & Sons Ltd Licence Number: 8/37/25/*G/0318 Permit Version: 100 Location: Well 3 - Wick Farm Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	810	2	603300 229300
42	Water Abstractions Operator: J S Blyth And Sons Ltd Licence Number: 8/37/25/*g/318 Permit Version: Not Supplied Location: Well 2 Wick Farm, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 6 Yearly Rate (m3): 15000 Details: Glacial Sand and Gravel; Status: Perpetuity 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 10m	A14SE (E)	810	2	603300 229300
43	Water Abstractions Operator: Ardleigh Reservoir Committee, Licence Number: 8/37/25/*i/226 Permit Version: Not Supplied Location: Kiln Wood, LANGHAM Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied 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	A7NW (SW)	843	2	601700 229000
44	Water Abstractions Operator: P G Rix (Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 103 Location: Park Lane Fm, Abs From Res 2 Authority: Environment Agency, Anglian 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: Not Supplied Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 1st May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	856	2	602200 230400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*S/0220 Permit Version: 101 Location: Res On Trib Of Salary Brook Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Anti Frost Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Plains Farm Ipswich Rd Ardleigh Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 7th December 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	879	2	602000 228700
45	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*S/0220 Permit Version: 101 Location: Res On Trib Of Salary Brook Authority: Environment Agency, Anglian 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: Plains Farm Ipswich Rd Ardleigh Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 7th December 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	879	2	602000 228700
45	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*S/0220 Permit Version: 100 Location: Res On Trib Of Salary Brook Authority: Environment Agency, Anglian 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: Status: Perpetuity Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 22nd January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	879	2	602000 228700
45	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*S/0220 Permit Version: 100 Location: Res On Trib Of Salary Brook Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Anti Frost Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 22nd January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	879	2	602000 228700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Water Abstractions Operator: Mr & Mrs C E George Licence Number: 8/37/25/*G/0053 Permit Version: 100 Location: Broomfields Orchards Crown Lane Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	897	2	603100 228800
46	Water Abstractions Operator: H. Woods Esq., Licence Number: 8/37/25/*g/183 Permit Version: Not Supplied Location: Whinstones, Crown Lane, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Catchpit, Catchment Tank or Collecting Tank Daily Rate (m3): 7 Yearly Rate (m3): 410000 Details: Glacial Sand and Gravel; Status: Revoked 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 10m	A9SW (SE)	897	2	603100 228800
47	Water Abstractions Operator: J.S. Blyth & Sons Ltd., Licence Number: 8/37/25/*g/151 Permit Version: Not Supplied Location: Bloomfields Farm, Walton, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 10 Yearly Rate (m3): 5000 Details: Glacial Sand and Gravel; Status: Revoked 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	A19SE (NE)	907	2	603301 229996
47	Water Abstractions Operator: Mr & Mrs D B Lewin Licence Number: 8/37/25/*G/0317 Permit Version: 100 Location: Well At Bloomfield Frm, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st September 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	908	2	603300 230000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	Water Abstractions Operator: P G Rix (Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 103 Location: Park Lane Farm To Res 1-Point C Authority: Environment Agency, Anglian 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: Park Lane Farm, Langham, Colchester Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	952	2	602200 230500
48	Water Abstractions Operator: P G Rix (Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 103 Location: Park Lane Farm To Res 1-Point C Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Park Lane Farm, Langham, Colchester Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 1st May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	952	2	602200 230500
48	Water Abstractions Operator: Williamson (Fruit Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 102 Location: Park Lane Farm To Res 1-Point C Authority: Environment Agency, Anglian 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: Park Lane Farm, Langham, Colchester Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	952	2	602200 230500
48	Water Abstractions Operator: Williamson (Fruit Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 102 Location: Park Lane Farm To Res 1-Point C Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Park Lane Farm, Langham, Colchester Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	952	2	602200 230500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	Water Abstractions Operator: Williamson (Fruit Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 101 Location: Park Lane Farm To Res 1 Authority: Environment Agency, Anglian 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: Park Lane Farm, Langham, Colchester Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 20th December 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	952	2	602200 230500
48	Water Abstractions Operator: Williamson (Fruit Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 101 Location: Park Lane Farm To Res 1 Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 20th December 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	952	2	602200 230500
48	Water Abstractions Operator: F E Williamson Fruit Farms Licence Number: 8/37/25/*S/0173 Permit Version: 100 Location: Park Lane Farm To Res 1 Authority: Environment Agency, Anglian 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: Status: Perpetuity Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	952	2	602200 230500
48	Water Abstractions Operator: F E Williamson Fruit Farms Licence Number: 8/37/25/*S/0173 Permit Version: 100 Location: Park Lane Farm To Res 1 Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 March Authorised End: 30 September Permit Start Date: 1st April 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NW (N)	952	2	602200 230500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Water Abstractions Operator: J.K. Everett Esq Licence Number: 8/37/25/*i/176 Permit Version: Not Supplied Location: Broomhanger, C Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity 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 10m	A9SW (SE)	958	2	602900 228600
50	Water Abstractions Operator: Cox Landscapes Limited Licence Number: 8/37/25/*g/025 Permit Version: Not Supplied Location: Plains Farm, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Unspecified Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): 15 Yearly Rate (m3): 173000 Details: E chalk; Status: Time Limit 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 10m	A7SE (SW)	965	2	602000 228605
50	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*G/0025 Permit Version: 101 Location: B/H At Plains Farm, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Plains Farm, Ardleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	2	602000 228600
50	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*G/0025 Permit Version: 101 Location: B/H At Plains Farm, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Anti Frost Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Plains Farm, Ardleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	2	602000 228600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*G/0025 Permit Version: 101 Location: B/H At Plains Farm, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Plains Farm, Ardeleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	2	602000 228600
50	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*G/0025 Permit Version: 101 Location: B/H At Plains Farm, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Plains Farm, Ardeleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	2	602000 228600
50	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*G/0025 Permit Version: 100 Location: B/H At Plains Farm, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	2	602000 228600
50	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*G/0025 Permit Version: 100 Location: B/H At Plains Farm, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	2	602000 228600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*G/0025 Permit Version: 100 Location: B/H At Plains Farm, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	2	602000 228600
50	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*G/0025 Permit Version: 100 Location: B/H At Plains Farm, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Anti Frost Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	2	602000 228600
50	Water Abstractions Operator: Cox Landscapes Ltd Licence Number: 8/37/25/*G/0025 Permit Version: 100 Location: B/H At Plains Farm, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Anti Frost Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: E chalk; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd January 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	970	2	602000 228600
51	Water Abstractions Operator: P G Rix (Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 103 Location: Park Lane Farm To Res 2-Point A Authority: Environment Agency, Anglian 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: Park Lane Farm, Langham, Colchester Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (N)	983	2	602100 230500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Water Abstractions Operator: Williamson (Fruit Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 102 Location: Park Lane Farm To Res 2-Point A Authority: Environment Agency, Anglian 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: Park Lane Farm, Langham, Colchester Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (N)	983	2	602100 230500
51	Water Abstractions Operator: Williamson (Fruit Farms) Ltd Licence Number: 8/37/25/*S/0173 Permit Version: 101 Location: Park Lane Farm To Res 2 Authority: Environment Agency, Anglian 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: Park Lane Farm, Langham, Colchester Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 20th December 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (N)	983	2	602100 230500
51	Water Abstractions Operator: F E Williamson Fruit Farms Licence Number: 8/37/25/*S/0173 Permit Version: 100 Location: Park Lane Farm To Res 2 Authority: Environment Agency, Anglian 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: Status: Perpetuity Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (N)	983	2	602100 230500
	Water Abstractions Operator: T G Hurley Licence Number: 8/37/25/*G/0038 Permit Version: 100 Location: Harts Lane, Ardleigh.(A) Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	1027	2	603100 230400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: T G Hurley Licence Number: 8/37/25/*G/0038 Permit Version: 100 Location: Harts Lane, Ardleigh.(B) Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	1027	2	603100 230400
	Water Abstractions Operator: M & A Southgate Licence Number: 8/37/25/*G/0026 Permit Version: 100 Location: 3 Wells, Harveys Farm-Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4NW (S)	1143	2	602900 228400
	Water Abstractions Operator: Elaine Marian Smith And Dawn Smith Licence Number: 8/37/25/*G/0223 Permit Version: 102 Location: Harts Lane, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harts Lane Ardleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st January 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1151	2	603500 230140
	Water Abstractions Operator: E & N Smith Licence Number: 8/37/25/*G/0223 Permit Version: 101 Location: Harts Lane, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harts Lane Ardleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1151	2	603500 230140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr & Mrs N R Smith Licence Number: 8/37/25/*G/0223 Permit Version: 100 Location: Harts Lane, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SW (NE)	1151	2	603500 230140
	Water Abstractions Operator: F.E. Williamson (Fruit Farms) Licence Number: 8/37/25/**/173 Permit Version: Not Supplied Location: Park Lane Farm To , Reservoir Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 62 Yearly Rate (m3): 787000 Details: Status: Perpetuity 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 10m	A19NE (NE)	1163	2	603200 230495
	Water Abstractions Operator: F.E. Williamson (Fruit Farms) Licence Number: 8/37/25/**/173 Permit Version: Not Supplied Location: Park Lane Farm To , Reservoir Authority: Environment Agency, Anglian Region Abstraction: Transfer Water Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 62 Yearly Rate (m3): 787000 Details: Status: Perpetuity 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 10m	A19NE (NE)	1166	2	603205 230495
	Water Abstractions Operator: F.E. Williamson (Fruit Farms) Licence Number: 8/37/25/**/173 Permit Version: Not Supplied Location: Park Lane Farm To , Reservoir Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 62 Yearly Rate (m3): 787000 Details: Status: Perpetuity 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 10m	A19NE (NE)	1167	2	603200 230500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr & Mrs N R Smith Licence Number: 8/37/25/*G/0223 Permit Version: 100 Location: Harts Lane, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SW (NE)	1168	2	603500 230175
	Water Abstractions Operator: Elaine Marian Smith And Dawn Smith Licence Number: 8/37/25/*G/0223 Permit Version: 102 Location: Harts Lane, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harts Lane Ardleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st January 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1171	2	603500 230180
	Water Abstractions Operator: E & N Smith Licence Number: 8/37/25/*G/0223 Permit Version: 101 Location: Harts Lane, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harts Lane Ardleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1171	2	603500 230180
	Water Abstractions Operator: Elaine Marian Smith And Dawn Smith Licence Number: 8/37/25/*G/0223 Permit Version: 102 Location: Harts Lane, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harts Lane Ardleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st January 2022 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1179	2	603490 230210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: E & N Smith Licence Number: 8/37/25/*G/0223 Permit Version: 101 Location: Harts Lane, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Harts Lane Ardeleigh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1179	2	603490 230210
	Water Abstractions Operator: Mr & Mrs N R Smith Licence Number: 8/37/25/*G/0223 Permit Version: 100 Location: Harts Lane, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1179	2	603490 230210
	Water Abstractions Operator: P C Sharpe Licence Number: 8/37/25/*G/0202 Permit Version: 100 Location: Harts Lane, Ardeleigh. Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1218	2	603600 230095
	Water Abstractions Operator: P C Sharpe Licence Number: 8/37/25/*G/0202 Permit Version: 100 Location: Harts Lane, Ardeleigh. Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20SW (NE)	1220	2	603600 230100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J S Blyth & Sons Ltd Licence Number: 8/37/25/*S/0290 Permit Version: 100 Location: Wick Farm Reservoir, Ardeleigh Authority: Environment Agency, Anglian 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: Status: Perpetuity Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NW (E)	1249	2	603700 229100
	Water Abstractions Operator: J S Blyth & Sons Ltd Licence Number: 8/37/25/*S/0290 Permit Version: 100 Location: Wick Farm Reservoir, Ardeleigh Authority: Environment Agency, Anglian 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: Status: Perpetuity Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (E)	1249	2	603700 229100
	Water Abstractions Operator: J S Blyth & Sons Ltd Licence Number: 8/37/25/*S/0290 Permit Version: 100 Location: Wick Farm Reservoir, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (E)	1249	2	603700 229100
	Water Abstractions Operator: M.N. & A.T. Southgate, Licence Number: 8/37/25/*s/027 Permit Version: Not Supplied Location: Ardeleigh Reservoir, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 7 Yearly Rate (m3): 454000 Details: Status: Perpetuity 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 10m	A4NW (SE)	1273	2	603000 228300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J S Blyth & Sons Ltd Licence Number: 8/37/25/*S/0290 Permit Version: 100 Location: Ardleigh Reservoir, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NW (SE)	1282	2	603700 229000
	Water Abstractions Operator: J.S. Blyth & Sons Ltd., Licence Number: 8/37/25/*s/152 Permit Version: Not Supplied Location: Ardleigh Wick Farm, WALTON Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 5 Yearly Rate (m3): 309000 Details: Status: Revoked 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 10m	A10NW (SE)	1282	2	603700 229000
	Water Abstractions Operator: J.S. Blyth & Sons Ltd Licence Number: 8/37/25/*s/290 Permit Version: Not Supplied Location: Ardleigh Reservoir , ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 35 Yearly Rate (m3): 1728000 Details: Status: Perpetuity 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 10m	A10NW (SE)	1284	2	603700 228995
	Water Abstractions Operator: W J Wragg Licence Number: 8/37/25/*G/0139 Permit Version: 100 Location: Harts Lodge, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19NE (NE)	1296	2	603400 230500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J.S. Blyth & Sons Ltd., Licence Number: 8/37/25/*g/151 Permit Version: Not Supplied Location: Hill House Farm, Walton, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 10 Yearly Rate (m3): 9000 Details: Glacial Sand and Gravel; Status: Revoked 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	A4NE (SE)	1321	2	603400 228500
	Water Abstractions Operator: W J Wragg Licence Number: 8/37/25/*G/0139 Permit Version: 100 Location: Harts Lodge, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1370	2	603400 230600
	Water Abstractions Operator: H. Woods Esq., Licence Number: 8/37/25/*g/218 Permit Version: Not Supplied Location: Old Barn Farm, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well Daily Rate (m3): 9 Yearly Rate (m3): 259000 Details: Glacial Sand and Gravel; Status: Revoked 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 10m	A20SE (E)	1435	2	603900 229900
	Water Abstractions Operator: G R B Morgan Licence Number: 8/37/25/*G/0065 Permit Version: 100 Location: Gods House Farm, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Fluvial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st December 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1441	2	603600 230500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J.S. Blyth & Sons Ltd., Licence Number: 8/37/25/*g/151 Permit Version: Not Supplied Location: Fountains Farm, Walton, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 10 Yearly Rate (m3): 2000 Details: Glacial Sand and Gravel; Status: Revoked 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	A15SE (E)	1491	2	604000 229500
	Water Abstractions Operator: B D Abbott Licence Number: 8/37/25/*G/0074 Permit Version: 100 Location: Mayo Hse(B),Crown La.,Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (SE)	1496	2	603100 228100
	Water Abstractions Operator: B D Abbott Licence Number: 8/37/25/*G/0074 Permit Version: 100 Location: Mayo Hse(A),Crown La.,Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (SE)	1496	2	603100 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee, Licence Number: 8/37/25/*i/213 Permit Version: Not Supplied Location: Salary Brook, ARDLEIGH (WEIR) Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity 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 10m	A15NE (E)	1514	2	604000 229800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Norman And Mead Ltd Licence Number: 8/37/25/*G/0098 Permit Version: 100 Location: Fox Street, Ardleigh (B) Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SW (S)	1600	2	602800 227900
	Water Abstractions Operator: Ardleigh Reservoir Committee, Licence Number: 8/37/25/*i/213 Permit Version: Not Supplied Location: Salary Brook, ARDLEIGH (BANK) Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity 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 10m	A15NE (E)	1613	2	604100 229800
	Water Abstractions Operator: J.S. Blyth & Sons Ltd Licence Number: 8/37/25/*s/290 Permit Version: Not Supplied Location: Wick Farm Reservoir, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 35 Yearly Rate (m3): 1728000 Details: Status: Perpetuity 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 10m	A10SE (SE)	1683	2	604000 228695
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175/W Permit Version: 2 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th June 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175/W Permit Version: 2 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th June 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175/W Permit Version: 1 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175/W Permit Version: 1 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175/W Permit Version: 1 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175 Permit Version: 103 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175 Permit Version: 103 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175 Permit Version: 103 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175 Permit Version: 102 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175 Permit Version: 102 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175 Permit Version: 102 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Ardleigh Reservoir Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175 Permit Version: 101 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 11th November 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175 Permit Version: 101 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: Potable Water Supply - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5SW (SE)	1695	2	603500 228100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ardleigh Reservoir Committee Licence Number: 8/37/25/*S/0175 Permit Version: 101 Location: Abstraction From Salary Brook, Ardleigh Res. Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th November 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5SW (SE)	1695	2	603500 228100
	Water Abstractions Operator: G R B Morgan Licence Number: 8/37/25/*G/0168 Permit Version: 100 Location: Gods House Farm, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st December 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SE (NE)	1738	2	603900 230600
	Water Abstractions Operator: J S Blyth & Sons Ltd Licence Number: 8/37/25/*S/0290 Permit Version: 100 Location: Ardleigh Reservoir, Ardleigh Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 June Authorised End: 30 September Permit Start Date: 1st May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1800	2	604300 229700
	Water Abstractions Operator: Norman And Mead Ltd Licence Number: 8/37/25/*G/0098 Permit Version: 100 Location: Fox Street, Ardleigh (A) Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st October 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1816	2	602900 227700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: S Paris Licence Number: 8/36/18/*G/0011 Permit Version: 100 Location: Birchwood, Dedham Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 March Authorised End: 31 August Permit Start Date: 1st April 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24NE (NE)	1819	2	603300 231200
	Water Abstractions Operator: C F Barker Licence Number: 8/37/25/*G/0029 Permit Version: 100 Location: Pyghtle Poultry Farm, Ardeleigh Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1827	2	604300 229900
	Water Abstractions Operator: Mr. B. Wallis, Licence Number: 8/37/25/*I/187 Permit Version: Not Supplied Location: Whaley Farm, ARDLEIGH Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity 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 10m	(E)	1849	2	604301 230001
	Water Abstractions Operator: Ardeleigh Reservoir Committee Licence Number: 8/37/25/*I/333 Permit Version: Not Supplied Location: Salary Brook At, Ardeleigh Reservoir Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity 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 10m	A5SW (SE)	1854	2	603495 227905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Low	A13SE (E)	0	5	602455 229517
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (E)	0	5	602455 229517
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SE (E)	0	5	602455 229517
52	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SE (E)	0	2	602455 229517
	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				
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	542	6	601945 229174
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 283.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SW (E)	555	6	603033 229293
55	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 883.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A8NW (S)	575	6	602290 228914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	580	6	601939 229120
57	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 70.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A8NW (SW)	589	6	602120 228964
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: Underground Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A8NW (SW)	589	6	602123 228963
59	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 91.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	610	6	602052 228980
60	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 47.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	610	6	602052 228980
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	647	6	601962 229000
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	655	6	602040 228934
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 219.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18SE (NE)	663	6	602765 230173
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	680	6	601915 228999

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	683	6	601914 228995
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	683	6	601914 228995
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 279.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NE (N)	691	6	602656 230239
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A19SW (NE)	709	6	602881 230165
69	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: Colne Essex Primacy: 1	A19SW (NE)	711	6	602852 230184
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A19SW (NE)	713	6	602859 230182
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A19SW (NE)	714	6	602855 230185
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 396.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A19SW (NE)	722	6	602903 230165
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A12SW (W)	740	6	601654 229374

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	743	6	601838 228988
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 201.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	745	6	601834 228988
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A7NE (SW)	745	6	601859 228961
77	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: Colne Essex Primacy: 1	A7NE (SW)	745	6	601863 228959
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 387.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A12NW (W)	747	6	601712 229811
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	760	6	603266 229403
80	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 172.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NW (N)	765	6	602341 230337
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.0 Watercourse Level: Underground Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A7NW (SW)	768	6	601686 229172
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A7NW (SW)	768	6	601684 229176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NW (N)	775	6	602401 230353
84	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 33.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	778	6	603286 229474
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	780	6	603285 229394
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 212.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NW (N)	781	6	602393 230359
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	786	6	603292 229401
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	786	6	603292 229401
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	788	6	603291 229386
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A12SW (W)	798	6	601612 229296
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	817	6	603312 229326

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A12SW (W)	828	6	601572 229334
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9SW (SE)	830	6	602986 228796
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A12SW (W)	832	6	601568 229336
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9SW (SE)	832	6	602997 228801
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9SW (SE)	847	6	602993 228781
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NE (N)	871	6	602683 230418
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 389.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A12SW (W)	881	6	601504 229491
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A12SW (W)	881	6	601504 229491
100	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 72.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9SW (SE)	893	6	602999 228728

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 639.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A12SW (W)	899	6	601494 229373
102	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 112.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NW (N)	899	6	602195 230443
103	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 53.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NW (N)	902	6	602212 230451
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9SW (SE)	930	6	602972 228668
105	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 71.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9SW (SE)	934	6	602967 228661
106	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NW (N)	940	6	602232 230495
107	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NW (N)	943	6	602230 230497
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A18NW (N)	944	6	602229 230499
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	946	6	603429 229253

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A19SE (NE)	952	6	603283 230112
111	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 321.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	958	6	603440 229250
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A19SE (NE)	970	6	603290 230132
113	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 423.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Salary Brook Catchment Name: Colne Essex Primacy: 1	A9SW (SE)	971	6	602930 228600
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A7SE (SW)	980	6	601990 228593

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	Licensed Waste Management Facilities (Locations) Licence Number: 102064 Location: Old Ipswich Road, Ardleigh, Colchester, Essex, CO7 7QR Operator Name: Sewells Reservoir Construction Limited Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Management of inert or extractive waste at mine Licence Status: Modified Issued: 19th November 2010 Last Modified: 15th October 2014 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (N)	125	2	602509 229692
116	Licensed Waste Management Facilities (Locations) Licence Number: 404749 Location: Crown Quarry, Old Ipswich Road, Ardleigh, Essex, CO7 7QR Operator Name: Sewells Reservoir Construction Limited Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Treatment of waste to produce soil <75,000 tpy Licence Status: Issued Issued: 2nd May 2018 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	A13NE (E)	183	2	602688 229533
	Local Authority Landfill Coverage Name: Tendring District Council - Has no landfill data to supply		0	7	602455 229517
	Local Authority Landfill Coverage Name: Essex County Council - Has supplied landfill data		0	8	602455 229517
	Local Authority Landfill Coverage Name: Colchester Borough Council - Has no landfill data to supply		150	3	602278 229608
117	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A13SW (SW)	156	-	602270 229384
118	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1986	A7SE (SW)	896	-	601847 228774
119	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1966	A7NW (SW)	762	-	601769 229043
120	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1966	A12SW (W)	769	-	601669 229210
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1966	A12SW (W)	797	-	601612 229298
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1966	A12SW (W)	835	-	601564 229341
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1966	A7NW (SW)	846	-	601611 229151

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	Explosive Sites Name: Dynamic Fireworks Ltd Location: The Old Powerhouse, Lodge Lane, Langham, Essex Status: Not Active Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	700	9	601761 229805
125	Explosive Sites Name: Old Langham Airfield/Dynamic Fireworks Ltd Location: Old Langham Airfield, Lodge Lane, COLCHESTER, Essex Status: Active Positional Accuracy: Manually positioned within the geographical locality	A17SW (NW)	802	9	601697 229901
126	Explosive Sites Name: Old Langham Airfield/Colchester Borough Council Location: Dynamic Fireworks Limited, Lodge Lane, Colchester, E Status: Not Active Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	891	9	601571 229850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13SE (E)	0	1	602455 229517
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A13SE (E)	0	1	602455 229517
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A14SW (E)	384	1	602892 229434
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A8NW (S)	473	1	602255 229032
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 20 - 40 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A9NE (SE)	973	1	603358 229000
127	BGS Recorded Mineral Sites Site Name: Crown Quarry Location: Ardleigh, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 227093 Type: Opencast Status: Dormant Operator: Src Aggregates Operator Location: Not Supplied Periodic Type: Quaternary Geology: Kesgrave Catchment Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (E)	90	1	602595 229545
128	BGS Recorded Mineral Sites Site Name: Crown Inn Clay Pit Location: Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 179525 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	191	1	602242 229364

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	BGS Recorded Mineral Sites Site Name: Crown Quarry Location: Ardleigh, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 120821 Type: Opencast Status: Active Operator: Src Aggregates Operator Location: Not Supplied Periodic Type: Quaternary Geology: Kesgrave Catchment Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (E)	295	1	602800 229425
130	BGS Recorded Mineral Sites Site Name: Crown Quarry Location: Ardleigh, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 227094 Type: Opencast Status: Dormant Operator: Src Aggregates Operator Location: Not Supplied Periodic Type: Quaternary Geology: Kesgrave Catchment Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	399	1	602865 229295
131	BGS Recorded Mineral Sites Site Name: Crown Quarry Location: Ardleigh, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 227095 Type: Opencast Status: Dormant Operator: Src Aggregates Operator Location: Not Supplied Periodic Type: Quaternary Geology: Kesgrave Catchment Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	429	1	602830 229190
132	BGS Recorded Mineral Sites Site Name: Crown Quarry Location: Ardleigh, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 227096 Type: Opencast Status: Dormant Operator: Src Aggregates Operator Location: Not Supplied Periodic Type: Quaternary Geology: Kesgrave Catchment Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	683	1	603110 229150
133	BGS Recorded Mineral Sites Site Name: Ardleigh Gravel Pit Location: Ardleigh, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 227100 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Quaternary Geology: Kesgrave Catchment Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	711	1	602965 228930
134	BGS Recorded Mineral Sites Site Name: Wick Farm Location: Ardleigh, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 226592 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Kesgrave Catchment Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	865	1	603314 229160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	BGS Recorded Mineral Sites Site Name: Ardleigh Gravel Pit Location: Ardleigh, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 227101 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Quaternary Geology: Kesgrave Catchment Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	875	1	603100 228830
136	BGS Recorded Mineral Sites Site Name: Crown Quarry Location: Ardleigh, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 227097 Type: Opencast Status: Dormant Operator: Src Aggregates Operator Location: Not Supplied Periodic Type: Quaternary Geology: Kesgrave Catchment Subgroup Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	882	1	603235 228975
137	BGS Recorded Mineral Sites Site Name: Plane'S Farm Brick Field Location: Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 180308 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	961	1	601819 228713
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	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: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	602455 229517
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	65	1	602321 229515
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	213	1	602719 229442
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	602455 229517
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	602455 229517
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	602455 229517
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	44	1	602438 229623

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	179	1	602489 229752
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	602455 229517
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	65	1	602321 229515
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	213	1	602719 229442
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	602455 229517
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	74	1	602581 229456
	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 (E)	0	1	602455 229517
	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 (E)	0	1	602455 229517

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	Contemporary Trade Directory Entries Name: D T E Scaffolding & Safety Netting Ltd Location: Dte Scaffolding, Old Ipswich Road, Ardleigh, CO7 7QR Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	37	-	602477 229609
138	Contemporary Trade Directory Entries Name: D T E Scaffolding & Safety Netting Ltd Location: Dte Scaffolding, Old Ipswich Road, Ardleigh, CO7 7QR Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	37	-	602477 229609
139	Contemporary Trade Directory Entries Name: Colchester Recoverys Location: CROWN FARM, OLD IPSWICH ROAD, ARDLEIGH, COLCHESTER, CO7 7QR Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	48	-	602473 229419
140	Contemporary Trade Directory Entries Name: A1 Servicing Location: New Bungalow, Turnpike Close, Ardleigh, Colchester, Essex, CO7 7QW Classification: Asphalt & Coated Macadam Laying Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	123	-	602274 229541
140	Contemporary Trade Directory Entries Name: Bagaway Location: Turnpike Cl, Langham, Colchester, Essex, CO4 5LZ Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (W)	150	-	602248 229548
141	Contemporary Trade Directory Entries Name: Binco Location: Broad View, Langham Lodge Lane, Langham, Colchester, CO4 5NA Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	278	-	602116 229557
142	Contemporary Trade Directory Entries Name: Agri-Mix Ltd Location: Turnpike Close, Langham, Colchester, CO4 5LZ Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	341	-	602072 229357
143	Contemporary Trade Directory Entries Name: Fearnley Motors Location: Old Ipswich Road, Ardleigh, Colchester, CO7 7QR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	417	-	602210 229112
143	Contemporary Trade Directory Entries Name: Fearnley Motors Location: Old Ipswich Road, Ardleigh, COLCHESTER, CO7 7QR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	417	-	602210 229112
143	Contemporary Trade Directory Entries Name: Fearnley Motors Location: Old Ipswich Road, Ardleigh, Colchester, CO7 7QR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	418	-	602211 229110
144	Contemporary Trade Directory Entries Name: P R M Commercials Location: Blue Barn Garage, Old Ipswich Road, Ardleigh, Colchester, CO7 7QL Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	475	-	602637 230020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	Contemporary Trade Directory Entries Name: Eastwood Sales Ltd Location: Unit 8a Lodge La, Langham, Colchester, Essex, CO4 5NA Classification: Bakery Equipment Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	571	-	601895 229782
146	Contemporary Trade Directory Entries Name: Flying Logistics Sea Freight Ltd Location: FREIGHT CENTRE, SYSTEMATIC BUSINESS PARK, OLD IPSWICH ROAD, ARDLEIGH, COLCHESTER, CO7 7QL Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	571	-	602735 230086
147	Contemporary Trade Directory Entries Name: Eyre Location: Crown Business Centre, Old Ipswich Road, Ardleigh, Colchester, Essex, CO7 7QR Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	598	-	602119 228954
148	Contemporary Trade Directory Entries Name: Systematic Logistics Location: Old Ipswich Road, Ardleigh, Colchester, Essex, CO7 7QL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	610	-	602790 230104
148	Contemporary Trade Directory Entries Name: S L I Ltd Location: Old Ipswich Road, Ardleigh, Colchester, CO7 7QL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	619	-	602780 230118
148	Contemporary Trade Directory Entries Name: Sli - Systematic Logistics International Location: Logistics House, Systematic Business Park, Old Ipswich Road, Ardleigh, Colchester, CO7 7QL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	621	-	602794 230113
148	Contemporary Trade Directory Entries Name: Palletways Colchester Location: Logistics House, Systematic Business Park, Old Ipswich Road, Ardleigh, Colchester, CO7 7QL Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	621	-	602794 230113
149	Contemporary Trade Directory Entries Name: Lion Marketing Ltd Location: Willow Lodge, Old Ipswich Road, Ardleigh, Colchester, CO7 7QR Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	638	-	602256 228860
150	Contemporary Trade Directory Entries Name: F C L Global Forwarding Ltd Location: Lodge Park, Lodge Lane, Langham, Colchester, Essex, CO4 5NE Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	648	-	601854 229861
150	Contemporary Trade Directory Entries Name: Texet International Ltd Location: Lodge House, Lodge Lane, Langham, Colchester, CO4 5NE Classification: Chemicals & Allied Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	680	-	601829 229880
151	Contemporary Trade Directory Entries Name: A & S Aggregates Ltd Location: Old Ipswich Road, Ardleigh, Colchester, CO7 7QR Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	690	-	602093 228865

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	Contemporary Trade Directory Entries Name: Sirius Uk Location: Unit 11, Lodge La, Langham, Colchester, Essex, CO4 5ND Classification: Hydraulic Engineers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (NW)	723	-	601745 229824
153	Contemporary Trade Directory Entries Name: M & C Diesel Services Ltd Location: Lodge Lane, Langham, Colchester, CO4 5NE Classification: Diesel Fuel Injection Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	752	-	601776 229931
153	Contemporary Trade Directory Entries Name: M & C Diesel Location: Lodge Lane, Langham, Colchester, CO4 5NE Classification: Diesel Engine Equipment & Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	752	-	601776 229931
153	Contemporary Trade Directory Entries Name: S R L Engineering Location: Lodge Lane, Langham, COLCHESTER, CO4 5NE Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	753	-	601784 229946
153	Contemporary Trade Directory Entries Name: Chapelwood Location: Lodge Lane, Langham, Colchester, CO4 5NE Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	756	-	601750 229899
153	Contemporary Trade Directory Entries Name: Sirius Location: Unit 11 Lodge La Ind Est, Langham, Colchester, Essex, CO4 5ND Classification: Hose, Tubing & Fittings Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SW (NW)	756	-	601747 229894
154	Contemporary Trade Directory Entries Name: Essex Triumph Location: Unit 3, Lodge Lane, Langham, Colchester, CO4 5NE Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A17SW (NW)	841	-	601672 229934
154	Contemporary Trade Directory Entries Name: Anchor Motors Location: Lodge Lane, Langham, Colchester, CO4 5NE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	844	-	601693 229972
154	Contemporary Trade Directory Entries Name: Essex Triumph Location: Langham, CO4 5NE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	850	-	601690 229979
154	Contemporary Trade Directory Entries Name: T E Syrett Location: Lodge Lane, Langham, COLCHESTER, CO4 5NE Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	854	-	601687 229981
155	Contemporary Trade Directory Entries Name: Durrant Engineering Ltd Location: Lodge Lane, Langham, Colchester, CO4 5NE Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	846	-	601699 229985
156	Contemporary Trade Directory Entries Name: R Bullock Precision Engineering Ltd Location: Lodge Lane, Langham, Colchester, CO4 5NE Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	847	-	601630 229872

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	Contemporary Trade Directory Entries Name: Glyn Hopkin Location: Ipswich Road, Colchester, CO4 9TF Classification: Car Customisation & Conversion Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	849	-	601941 228766
157	Contemporary Trade Directory Entries Name: Glyn Hopkins Location: Ipswich Road, Colchester, CO4 9TF Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	849	-	601941 228766
157	Contemporary Trade Directory Entries Name: Glyn Hopkins Location: Ipswich Road, Colchester, CO4 9TF Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	849	-	601941 228766
157	Contemporary Trade Directory Entries Name: Glyn Hopkin Honda Colchester Location: Ipswich Road, Colchester, CO4 9TF Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	849	-	601941 228766
157	Contemporary Trade Directory Entries Name: Glyn Hopkin Mitsubishi Colchester Location: Ipswich Road, Colchester, CO4 9TF Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	849	-	601941 228766
157	Contemporary Trade Directory Entries Name: Glyn Hopkin Kia Colchester Location: IPSWICH ROAD, COLCHESTER, CO4 9TF Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	849	-	601941 228766
157	Contemporary Trade Directory Entries Name: Glyn Hopkin Mitsubishi Colchester - Aftersales Location: GLYN HOPKIN, IPSWICH ROAD, COLCHESTER, CO4 9TF Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	849	-	601941 228766
157	Contemporary Trade Directory Entries Name: Colchester Mitsubishi Location: Ipswich Rd, Colchester, Essex, CO4 9TF Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	853	-	601940 228762
158	Contemporary Trade Directory Entries Name: Cooper Colchester B M W Location: Ipswich Road, Colchester, CO4 9TD Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	918	-	601879 228724
159	Contemporary Trade Directory Entries Name: Inchcape B M W Location: Ipswich rd, Colchester, Essex, CO4 9TD Classification: Car Dealers Status: Active Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	988	-	601840 228666
160	Fuel Station Entries Name: P R M Commercials Hgv Location: Ipswich Road , Ardeigh , Colchester, Essex, CO7 7QL Brand: Pace Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A18SE (N)	474	-	602637 230019
161	Points of Interest - Commercial Services Name: Fearnley Motors Location: Old Ipswich Road, Ardeigh, Colchester, CO7 7QR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (SW)	417	10	602210 229112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	Points of Interest - Commercial Services Name: Fearnley Motors Location: Old Ipswich Road, Ardleigh, CO7 7QR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (SW)	418	10	602211 229110
162	Points of Interest - Commercial Services Name: P R M Commercials Location: Blue Barn Garage, Old Ipswich Road, Ardleigh, Colchester, CO7 7QL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	475	10	602637 230020
162	Points of Interest - Commercial Services Name: P R M Commercials Location: Blue Barn Garage, Old Ipswich Road, Ardleigh, CO7 7QL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	475	10	602637 230020
163	Points of Interest - Commercial Services Name: Flying Logistics Sea Freight Ltd Location: Freight Centre Systematic Business Park, Old Ipswich Road, Ardleigh, CO7 7QL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SE (NE)	571	10	602735 230086
163	Points of Interest - Commercial Services Name: Systematic Logistics Location: Old Ipswich Road, Ardleigh, Colchester, CO7 7QL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SW (NE)	610	10	602790 230104
163	Points of Interest - Commercial Services Name: Palletways Colchester Location: Logistics House Systematic Business Park, Old Ipswich Road, Ardleigh, Colchester, CO7 7QL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SW (NE)	620	10	602793 230113
164	Points of Interest - Commercial Services Name: F C L Global Forwarding Ltd Location: Lodge Park, Lodge Lane, Langham, Colchester, CO4 5NE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SE (NW)	648	10	601854 229861
165	Points of Interest - Commercial Services Name: M & C Diesel Services Ltd Location: Lodge Lane, Langham, Colchester, CO4 5NE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	752	10	601775 229929
166	Points of Interest - Commercial Services Name: Anchor Motors Location: Unit 7, Lodge Lane, Langham, CO4 5NE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	844	10	601693 229972
166	Points of Interest - Commercial Services Name: Essex Triumph Location: Unit 6, Lodge Lane, Langham, CO4 5NE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	850	10	601690 229979
167	Points of Interest - Manufacturing and Production Name: The Colchester Centre Location: Suite 4 and 5 The Cedars, Old Ipswich Road, Langham, CO7 7QR Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A13SW (SW)	392	10	602122 229200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	Points of Interest - Manufacturing and Production Name: Cobb Europe Ltd Location: The Oaks, Old Ipswich Road, Ardleigh, Colchester, CO7 7QR Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	A8NW (SW)	401	10	602159 229159
168	Points of Interest - Manufacturing and Production Name: Business Park Location: CO7 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	575	10	602783 230067
168	Points of Interest - Manufacturing and Production Name: Blue Barns Business Park Location: CO7 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	639	10	602847 230103
169	Points of Interest - Manufacturing and Production Name: Workings Location: CO7 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	632	10	603075 229194
170	Points of Interest - Manufacturing and Production Name: Poultry House Location: CO4 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	666	10	602122 230163
171	Points of Interest - Manufacturing and Production Name: James Blyth Location: Wick Farm, Wick Lane, Ardleigh, Colchester, CO7 7RE Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A14NE (E)	778	10	603283 229545
172	Points of Interest - Manufacturing and Production Name: Workings Location: CO7 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	828	10	603255 229115
173	Points of Interest - Manufacturing and Production Name: Tank Location: CO7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	848	10	602953 230283
174	Points of Interest - Manufacturing and Production Name: Workings Location: CO7 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	989	10	603398 229041
175	Points of Interest - Public Infrastructure Name: Binco Location: Broad View, Langham Lodge Lane, Langham, Colchester, CO4 5NA Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13NW (W)	278	10	602116 229557

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	Ancient Woodland Name: Kiln Wood Reference: 1117049 Area(m ²): 43993 Type: Ancient and Semi-Natural Woodland	A12SW (W)	623	11	601763 229515
177	Ancient Woodland Name: Kiln Wood Reference: 1117049 Area(m ²): 27501.44 Type: Plantation on Ancient Woodland	A12NW (W)	677	11	601742 229698
178	Ancient Woodland Name: Birch Wood Reference: 1117073 Area(m ²): 106716.13 Type: Ancient and Semi-Natural Woodland	A19NW (NE)	819	11	602819 230321
179	Nitrate Vulnerable Zones Name: Sandlings And Chelmsford Description: Groundwater Source: Environment Agency, Head Office	A13SE (E)	0	5	602455 229517
180	Nitrate Vulnerable Zones Name: Salary Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (E)	0	5	602455 229517

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Babergh District Council - Environmental Services Environment Agency - Head Office Tendring District Council - Environmental Services Colchester Borough Council - Environmental Health Department	January 2020 June 2020 March 2014 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	July 2023	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control Colchester Borough Council - Environmental Health Department Tendring District Council - Environmental Services Babergh District Council - Environmental Services	December 2014 December 2015 June 2014	Variable Variable Variable
Local Authority Pollution Prevention and Controls Colchester Borough Council - Environmental Health Department Tendring District Council - Environmental Services Babergh District Council - Environmental Services	December 2014 December 2015 June 2014	Not Applicable Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements Colchester Borough Council - Environmental Health Department Tendring District Council - Environmental Services Babergh District Council - Environmental Services	December 2014 December 2015 June 2014	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2023	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area	July 2023 July 2023	Quarterly Quarterly
Water Abstractions Environment Agency - Anglian Region	April 2023	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified

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










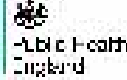


Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Eastern Area	July 2023	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Eastern Area	January 2023	Quarterly
Local Authority Landfill Coverage Babergh District Council - Environmental Services Colchester Borough Council - Environmental Health Department Essex County Council Suffolk County Council Tendring District Council	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Babergh District Council - Environmental Services Colchester Borough Council - Environmental Health Department Essex County Council Suffolk County Council Tendring District Council	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Anglian Region - Eastern Area	March 2006	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Eastern Area	April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Eastern Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Suffolk County Council - Environment and Transport Colchester Borough Council Essex County Council Babergh District Council - Planning Department Tendring District Council	February 2006 February 2016 February 2016 March 2023 May 2023	Annual Rolling Update Variable Variable Variable Variable
Planning Hazardous Substance Consents Suffolk County Council - Environment and Transport Babergh District Council - Planning Department Colchester Borough Council Essex County Council Tendring District Council	February 2006 February 2016 February 2016 February 2016 January 2016	Annual Rolling Update Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually

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

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

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATIONAL GEOSCIENCE CENTRE
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATIONAL INSTITUTE FOR RESEARCH IN ECOSYSTEMS
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	Colchester Borough Council - Environmental Health Department P O Box 889, Town Hall, Colchester, Essex, CO1 1FL	Telephone: 01206 282222 Fax: 01206 282598 Website: www.colchester.gov.uk
4	Tendring District Council - Environmental Services Council Offices, Weeley, Clacton-on-sea, Essex, CO16 9AJ	Telephone: 01255 425501 Fax: 01225 253149 Website: www.tendringdc.gov.uk
5	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
7	Tendring District Council The Council, Weeley, Clacton-On-Sea, Essex, CO16 9AJ	Telephone: 01255 830455 Fax: 01255 256114 Website: www.tendringdc.gov.uk
8	Essex County Council County Hall, Chelmsford, Essex, CM1 1YS	Telephone: 01245 492211 Website: www.essexcc.gov.uk
9	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
10	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
11	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	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.

Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Ms R Foord, Compass Geotechnical Limited, 13 Willow Park Industrial Estate, Stoke Golding, CV13 6EU

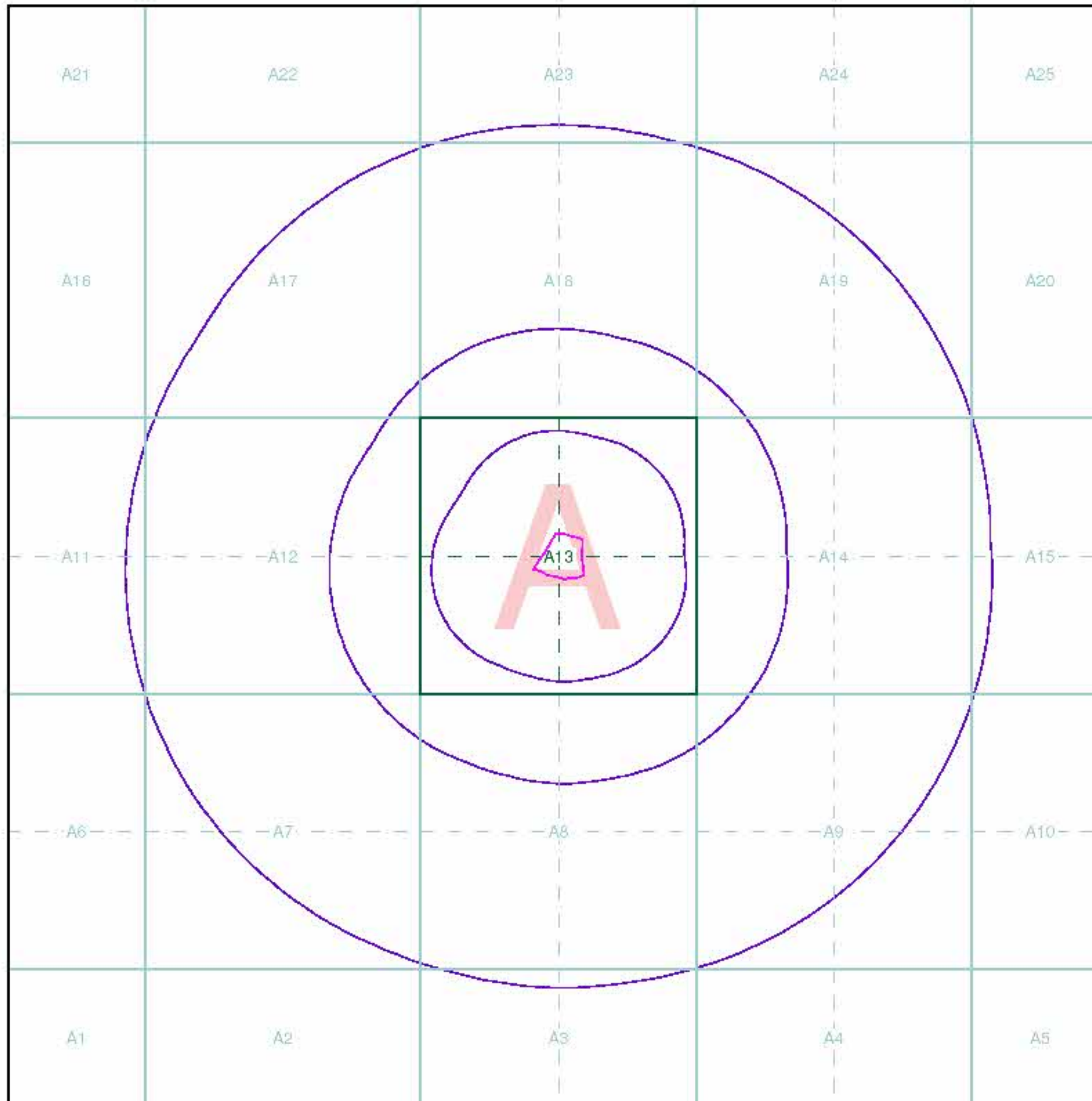
Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

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<http://www.landmarkinfo.co.uk/Terms/Show/515>



Historical Mapping Legends

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

	Quarry		Gravel Pit		Sand Pit
	Clay Pit		Mound		Lime Kiln
	Slating Masonry		Flint Wall		
	Marsh		Heath		Oaks
	Rough Pasture		Luzes		Wood
	Moorland		Rough Pasture		Orchard
	High Cliff		Sea Cliff		Slipping Stones
	Empire		Waterfall		Bank
	Top Station		Elevation at Top of Station		
	Ranch Mark		Surface Road		
	Area Boundary Toward Water		Antiquities (site of)		
	Cutting		Embankment		
	Subway crossing Road		Level Crossing		Road crossing Railway
	Subway crossing River or Canal		Rail over single track		Road over River or Canal
	County Boundary (Geographical)		County & Civil Parish Boundary		
	Administrative County & Civil Parish Boundary		County Borough Boundary (England)		
	County Borough Boundary (Scotland)		County Borough Boundary (Wales)		

B.P.	Boundary Post Stone	W.S.	Water Well
B.R.	Rail Road	Z.	Plant
B.P.	Railway Post	Z.P.	Signal Post
F.P.	Farm Path	S.	Stone
F.P.	Farm Path	Sr.	Spring
G.P.	Grade Post Stone	St.C.	Telephone Call Box
M.S.	Mile Stone	T.	Trench
M.F. or M.	Mining Post or Peg	T.	Tail

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

	Inactive Quarry		Active Quarry
	Rail		Foul Road
	Cliff		Slopes
	Roofed Building		Glazed Roof Building
	Siding		Archway
	Non-Continuous Trees (not surveyed)		Continuous Trees (not surveyed)
	Cottages		Rocks
	Copied Ore		Roads
	Rough Grassland		Heath
	Direction of water flow		Ranch Mark
	Cave Entrance		Tribulation Station
	Electricity Transmission Line		Electricity Pylon
	Course Boundary (Geographical)		
	County & Civil Parish Boundary		
	Civil Parish Boundary		
	Administrative County & Civil Parish Boundary		
	London Borough Boundary		
	Symbol marking point where boundary markings change		

SI	School	F	Farm, Farm Post
SP/RA	Roadside Farm/Stone	FL	Farm Linn
CR/C	Capital Crane	FC	Public Convenience
Chy	Chimney	FM	Public House
U.H.	Utility House	F	Farm
R.P.	Railway Post Office	SR/SR	Signal Box or Post
TL	Traction Line	SS/SL	Signal Post/Light
SP	Sea Pier	Sr	Spring
CP	Coal Pit	T	Tank or Truck
L	Lighthouse	TL	Telephone Call Box
L.S.	Lime Covering	T.P.	Telephone Call Post
HL	Hill	T	Trench
CP	Coal Pit	W.P./W	Water Post/Water Tap
NZ	Nile Zone	W	Well
WT	Water Treatment Works	WP	Water Pump

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

	Cliff		Slopes
	Rock		Rocks (scattered)
	Boulders		Boulders (scattered)
	Disturbed Boulder		Screen
	Non-Continuous Trees (not surveyed)		Continuous Trees (not surveyed)
	Non-Continuous trees (not surveyed)		Continuous trees (not surveyed)
	Orchard tree		Scrub
	Coppice tree		Bracken
	Coppice tree		Marsh/Sedges
	Rough Grassland		Heath
	Direction of water flow		Tribulation Station
	Electricity Transmission Line		Electricity Pylon
	Boundary		Building with Building Seed
	Roofed Building		Glazed Roof Building
	Community boundary		
	District boundary		
	County boundary		
	Boundary post stone		
	Boundary marking symbol (this always appears in pairs, either on opposite sides of the line)		

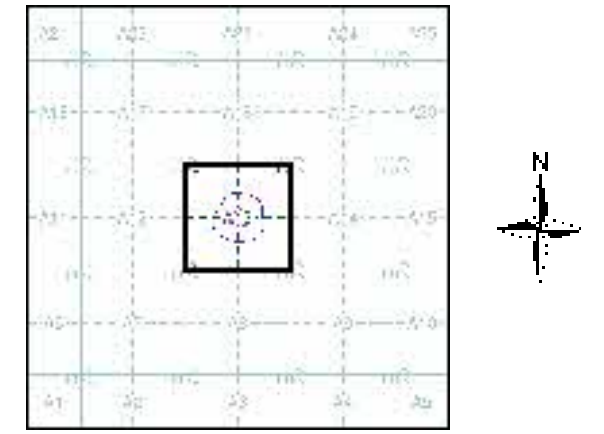
Dk	Dam	F	Farm, Farm Post
Py	Pier	FL	Farm Linn
Ca	Chimney	FC	Public Convenience
Chy	Chimney	F	Farm
Ch	Chimney	SR/SR	Signal Box or Post
Ch.G.	Chimney/Generating Station	SS/SL	Signal Post/Light
Ch.G.S.	Chimney/Generating Station	Sr	Spring
Ch.S.	Chimney/Signal Station	T	Tank or Truck
Ch.B.	Chimney	TL	Telephone Call Box
Ch.C.	Chimney/Chimney	T	Trench
Ch.G.	Chimney/Generating Station	W.P./W	Water Post/Water Tap
Ch.	Chimney	W	Well
Ch.H.	Chimney	WP	Water Pump
Ch.H.S.	Chimney/Signal Station		



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg.
Essex	1:2,500	1875	2
Essex	1:2,500	1897	3
Essex	1:2,500	1923	4
Ordnance Survey Plan	1:2,500	1963	5
Ordnance Survey Plan	1:2,500	1972	6
Additional SIMs	1:2,500	1977	7
Ordnance Survey Plan	1:2,500	1984	8
Large-Scale National Grid Data	1:2,500	1994	9
Historical Aerial Photography	1:2,500	1999	10

Historical Map - Segment A13



Order Details

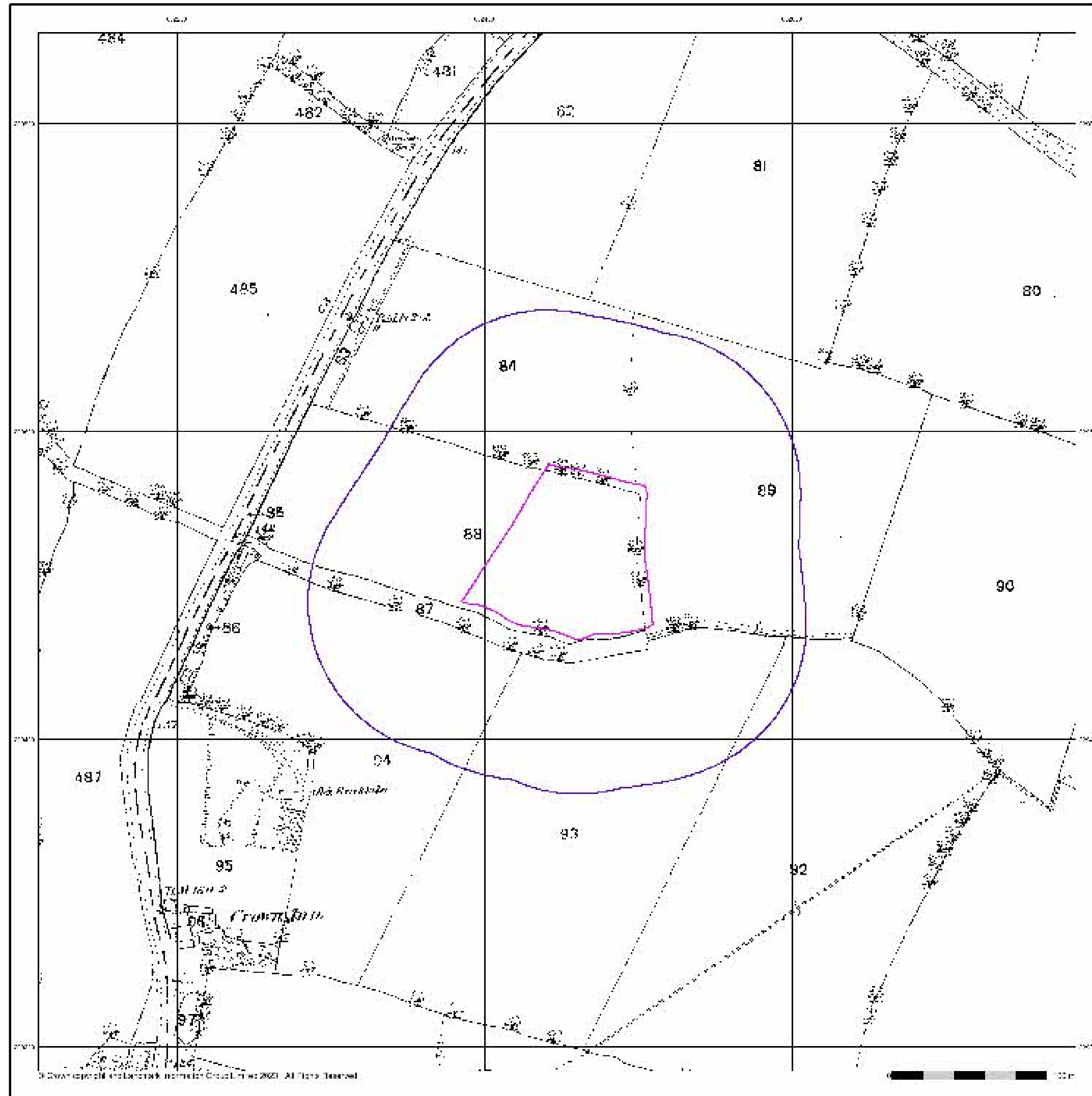
Order Number:	317693798_1_1
Customer Ref:	233063
National Grid Reference:	602460, 229520
Slice:	A
Site Area (Ha):	0.97
Search Buffer (m):	100

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW



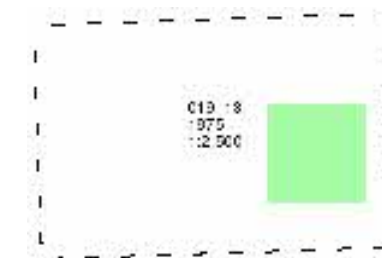
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



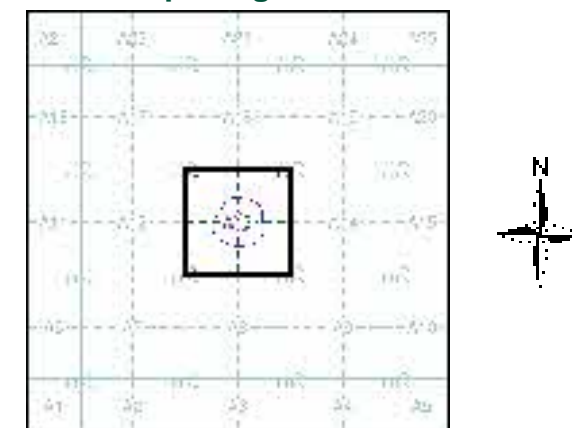
Essex
Published 1875
Source map scale - 1:2,500

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: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 100

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

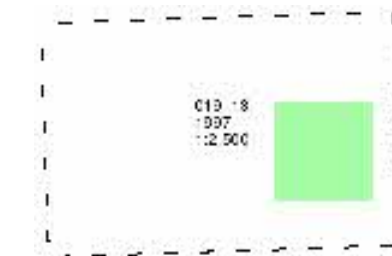
Essex

Published 1897

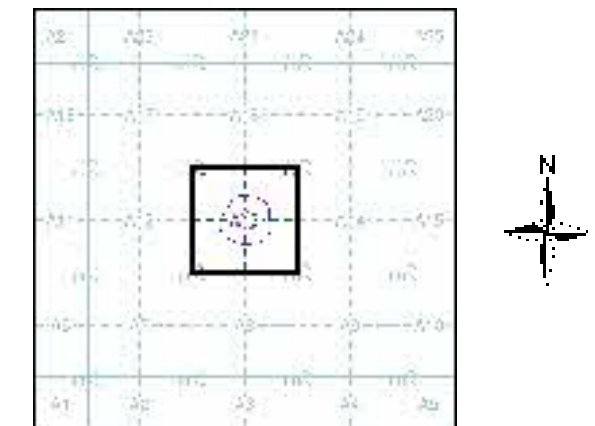
Source map scale - 1:2,500

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

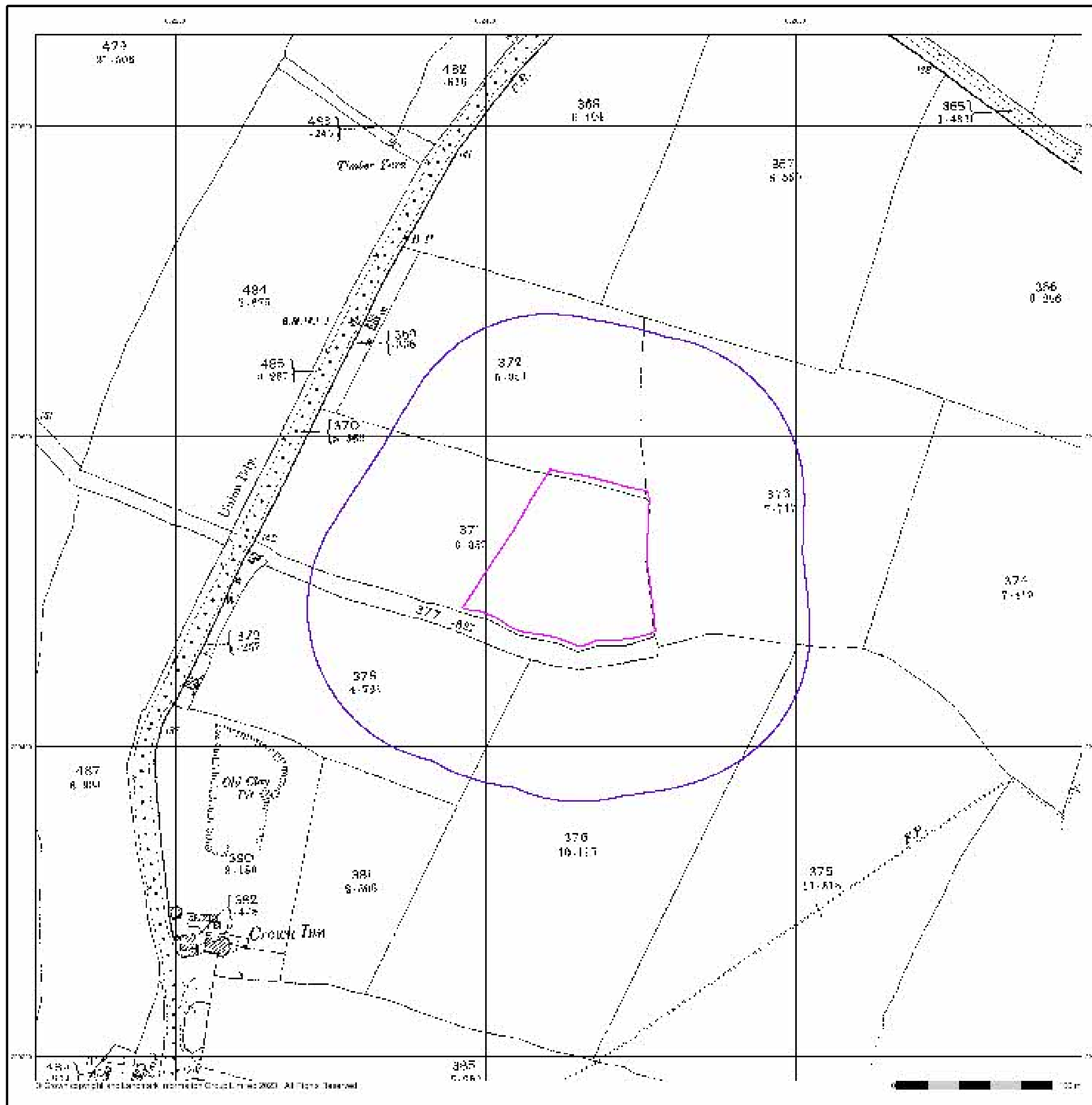


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 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 100

Site Details

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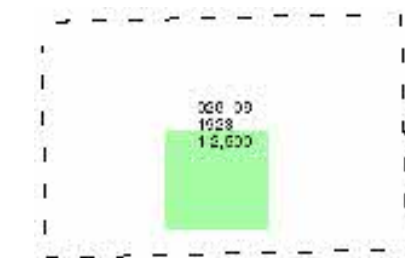
Essex

Published 1923

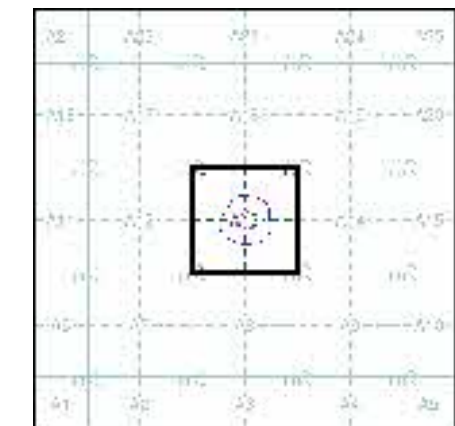
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

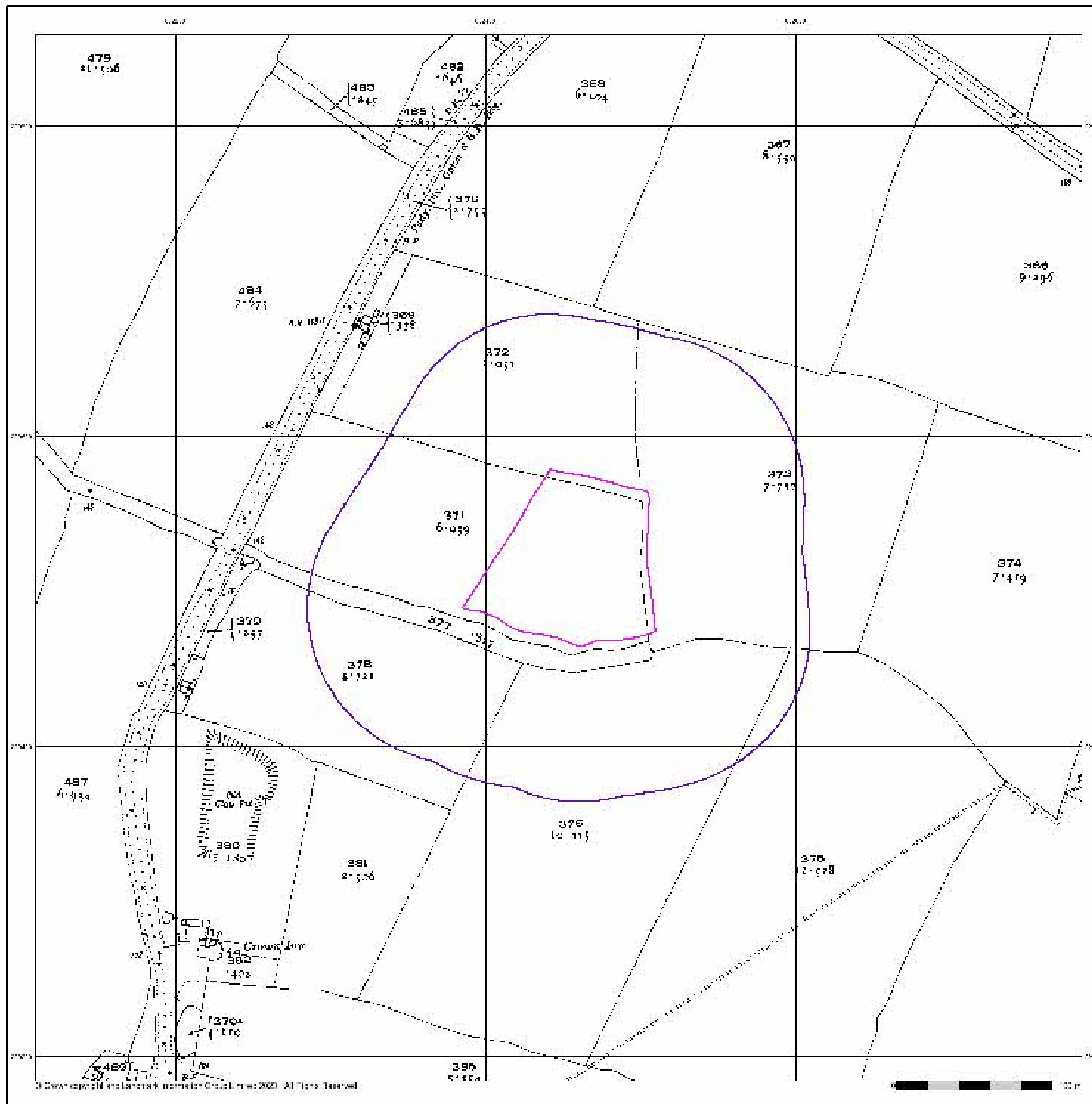


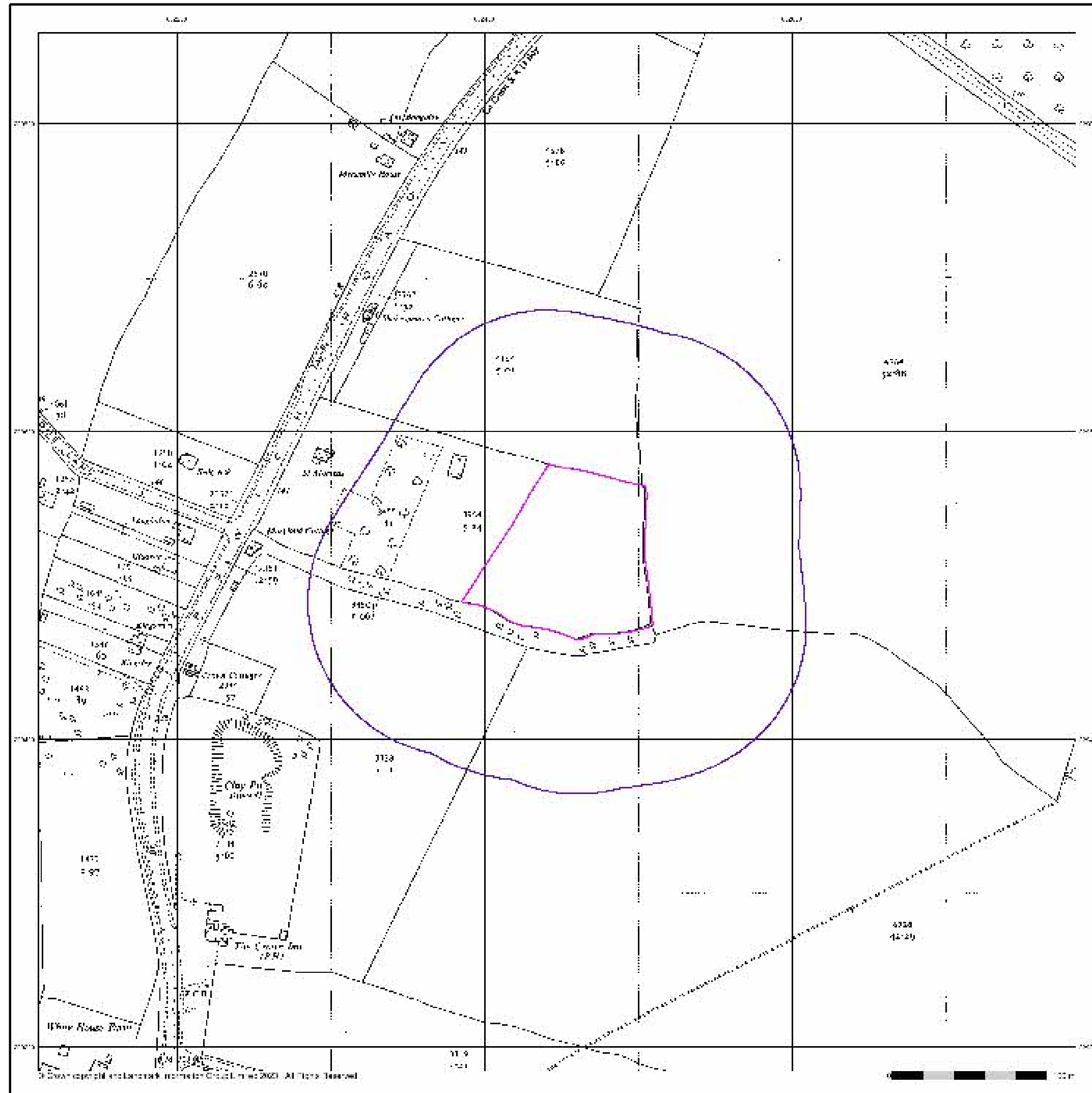
Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 100

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW





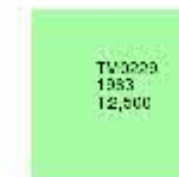
Ordnance Survey Plan

Published 1963

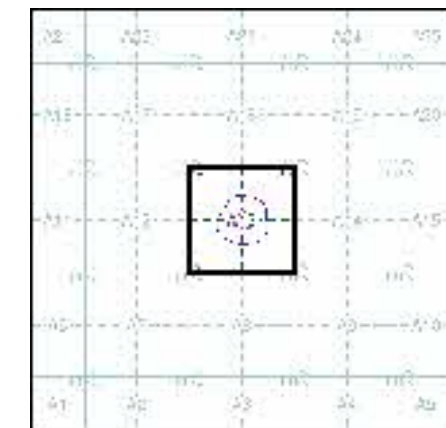
Source map scale - 1:2,500

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: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
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Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

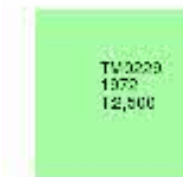
Ordnance Survey Plan

Published 1972

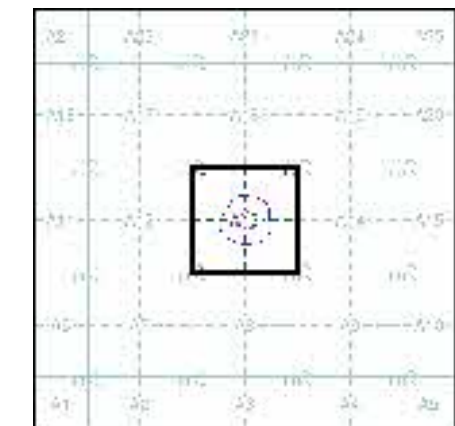
Source map scale - 1:2,500

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

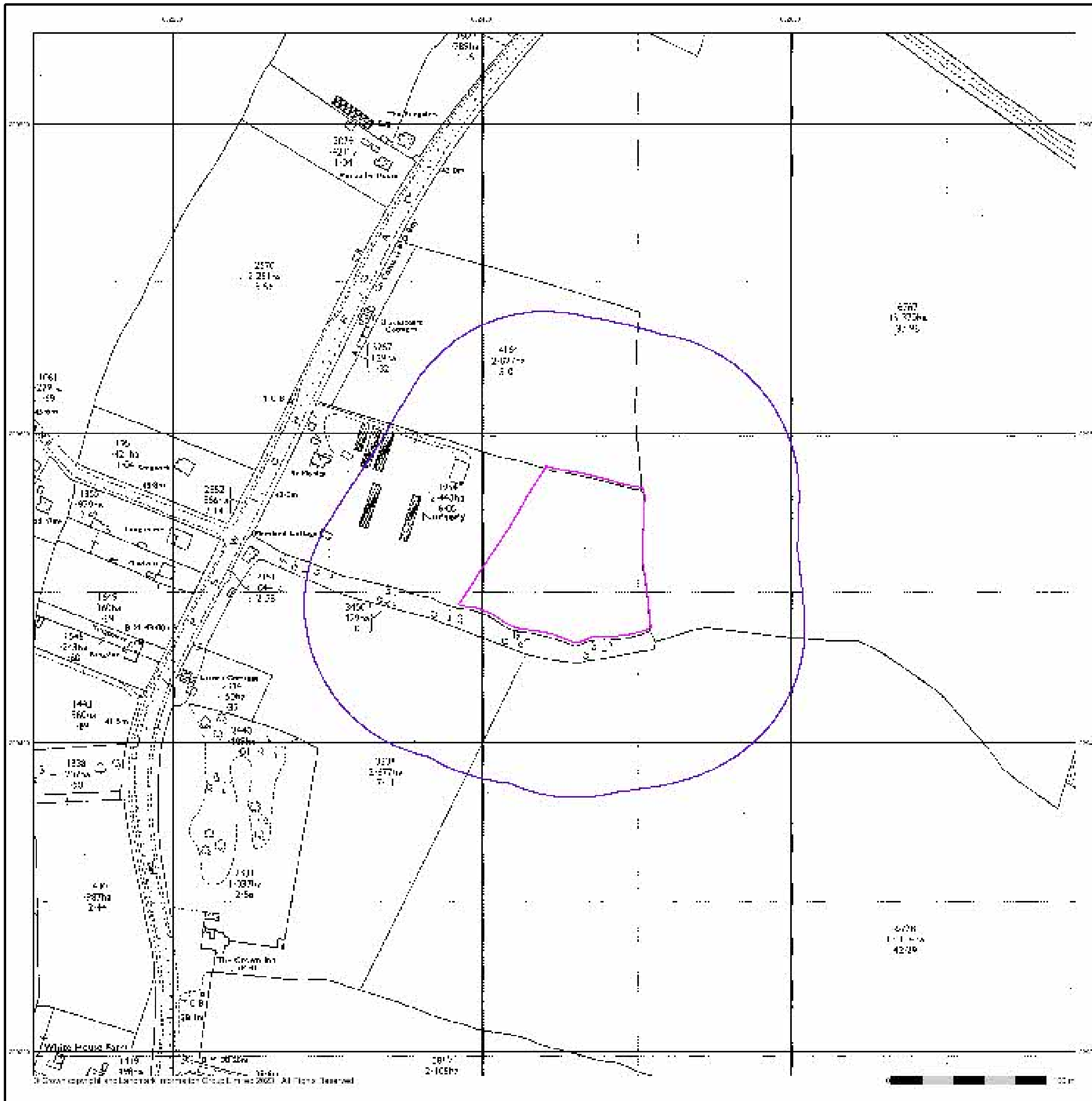


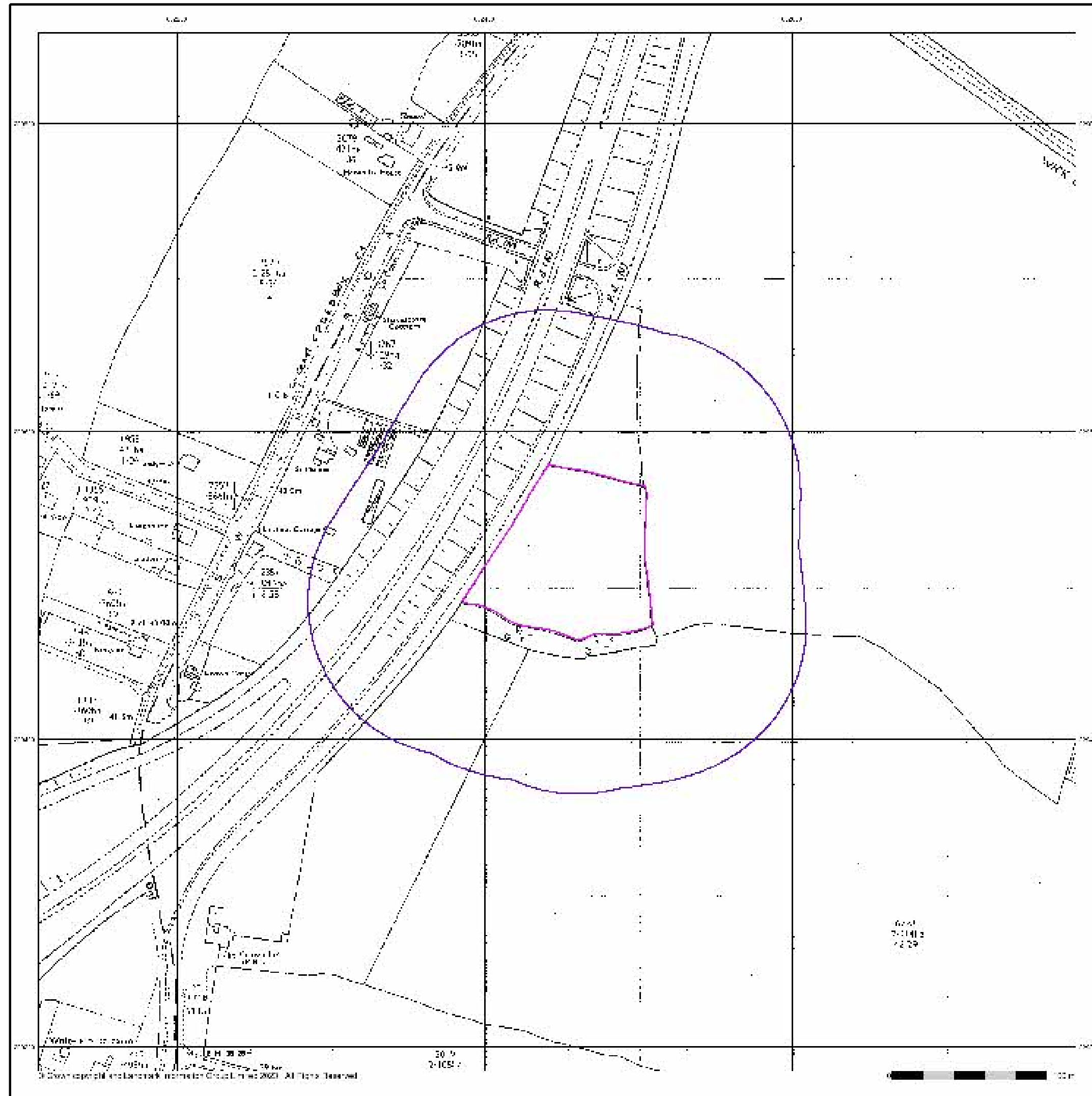
Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 100

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW





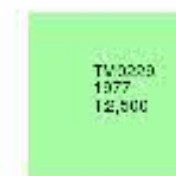
Additional SIMs

Published 1977

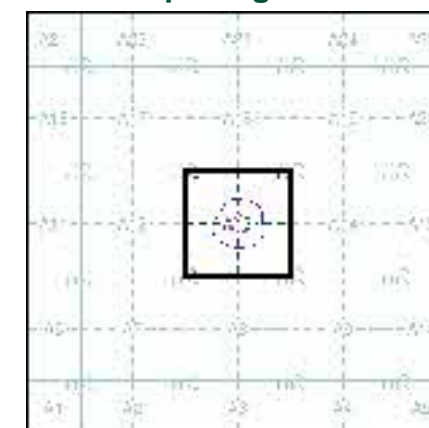
Source map scale - 1:2,500

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: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 100

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

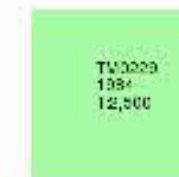
Ordnance Survey Plan

Published 1984

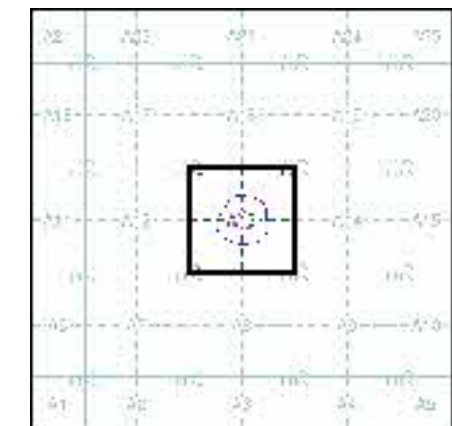
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

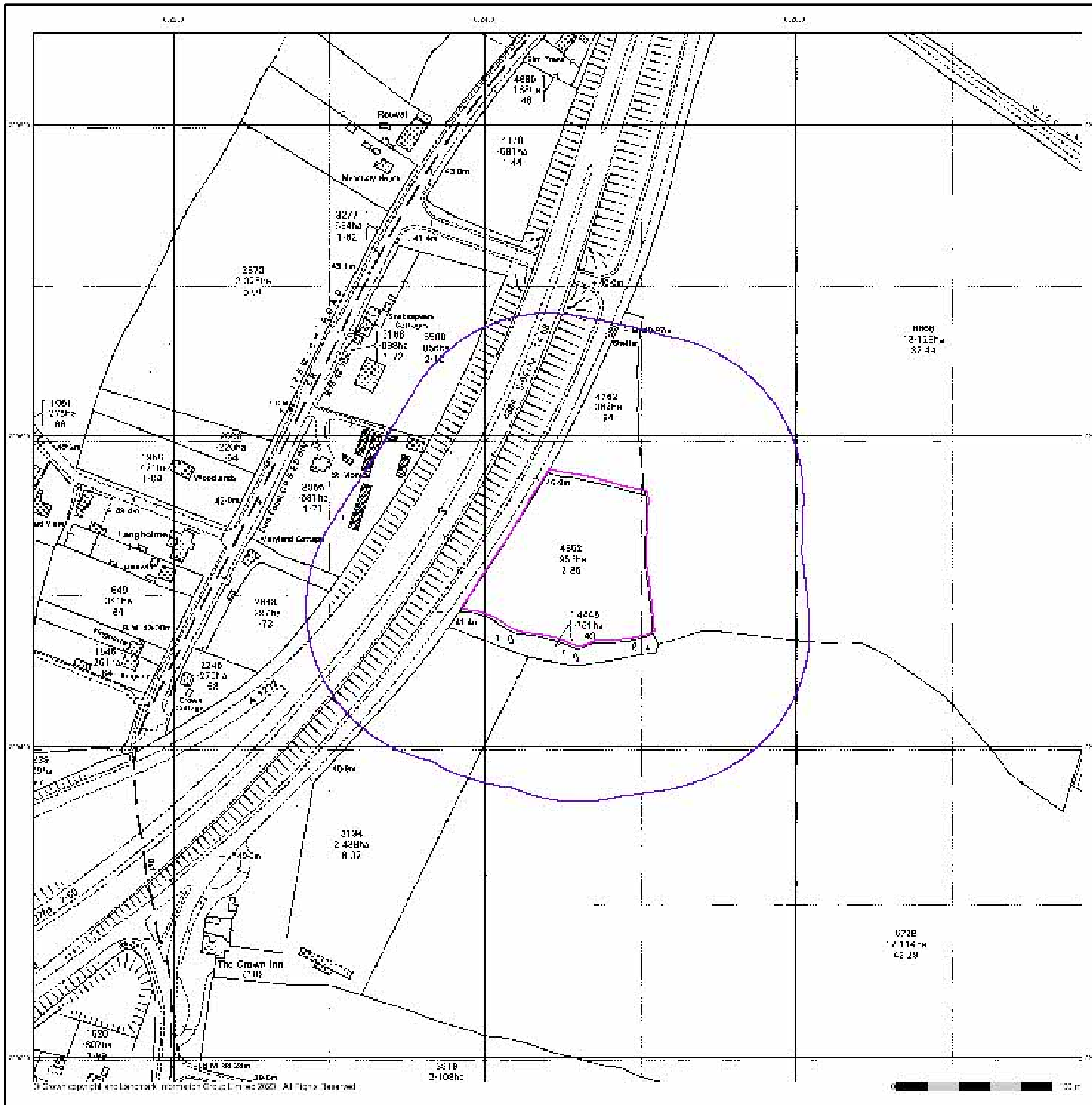


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Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW



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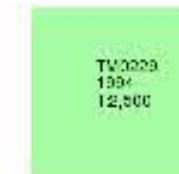
Large-Scale National Grid Data

Published 1994

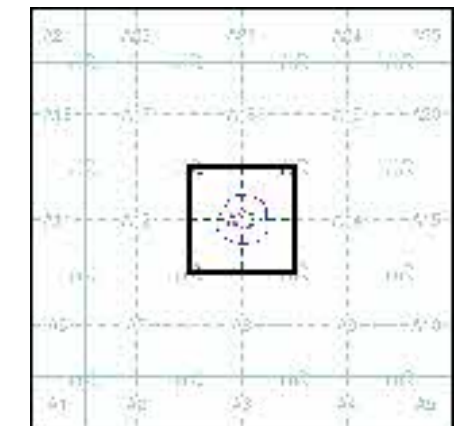
Source map scale - 1:2,500

'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

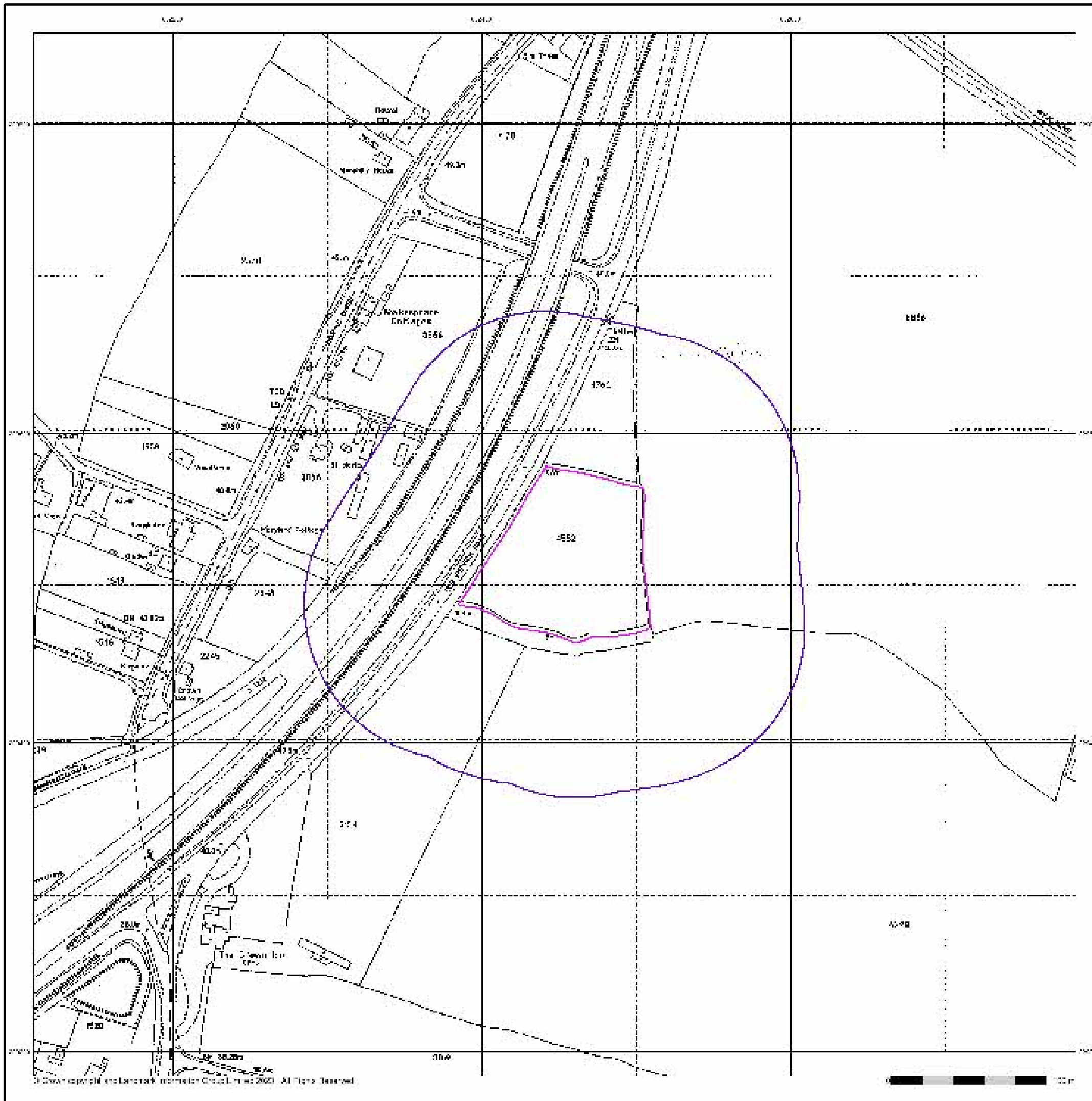


Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 100

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

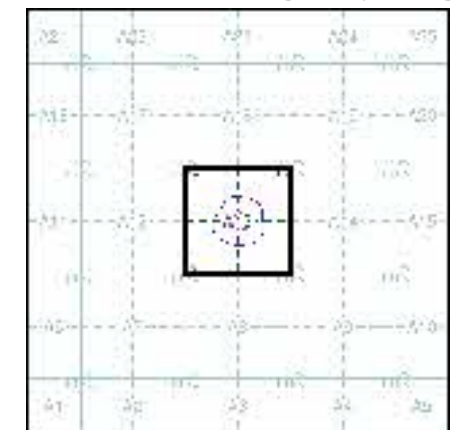


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Culvert		Roads		Marsh
	Mixed Wood		Woodlands		Broadwood
	Luzel		Rough Pasture		
	Arrow denotes low of water		Ingonometrical Station		
	Site of Antiquity		Ranch Stone		
	Dung, Quilt Tree, Signal Post		Well, Spring, Boundary Post		
	-285 Surface Level				
	Scaleless Contour		Instrumental Contour		
	Main Road		Minor Roads		
	Buried Road		Railway 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 Borough Boundary (Scotland)				
	Ward 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
	Dunee		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Dun Scrub
	Dun		Coppice
	Bracken		Wetland Heath
	Rough Grass and		Sailings
	Harbour		Roads
	Dunlinc		Diagram of flow of water
	Glasshouse		Slings
	Sailing Masonry		Fyke
	Electricity Transmission Line		Fence
	Culvert		Standard Gauge Multiple Track
	Foot Path		Standard Gauge Single Track
	Foot Lane		Siding, Trench or Mineral Line
	Foot Crossing		Narrow Gauge
	Foot Bridge		
	Geographical County		
	Administrative County Borough or County of City		
	County Borough, Urban or Rural District, Borough or Town Council		
	Research Planning County Community Development Unit or Urban Development Unit		
	Civil Parish		
	Boundary (Name or Stone)		Rail Station
	Church		Post Office
	Clock Tower		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Foot Path		Spring
	Gully Post		Telephone Call Box
	Mill Race		Telephone Call Post
	Mill Stone		Well

1:10,000 Raster Mapping

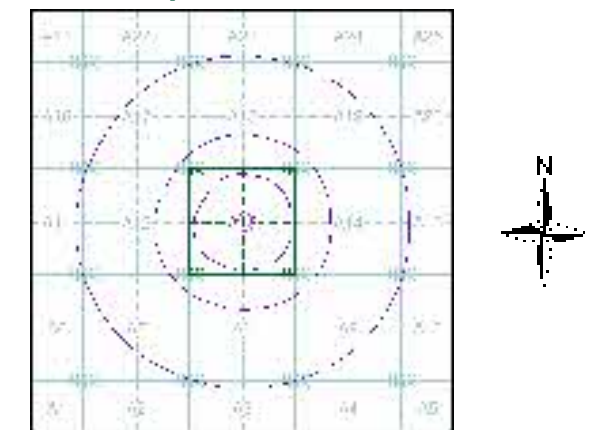
	Gravel Pit		Refuse pit or slag heap
	Rock		Track (excavated)
	Boulders		Trenches (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Gravel		Top of cliff
	General canal		Underground canal
	Overhead canal		Narrow gauge railway
	Multiple track railway		Single track railway
	County boundary (England)		Civil parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of woodland vegetation		Non-coniferous trees
	Mixed deciduous trees (not wood)		Coniferous trees
	Coniferous trees (scattered)		Palladium tree
	Orchard		Coppice or Coarse
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Seeps
	Water feature		Flood meadows
	Mean high water (spring)		Mean low water (spring)
	Telephone line (above ground)		Electricity transmission or line (with poles)
	Benchmark (white stone)		Triangular station
	Point feature (e.g. Gull Post or Mile Stone)		Fyke, Mine stack or lighting tower
	Site of Antiquity		Glasshouse
	General Building		Important Building



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:10,560	1880 - 1881	3
Essex	1:10,560	1898	4
Essex	1:10,560	1924 - 1925	5
Essex	1:10,560	1925	6
Essex	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1958	8
Ordnance Survey Plan	1:10,000	1966 - 1967	9
Colchester	1:10,000	1975	10
Ordnance Survey Plan	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1980	12
Ordnance Survey Plan	1:10,000	1986	13
10K Raster Mapping	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2023	16

Historical Map - Slice A



Order Details

Order Number: 317693798_1_1
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 Slice: A
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 Search Buffer (m): 1000

Site Details

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

Russian Military Mapping Legends

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

1. Down towards 2. From above

	Government and Administrative Buildings		Military and Industrial Buildings
	Highway and Communication Areas		Subway Entrance
	Freight Building		Former Freight Building
	Non-Freight Building		Non-Freight Building (underground)
	Factory mill and farm mill with chimneys		Factory mill and farm mill without chimneys
	Power Station (down to scale)		Hydroelectric Power Station
	Radio Station (down to scale)		Telephone Station (down to scale)
	Aerodrome (operating or former)		Overhead Cable Wire
	Railway		Oil Storage
	Tanks		Fuel Storage Tanks
	Natural Gas Tank		
	Search Mark		Drill Hole
	Small Bridge		Double-track Railroad
	Single-track Railroad		Railroad Tunnel
	Coniferous Forest		Deciduous Forest
	Mixed Forest		Scrubbed Vegetation

Russian Alphabet

А а (A)	Э э (Z)	И и (P)	У у (CH)
Б б (B)	Н н (H)	Р р (R)	Ш ш (SH)
В в (V)	О о (O)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Э э (Z)
Ё ё (YO)	Н н (H)	Х х (KH)	Ц ц (C)
Ж ж (ZH)	О о (O)	Ч ч (CH)	Ю ю (YU or U)
		Я я (YA or JA)	

1:25,000 mapping

1. Down towards 2. From above

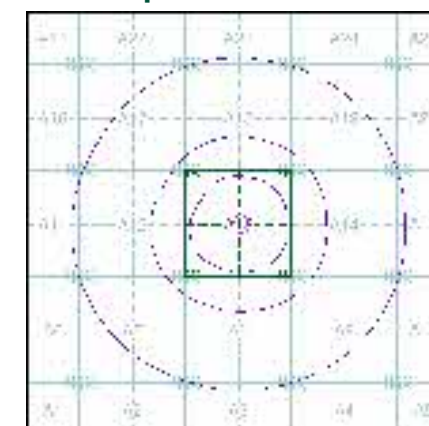
	Government and Administrative Buildings		Military and Industrial Buildings
	Highway and Communication Areas		Subway Entrance
	Partly Demolished Building		Demolished Building
	Build-Up Area with Demolished Buildings		Build-Up Area with Non-demolished Buildings
	Individual Freight Building		Former Individual Building
	Individual Dwelling		Former Individual Dwelling
	Factory Mill Chimney		Factory Mill with Chimney
	Operating Chimney		Non-Operating Chimney
	Oil Storage		Gas Storage
	Small Hydroelectric Power Station		Power Station
	Small Gas Tank		Transformer
	Search Mark		Triangulation Point
	Road Station		Road Tower
	Telegraph Office		Telephone Station
	Article of Boundary		Landing Site
	New Highway		Former Highway
	Double-track Railroad		Single-track Railroad
	River Embankment		Water Level
	Water Reservoir		Fountain
	Heavy Road		Light Road
	Concrete Line		Mortar Line
	Scrubbed Vegetation		Coniferous Forest
	Deciduous Forest		Mixed Forest
	Scrubbed Vegetation		Scrubbed Vegetation

Key to Numbers on Mapping

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:10,560	1880 - 1881	3
Essex	1:10,560	1898	4
Essex	1:10,560	1924 - 1925	5
Essex	1:10,560	1925	6
Essex	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1958	8
Ordnance Survey Plan	1:10,000	1966 - 1967	9
Colchester	1:10,000	1975	10
Ordnance Survey Plan	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1980	12
Ordnance Survey Plan	1:10,000	1986	13
10K Raster Mapping	1:10,000	1999	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2023	16

Russian Map - Slice A

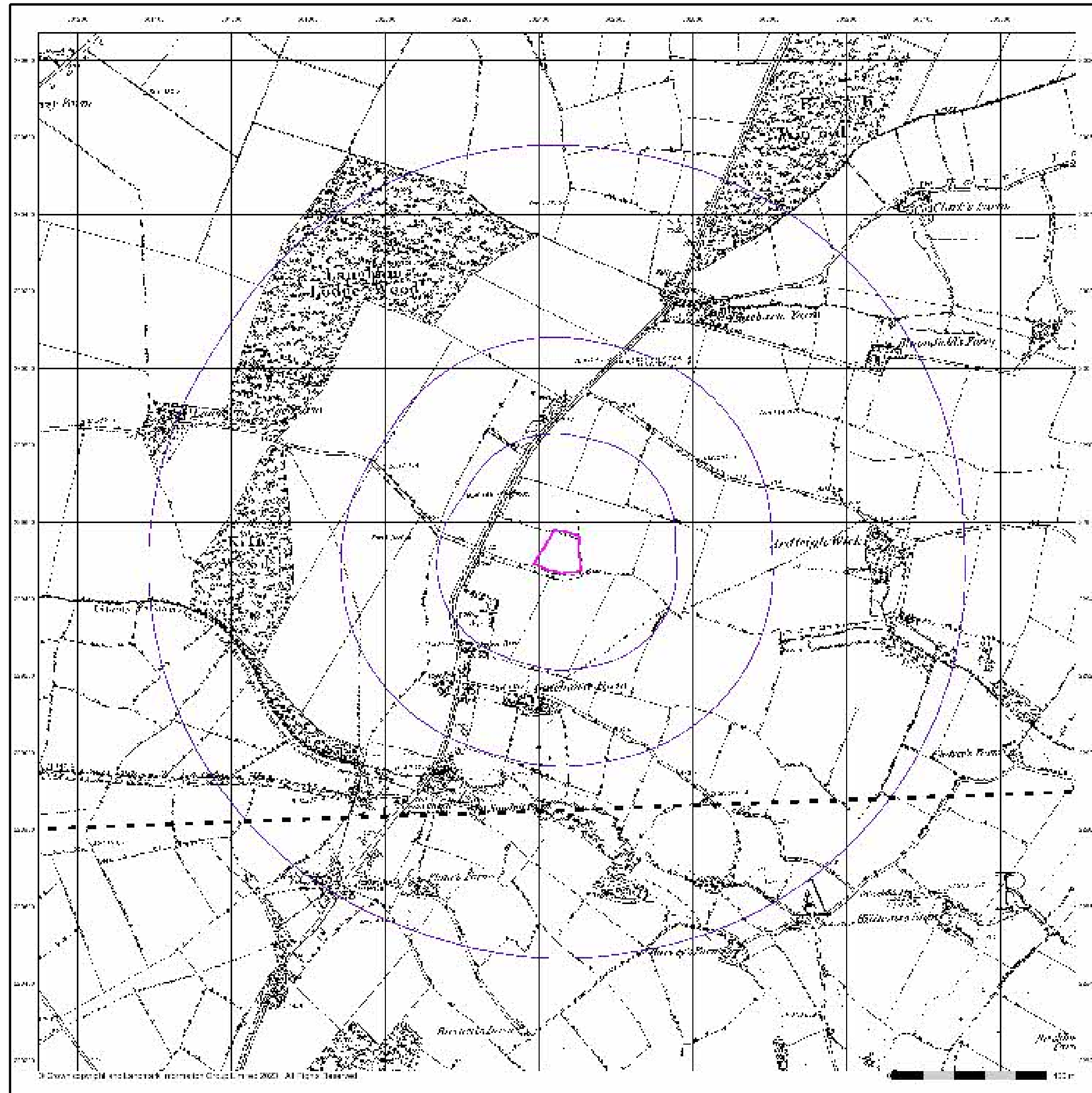


Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7WQ



Essex

Published 1880 - 1881

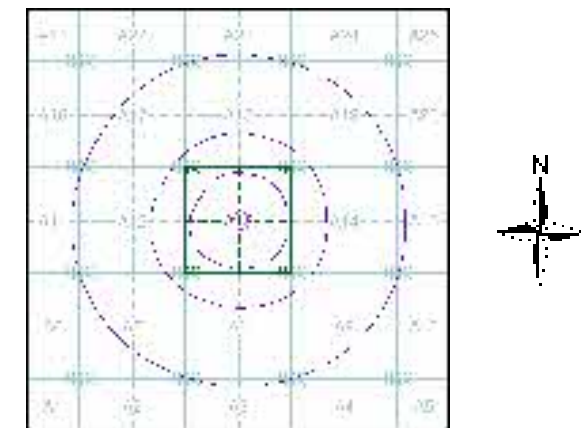
Source map scale - 1:10,560

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)

01500	1680	1:10,560
02900	1821	1:10,560

Historical Map - Slice A

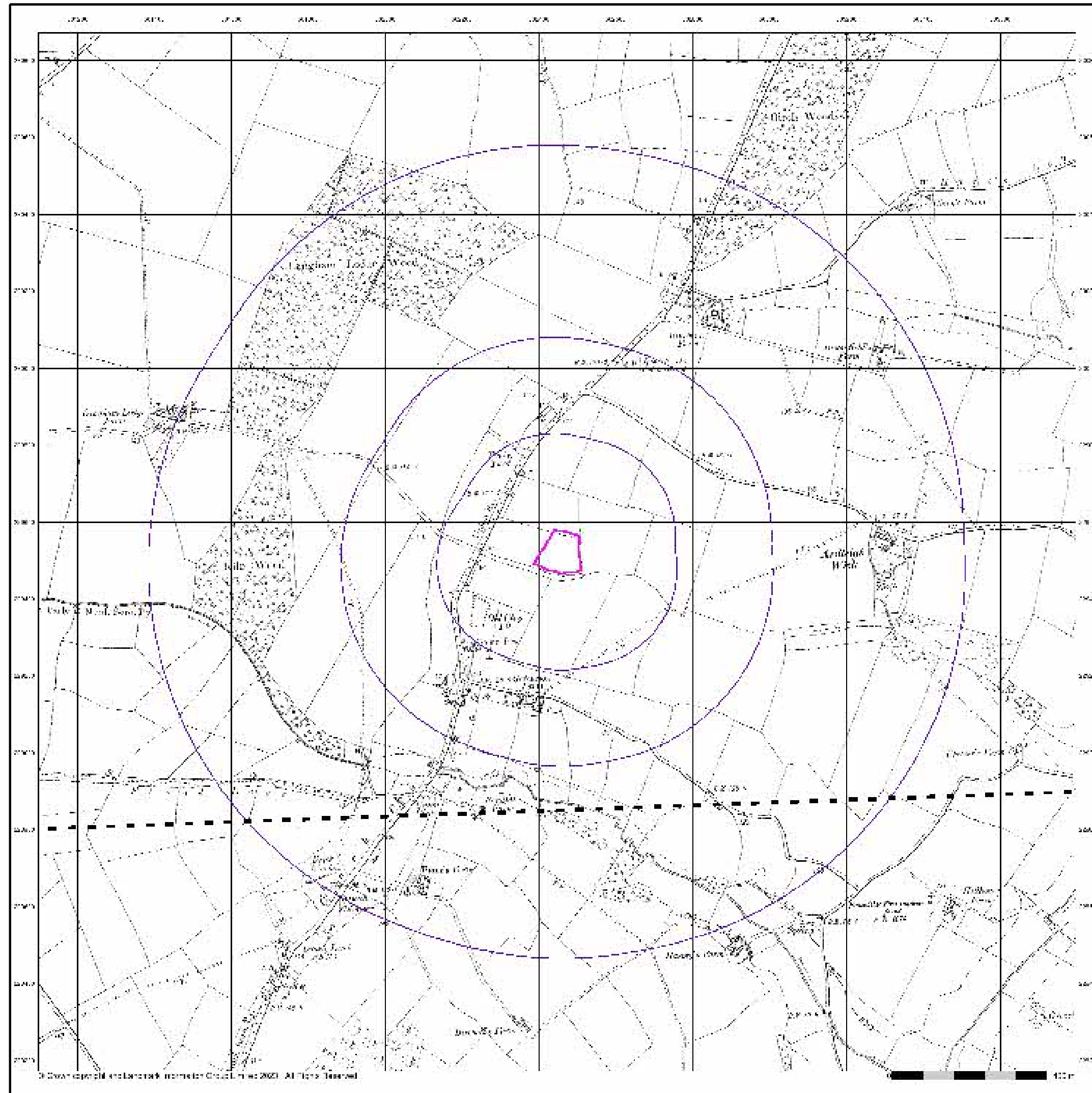


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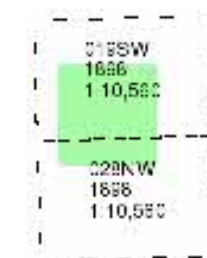
Essex

Published 1898

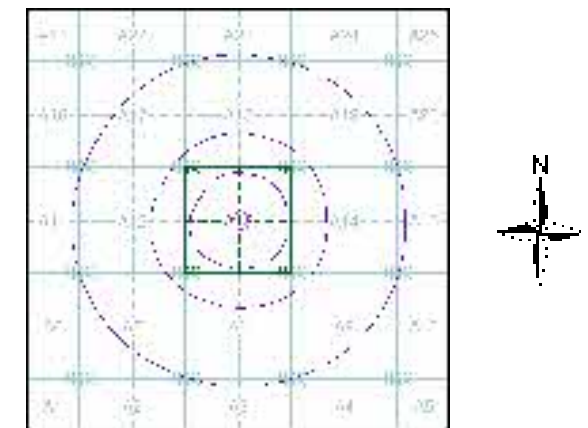
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A

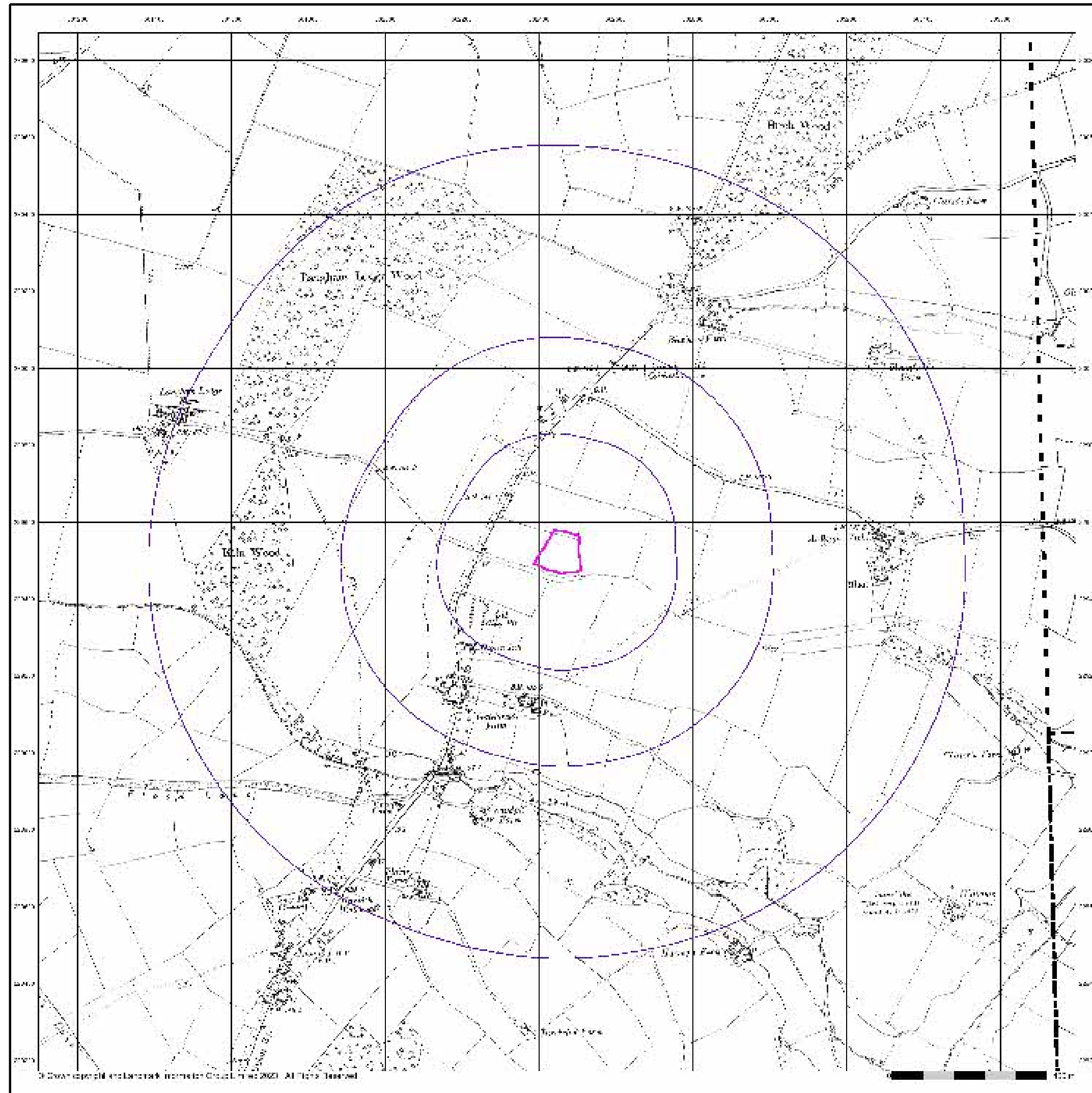


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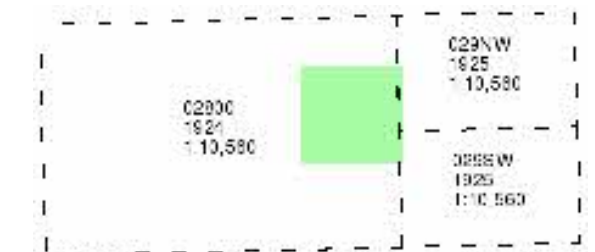
Essex

Published 1924 - 1925

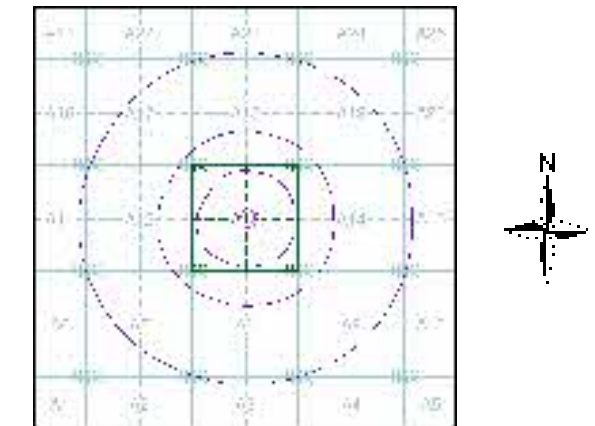
Source map scale - 1:10,560

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

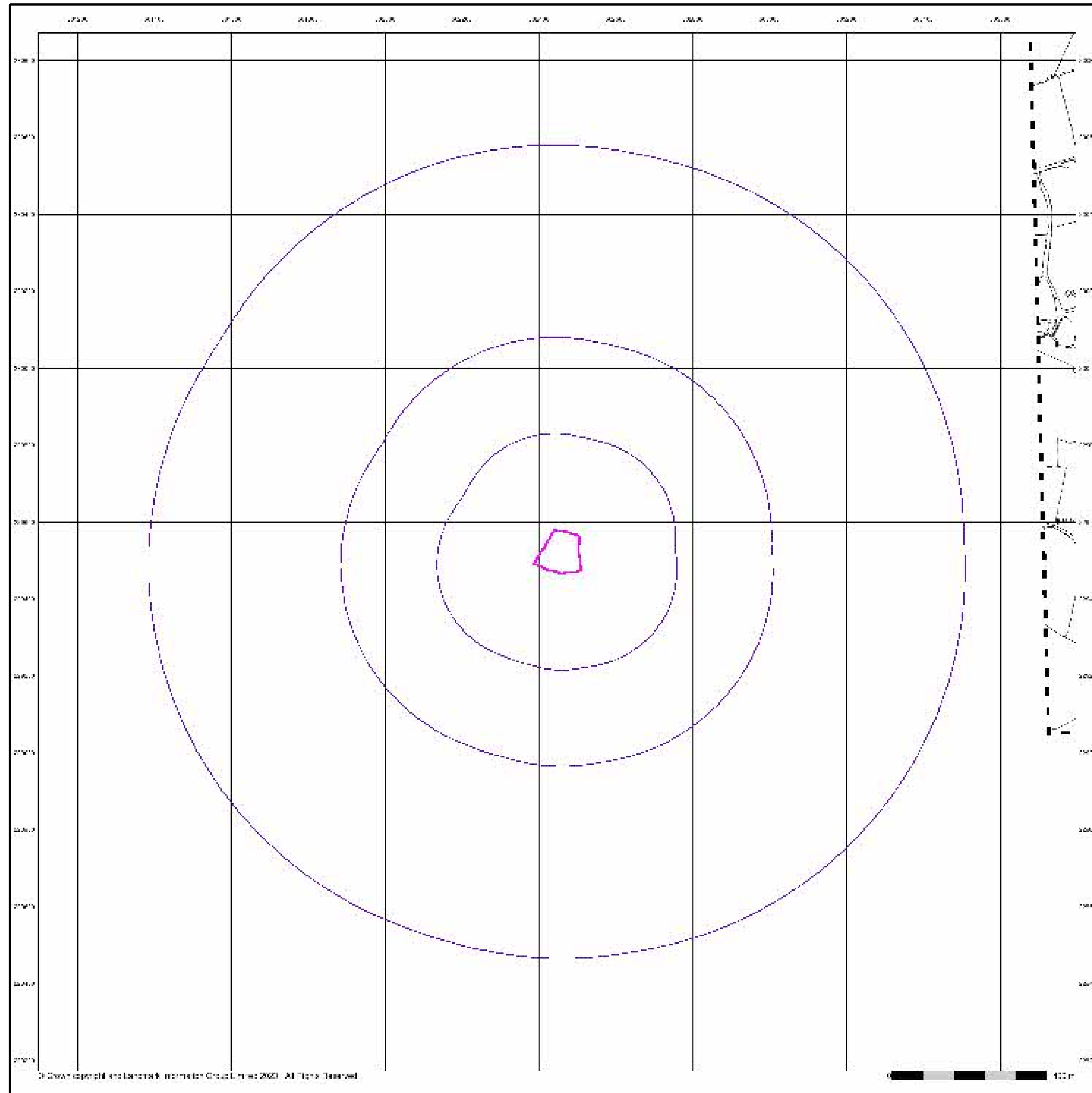


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Site Details

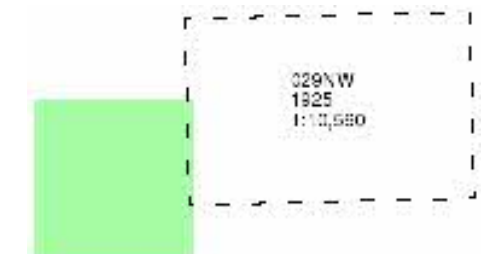
Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QW



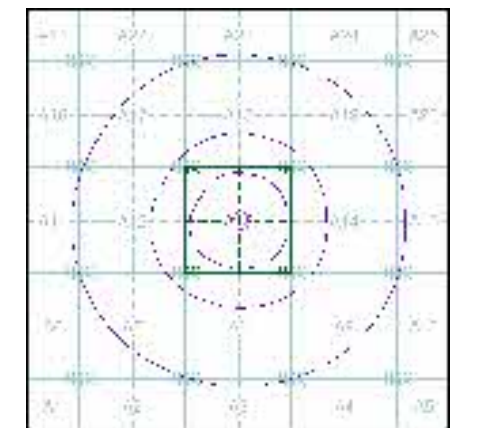
Essex
Published 1925
Source map scale - 1:10,560

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

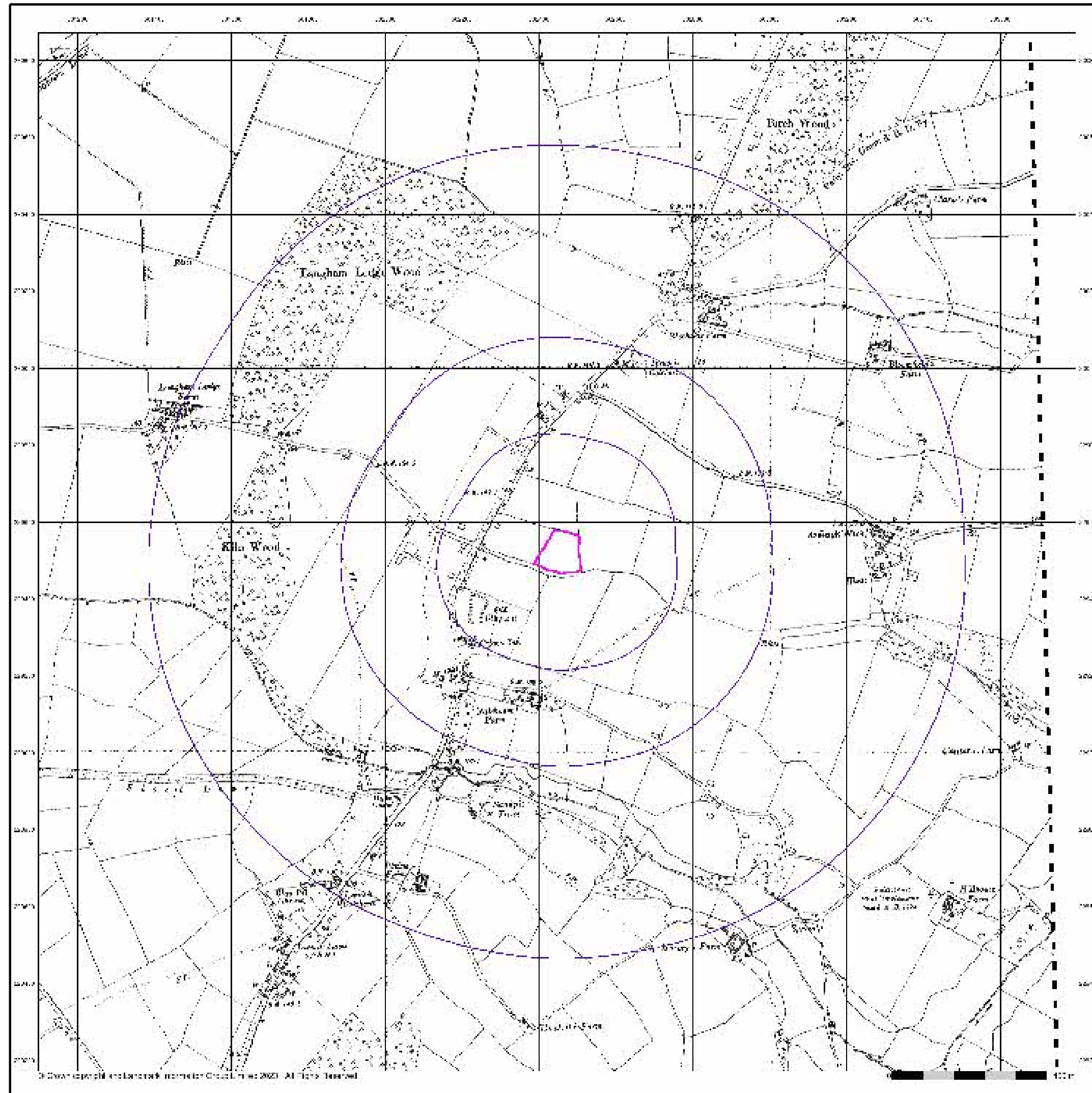


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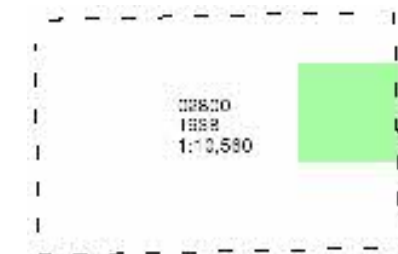
Essex

Published 1938

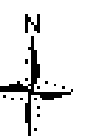
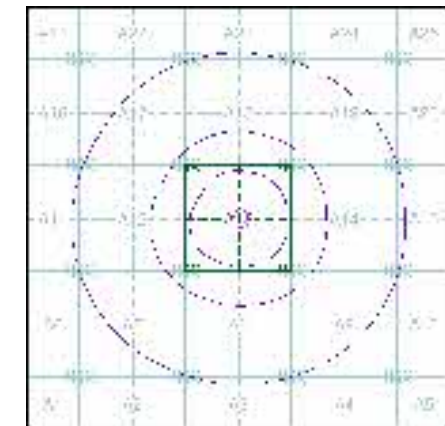
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A

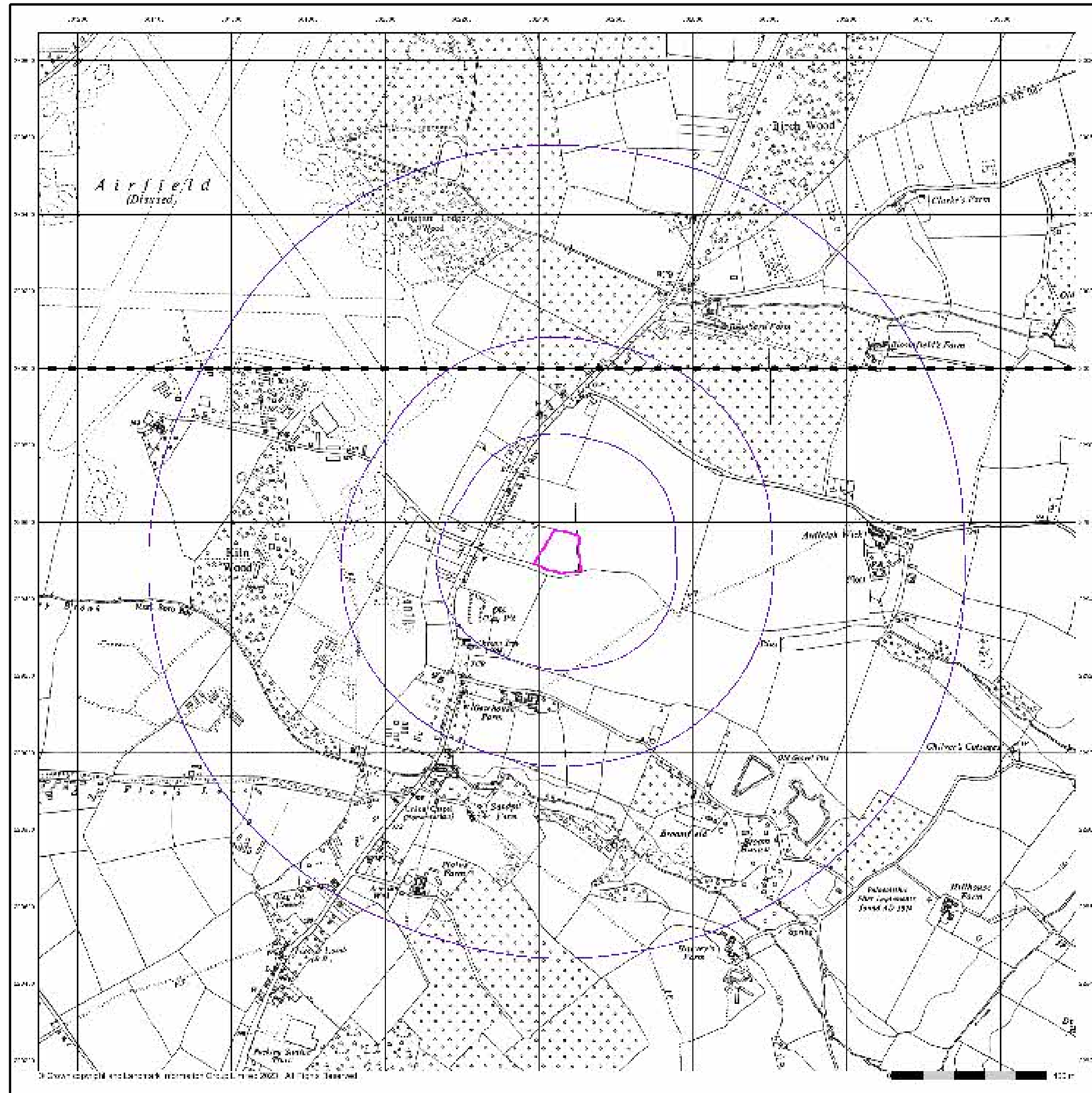


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Ordnance Survey Plan

Published 1958

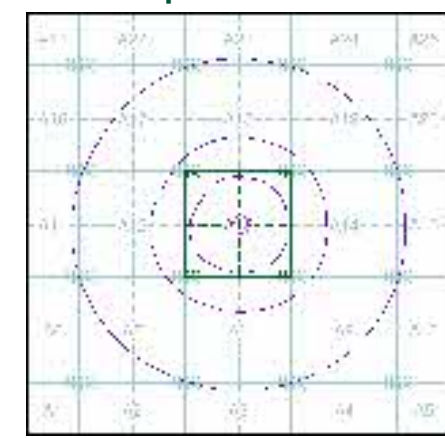
Source map scale - 1:10,000

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)

TM03SW |
 1958 |
1:10 560
 TM02NW |
 1958 |
 1:10 560 |

Historical Map - Slice A

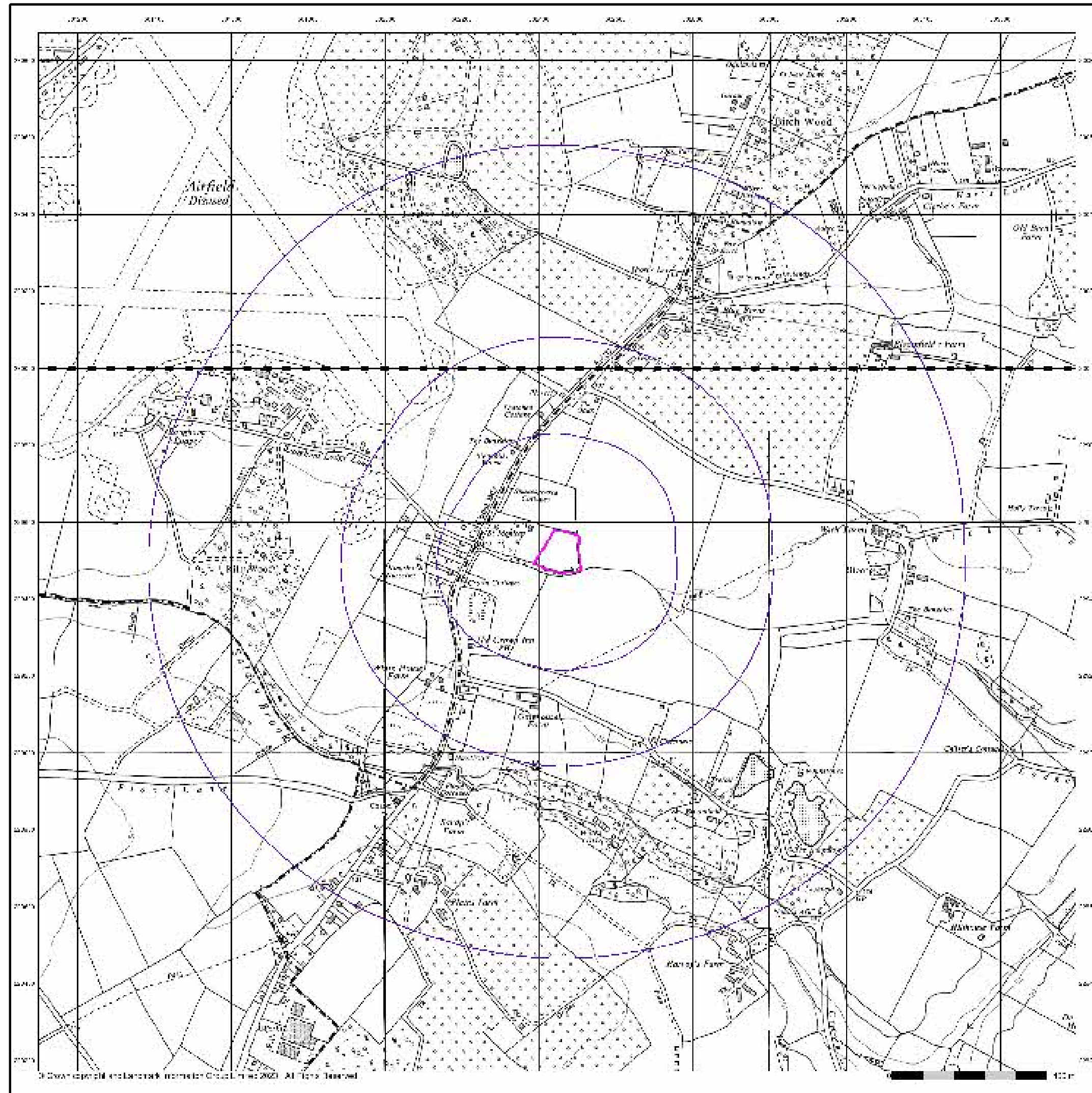


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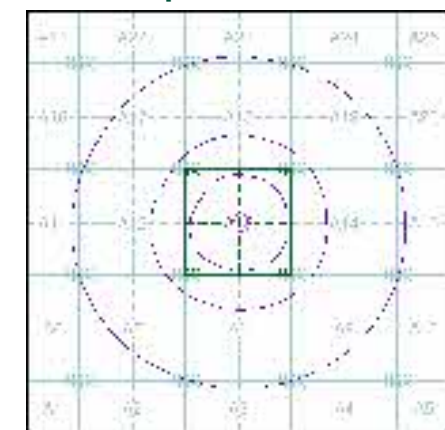
Ordnance Survey Plan
Published 1966 - 1967
Source map scale - 1:10,000

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Map Name(s) and Date(s)

TM03SW	1967	1:10 560
TM02NW	1966	1:10 560

Historical Map - Slice A



Order Details

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 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QW

Colchester

Published 1975

Source map scale - 1:10,000

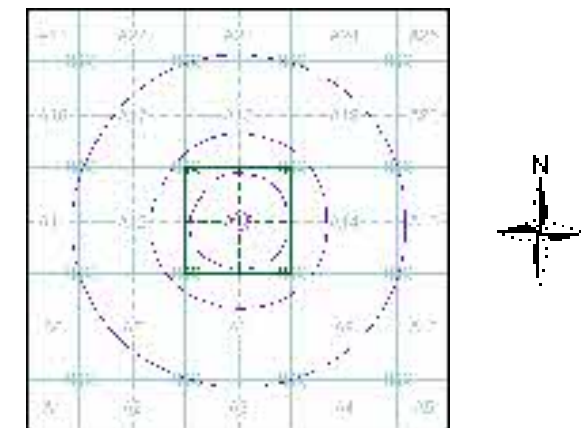
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

1:25,000	1975
1:10,000	1975
1:5,000	1975

Russian Map - Slice A



Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QW



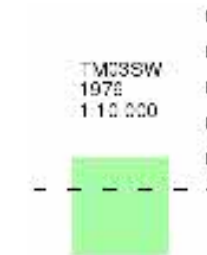
Ordnance Survey Plan

Published 1976

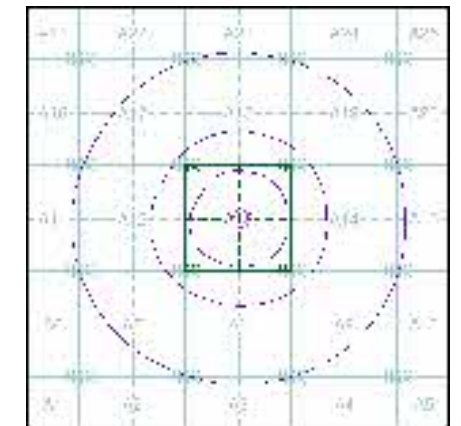
Source map scale - 1:10,000

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

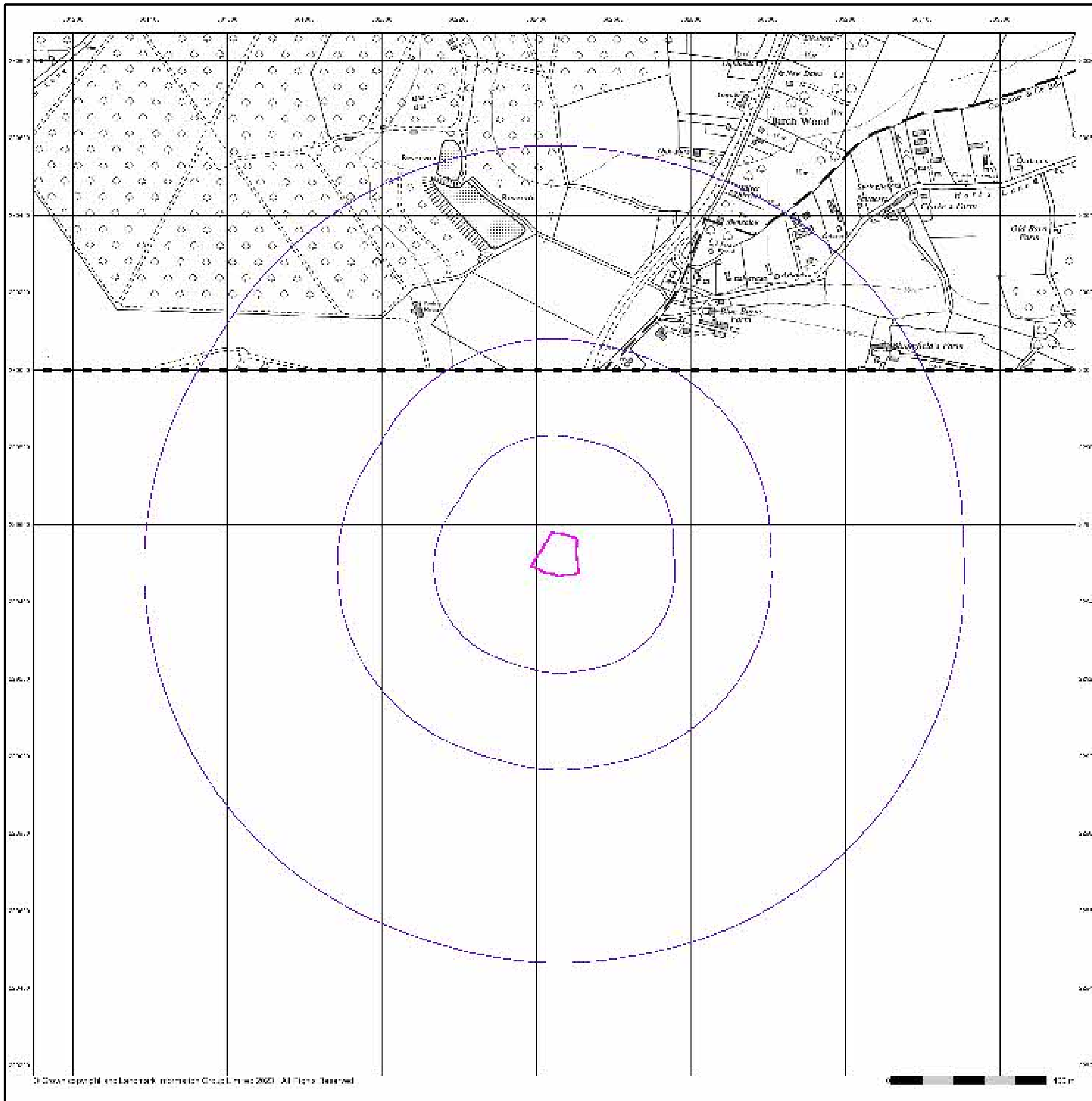


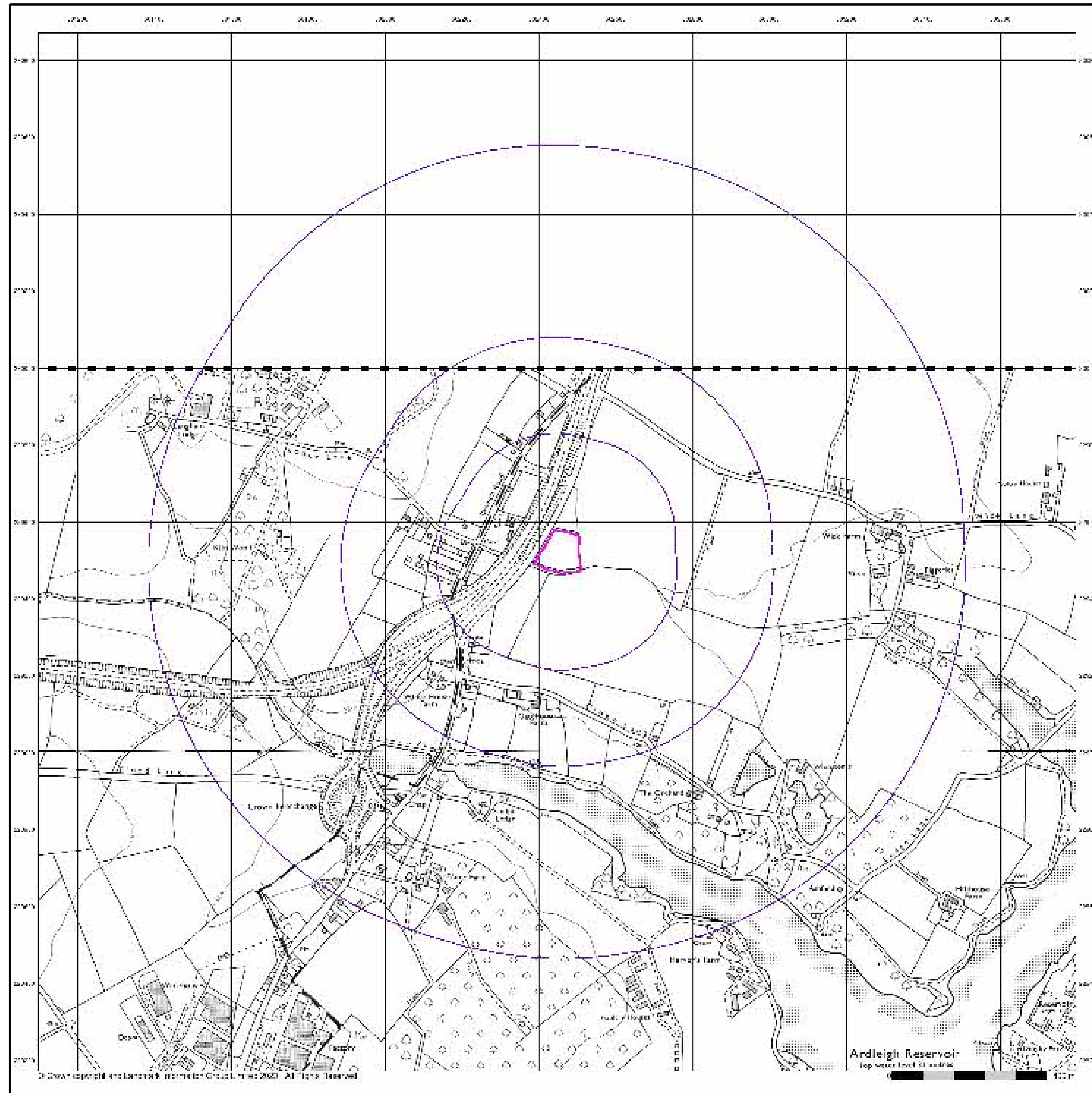
Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QW





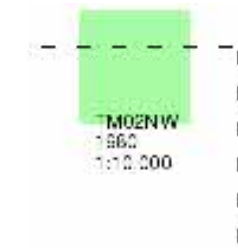
Ordnance Survey Plan

Published 1980

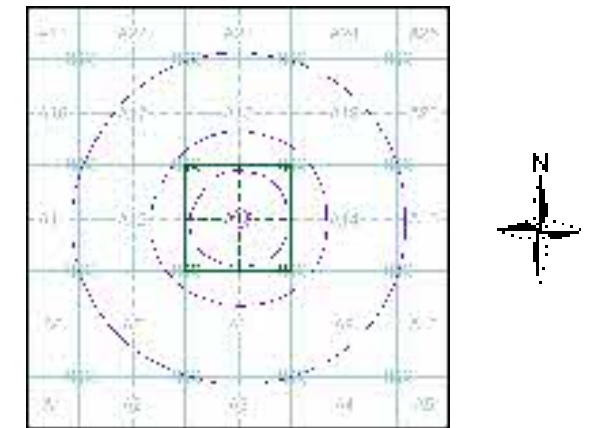
Source map scale - 1:10,000

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

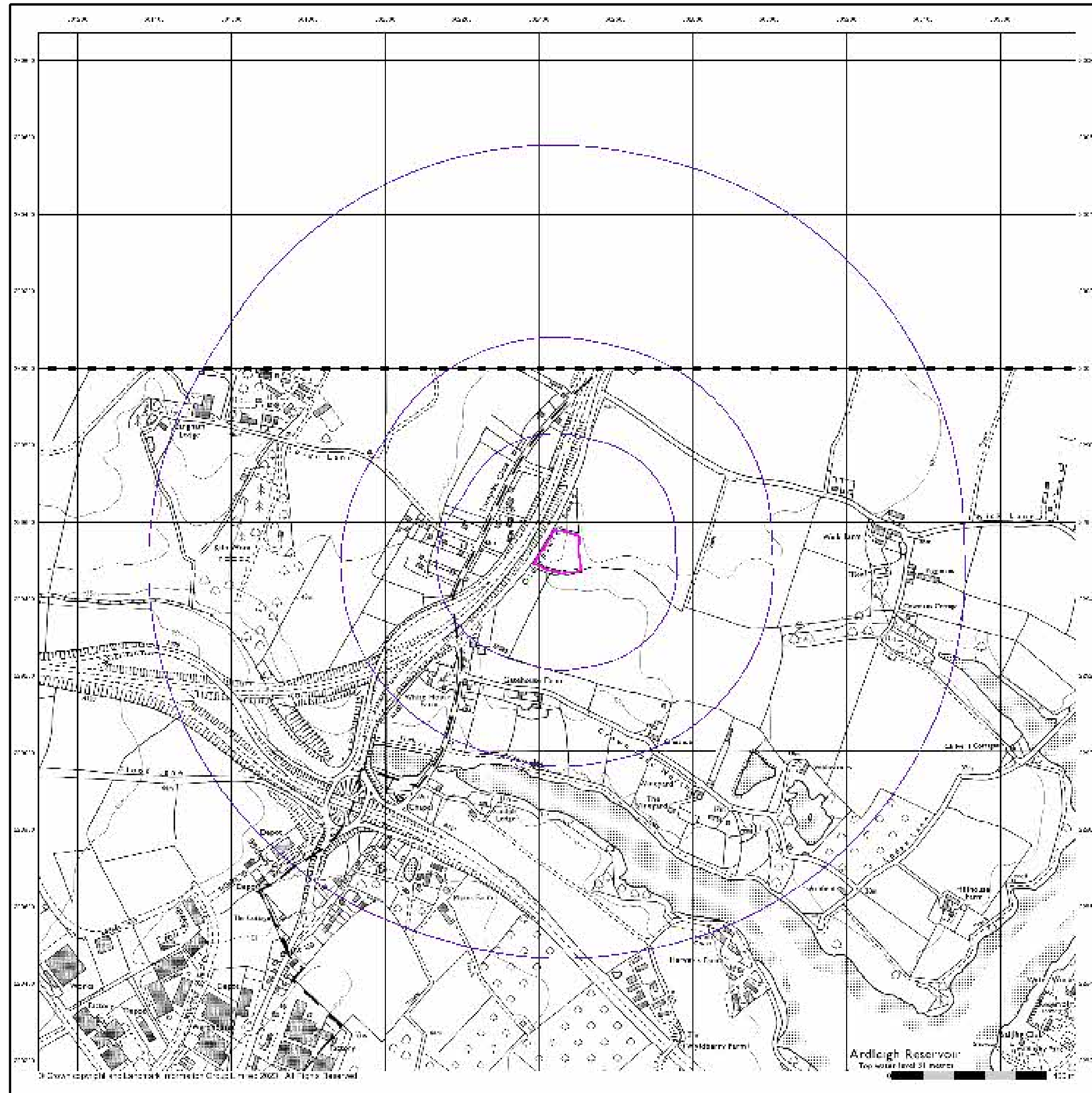


Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW



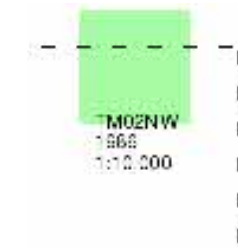
Ordnance Survey Plan

Published 1986

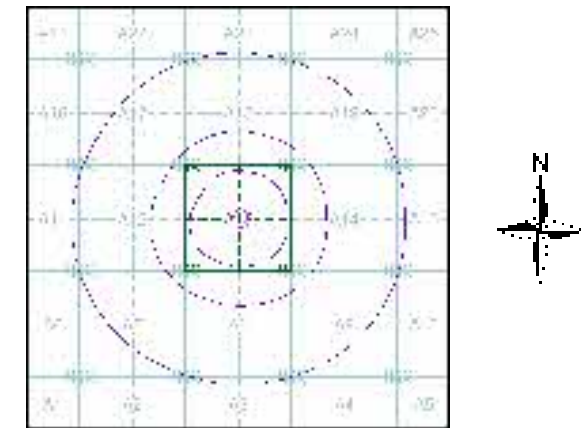
Source map scale - 1:10,000

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

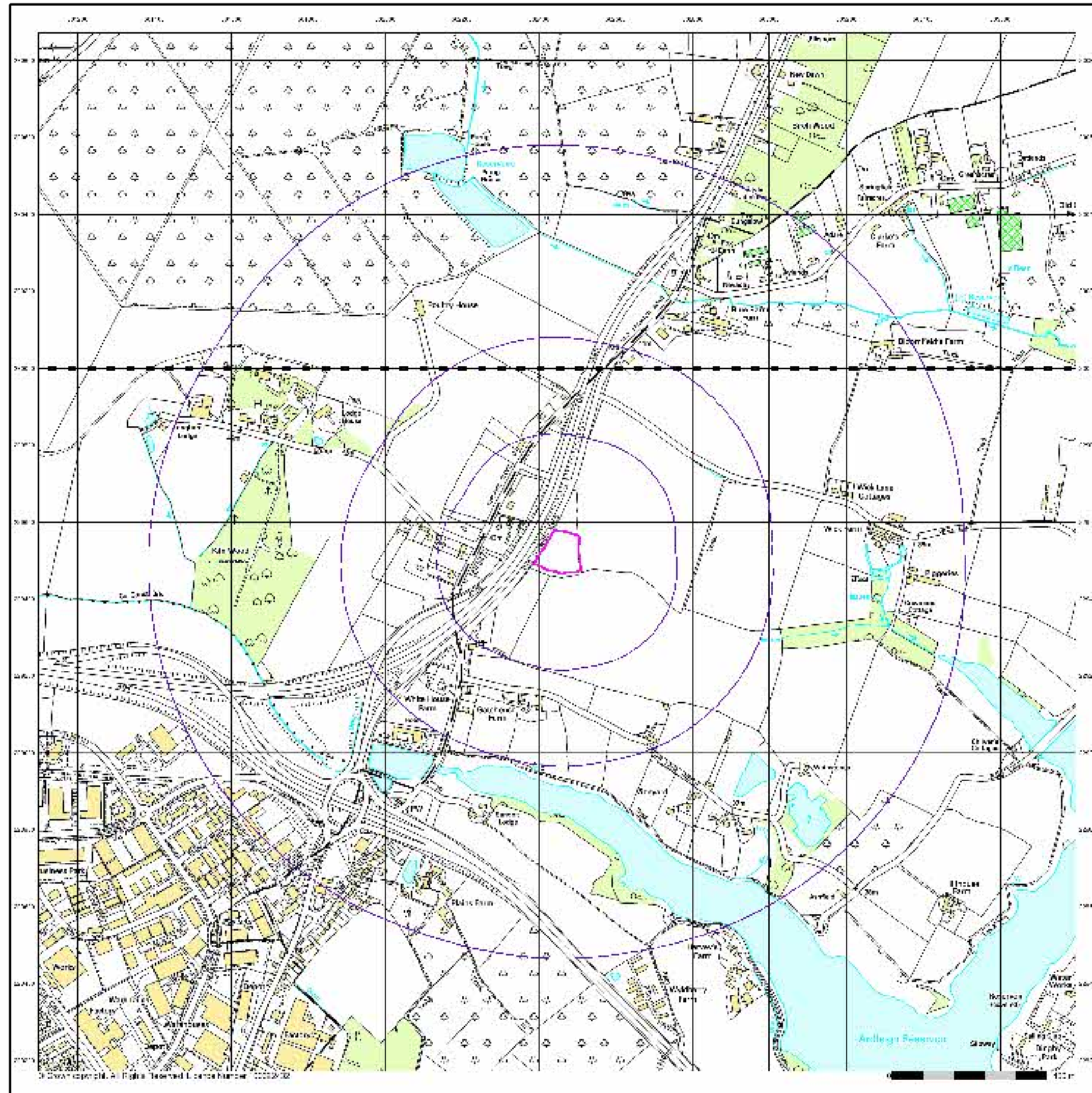


Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW



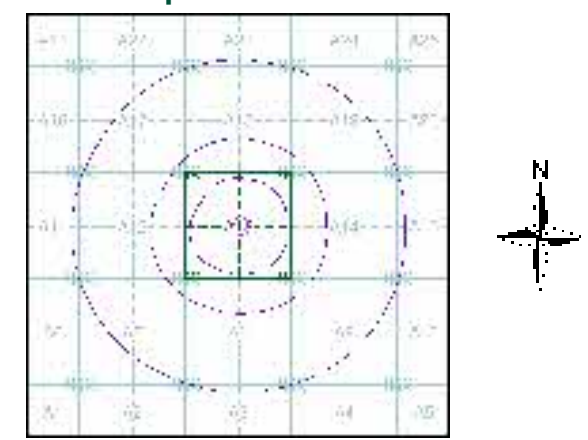
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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)

- TM03SW | 1999 | 1:10 000
- TM02NW | 1999 | 1:10 000

Historical Map - Slice A

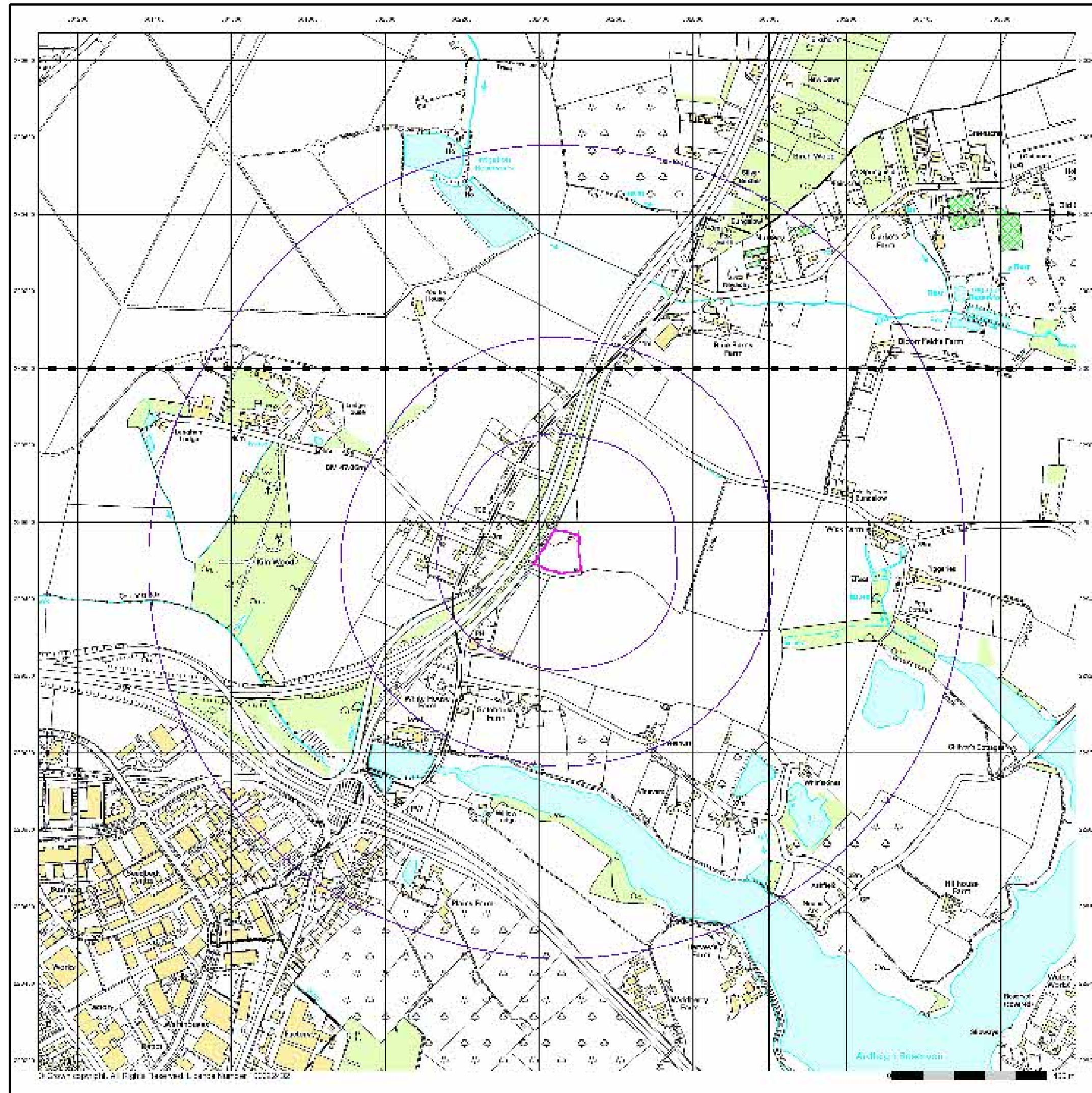


Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW



10k Raster Mapping

Published 2006

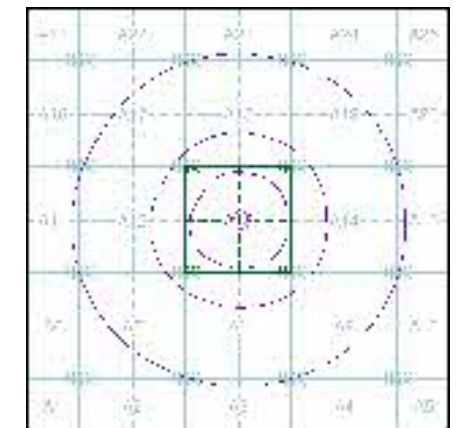
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TM03SW |
 2006 |
 1:10 000 |
 TM02NW |
 2006 |
 1:10 000 |

Historical Map - Slice A

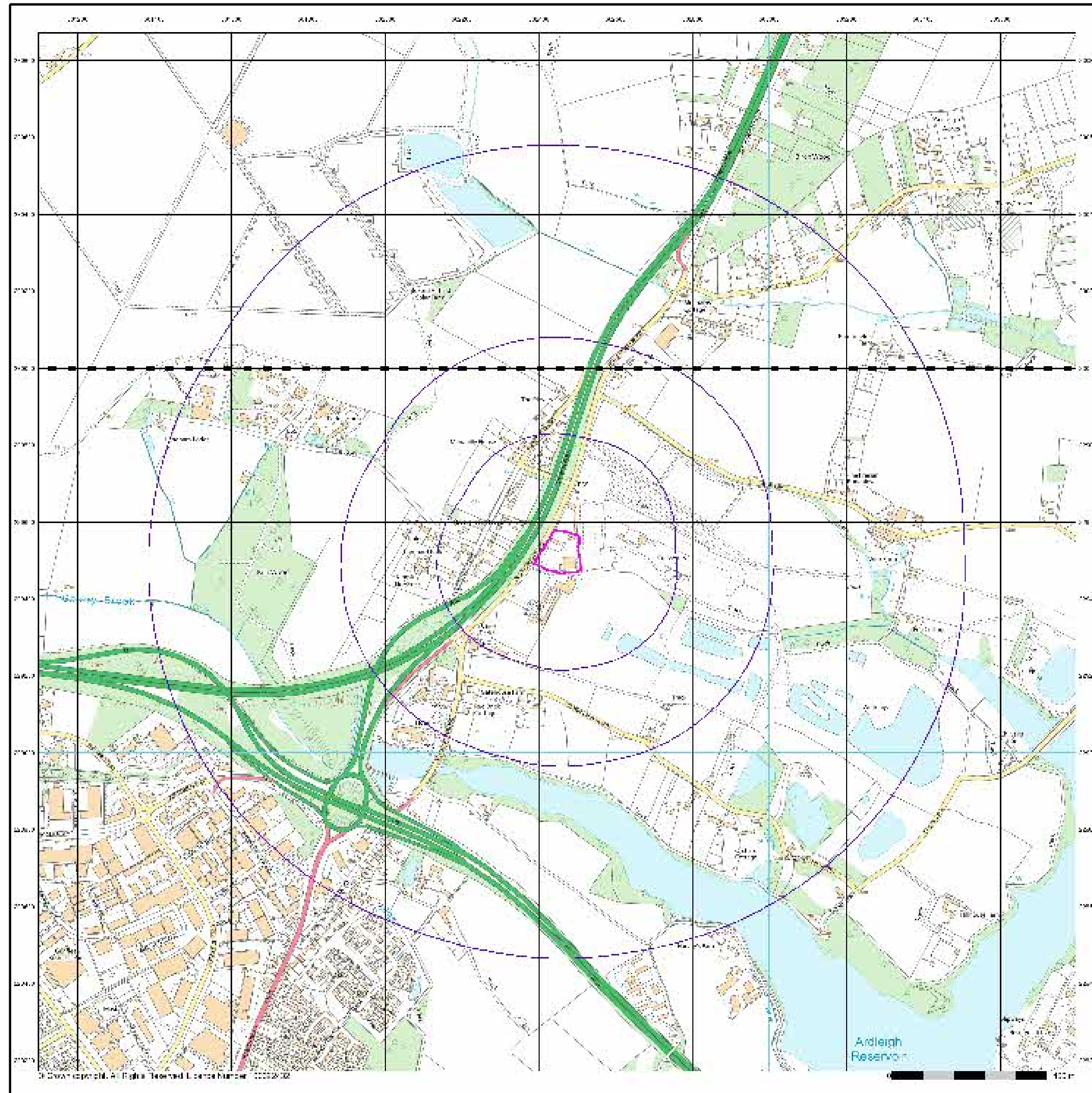


Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QW



VectorMap Local

Published 2023

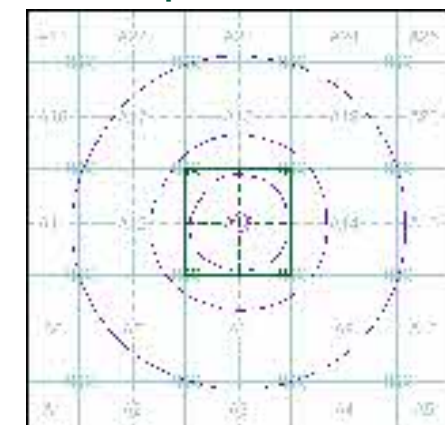
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

- TM23SW | 2023 | Variable
- TM22NW | 2023 | Variable

Historical Map - Slice A

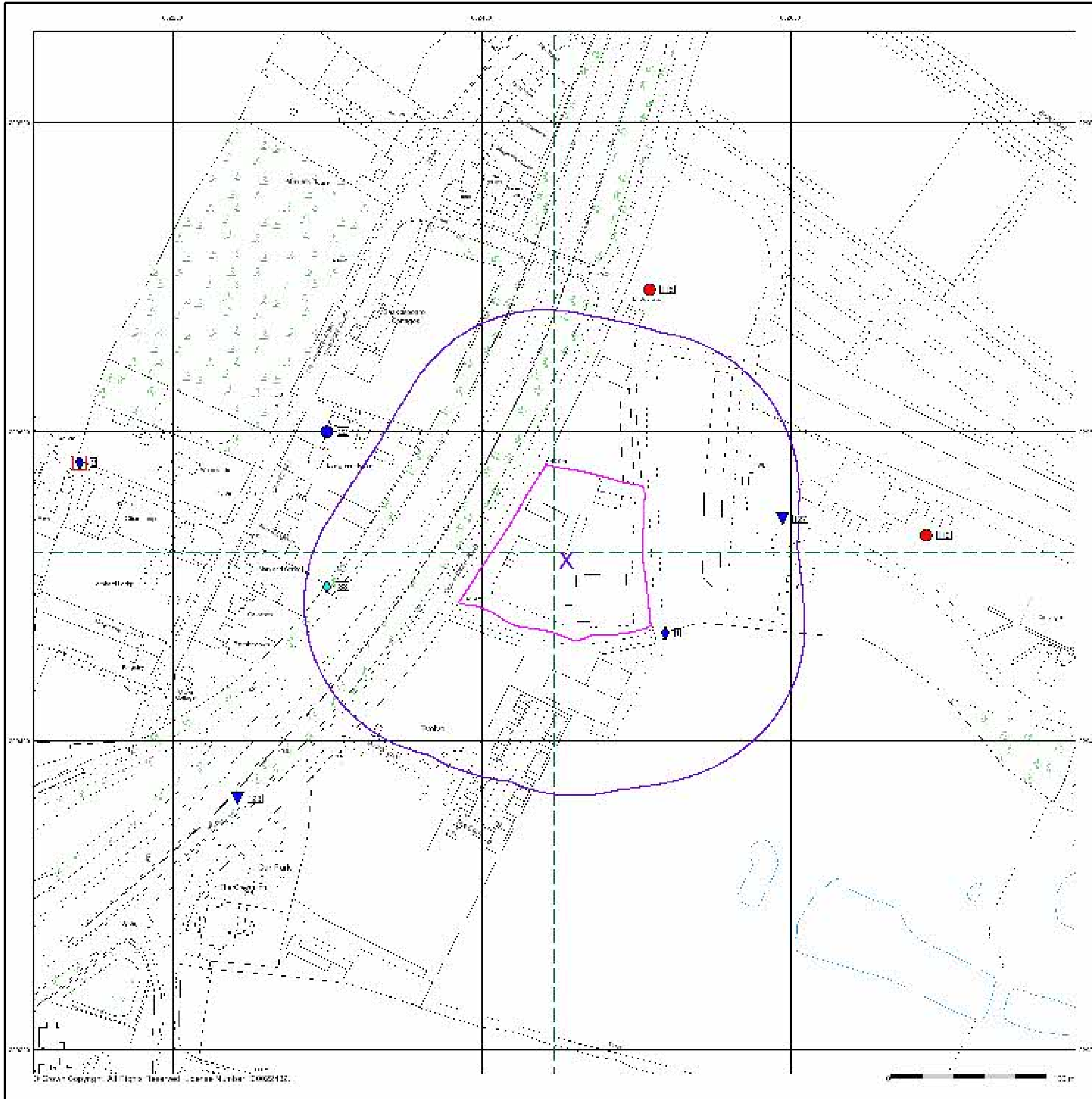


Order Details

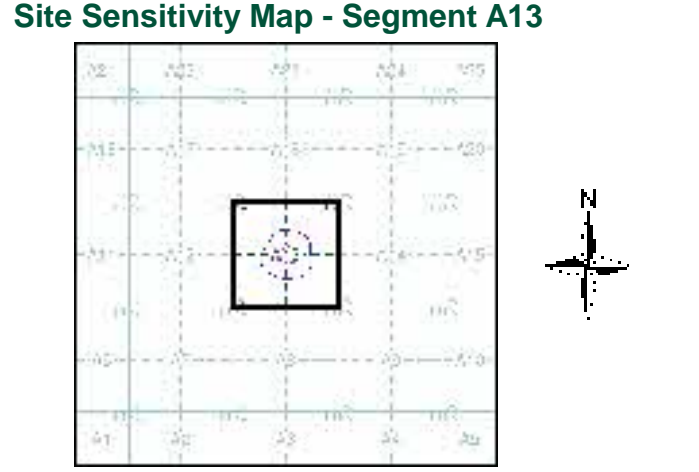
Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW



General	○ Special Site	○ Special Site	X Planning Restriction	H Map 2
Agency and Hydrological	● Water Pollution Control Authority	● Water Pollution Control Authority	● Water Pollution Control Authority	● Water Pollution Control Authority
Waste	● WFA Licensed Site (Special Licence)	● WFA Licensed Site (Special Licence)	● WFA Licensed Site (Special Licence)	● WFA Licensed Site (Special Licence)
Hazardous Substances	● WFA Licensed Site (Special Licence)	● WFA Licensed Site (Special Licence)	● WFA Licensed Site (Special Licence)	● WFA Licensed Site (Special Licence)
Geological	● WFA Licensed Site (Special Licence)	● WFA Licensed Site (Special Licence)	● WFA Licensed Site (Special Licence)	● WFA Licensed Site (Special Licence)



Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Plot Buffer (m): 100

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

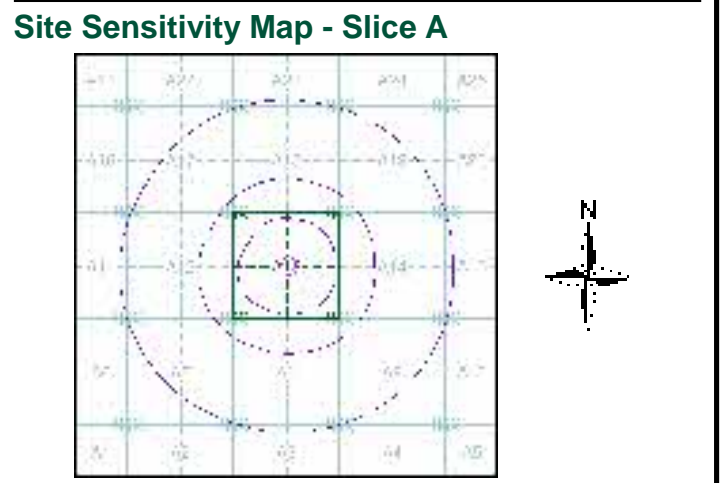
General	
	Contaminated Area
	Contaminated Area
	Contaminated Area
	Contaminated Area

Agency and Hydrological	
	Contaminated Area
	Contaminated Area
	Contaminated Area
	Contaminated Area

Waste	
	Contaminated Area
	Contaminated Area
	Contaminated Area
	Contaminated Area

Hazardous Substances	
	Contaminated Area
	Contaminated Area
	Contaminated Area
	Contaminated Area

Geological	
	Contaminated Area
	Contaminated Area

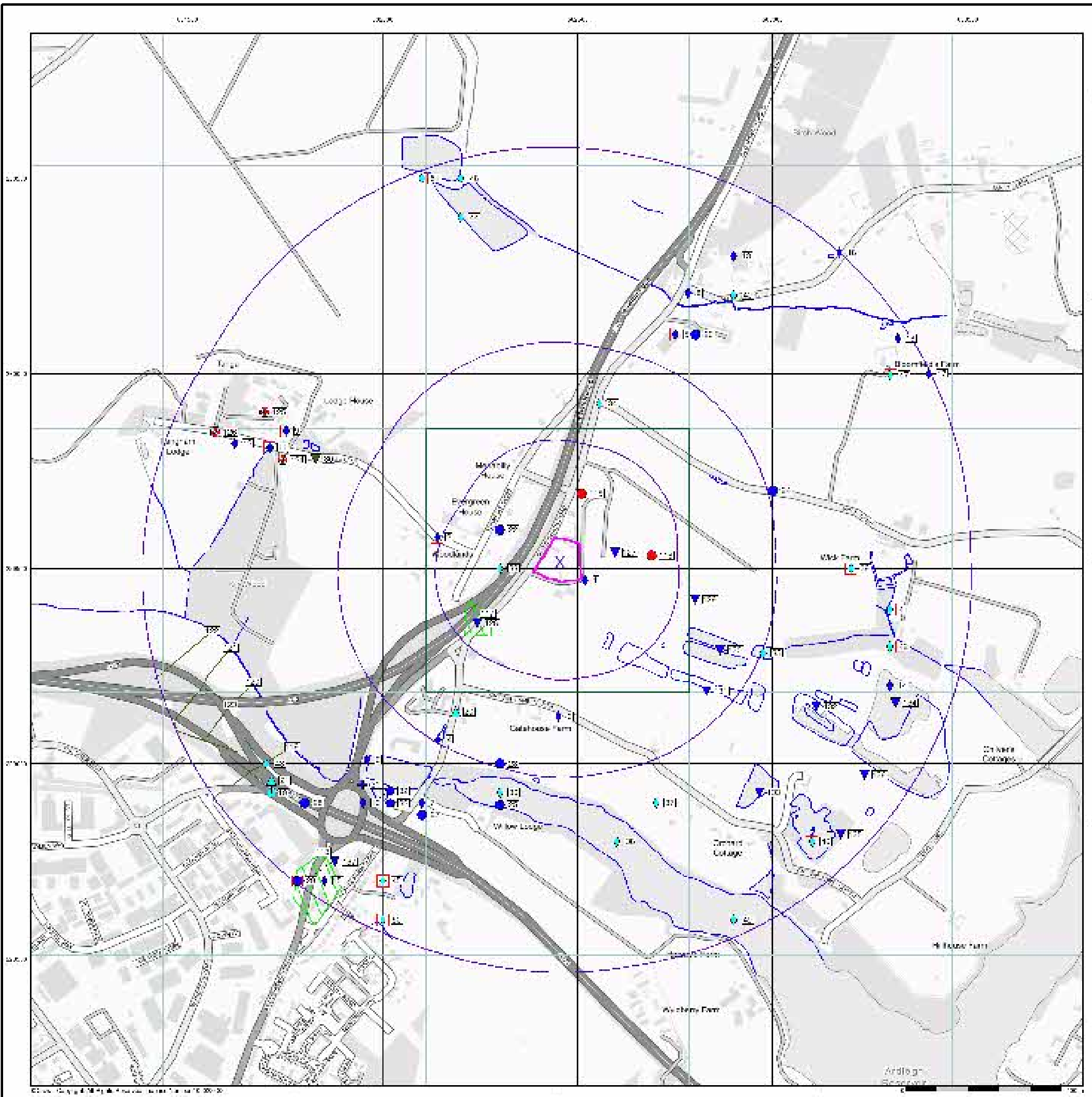


Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

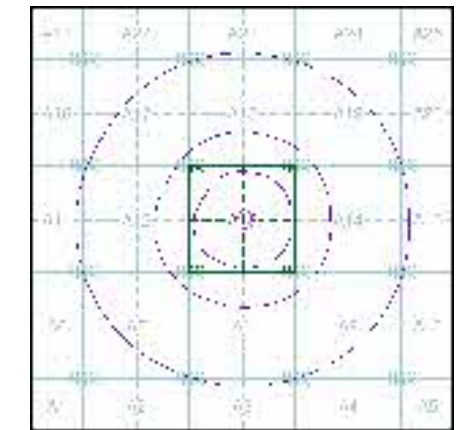
Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QU



Industrial Land Use Map

- General**
-  Industrial Use
 -  Site
 -  Specified Buffer
 -  Map ID
 -  Bearing Reference Point
- Industrial Land Use**
-  Coal mine - Trade Waste - Fuel
 -  Fuel - Oil - Fuel
 -  Gas Pipelines
 -  Points of Interest - Commercial Services
 -  Points of Interest - Education and Health
 -  Points of Interest - Manufacturing and Production
 -  Points of Interest - Local Retail Centre
 -  Points of Interest - Recreational and Cultural
 -  Underground Council Ducts

Industrial Land Use Map - Slice A






Order Details

Order Number:	317693798_1_1
Customer Ref:	233063
National Grid Reference:	602460, 229520
Slice:	A
Site Area (Ha):	0.97
Search Buffer (m):	1000






Site Details

Land to south east side of, Old Ipswich Road, Ardleigh,
COLCHESTER, Essex, CO7 7WQ

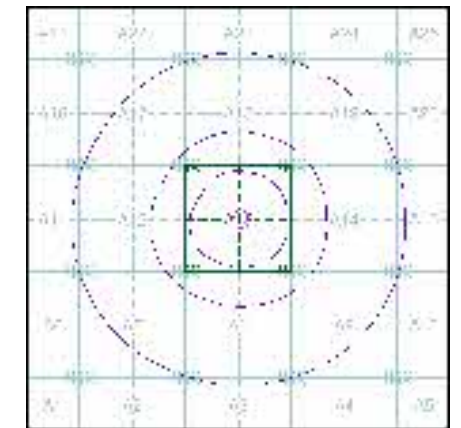
General

-  Study Area
-  Search Buffer
-  Flood Defence Point

Agency and Hydrological (Flood)

-  Floods: Funding from Government Flood Defence (2010-2015)
-  Floods: Funding from Local Authorities (2010-2015)
-  Area Benefiting from Flood Defence
-  Flood Risk along Roads
-  Flood Defence

Flood Map - Slice A

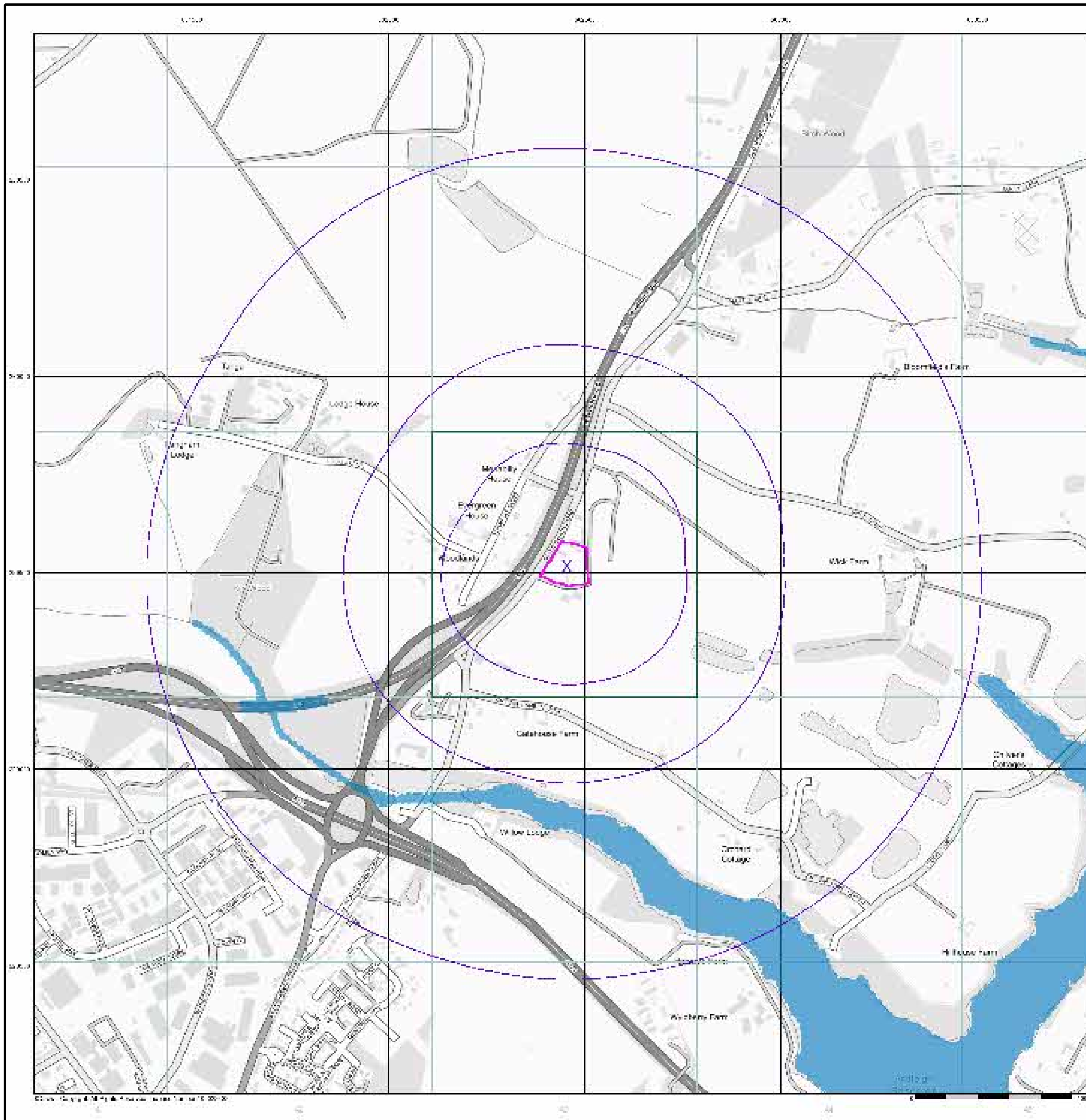


Order Details






Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details






Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QU



General

-  Study Area
-  Search Buffer
-  Borehole Location
-  Map ID
-  Boundary of Study Area

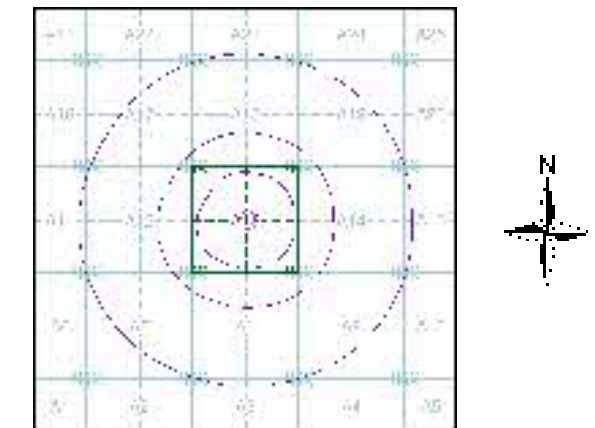
Agency and Hydrological (Boreholes)

-  Borehole Data from Agency
-  Borehole Data from Hydrological
-  Borehole Data from Other
-  Contaminated
-  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: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

General

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

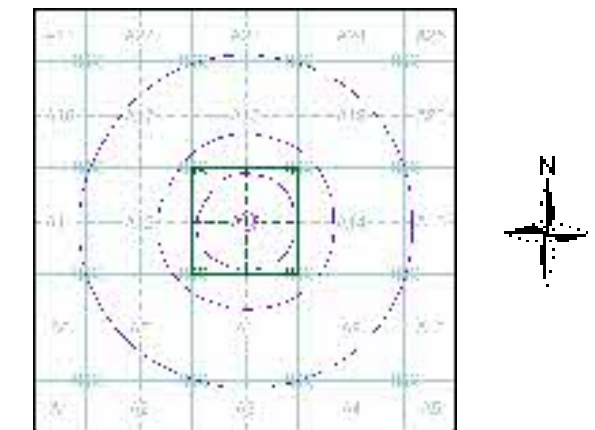
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Riverbank | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Off take |
| Inland River | Sea |

Contours (height in meters)

- | | | |
|------------------|--|-----------------|
| Standard Contour | | Mean Low Water |
| Master Contour | | Mean High Water |
| Spot Height | | |

OS Water Network Map - Slice A



Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QW

General

- Study Area
- Search Buffer
- Flood Protection

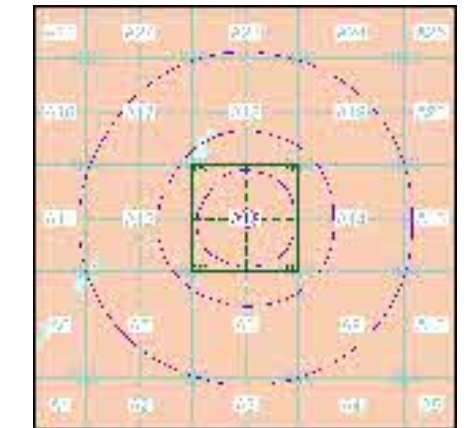
Risk of Flooding from Surface Water

- High - 50 Year Return Period
- Medium - 100 Year Return Period
- Low - 200 Year Return Period

Suitability

- Excellent - All uses possible
- Good - Limited uses possible
- Fair - Some uses possible
- Poor - Only limited uses possible
- Very Poor - Only specialist uses possible
- Unsuitable - No uses possible

EANRW Suitability Map - Slice A



Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

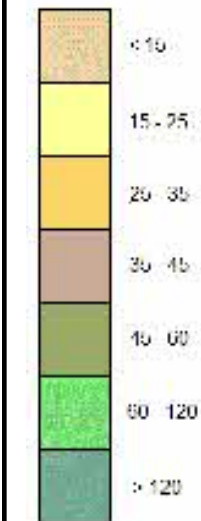
Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QW

General

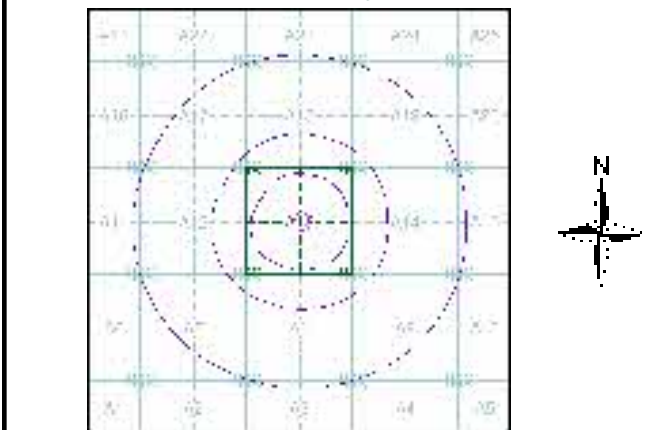
Opened at:
 Soil Contaminated:
 Working Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

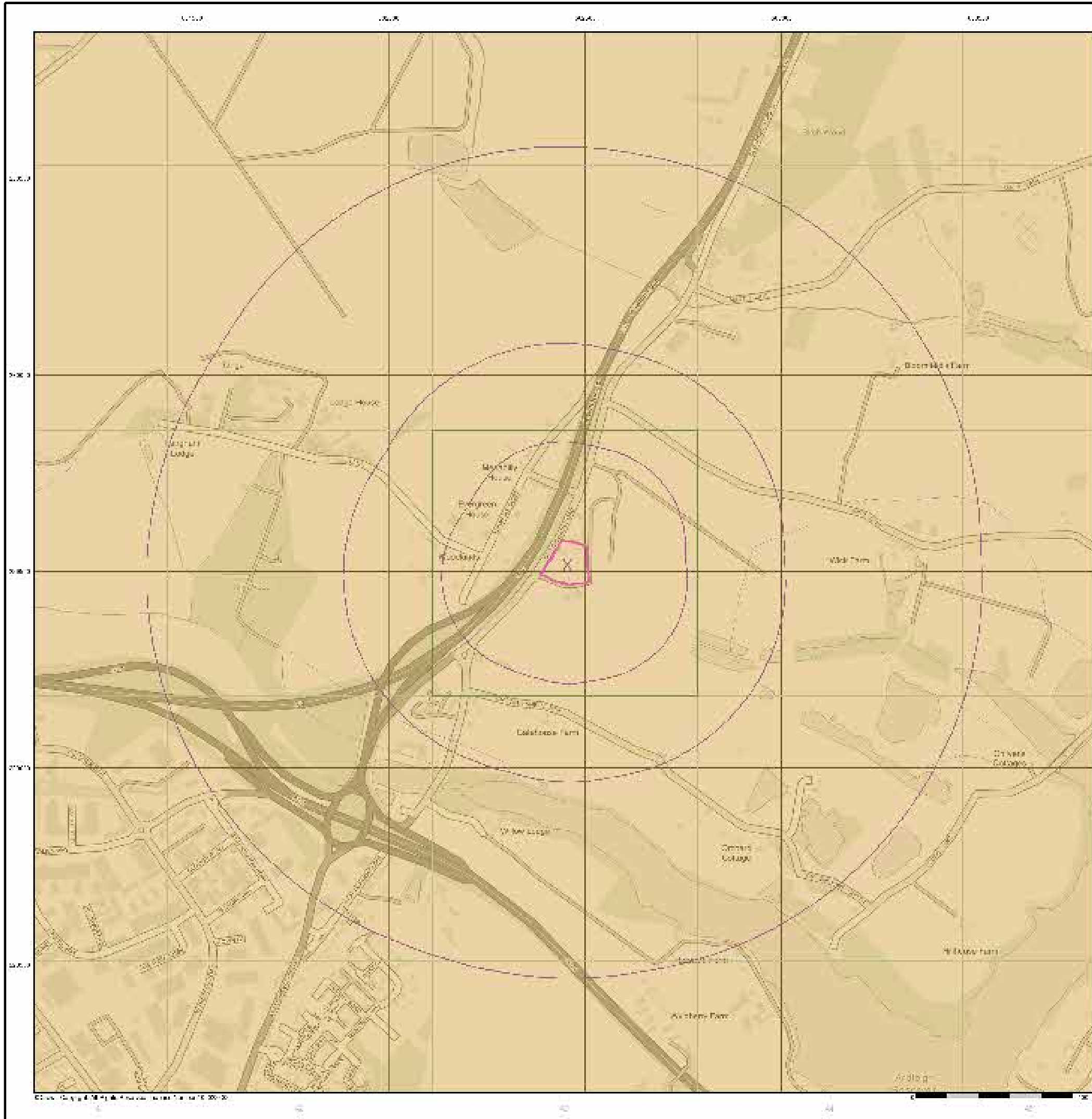


Order Details

Order Details: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

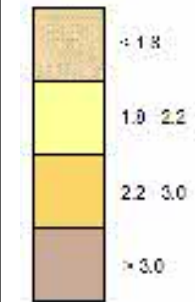


General

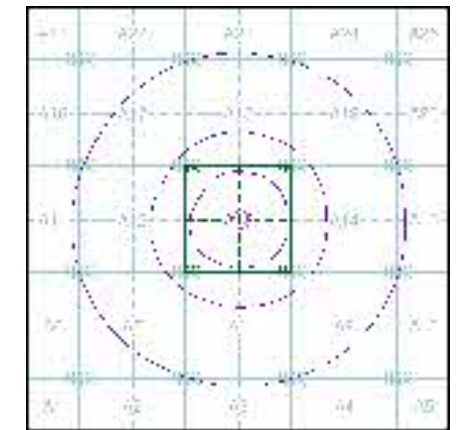
Opened site Opened by owner Change to owner

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

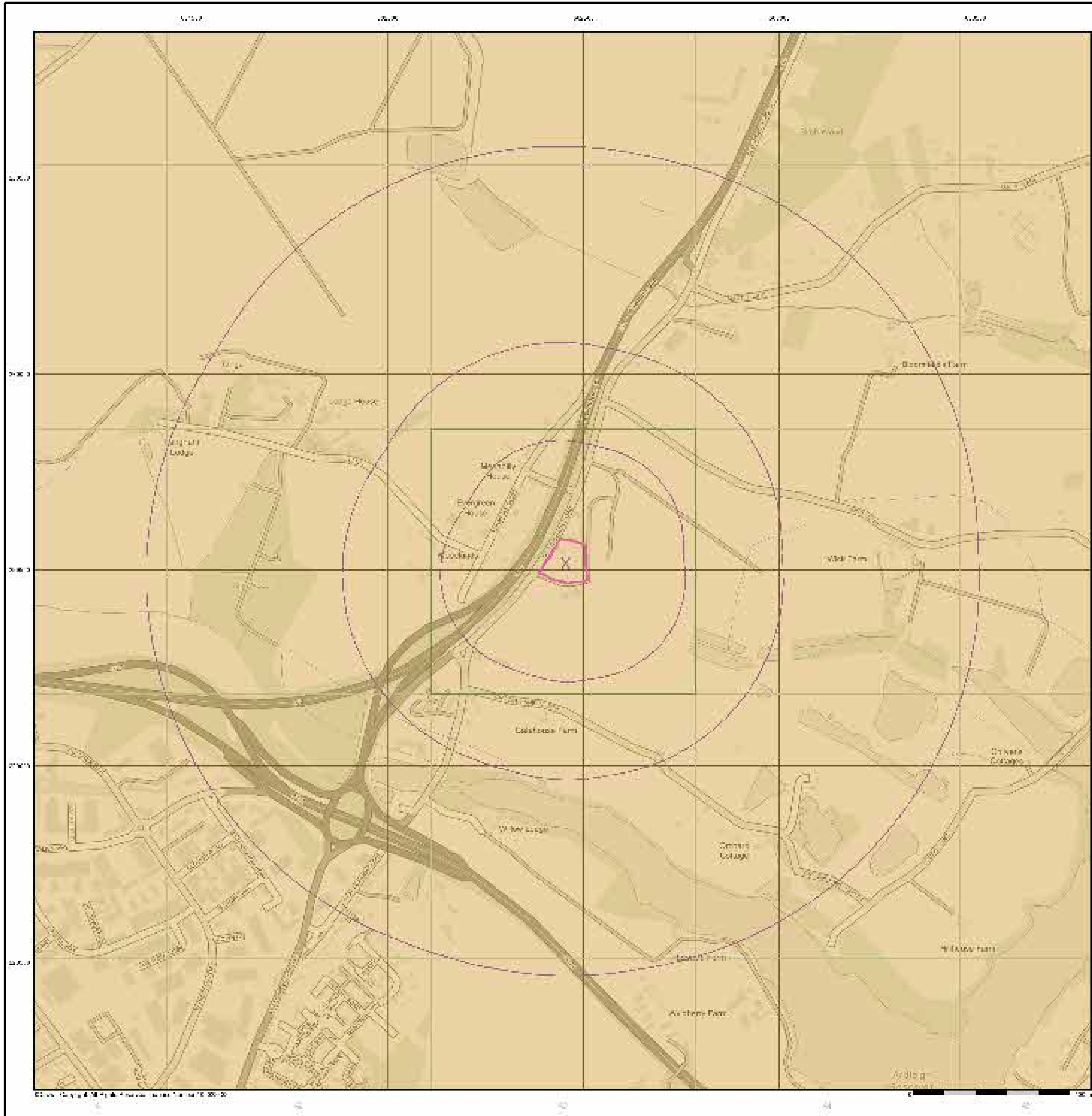


Order Details

Order Details: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh,
 COLCHESTER, Essex, CO7 7QW

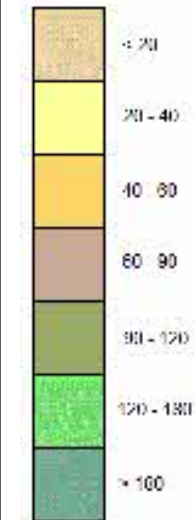


General

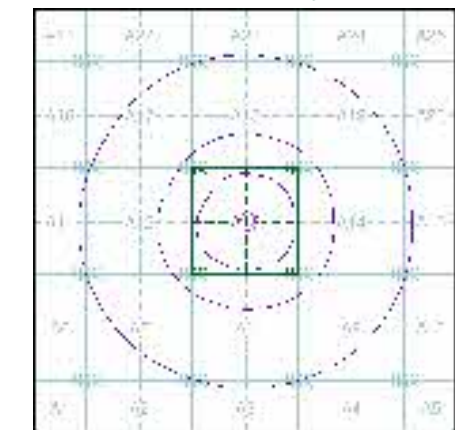
Opened up
 Opened up steps
 Existing Drainage Field

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

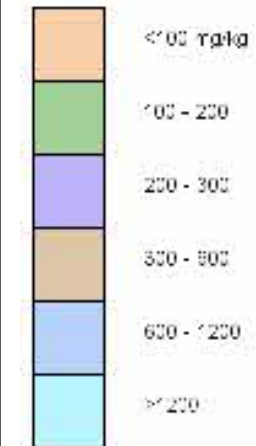
Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

General

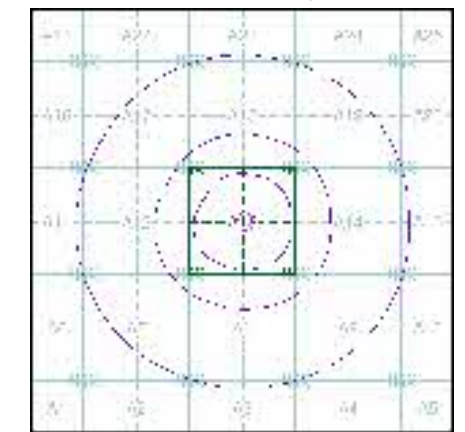
X Specified Site
 X Specified Property
 X Existing Buildings

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

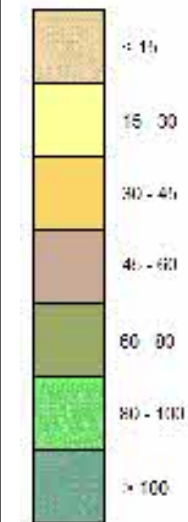
Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW

General

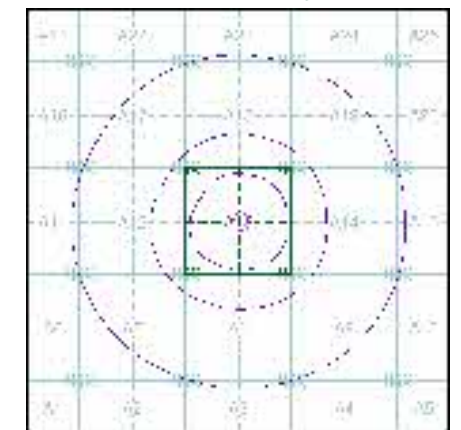
X Structure
○ Sample Point
X Design Structure

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

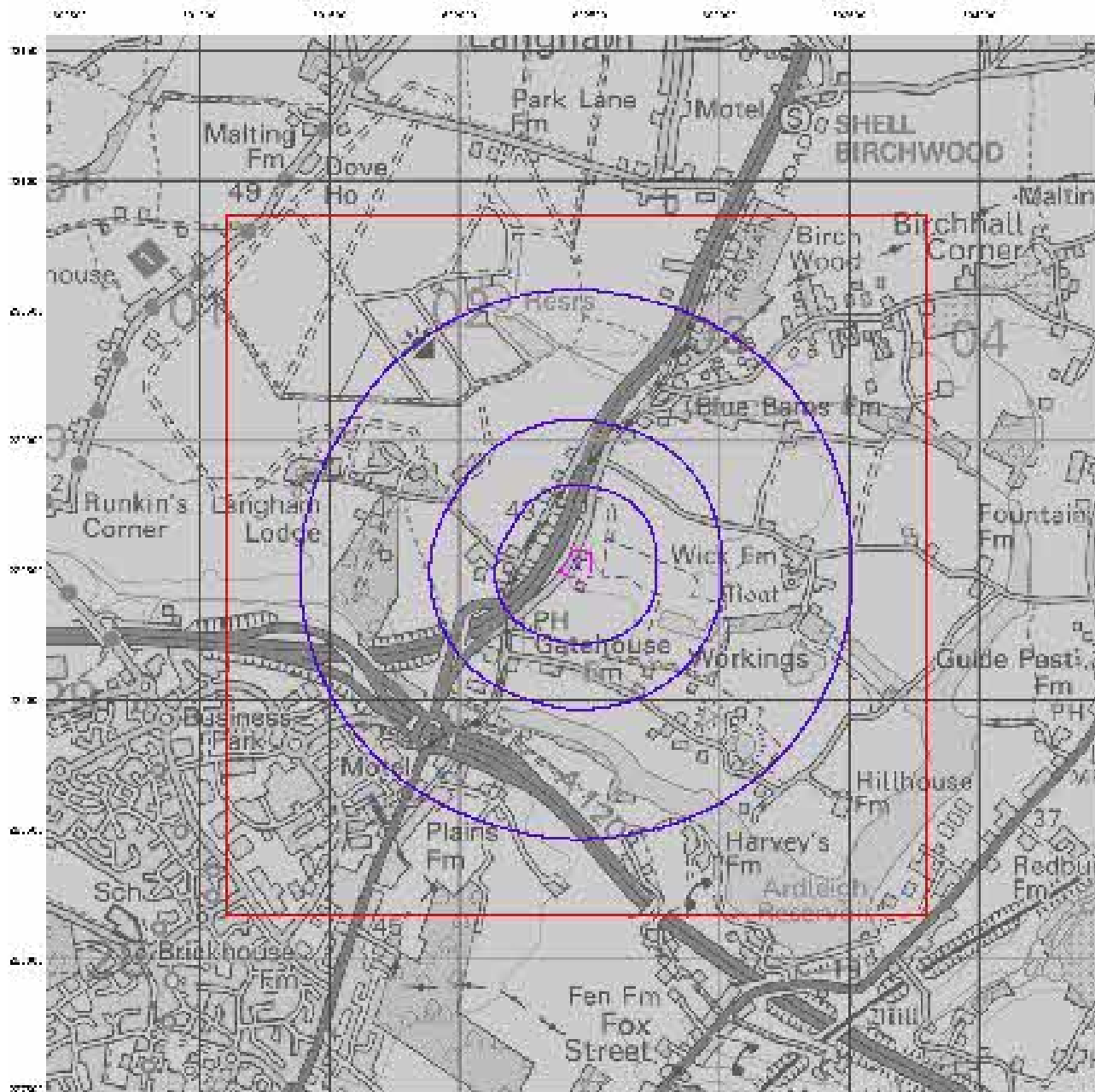


Order Details

Order Details: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardleigh, COLCHESTER, Essex, CO7 7QW



Bedrock Aquifer Designation

General

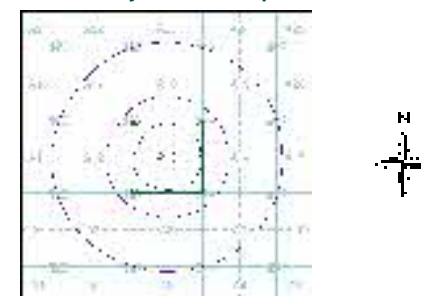
PH - Public Health Protection Zone
 L - Local Authority Land
 M - Metropolitan

Agency and Hydrological

Geological Classes

- Freshwater
- Groundwater
- Surface Water
- Seasonal Wetlands
- Freshwater
- Wetland
- Seasonal Wetland

Site Sensitivity Context Map - Slice A



Order Details

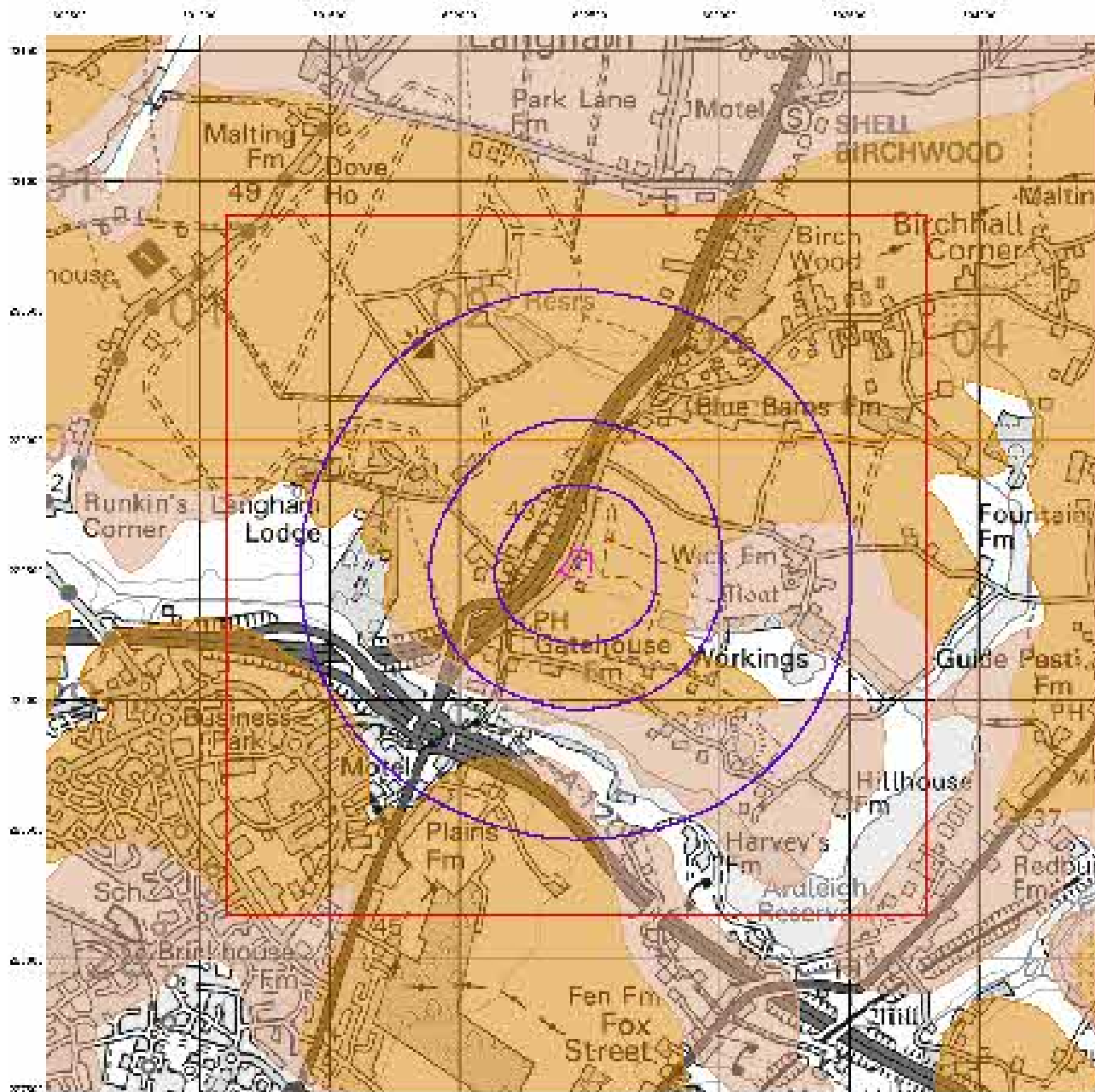
Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Arleigh, COLCHESTER, Essex, CO7 7QW



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



Superficial Aquifer Designation

General

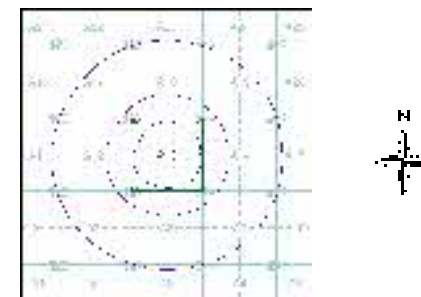
PH (Public House) Well (Public) Well (Private) Well (Unrecorded) Well (Unrecorded)

Agency and Hydrological

Geological Classes

- Freshwater
- Sandstone
- Sandstone
- Sandstone
- Sandstone
- Sandstone
- Sandstone

Site Sensitivity Context Map - Slice A



Order Details

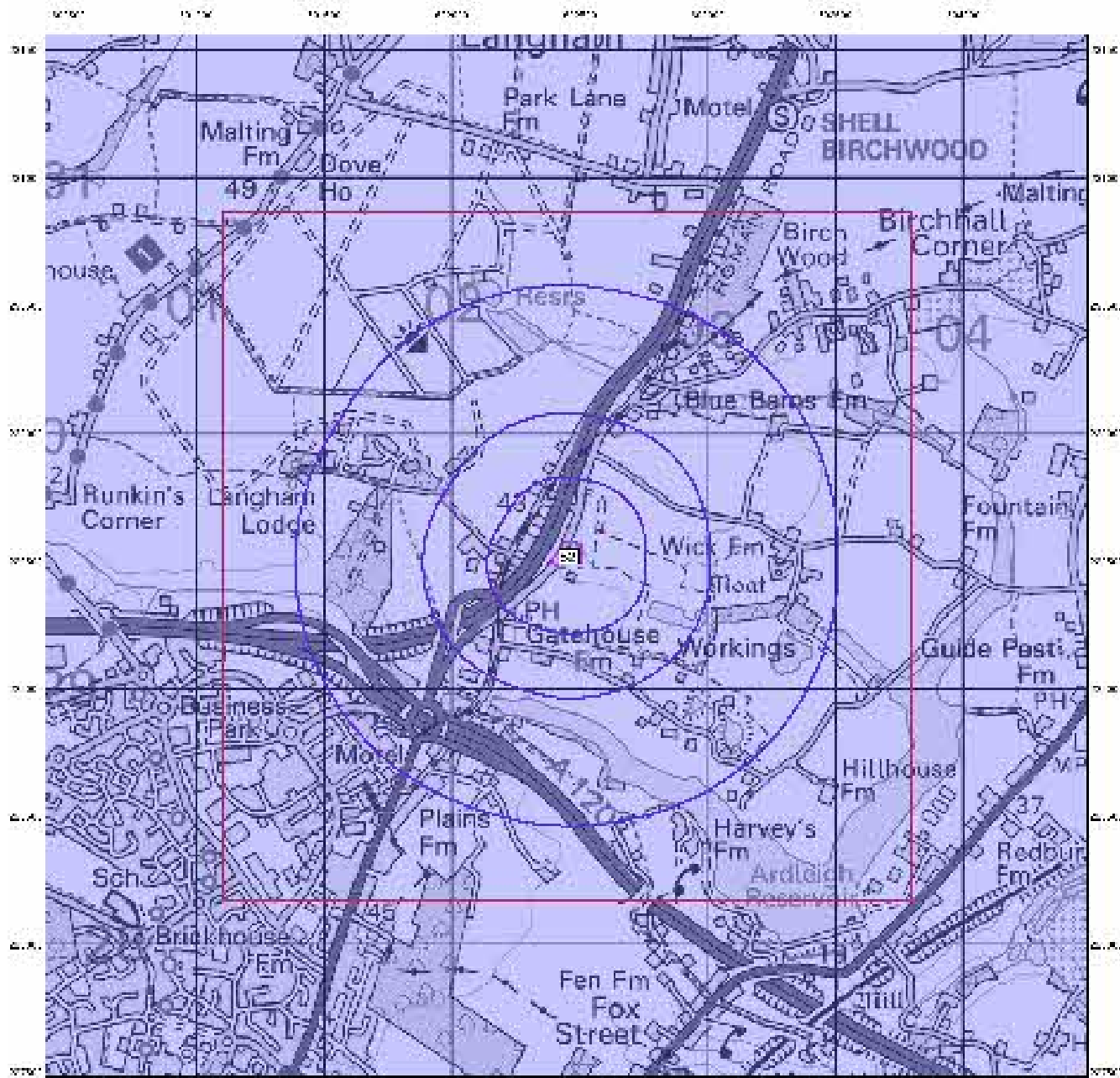
Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
 Slice: A
 Site Area (Ha): 0.97
 Search Buffer (m): 1000

Site Details

Land to south east side of, Old Ipswich Road, Ardeigh, COLCHESTER, Essex, CO7 7QW



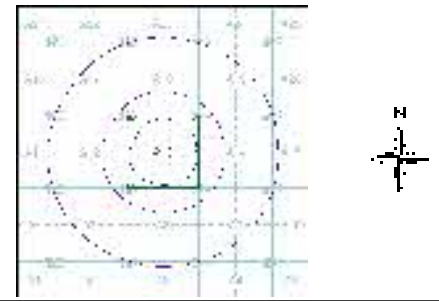
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Source Protection Zones

- General**
- Wellhead
 - Abstraction
 - Discharge
 - Discharge
 - Discharge
- Agency and Hydrological**
- Catchment
 - Catchment
 - Catchment
 - Catchment
 - Catchment
 - Catchment
 - Catchment
 - Catchment
 - Catchment

Site Sensitivity Context Map - Slice A



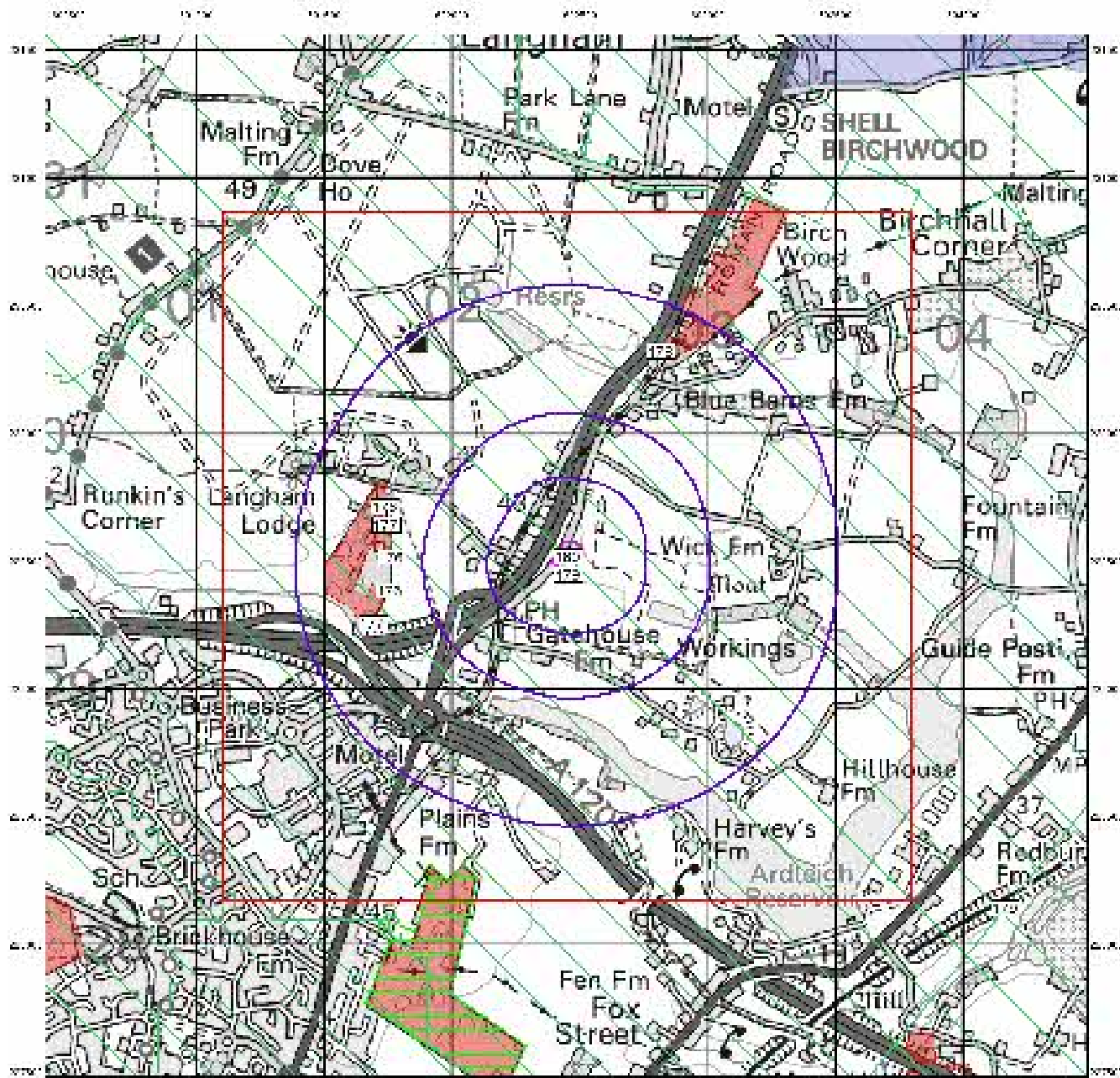
Order Details

Order Number: 317693798_1_1
 Customer Ref: 233063
 National Grid Reference: 602460, 229520
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Site Details

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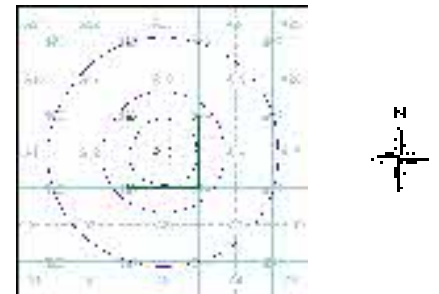




Sensitive Land Uses

- General**
- ◻ (Pink) Proposed Development
 - ◻ (Green) Existing Development
 - ◻ (Blue) Water
 - ◻ (Red) Railway
 - ◻ (Black) Road
 - ◻ (Grey) Boundary
 - ◻ (White) Other
- Sensitive Land Uses**
- ◻ (Red) Flood Warning
 - ◻ (Green) Air Quality Sensitive
 - ◻ (Blue) Area of Windows Overlooking
 - ◻ (Purple) Area of Outstanding Natural Beauty
 - ◻ (Light Blue) Flood Defence
 - ◻ (Dark Blue) Flood Defence
 - ◻ (Light Green) Flood Defence
 - ◻ (Dark Green) Flood Defence
 - ◻ (Light Purple) Flood Defence
 - ◻ (Dark Purple) Flood Defence
 - ◻ (Light Yellow) Flood Defence
 - ◻ (Dark Yellow) Flood Defence
 - ◻ (Light Blue) Flood Defence
 - ◻ (Dark Blue) Flood Defence
 - ◻ (Light Green) Flood Defence
 - ◻ (Dark Green) Flood Defence
 - ◻ (Light Purple) Flood Defence
 - ◻ (Dark Purple) Flood Defence
 - ◻ (Light Yellow) Flood Defence
 - ◻ (Dark Yellow) Flood Defence

Site Sensitivity Context Map - Slice A



Order Details

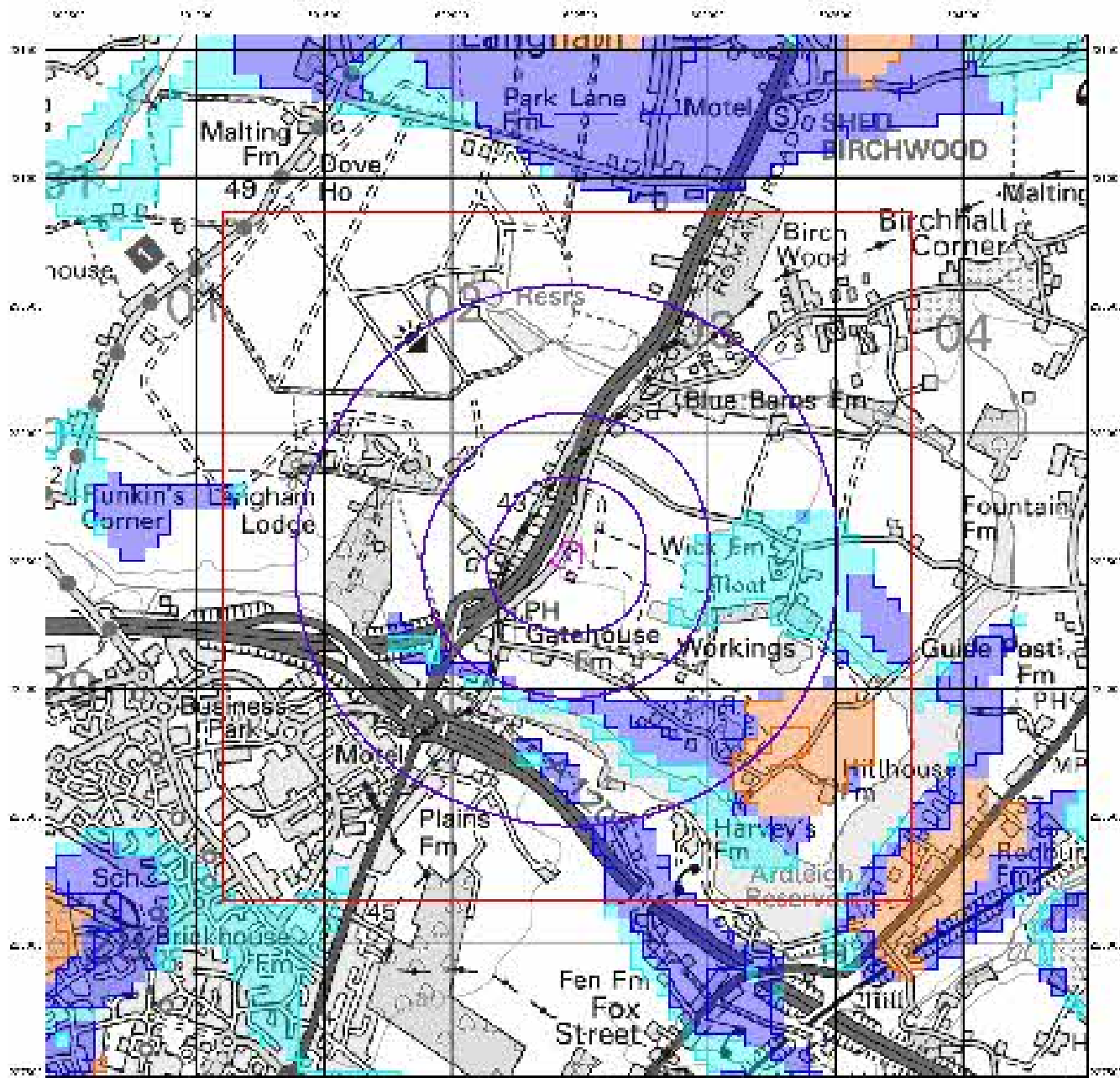
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BGS Flood GFS Data

- General**
- Watercourse
 - Sewer
 - Power Line
 - Telephone Line
 - Road
- Agency and Hydrological (Fluvial)**
- Flood Risk from Surface Water
 - Flood Risk from Inland Water
 - Flood Risk from Coastal Water

Site Sensitivity Context Map - Slice A



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Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay and Silt	Not Supplied - Holocene
	LOFT	Lowestoft Formation	Sand and Gravel	Not Supplied - Anglian
	KGCA	Kesgrave Catchment Subgroup	Sand and Gravel	Not Supplied - Pleistocene
	CSD	Cover Sand	Clay, Silt and Sand	Not Supplied - Quaternary
	HEAD	Head	Diamicton	Not Supplied - Quaternary
	PEAT	Peat	Peat	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	THAM	Thames Group	Clay, Silt and Sand	Not Supplied - Eocene



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:	224
Map Name:	Colchester
Map Date:	2010
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



Order Details:

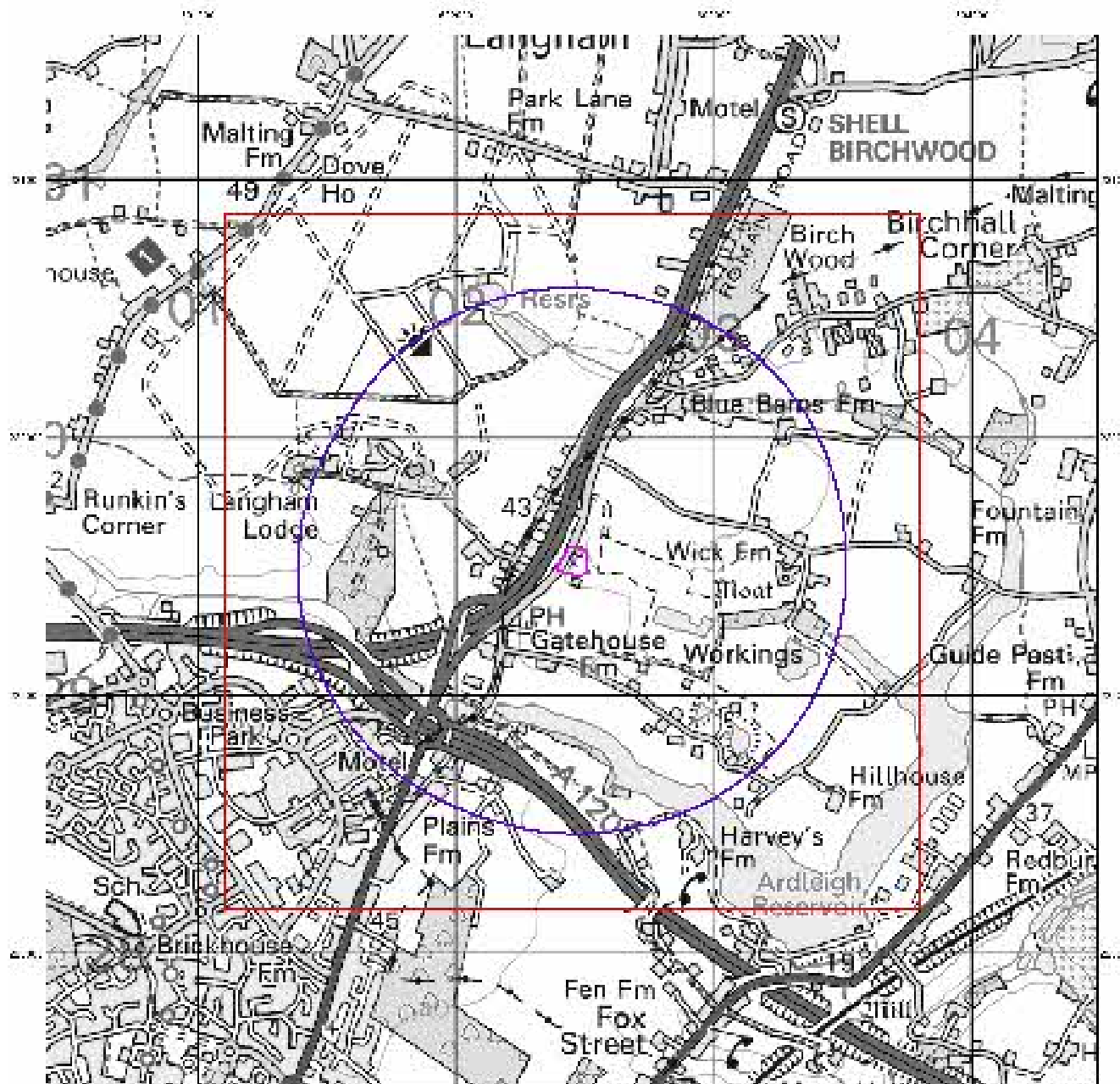
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Customer Reference:	233063
National Grid Reference:	602460, 229520
Slice:	A
Site Area (Ha):	0.97
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Artificial Ground and Landslip

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



Order Details:

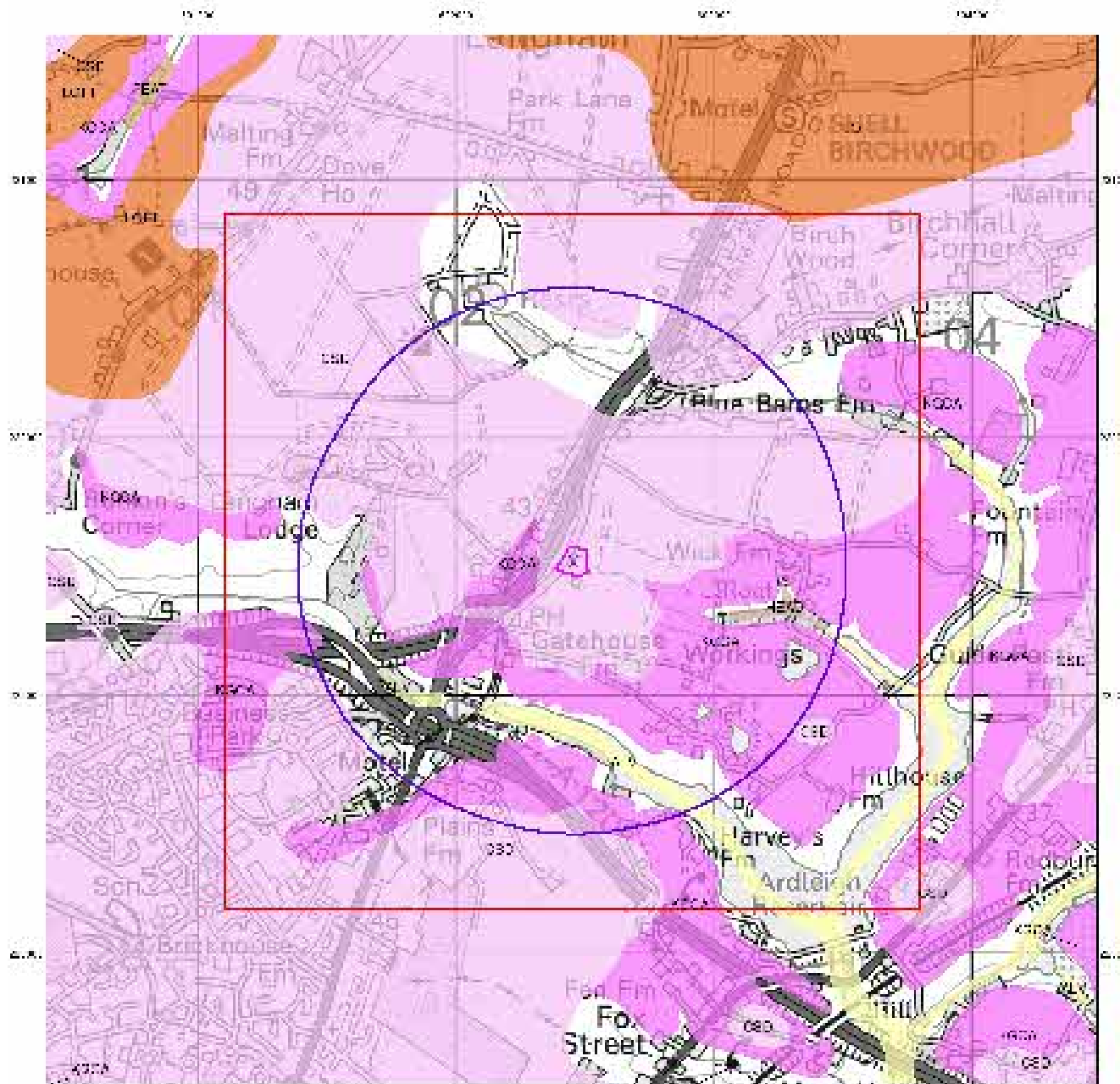
Order Number: 317693798_1_1
 Customer Reference: 233063
 National Grid Reference: 602460, 229520
 Slice: A
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Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

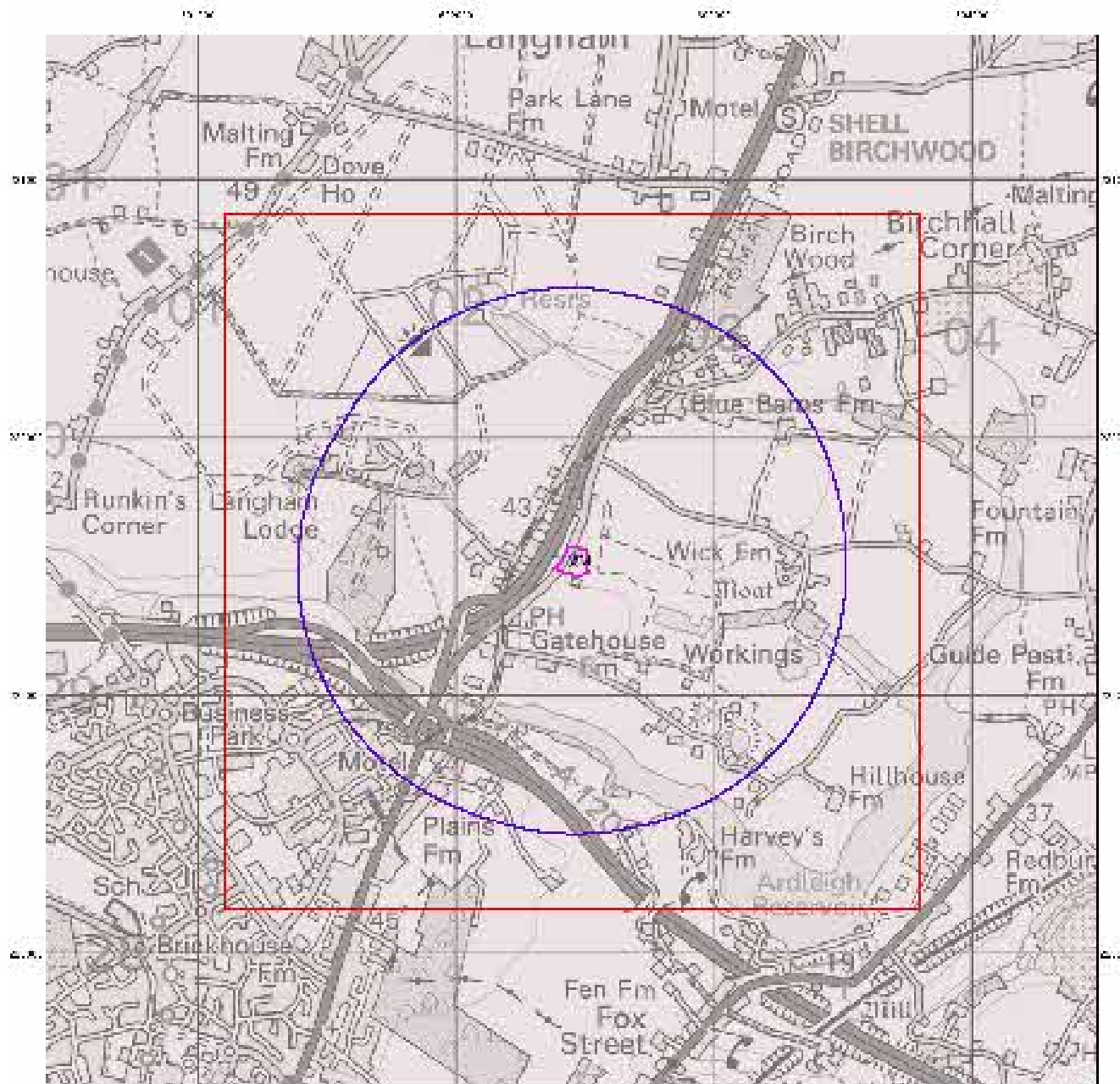
Order Number: 317693798_1_1
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Bedrock and Faults

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



Order Details:

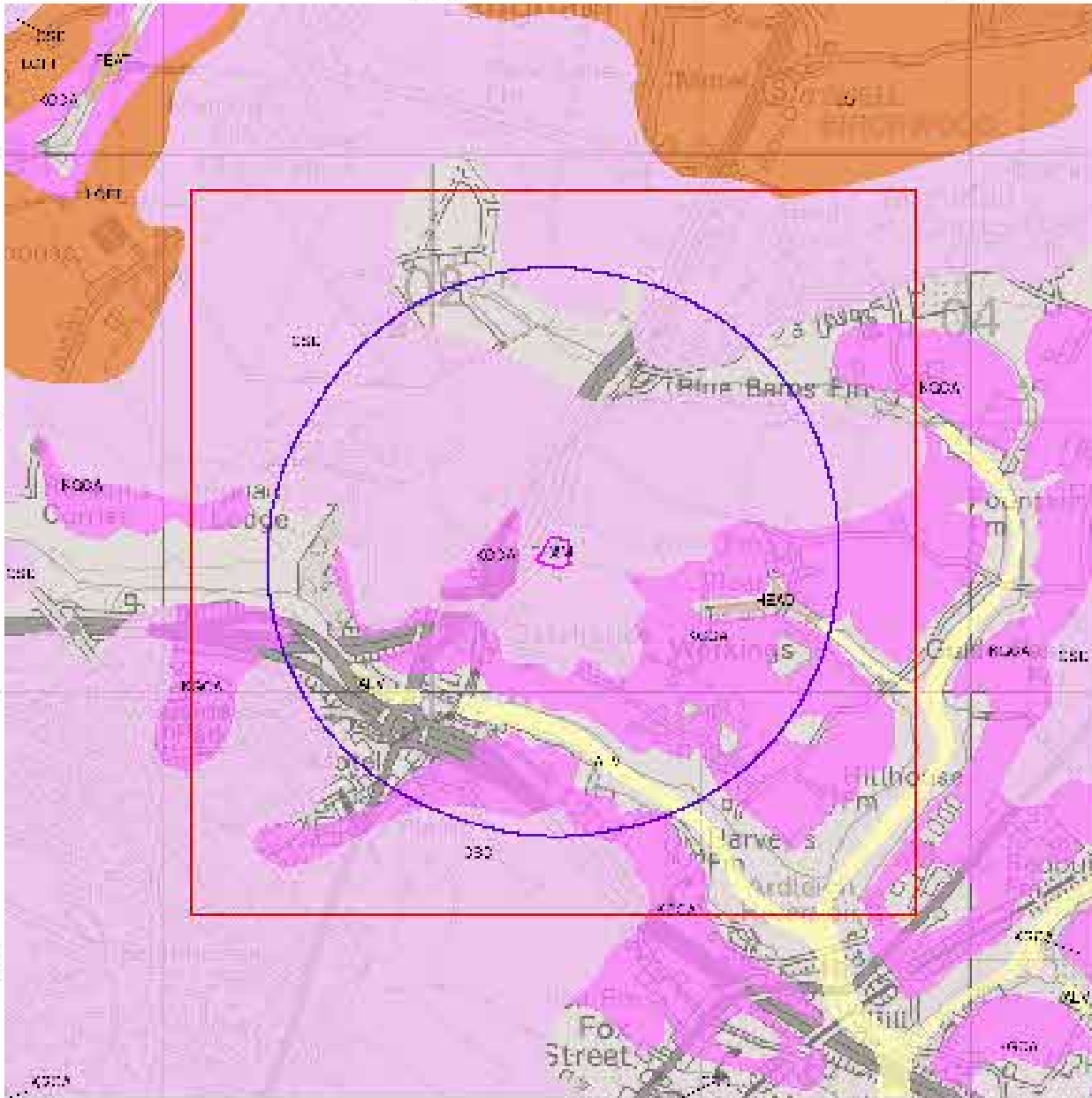
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Combined Surface Geology

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

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

Additional Information

More information on 1:50,000 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

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 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



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Appendix (iii)
Photographs



Selected Photographs taken during Site Walkover



Site entrance looking towards Old Ipswich Road



Car park and offices adjacent to site entrance



Road Sign storage in north eastern corner



Iron work storage



Old building in north eastern corner



Recycling area



Car park and offices



Car park and offices



Washdown Area



Grit storage area in south eastern corner



Container storage



Armco storage area



Parked vehicles



Salt saturator tanks



Salt Saturator and Fuel tanks



Above ground fuel tanks



Above ground fuel tanks and fueling area



Appendix (iv)
Definitions of Risk

CLASSIFICATION OF CONSEQUENCE

Classification	Definition	Examples
Severe	<p>Highly elevated concentrations likely to result in “significant harm” to human health as defined by the EPA 1990, Part 2A, if exposure occurs.</p> <p>Equivalent to EA Category 1 pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point; major impact on amenity value or major damage to agriculture or commerce.</p> <p>Major damage to aquatic or other ecosystems, which is likely to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long-term maintenance of the population.</p> <p>Catastrophic damage to crops, buildings or property.</p>	<p>Significant harm to humans is defined in circular 01/2006 as death, disease, serious injury, genetic mutation, birth defects or the impairment of reproductive functions.</p> <p>Major fish kill in surface water from large spillage of contaminants from site.</p> <p>Highly elevated concentrations of List I and II substances present in groundwater close to small potable abstraction (high sensitivity).</p> <p>Explosion, causing building collapse (can equate to immediate human health risk if buildings are occupied).</p>
Medium	<p>Elevated concentrations which could result in “significant harm” to human health as defined by the EPA 1990 Part 2A, if exposure occurs.</p> <p>Equivalent to EA Category 2 pollution incident including significant effect on water quality; notification required to abstractors; reduction in amenity value or significant damage to agriculture or commerce.</p> <p>Significant damage to aquatic or other ecosystems, which may result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long-term maintenance of the population.</p> <p>Significant damage to crops, buildings or property.</p>	<p>Significant harm to humans is defined in circular 01/2006 as death, disease, serious injury, genetic mutation, birth defects or the impairment of reproductive functions.</p> <p>Damage to building rendering it unsafe to occupy e.g. foundation damage resulting in instability.</p> <p>Ingress of contaminants through plastic potable water pipes</p>
Mild	<p>Exposure to human health unlikely to lead to “significant harm”.</p> <p>Equivalent to EA Category 3 pollution incident including minimal or short lived effect on water quality; marginal effect on amenity value, agriculture or commerce.</p> <p>Minor or short lived damage to aquatic or other ecosystems, which is unlikely to result in substantial adverse change in its functioning or harm to a species of special interest that would endanger the long-term maintenance of the population.</p> <p>Minor damage to crops, buildings or property.</p>	<p>Exposure could lead to slight short-term effects (e.g. mild skin rash).</p> <p>Surface spalling of concrete.</p>
Minor	<p>No measurable effect on humans.</p> <p>Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems.</p> <p>Repairable effects of damage to buildings, structures and services.</p>	<p>The loss of plants in a landscaping scheme.</p> <p>Discolouration of concrete.</p>

Taken from Annex 4 Qualitative risk assessment. Guidance for the Safe Development of Housing on Land Affected by Contamination R&D66:2008 Volume 2 Appendices and Annexes. NHBC and Environment Agency.



CLASSIFICATION OF PROBABILITY

Category	Definition	Examples
High Likelihood	There is a pollutant linkage and an event would appear very likely in the short-term and almost inevitable over the long-term, or there is evidence at the receptor of harm or pollution.	a) Elevated concentrations of toxic contaminants are present in soils in the top 0.5m in a residential garden. b) Ground/groundwater contamination could be present from chemical works, containing a number of USTs, having been in operation on the same site over 50 years.
Likely	There is pollutant linkage and all the elements are present and in the right place which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short-term and likely over the long-term.	a) Elevated concentrations of toxic contaminants are present in soils at depths of 0.5-1.0m in a residential garden, or the top 0.5m in public open space. b) Ground/groundwater contamination could be present from an industrial site containing a UST present between 1970 and 1990. The tank is known to be single skin. There is no evidence of leakage although there are no records of integrity tests.
Low Likelihood	There is pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a long period such an event would take place, and is less likely in the shorter term.	a) Elevated concentrations of toxic contaminants are present in soils at depths >1.0m in a residential garden, or 0.5-1.0m in public open space. b) Ground/groundwater contamination could be present on a light industrial unit constructed in the 1990s containing a UST in operation over the last 10 years – the tank is double skinned but there is no integrity testing or evidence of leakage.
Unlikely	There is pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long-term.	a) Elevated concentrations of toxic contaminants are present below hard standing. b) Light industrial unit <10 years old containing a double skinned UST with annual integrity testing results available.

CLASSIFICATION OF RISK

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low Likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Description of the classified risks

Very high risk

There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without remediation action OR there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to the site owner/or occupier. Investigation is required as a matter of urgency and remediation works likely to follow in the short term.

High risk

Harm is likely to arise to a designated receptor from an identified hazard at the site without remediation action. Realisation of the risk is likely to present a substantial liability to the site owner/or occupier. Investigation is required as a matter of urgency to clarify the risk. Remediation works may be necessary in the short-term and are likely over the longer term.

Moderate risk

It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely, that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to the site owner/occupier. Some remediation works may be required in the longer term.

Low risk

It is possible that harm could arise to a designated receptor from identified hazard, but it is likely at worst, that this harm if realised would normally be mild. It is unlikely that the site owner, or occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remediation works are likely to be relatively limited.

Very low risk

It is a low possibility that harm could arise to a designated receptor, but it is likely at worst, that this harm if realised would normally be mild or minor.

No potential risk

There is no potential risk if no pollution linkage has been established.



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