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**Desk Study and Risk Assessment  
Cherrygate Farm  
Mendlesham  
Suffolk  
104788  
November 2023**

Client:  
Supersips Ltd  
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## **Appendices**

Appendix A Site location plan and site plan

Appendix B Geology report

Appendix C Historical land use and historical maps

Appendix D Full Envirocheck Report

Appendix E Potential contaminative sources plan

Appendix F Conceptual site model

Appendix G Proposed new building location plan

ii) Distribution

Supersips Limited	1 copy
Norfolk Partnership Laboratory	1 copy

## 1.0 Introduction

### 1.1 General

This desk study was carried out at Cherrygate Farm, Mendlesham, Suffolk (OSGR 611645/264113). The area under consideration is a former poultry farm which currently manufactures structural insulated panels. Mr L Crossley of Supersips Ltd instructed Norfolk Partnership Laboratory (NPL) to carry out the work after acceptance of Norfolk Partnership Laboratory's quotation. NPL provides a service within Norse Eastern Ltd.

This investigation fulfils the requirements for a desk study and walkover survey as specified in NHBC Standards, Chapter 4.1 Land Quality - managing ground conditions, January 2019. In addition, a risk assessment has been carried out to the requirements of The Environmental Protection Act Part IIA.

This desk study is inclusive of a full Envirocheck report, Envirocheck historical maps and historical land use. In addition, consideration is given to the health and safety of construction workers and subsequent residents that may be affected due to any soil contamination of the site.

It is proposed to construct a new fabrication building on the western side of the site approximately 1800m<sup>2</sup> in area. The desk study will also assess the risks associated with the remainder of the site.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Although every effort has been made to give a true assessment of the condition of the site within the constraints of the desk study, it is possible that different ground conditions or contamination may exist in parts of the site that is neither recorded nor visible. The risk of such occurrences should be further reduced by the main investigation if required.

### 1.2 Report objectives

The objectives of these works are to assess contamination sources, pathways, and receptors, and to determine whether any contamination may be present either within the site boundaries or just outside the site. The report also assesses the extent to which human health, buildings and services and controlled waters may be affected. If contamination is thought likely to be present, recommendations will be made to ascertain the level of contamination and if these levels are within allowable limits.

### 1.3 Site location

The site is located in in the parish of Mendlesham in Suffolk approximately 2.10 kilometres to the south east of the village of Mendlesham. (OSGR 595171/267819). Supersips Ltd is located at Cherrygate Farm approximately 300 metres to the west of the A140.

Site location plans are included in Appendix A

#### 1.4 Site layout

The whole site is roughly rectangular in shape and approximately 2.91 hectares in area and 60 metres above Ordnance Survey Datum. The site comprises of eight former poultry sheds three of which have been converted and are used for the manufacture of the structural insulated panels. The proposed fabrication building is to be located on the western side of the site close to the western boundary.

#### 1.5 Planning application

The site is subject to the planning conditions of Babergh and Mid Suffolk Council ref DC/21/01048 with conditions.

The most recent application DC/21/01048 refers to discharge of Conditions 3 (water energy and resource requirements), 15 (scheme of delivery to be agreed) and 17 (spillage procedures). The Local Planning Authority has reviewed the further information supplied and all three conditions have been discharged.

## 2.0 Desk Study

### 2.1 Description of site and surroundings

A walkover survey was undertaken by Mr S Berwick of NPL on 24 October 2023.

The site is accessed from the A140 on to a track approximately 200 metres in length which passes White Oak Farm. The site is entered at the southern end of the eastern boundary. The surfacing changes from asphalt to concrete. The concrete road extends to the west and to the north on either side of the former poultry sheds.

There are twelve buildings on the site these comprise a small block built office building close to the site entrance which has a cement board roof. A small brick built shed in the south west corner which houses a generator with two diesel tanks located on the south and west side. The tank on the southern side was redundant. In the north east corner is a large portal framed hay barn which is used presently for storing waste timber off cuts. A new timber clad office building is located on the eastern side adjacent to the concrete road.

The remaining eight buildings were all former poultry sheds. Three of the sheds located centrally have been converted and are used to manufacture the structural insulated panels. All three sheds had intact concrete floors with a secure temperature controlled chemical store in shed three with speed humps across the two entrances to aid spillage retention if any were to occur. Spill kits were also present within shed three. Manufacturing chemicals are delivered to the site on a roughly fortnightly basis so smaller volumes are present on the site at any given time. Of the remaining five buildings two are located close to the southern boundary and three at the northern end of the site, these are all remnants of the previous poultry farm and have had no additional works or conversions. The two in the south are large block built sheds with concrete floors with cement board roofs. The three in the north are also clad with cement board with concrete floors. All five of the buildings were utilised for the storage of manufactured panels. Some waste items such as scrap metal was noted close to the sheds in the north.

In a previous report by NPL dated April 2021 (Section 3.4) It was noted that the internal floor detail to the poultry sheds allowed for the harvesting of the water and slurry when the poultry sheds were pressure washed and cleaned following each occupancy. The effluent was collected in a gutter and discharged through drain covers to a sealed concrete lined underground tanks. These tanks remain on the site.

The proposed new build is located on the western side. Currently the southern portion of this area was undergoing removal of concrete which was stockpiled in the north west corner. The 2000 and 2007 aerial photographs show two additional poultry sheds once present in this area. A weed covered stockpile of Topsoil was close to the generator building. A concrete slab was present where empty IBC's, timber and large cylindrical banded diesel tank were all located. The diesel tank supplies the delivery vehicles and forklifts. Some surface water was noted on the north western side of the site.

Site location plans are included in Appendix A.



Photograph 1: Western side of the site where the new building is proposed. Bunded diesel tank on the right hand side.



Photograph 2 : West side southern end. (new building location)





Photograph 3 : West side northern end. (new building location)



Photograph 4: Generator building south west corner. Above ground bunded tank to the right.



Photograph 5: Redundant tank to the rear of generator building



Photograph 6: Three repurposed sheds (3, 4, 5) for SIPs manufacture. Western elevations.



Photograph 7: Shed 3, hump installed for spill retention



Photograph 8 : Shed 3 temperature controlled chemical storage with spill kits



Photograph 9: Sheds 3, 4 and 5 eastern side.



Photograph 10 : Land between shed 3 and 4 with below ground slurry tank



Photograph 11: : Land between shed 4 and 5



Photograph 12: Large former poultry sheds at the southern end of the site.  
Viewed from the western side. Sheds 1 & 2.



Photograph 13: Sheds viewed from the eastern side



Photograph 14: Land between the two sheds.



Photograph 15: Shed 1 at the southern end of the site. Viewed from southern boundary. Surface water ditch in foreground.



Photograph 16: Storage inside shed 1.



Photograph 17: Smaller former poultry sheds 6 & 7 at the northern end of the site.



Photograph 18: Poultry shed 8 close to the northern boundary.





Photograph 19 : Shed 8 close to northern boundary.



Photograph 20 : Shed 8 close to northern boundary. Western end.



Photograph 21: Hay barn in the north eastern corner storing timber off cuts.



Photograph 22: View of the eastern half of the site from the northern boundary looking south. New timber clad office left of concrete road.

## 2.2 Desk study research undertaken

In accordance with the recommendations of Chapter 4.1 of NHBC Standards desk study information has also been gathered from numerous sources. These are summarised below:

- Institute of Geological Sciences, Hydrogeological Map of Southern East Anglia, Sheet 1 Regional Hydrological Characteristics and Explanatory Notes.
- Institute of Geological Sciences, Hydrogeological Map of Southern East Anglia, Sheet 2 Chalk, Crag, and Lower Cretaceous Sands: Geological Structure.
- Institute of Geological Sciences - British Regional Geology East Anglia and Adjoining Areas (Fourth Edition) 1961.
- British Geological Survey, East Anglia Sheet 52N00, Solid Geology; Scale 1:250,000.
- British Geological Survey, East Anglia Sheet 52N00, Quaternary; Scale 1:250,000.
- BGS Geology Sheet number 190.
- Ordnance Survey Digital Map.
- Ordnance Survey Maps 1884, 1885, 1904, 1905, 1952, 1957, 1976, 1985, 1991, 1995, 2000, 2023.
- BRE BR211 Radon: Guidance on protective measures for new dwellings.
- BRE SD1 Concrete in aggressive ground.
- BS 10175:2011 – Investigation of potentially contaminated sites.
- Department of the Environment Industry Profiles.
- CIRIA C665 Assessing risks posed by hazardous ground gases to buildings, 2007.
- BS 8485:2015 - Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings.

### 2.3 Past and current activities at the site

On the 1885 OS map the site area is located in a larger field numbered 387 and a smaller land parcel numbered 390. The larger land parcel is a field with deciduous trees around the boundaries, no buildings are present within the land parcel. The smaller area numbered 390 to the south is annotated "Clarkes Barn". An "n" shaped building is shown at the west end with a track to the main road which is to the east and in the same proximity to the current A140. A pond surrounded with trees is also on the eastern side closer to the main road. A Benchmark of 206 (feet) is on the eastern side of the main road. Rabbs Lane is approximately 200 metres to the west. The surroundings comprise enclosed agricultural land with Green Farm, Oak Farm, Hill Farm, Grove Farm, Coles Farm, White Farm all shown. Tan Office is approximately 1.0 kilometre to the south west.

No significant changes are shown on the 1904 OS map. An additional small square structure is present just to the north west of the larger Clarkes Barn. On the 1905 1:10560 OS Map the site is annotated Clarkes Farm.

No changes of significance are shown to the site on the 1952 1:10560 OS Map. "Airfield" is annotated approximately 1.0 kilometre to the north and east of the site. Mendlesham airfield was built during 1943 and opened late in December. The site was used by RAF Fighter command and USA Airforce. With the end of military control the former technical site of Mendlesham to the southwest of the airfield was developed into an industrial estate. The remainder of the airfield was returned to agricultural use with the runways, hardstandings and perimeter track removed for aggregate although parts of the perimeter remain as single-track farm access roads.

On the 1957 OS map the larger former arable agricultural land to the north of Clarkes Farm is shown with approximately eighteen rectangular buildings present. The Airfield to the east is annotated "disused" with the runway and turning areas visible. Much of the land to the north is also shown with many smaller buildings present which were probably associated with Airfield.

On the 1976 OS map the site has approximately 25 rectangular buildings present annotated as poultry houses. A small pond is in the south western corner. A pond is also annotated off site approximately 150 metres to the north west. Further to the north Tower Farm and a Post Office Repeater Station are shown.

On the 1:10000 1985 OS Map the site appears unchanged with the exception of an additional long rectangular poultry shed in the south of the site. A spot height of 62 metres is at the entrance to the site off the A140. A piggery is at Tower Farm 250 metres to the north with a Television Transmitting Station 250 metres to the east. Mendlesham Airfield with depot and warehouses is approximately 300 metres to the south east.

On the 1995 OS map no significant changes are shown within the site where approximately 30 buildings remain annotated as Poultry Houses.

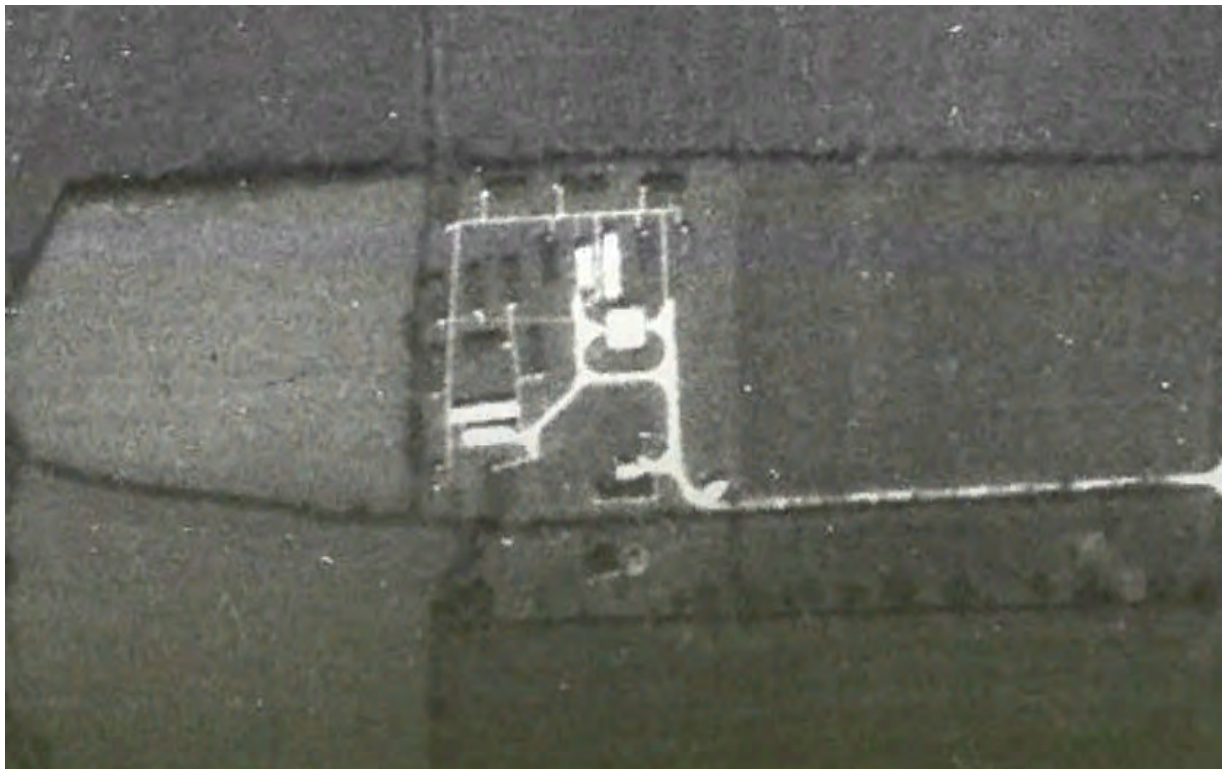
On the 2000 10K raster map the number of Poultry Houses on the site has reduced to approximately 15. No changes of significance are apparent to the surroundings.

On the 2023 Steet View OS the site has undergone some changes with many of the smaller buildings removed. Five large rectangular poultry houses can be seen with approximately six smaller buildings to the north and east. A service perimeter road around the site is also visible.

Supersips Ltd has occupied the site for approximately 2 ½ years. Planning permission for change of use of land and buildings from poultry unit to structural insulated panels manufacturer was granted in January 2022.

A full set of historical maps can be found in Appendix C and a full Envirocheck report is included in Appendix D

#### Historical aerial images



1945 aerial image



2000 aerial image



2007 aerial image. Modern additions of sheds 3 and 4.



2015 aerial image. Shed 5 present



2020 aerial image



2022 aerial image

#### 2.4 Intended future use of the site

It is proposed to construct a new fabrication building on the western side of the site approximately 1800m<sup>2</sup> in area.

#### 2.5 Planning applications or permissions at the site

The site is subject to the planning conditions of Babergh and Mid Suffolk Council.



## 2.6 Geology

The geology of the region may be summarised as follows: -

Pleistocene : Lowestoft Formation  
: Crag

The **Lowestoft Formation** forms an extensive sheet of chalky till, together with outwash sands and gravels, silts, and clays. The till is characterised by its chalk and flint content. The deposit overlies a large range of Mesozoic, Palaeogene, Neogene and early Pleistocene bedrock formations, and in eastern East Anglia also overlies the older glacial Happisburgh Formation. The tills within the Lowestoft Formation typically contain a significantly higher percentage of chalk than the underlying tills. Thickness of the deposit is extremely variable, thickest in buried valleys where locally up to 60 metres may be present. Thick accumulations are also more generally present beneath much of northern Essex and south Suffolk.

The **Crag** was formed when, after a long period of standing above sea level, the area was submerged by a marine transgression caused by movements of the sea floor during a period of coastal instability in the region. The deposits are a variable series of yellowish or reddish brown sands, laminated clays and pebbly gravels. In places they are highly fossiliferous, shell fragments being especially prolific. The thickness of these deposits are variable between 5 and 60 metres.

A geology report is included in Appendix B of this report.

## 2.7 Hydrogeology and Hydrology

According to the Regional Hydrogeology Map of Southern East Anglia, the Crag is the principal aquifer for the area. The estimated minimum hydrostatic level of the Crag water table in the vicinity of the site is approximately 30 metres above Ordnance Survey Datum.

The site is 62 metres above Ordnance Survey Datum therefore the groundwater is thought to be 32 metres below the site.

The site falls within the Environment Agency Inner Zone 1 for groundwater source protection. A borehole operated by Northumbrian Water Ltd for potable water supply is located approximately 160 metres to the north of the site.

The site is not within the Environment Agency Flood Zones.

According to the BGS Flood map the site is within an area with limited potential for groundwater flooding to occur.

The bedrock Crag is designated a Principal aquifer. The superficial Lowestoft Formation is designated Secondary Undifferentiated.

An historical borehole log is available to view on the BGS website id 562930 drilled in 1988 by George Stow Co Ltd. The borehole was located close to the television transmitter site which is approximately 160 metres to the north and drilled for East Anglian Water Company for a pumping station. The borehole was 47 metres deep. The Lowestoft Formation was present to 36 metres. Crag was present from 36 metres to 44 metres where the chalk deposit was encountered. The rest water level was 25 metres below ground level.

### 3.0 Identification of potential contaminants of concern and source areas

Historical land use indicates that the site has had a single use as a poultry farm prior to change of use to the manufacture of structural insulated panels. The 1976 historical map shows numerous "Poultry Houses" present on the site with the modern sheds 3 and 4 on the 2007 OS and shed 5 present on the 2015 aerial photograph. A number of potential pollutants are identified in the Department of the Environment Industry profiles. The profile for miscellaneous industries was considered partially relevant to the site. After visual examination of the site and reviewing information from the desk study the following have been identified as potential pollution sources.

- a) Chemical storage in Shed 3 of toluene di-isocyanate (TDI) methylene di-isocyanate (MDI) and Methylene Chloride.
- b) Two above ground diesel tanks adjacent to generator building.
- c) New bunded diesel tank close to shed 4 for vehicle and forklift refuelling.
- d) On site Made Ground deposits.
- e) Cement board roofs to sheds 1, 2, 6, 7 and 8.
- f) Former use as a poultry farm.
- g) Off site former RAF Mendlesham

These have a variety of potential pollution linkages.

#### 3.1 Consultations with the local authority

No consultations have taken place with Babergh and Mid Suffolk Council regarding this report.

#### 3.2 Consultations with the Environment Agency

No consultations have taken place with the Environment Agency.

#### 3.3 Consultations with other appropriate bodies

No other bodies have been consulted during the compilation of this report.

#### 3.4 Review and summary of previous reports

A site investigation including quantitative risk assessment was undertaken in April 2021 by Norfolk Partnership Laboratory report ref : 101830. The report assessed the risks posed by the storage of toluene di-isocyanate (TDI) methylene di-isocyanate (MDI) and Methylene Chloride in Shed 3. The report was to provide information required by Essex and Suffolk Water and the Environment Agency with regard to the risk posed to the public water supply borehole located approximately 160 metres to the north of the site. Condition 17 (spillage procedures) of planning permission DC/21/01048 has now been discharged.

## 4.0 Risk Assessment

### 4.1 Conceptual Model

The known or perceived sources of contamination and pollution linkages are assessed in this section. The conceptual model is realised here in tabulated form.

### 4.2 Sources of contamination

Historical land use indicates that the site has had a single use as a poultry farm prior to change of use to the manufacture of structural insulated panels. The 1976 historical map shows numerous "Poultry Houses" present on the site with the modern sheds 3 and 4 on the 2007 OS and shed 5 present on the 2015 aerial photograph. A number of potential pollutants are identified in the Department of the Environment Industry profiles. The profile for miscellaneous industries was considered partially relevant to the site. After visual examination of the site and reviewing information from the desk study the following have been identified as potential pollution sources.

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These have a variety of potential pollution linkages.

### 4.3 Pollution Linkages

Each of the potential contaminants may have a number of pollution linkages. Each of these linkage types has a number of potential pathways.

- i) Surface soil linkages
  - a) Direct contact ingestion or absorption
  - b) Indirect contact ingestion or absorption
  - c) Leaching to groundwater
  
- ii) Subsurface soil linkages
  - a) Direct contact ingestion or absorption
  - b) Indirect contact ingestion or absorption
  - c) Leaching to groundwater
  
- iii) Surface water linkages
  - a) Direct contact ingestion or absorption
  - b) Indirect contact ingestion or absorption
  - c) Percolation to groundwater
  
- iv) Groundwater linkages
  - a) Direct contact ingestion or absorption
  - b) Indirect contact ingestion or absorption
  
- v) Airborne linkages
  - a) Vapour intrusion into confined / indoor spaces
  - b) Inhalation or absorption of particulates
  - c) Inhalation or absorption of volatile compounds

#### 4.4 Receptors

A number of potential receptors exist. These can be broadly grouped as

- i) Construction Worker
- ii) Site operative
- iii) Trespasser
- iv) Local population
- v) Flora and fauna
- vi) Buildings
- vii) Surface Water
- viii) Groundwater

For each source, the linkage type, pathway, and potential receptors can be identified. A level of risk if no action is taken can then be assigned to each of these linkages. The level of risk has been divided into six categories as follows

Very Low Risk – Considered very unlikely or impossible

Low Risk – Considered conceivable but unlikely

Medium Risk – Considered possible but unusual

High Risk – Considered probable ie about 50% chance

Very High Risk – Considered that it is to be expected to happen

Certainty – Considered that it will happen

Note: These risks are related to the probability of an event happening. They do not relate to the severity of the effects on human health or flora and fauna nor the financial consequences if the event should happen.

4.4.1 Chemical storage in Shed 3 of toluene di-isocyanate (TDI) methylene di-isocyanate (MDI) and Methylene Chloride

Linkage type	Pathway	Receptor	Risk	
Surface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Site operative	Low	
		Trespasser	Low	
		Flora and fauna	Low	
		Direct contact	Surface water	Low
	Indirect contact ingestion or absorption	Site operative	Low	
Subsurface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Site operative	Low	
		Flora and fauna	Low	
		Direct contact	Buildings and services	Low
		Indirect contact ingestion or absorption	Site operative	Low
	Leaching to groundwater	Local population	Low	
		Flora and fauna	Low	
		Construction Worker	Low	
		Groundwater	Low	
Surface water linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Site operative	Low	
		Trespasser	Low	
		Flora and fauna	Low	
		Direct contact	Buildings and services	Low
		Surface water	Low	
	Percolation to groundwater	Local population	Low	
		Flora and fauna	Low	
		Groundwater	Low	
Groundwater linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Local population	Low	
		Flora and fauna	Low	
		Direct contact	Buildings and services	Low
			Groundwater	Low
	Indirect contact ingestion or absorption	Local population	Low	
		Flora and fauna	Low	
Airborne linkage	Inhalation of particulates	Construction Worker	Low	
		Site operative	Low	
		Trespasser	Low	
		Flora and fauna	Low	
		Local population	Low	
	Inhalation of volatile compounds	Construction Worker	Low	
		Site operative	Low	
		Trespasser	Low	
		Flora and fauna	Low	
		Local population	Low	
	Vapour intrusion into indoor spaces	Site operative	Low	
		Local population	Low	

4.4.2 Two above ground diesel tanks adjacent to generator building.

Linkage type	Pathway	Receptor	Risk
Surface soil linkage	Direct contact ingestion or absorption	Construction Worker	Medium
		Site operative	Medium
		Trespasser	Low
		Flora and fauna	Medium
	Direct contact	Surface water	Low
	Indirect contact ingestion or absorption	Site operative	Low
Subsurface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low
		Site operative	Low
		Flora and fauna	Low
	Direct contact	Buildings and services	Low
	Indirect contact ingestion or absorption	Site operative	Low
	Leaching to groundwater	Local population	Low
		Flora and fauna	Low
		Construction Worker	Low
Surface water linkage	Direct contact ingestion or absorption	Construction Worker	Low
		Site operative	Low
		Trespasser	Low
		Flora and fauna	Low
	Direct contact	Buildings and services	Low
		Surface water	Low
	Percolation to groundwater	Local population	Low
		Flora and fauna	Low
		Groundwater	Low
	Groundwater linkage	Direct contact ingestion or absorption	Construction Worker
Local population			Low
		Flora and fauna	Low
Direct contact		Buildings and services	Low
		Groundwater	Low
Indirect contact ingestion or absorption		Local population	Low
		Flora and fauna	Low
Airborne linkage		Inhalation of particulates	Construction Worker
	Site operative		Low
	Trespasser		Low
	Flora and fauna		Low
	Local population		Low
	Inhalation of volatile compounds	Construction Worker	Low
		Site operative	Low
		Trespasser	Low
		Flora and fauna	Low
		Local population	Low
Vapour intrusion into indoor spaces		Site operative	Low
		Local population	Low
		Local population	Low



#### 4.4.3 New bunded diesel tank near shed 4 for vehicle and forklift refuelling.

Linkage type	Pathway	Receptor	Risk		
Surface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low		
		Site operative	Medium		
		Trespasser	Low		
		Flora and fauna	Low		
		Direct contact	Surface water	Low	
	Indirect contact ingestion or absorption	Site operative	Low		
Subsurface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low		
		Site operative	Low		
		Flora and fauna	Low		
		Direct contact	Buildings and services	Low	
		Indirect contact ingestion or absorption	Site operative	Low	
		Leaching to groundwater	Local population	Low	
			Flora and fauna	Low	
		Construction Worker	Low		
		Groundwater	Low		
Surface water linkage	Direct contact ingestion or absorption	Construction Worker	Low		
		Site operative	Low		
		Trespasser	Low		
		Flora and fauna	Low		
		Direct contact	Buildings and services	Low	
			Surface water	Low	
			Percolation to groundwater	Local population	Low
		Flora and fauna	Low		
		Groundwater	Low		
Groundwater linkage	Direct contact ingestion or absorption	Construction Worker	Low		
			Local population	Low	
			Flora and fauna	Low	
		Direct contact	Buildings and services	Low	
			Groundwater	Low	
			Indirect contact ingestion or absorption	Local population	Low
				Flora and fauna	Low
Airborne linkage	Inhalation of particulates	Construction Worker	Low		
		Site operative	Low		
		Trespasser	Low		
		Flora and fauna	Low		
		Local population	Low		
	Inhalation of volatile compounds		Construction Worker	Low	
			Site operative	Low	
			Trespasser	Low	
			Flora and fauna	Low	
			Local population	Low	
Vapour intrusion into indoor spaces		Site operative	Low		
			Local population	Low	
			Local population	Low	

#### 4.4.4 On site Made Ground deposits

Linkage type	Pathway	Receptor	Risk	
Surface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Site operative	Low	
		Trespasser	Low	
		Flora and fauna	Low	
		Surface water	Low	
Subsurface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Site operative	Low	
		Flora and fauna	Low	
		Buildings and services	Low	
		Site operative	Low	
Surface water linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Site operative	Low	
		Trespasser	Low	
		Flora and fauna	Low	
		Buildings and services	Low	
	Percolation to groundwater	Leaching to groundwater	Local population	Low
			Flora and fauna	Low
			Construction Worker	Low
			Groundwater	Low
			Construction Worker	Low
Groundwater linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Local population	Low	
		Flora and fauna	Low	
		Groundwater	Low	
		Groundwater	Low	
	Airborne linkage	Inhalation of particulates	Construction Worker	Low
			Site operative	Low
			Trespasser	Low
			Flora and fauna	Low
			Local population	Low
Inhalation of volatile compounds		Inhalation of volatile compounds	Construction Worker	Low
			Site operative	Low
			Trespasser	Low
			Flora and fauna	Low
			Local population	Low
Vapour intrusion into indoor spaces	Vapour intrusion into indoor spaces	Site operative	Low	
		Local population	Low	

#### 4.4.5 Cement board roofs to sheds 1, 2, 6, 7 and 8.

Linkage type	Pathway	Receptor	Risk		
Surface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low		
		Site operative	Low		
		Trespasser	Low		
		Flora and fauna	Low		
		Surface water	Low		
	Direct contact	Site operative	Low		
		Indirect contact ingestion or absorption	Low		
		Subsurface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low
				Site operative	Low
				Flora and fauna	Low
Direct contact	Buildings and services			Low	
Indirect contact ingestion or absorption	Site operative			Low	
	Leaching to groundwater	Local population	Low		
		Flora and fauna	Low		
		Construction Worker	Low		
		Groundwater	Low		
		Surface water linkage	Direct contact ingestion or absorption	Construction Worker	Low
Site operative	Low				
Trespasser	Low				
Flora and fauna	Low				
Direct contact	Buildings and services			Low	
	Percolation to groundwater	Surface water	Low		
		Local population	Low		
		Flora and fauna	Low		
		Groundwater	Low		
		Groundwater linkage	Direct contact ingestion or absorption	Construction Worker	Low
Local population	Low				
Flora and fauna	Low				
Direct contact	Buildings and services			Low	
Groundwater	Low				
	Indirect contact ingestion or absorption	Local population	Low		
		Flora and fauna	Low		
		Airborne linkage	Inhalation of particulates	Construction Worker	Very high
				Site operative	Very high
				Trespasser	Low
Flora and fauna	Low				
Local population	Low				
	Inhalation of volatile compounds	Construction Worker	Low		
		Site operative	Low		
		Trespasser	Low		
		Flora and fauna	Low		
		Local population	Low		
	Vapour intrusion into indoor spaces	Site operative	Low		
		Local population	Low		

#### 4.4.6 Former use as a poultry farm

Linkage type	Pathway	Receptor	Risk	
Surface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Resident	Low	
		Trespasser	Low	
		Flora and fauna	Low	
		Surface water	Low	
Subsurface soil linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Resident	Low	
		Flora and fauna	Low	
		Buildings and services	Low	
		Resident	Low	
Surface water linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Resident	Low	
		Trespasser	Low	
		Flora and fauna	Low	
		Buildings and services	Low	
	Percolation to groundwater	Leaching to groundwater	Local population	Low
			Flora and fauna	Low
			Construction Worker	Low
			Groundwater	Low
			Construction Worker	Low
Groundwater linkage	Direct contact ingestion or absorption	Construction Worker	Low	
		Local population	Low	
		Flora and fauna	Low	
		Groundwater	Low	
		Buildings and services	Low	
	Indirect contact ingestion or absorption	Leaching to groundwater	Local population	Low
			Flora and fauna	Low
			Groundwater	Low
			Buildings and services	Low
			Groundwater	Low
Airborne linkage	Inhalation of particulates	Construction Worker	Low	
		Resident	Low	
		Trespasser	Low	
		Flora and fauna	Low	
		Local population	Low	
	Inhalation of volatile compounds	Vapour intrusion into indoor spaces	Construction Worker	Low
			Resident	Low
			Trespasser	Low
			Flora and fauna	Low
			Local population	Low
		Resident	Low	
		Local population	Low	

#### 4.4.7 Former RAF Mendlesham

Linkage type	Pathway	Receptor	Risk	
Surface soil linkage	Direct contact ingestion or absorption	Construction Worker	Very Low	
		Resident	Very Low	
		Trespasser	Very Low	
		Flora and fauna	Very Low	
		Surface water	Very Low	
Subsurface soil linkage	Direct contact ingestion or absorption	Resident	Very Low	
		Flora and fauna	Very Low	
		Buildings and services	Very Low	
		Resident	Very Low	
		Leaching to groundwater	Local population	Very Low
Surface water linkage	Direct contact ingestion or absorption	Construction Worker	Very Low	
		Resident	Very Low	
		Trespasser	Very Low	
	Direct contact	Flora and fauna	Very Low	
		Buildings and services	Very Low	
		Surface water	Very Low	
	Percolation to groundwater	Direct contact ingestion or absorption	Local population	Very Low
			Flora and fauna	Very Low
			Groundwater	Very Low
			Construction Worker	Very Low
	Groundwater linkage	Direct contact ingestion or absorption	Construction Worker	Very Low
			Local population	Very Low
			Flora and fauna	Very Low
Direct contact		Buildings and services	Very Low	
		Groundwater	Very Low	
		Local population	Very Low	
Airborne linkage		Inhalation of particulates	Flora and fauna	Very Low
			Construction Worker	Very Low
			Resident	Very Low
			Trespasser	Very Low
	Flora and fauna		Very Low	
	Inhalation of volatile compounds	Local population	Very Low	
		Construction Worker	Very Low	
Airborne linkage	Inhalation of volatile compounds	Resident	Very Low	
		Trespasser	Very Low	
		Flora and fauna	Very Low	
		Local population	Very Low	
		Construction Worker	Very Low	
	Vapour intrusion into indoor spaces	Vapour intrusion into indoor spaces	Resident	Very Low
			Local population	Very Low

#### 4.5 Description of possible pollutant linkages for controlled waters

According to the Regional Hydrogeology Map of Southern East Anglia, the Crag is the principal aquifer for the area. The estimated minimum hydrostatic level of the Crag water table in the vicinity of the site is approximately 30 metres above Ordnance Survey Datum.

The site is 62 metres above Ordnance Survey Datum therefore the groundwater is thought to be 32 metres below the site.

The site is thought to represent a Low Risk – (considered conceivable but unlikely) to the groundwater beneath the site.

#### 4.6 Discussion of uncertainties and gaps in information

It may be possible that there are areas of contamination that have not been found during the walkover survey or the studying of historical maps.

## 5.0 Discussion of risks posed by the site

The risks to this site are generally thought to be low (conceivable but unlikely) with regard to the former poultry production and from the mitigation of risks posed by the manufacture of structural insulated panels.

### 5.1 Chemical storage in Shed 3 of toluene di-isocyanate (TDI) methylene di-isocyanate (MDI) and Methylene Chloride

A site investigation including quantitative risk assessment was undertaken in April 2021 by Norfolk Partnership Laboratory report ref : 101830. The report assessed the risks posed by the storage of toluene di-isocyanate (TDI) methylene di-isocyanate (MDI) and Methylene Chloride in Shed 3. The report was at the request of Essex and Suffolk Water and the Environment Agency with regard to the risk posed to the public water supply borehole located approximately 160 metres to the north of the site.

Speed humps across both entrances to shed 3 would help retain any potential spillages. A secure temperature controlled chemical store is located in shed 3 along with the appropriate spill kits. Chemicals are also delivered on a roughly fortnightly basis so large quantities are not present at any one time.

Condition 17 (spillage procedures) of planning permission DC/21/01048 has now been discharged by Babergh and Mid Suffolk Council.

A Low Risk – conceivable but unlikely has been considered appropriate.

### 5.2 Two above ground diesel tanks adjacent to generator building

Two tanks are in the south west corner close to the generator building (photograph 5). Both tanks are sited on brick/blockwork piers. The steel tank was empty and appears redundant. The plastic tank is bunded. The area was overgrown particularly around the plastic tank, no diesel staining was visible around the older steel tank which was intact. It is possible spillage has occurred during refilling therefore a Medium Risk (considered possible but unusual) is deemed appropriate via a surface soil linkage to some of the site receptors. The risks posed by the tanks via the remaining linkage types are considered Low conceivable but unlikely.

### 5.3 New bunded diesel tank near shed 4 for vehicle and forklift refuelling

A 10000 litre bunded diesel tank with dispenser is located on a concrete hardstanding close to shed 4. The tank fuels the delivery vehicles and forklifts. It is possible spillage has occurred during refilling therefore a Medium Risk (considered possible but unusual) is deemed appropriate via a surface soil linkage to the construction worker and site operatives. The risks posed by the tanks via the remaining linkage types are considered Low conceivable but unlikely. No signs of spillages were noted during the walkover survey.

#### 5.4 Onsite Made Ground deposits

It is likely there are Made Ground deposits on the site below the existing buildings and roadways in the form of subbase construction materials. Historical use as a poultry farm is not thought to have significantly impacted the site particularly with the underground slurry harvesting tanks known to be present, which were thoroughly cleaned after each occupancy.

A Low Risk – conceivable but unlikely has been considered appropriate.

#### 5.5 Cement board roofs to sheds 1, 2, 6, 7 and 8

Cement board sheeting is present as the roofing material to the former poultry sheds excluding 3, 4 and 5 and to the older office building located close to the site entrance. This is likely to contain Asbestos, therefore a potential Very High Risk (considered that it is to be expected to happen) has been assigned to two of the potential receptors via an airborne linkage. Broken and damaged sheets represent a risk due to the release of fibres. In this instance no broken sheets were seen on the site however not all of the buildings were fully accessed.

It is recommended that if removal of any of the former sheds or the office building is proposed in the future as the site develops all potential Asbestos containing material (ACM) should be removed by a suitably licensed contractor and disposed of to a suitably licensed facility. Consignment notes for any removed Asbestos and documentation stating that all Asbestos has been disposed of from the site should be submitted to Babergh and Mid Suffolk Council.

After the removal of all ACM from the site, following the conditions above, the remaining potential risk is very low.

#### 5.6 Former use as a poultry farm.

The historical use as a poultry farm is thought to have had a negligible impact on the site with the exception of the cement board which is known to contain Asbestos. Farming practices which produce food suitable for human consumption are regulated and subject to environmental controls. Slurry was harvested from underground tanks located between the sheds and removed directly from site.

#### 5.7 Former RAF Mendlesham

The Envirocheck Report has highlighted the former RAF Mendlesham to the east of the site as potentially contaminated land. The site was used by RAF Fighter command and USA Airforce. With the end of military control the former technical site of Mendlesham to the southwest of the airfield was developed into an industrial estate. The remainder of the airfield was returned to agricultural use.

This potential contamination source highlighted in the Envirocheck Report is considered Very Low Risk – (considered very unlikely or impossible) to the development.



## 6.0 Recommendations

Based upon the report objectives and the information contained herein it is recommended that an intrusive site investigation for contamination purposes is not required on the site with regard to the proposed new factory building which is to be located on the western side of the site.

The site in its present state generally poses a low risk to human health, controlled waters and buildings and services.

If any unforeseen contamination is found during the construction of the new factory building, work should cease and Norfolk Partnership Laboratory and Babergh and Mid Suffolk Council should be notified immediately.

**Norfolk Partnership Laboratory**  
**Site Investigation Section**

This report was prepared under the direction of

Head of Laboratory Services



I D Brown

Author of report

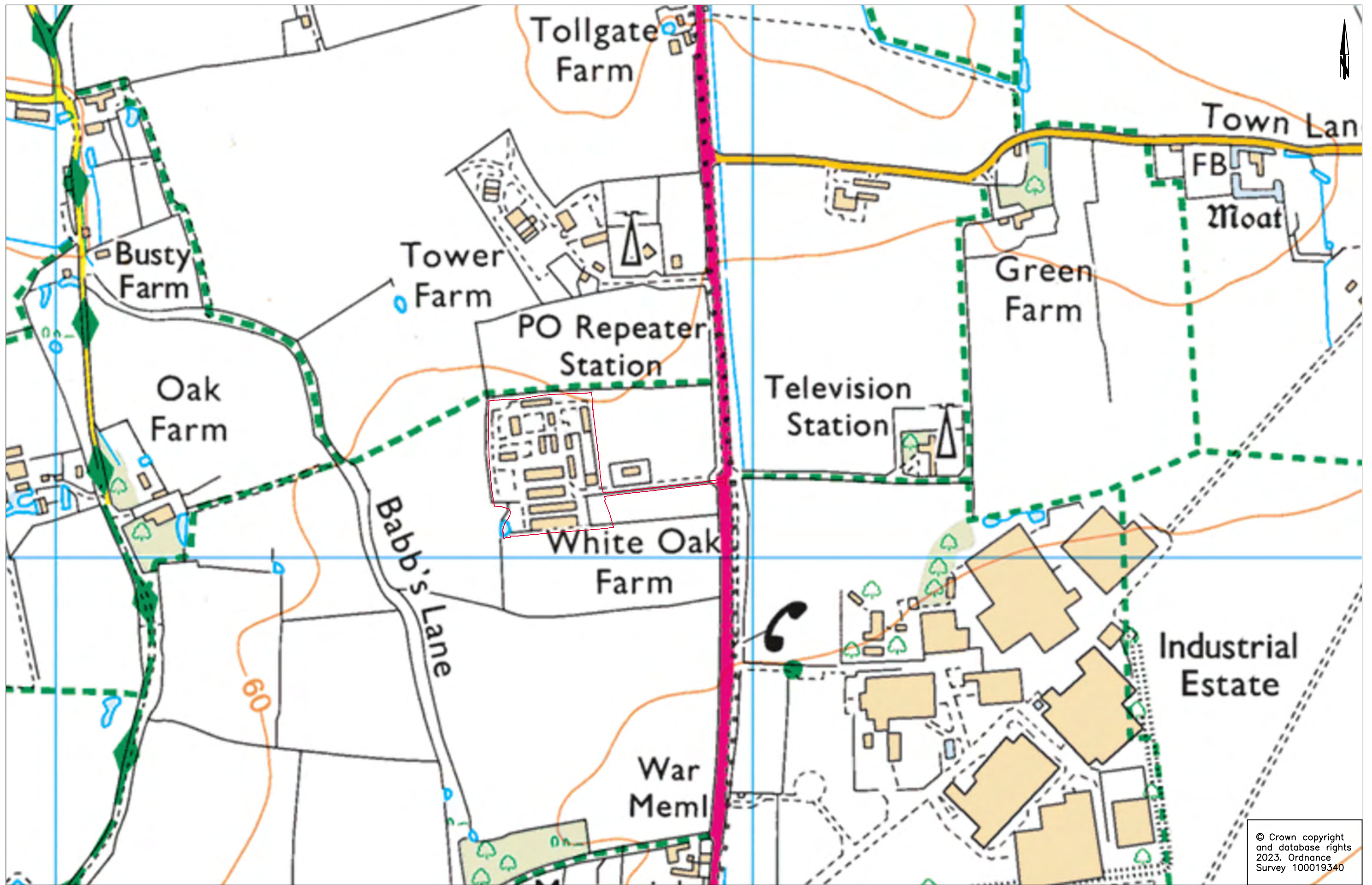
Project Engineer



S P Berwick

Date: 02/11/2023

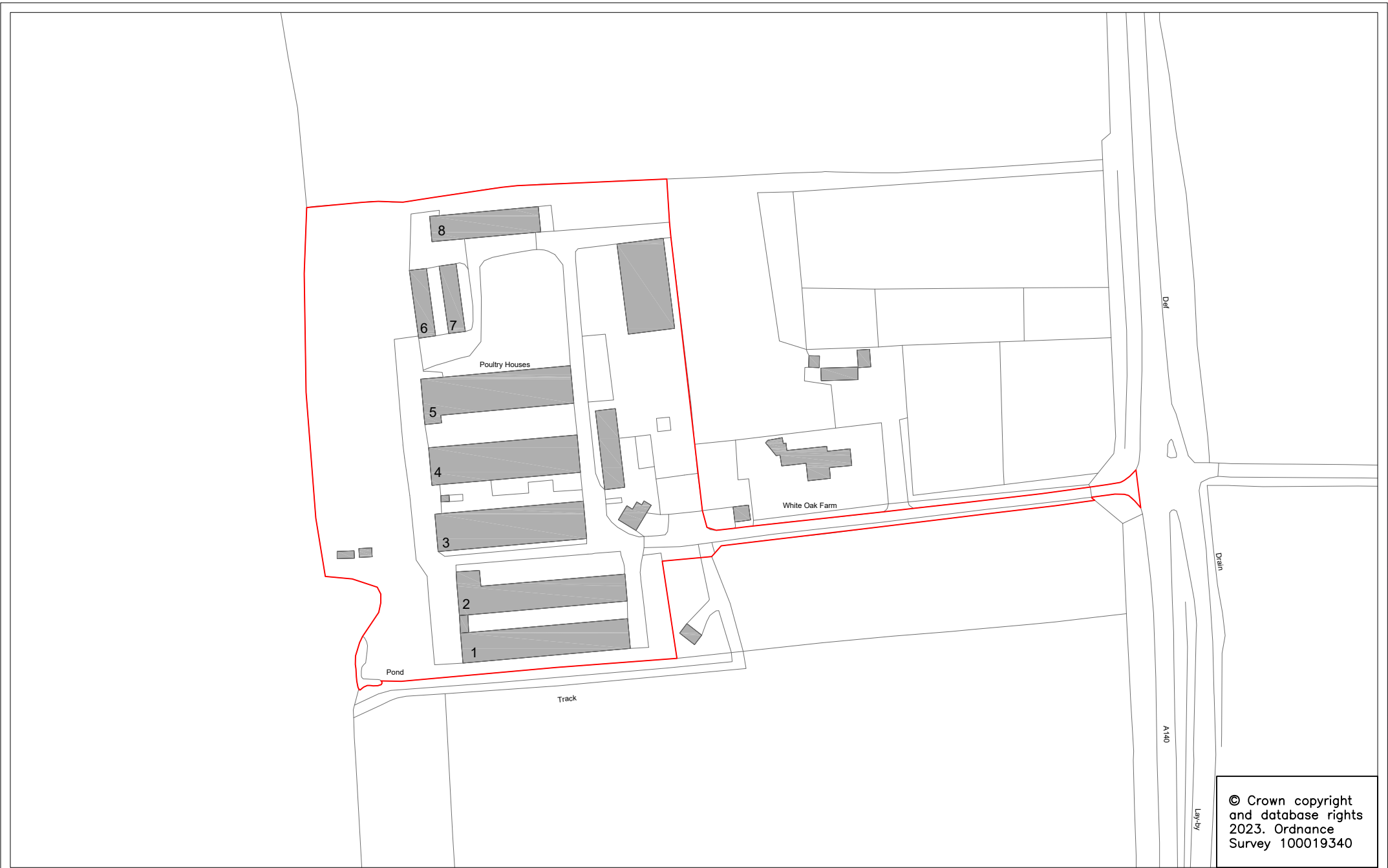
# Appendix A



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REV.	DESCRIPTION	DRAWN BY	CHECKED	DATE

	INITIALS	DATE	DRAWING No.
SURVEYED BY	OS	10/23	104788-001
DESIGNED BY	JP	10/23	PROJECT TITLE
DRAWN BY	JP	10/23	Cherrygate Mendlesham
CHECKED BY	IDB	10/23	Stage I
			SCALE
			1: 5000 @A3
			FILE No.
			104788



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Survey 100019340



**Tom McCabe**  
Executive Director of  
Community and Environmental Services  
Norfolk County Council  
County Hall, Martineau Lane  
Norwich NR1 2SG

DRAWING TITLE  
Site Plan



REV.	DESCRIPTION	DRAWN BY	CHECKED	DATE

	INITIALS	DATE	DRAWING No.
SURVEYED BY			104788 - 002
DESIGNED BY			PROJECT TITLE
			Mendlesham : Cherrygate Farm
DRAWN BY	SPB	11/23	SCALE
CHECKED BY	IDB	11/23	1:2000@ A4
			FILE No.
			104788



## **Appendix B**

## Geology 1:50,000 Maps Legends

### Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	LOFT	Lowestoft Formation	Diamicton	Not Supplied - Anglian

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CRAG	Crag Group	Sand	Not Supplied - Pliocene
		Faults		

### Geology 1:50,000 Maps

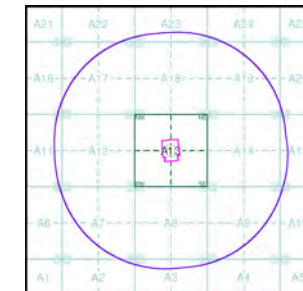
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	190
Map Name:	Eye
Map Date:	1995
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

### Geology 1:50,000 Maps - Slice A

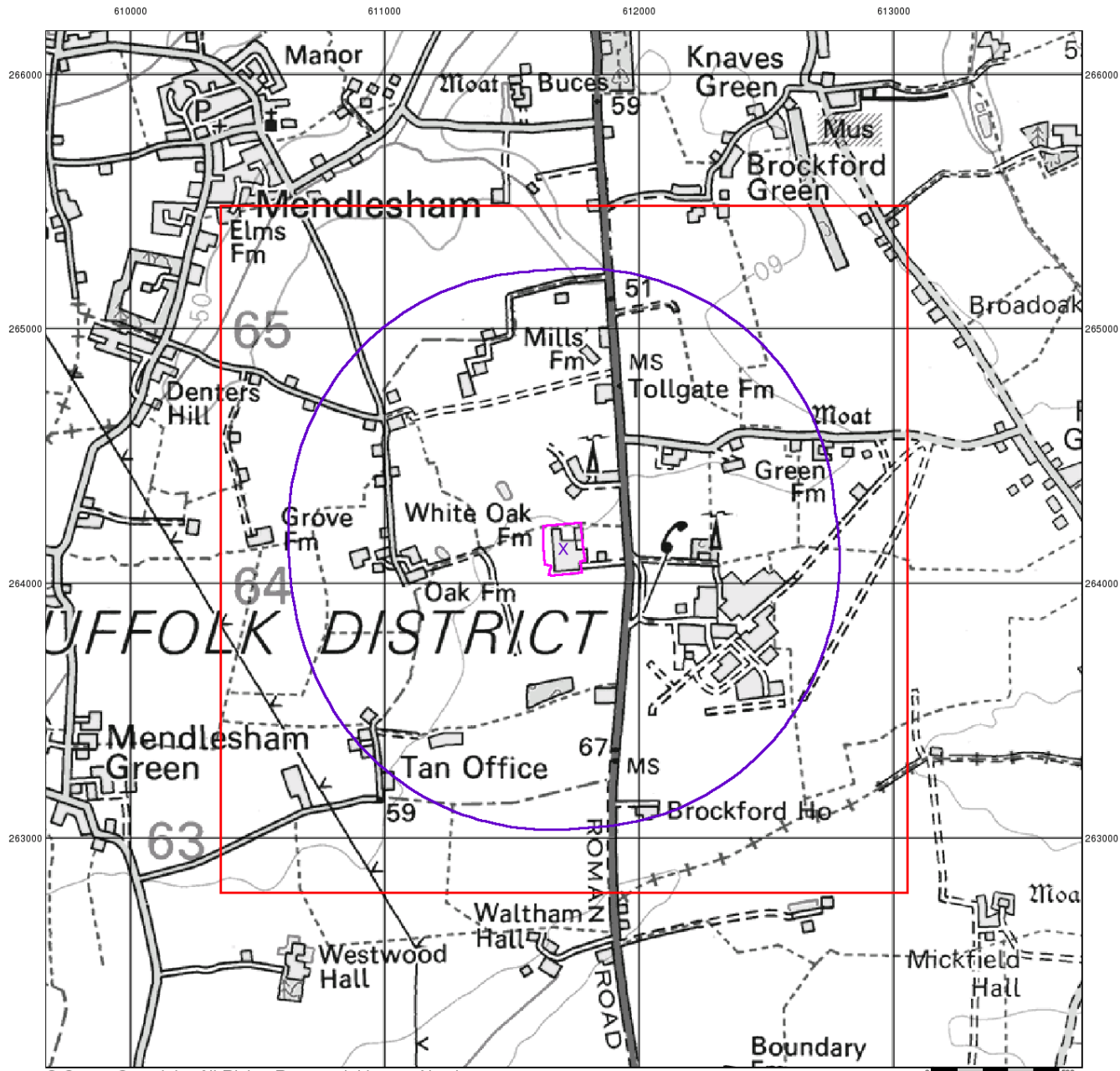


### Order Details:

Order Number:	321600706_1_1
Customer Reference:	104788
National Grid Reference:	611700, 264140
Slice:	A
Site Area (Ha):	2.91
Search Buffer (m):	1000

### Site Details:

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



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## Artificial Ground and Landslip

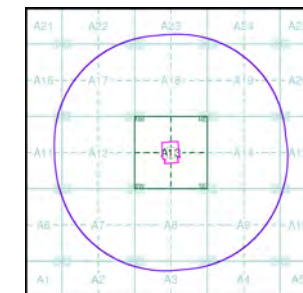
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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: 321600706\_1\_1  
 Customer Reference: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

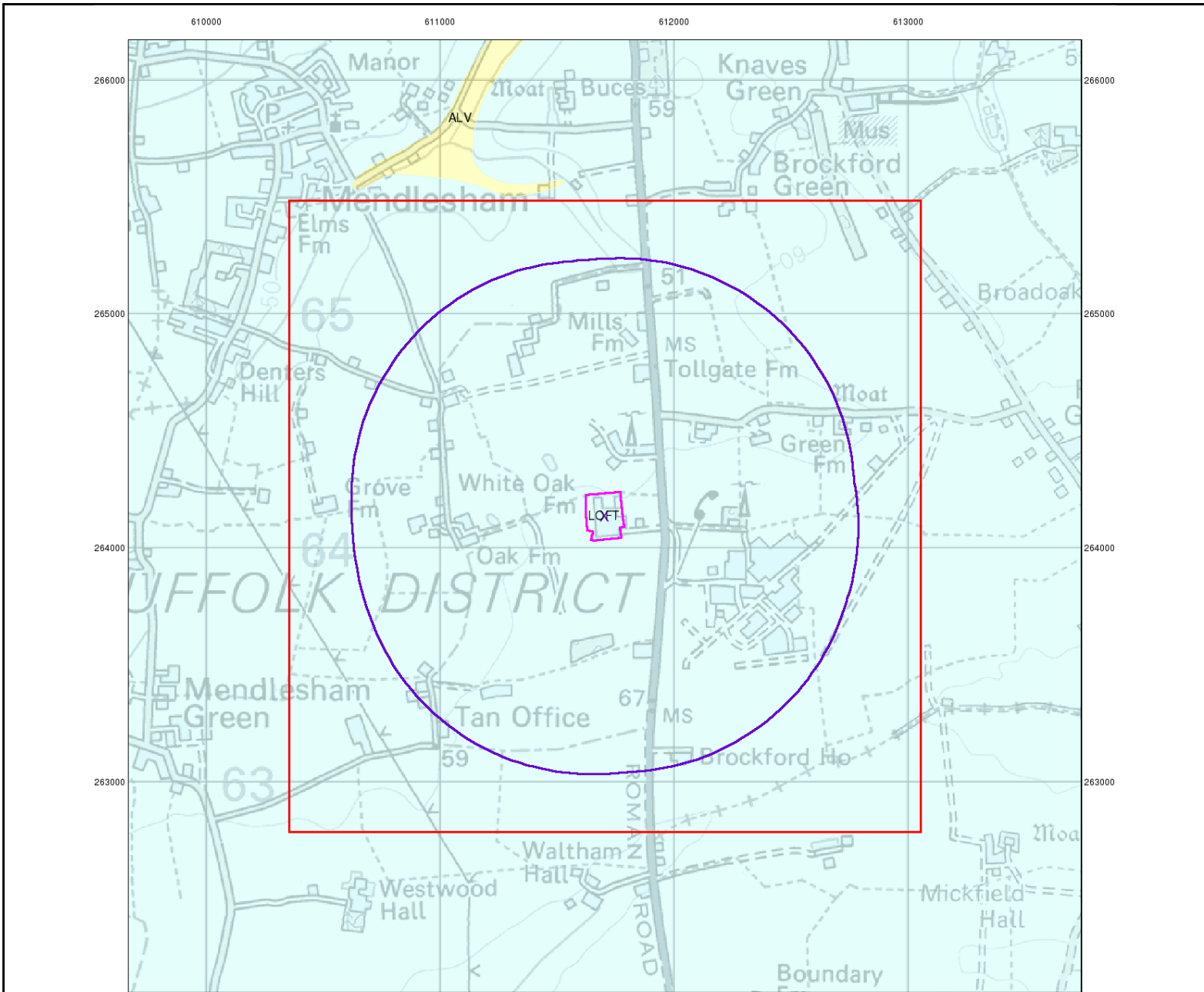
### Site Details:

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Tel: 0844 844 9952  
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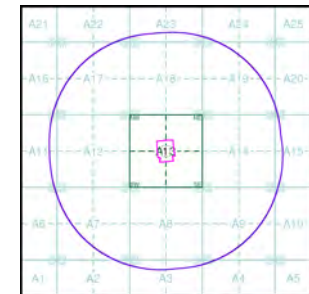
### Superficial Geology

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

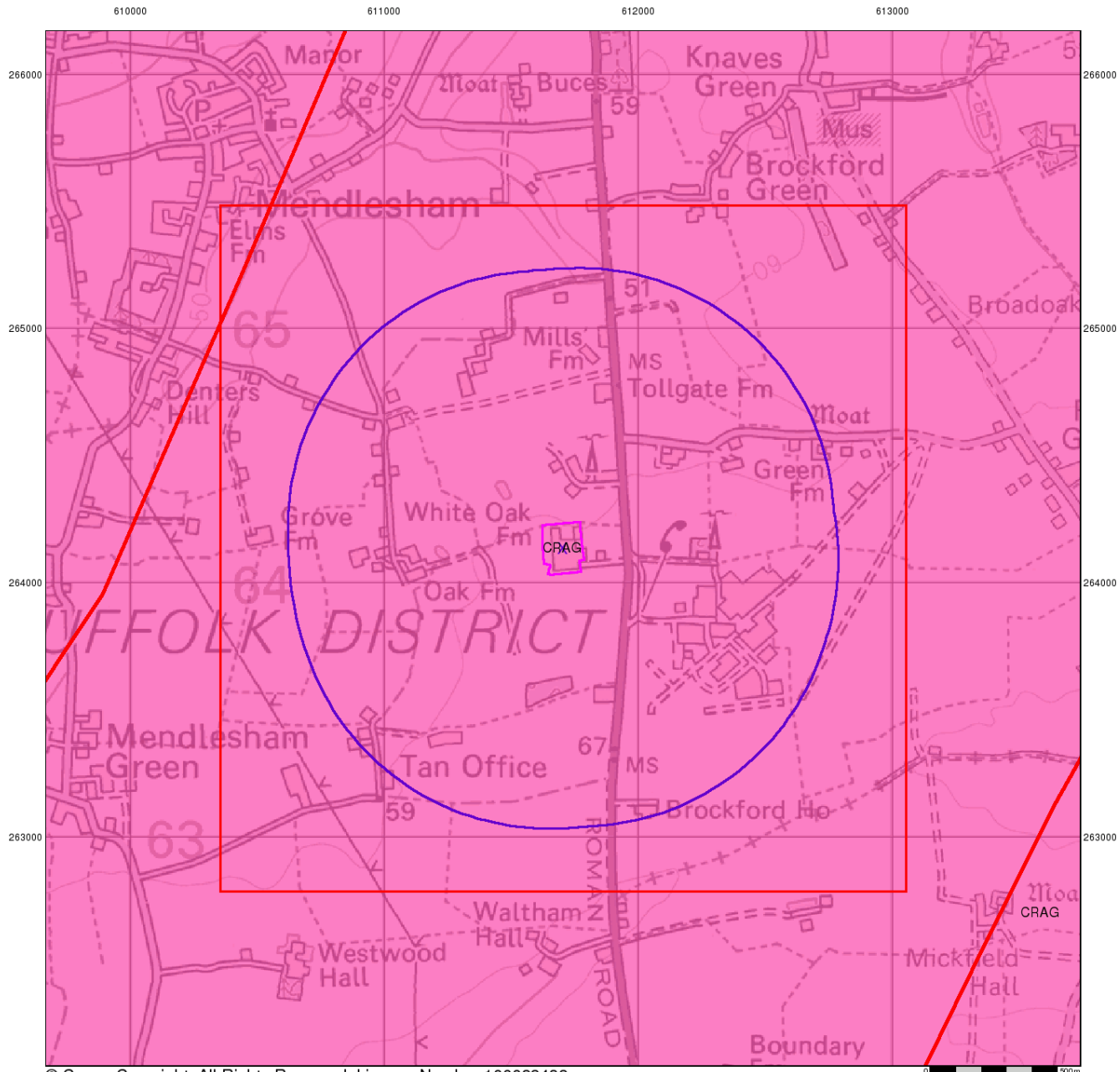


### Order Details:

Order Number: 321600706\_1\_1  
 Customer Reference: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
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## Bedrock and Faults

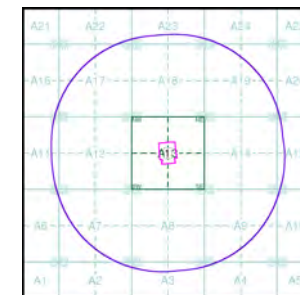
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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:

Order Number: 321600706\_1\_1  
 Customer Reference: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

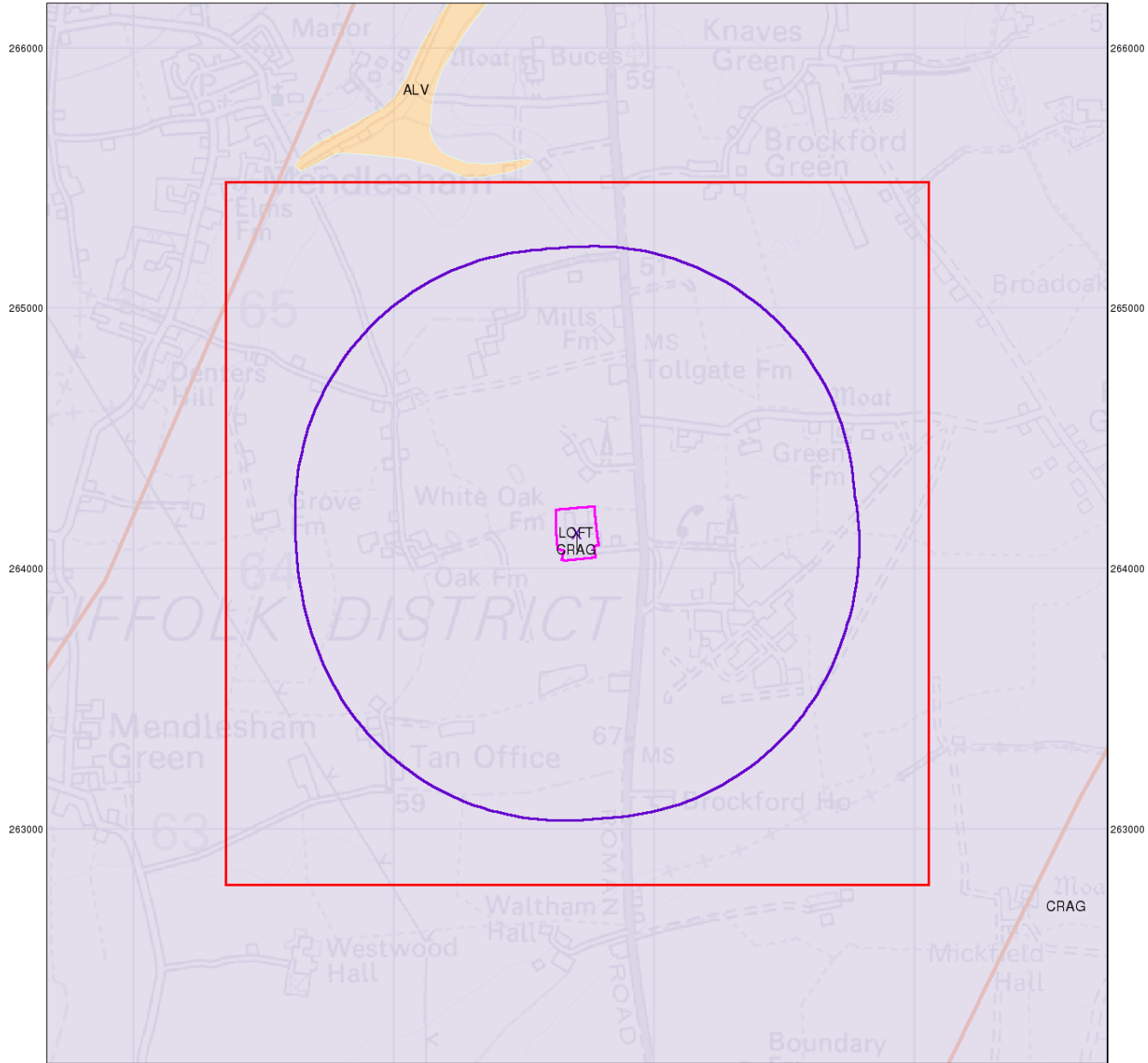
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## Combined Surface Geology

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

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

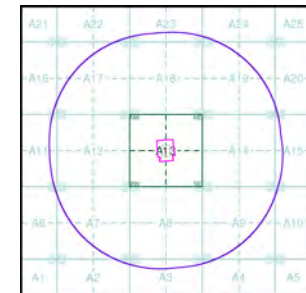
## Additional Information

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

## Contact

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

## Combined Geology Map - Slice A



## Order Details:

Order Number:	321600706_1_1
Customer Reference:	104788
National Grid Reference:	611700, 264140
Slice:	A
Site Area (Ha):	2.91
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# Appendix C

## Envirocheck<sup>®</sup> Report: Historical Data Report Datasheet

### Order Details:

**Order Number:**

321600706\_1\_1

**Customer Reference:**

104788

**National Grid Reference:**

611700, 264140

**Slice:**

A

**Site Area (Ha):**

2.91

**Search Buffer (m):**

1000

### Site Details:

Cherrygate Farm, Norwich Road  
MENDLESHAM  
IP14 5NE

### Client Details:

Mr I Brown  
Norse Eastern Ltd  
280 Fifers Lane  
Norwich  
NR6 6EQ

Report Section	Page Number
Summary	-
Historical Building Plans Information	-
Historical Land Use Information	1
Historical Tanks and Energy Facilities	-
Historical Map List	2
Useful Contacts and Further Information	3

### 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 and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
<b>Historical Building Plans Information</b>					
Areas Cleared Due To Enemy Action					
Above Ground Fuel Tanks (100m)				n/a	n/a
Asbestos (100m)				n/a	n/a
Benzene/Benzole/Naphtha, Naphthalene/Kerosene (100m)				n/a	n/a
Electricity Generation (100m)				n/a	n/a
Electricity Sub-Stations (100m)				n/a	n/a
Gas Industry (100m)				n/a	n/a
Gas Storage (100m)				n/a	n/a
Gas Use (100m)				n/a	n/a
Oil Industry (100m)				n/a	n/a
Oil Storage (100m)				n/a	n/a
Oil Use (100m)				n/a	n/a
Paint based Oils (100m)				n/a	n/a
Paraffin (100m)				n/a	n/a
Petrol and Diesel Industry (100m)				n/a	n/a
Petrol and Diesel Storage (100m)				n/a	n/a
Petrol and Diesel Use (100m)				n/a	n/a
Potential Fuel Gas (100m)				n/a	n/a
Potential Fuel Oil (100m)				n/a	n/a
Potential Fuel Use (100m)				n/a	n/a
Potential Petrol and Diesel (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Potentially Fuel-related Tanks (100m)				n/a	n/a
Underground Fuel Tanks (100m)				n/a	n/a
<b>Historical Land Use Information</b>					
Former Marshes					
Historical Flood Liabilities					
Potentially Contaminative Industrial Uses (Past Land Use)	pg 1			3	1
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
<b>Historical Tanks and Energy Facilities</b>					
Electrical Sub Station Facilities (100m)				n/a	n/a
Electricity Industry Facilities (100m)				n/a	n/a
Gas Industry Facilities (100m)				n/a	n/a
Gas Monitoring Facilities (100m)				n/a	n/a
Miscellaneous Power Facilities (100m)				n/a	n/a
Oil Industry Facilities (100m)				n/a	n/a
Petroleum Storage Facilities (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Tanks (100m)				n/a	n/a



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Potentially Contaminative Industrial Uses (Past Land Use)</b> Use: Military Land Date of Mapping: 1952 - 1957	A14SW (E)	349	1	612127 264008
2	<b>Potentially Contaminative Industrial Uses (Past Land Use)</b> Use: Road haulage Date of Mapping: 1985	A14SW (SE)	368	1	612130 263955
3	<b>Potentially Contaminative Industrial Uses (Past Land Use)</b> Use: Transport: air and space, cargo and handling and transport support Date of Mapping: 1985	A9NW (SE)	446	1	612058 263699
4	<b>Potentially Contaminative Industrial Uses (Past Land Use)</b> Use: Military Land Date of Mapping: 1952 - 1957	A14NE (E)	868	1	612634 264309

No Historical Building Plans information available.

The following mapping has been analysed for Historical Land Use Information:

<b>1:10,560</b>	<b>Mapsheet</b>	<b>Published Date</b>
Suffolk	047_NW	1891
Suffolk	047_SW	1892
Suffolk	047_NW	1905
Suffolk	047_SW	1905
Suffolk	047_NW	1952
Suffolk	047_SW	1952
Ordnance Survey Plan	TM16NW	1957
Ordnance Survey Plan	TM16SW	1957
<b>1:10,000</b>	<b>Mapsheet</b>	<b>Published Date</b>
Ordnance Survey Plan	TM16NW	1985
Ordnance Survey Plan	TM16SW	1985

The following mapping has been analysed for Historical Tanks and Energy Facilities:

<b>1:2,500</b>	<b>Mapsheet</b>	<b>Published Date</b>
Ordnance Survey Plan	TM1163	1976
Ordnance Survey Plan	TM1164	1976
Ordnance Survey Plan	TM1263	1976
Ordnance Survey Plan	TM1264	1976

Contact	Name and Address	Contact Details
1	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: <a href="mailto:helpdesk@landmark.co.uk">helpdesk@landmark.co.uk</a> Website: <a href="http://www.landmark.co.uk">www.landmark.co.uk</a>

### Historical Building Plans Information

This data set contains potentially contaminative features such as asbestos, petrol, oil and tanks captured from Historical Building Plans. The Historical Building Plans were produced by the London-based firm Charles E. Goad Ltd. as fire insurance plans, dating back to 1885. The firm ceased production of fire insurance plans in 1970. Most of the important towns and cities of the British Isles are covered. Historical Building Plans are usually at the scales of 1:480 (1 inch to 40 feet) for the British Isles. They were updated every 5-6 years by means of revision sheets designed to be pasted on to the original plans.

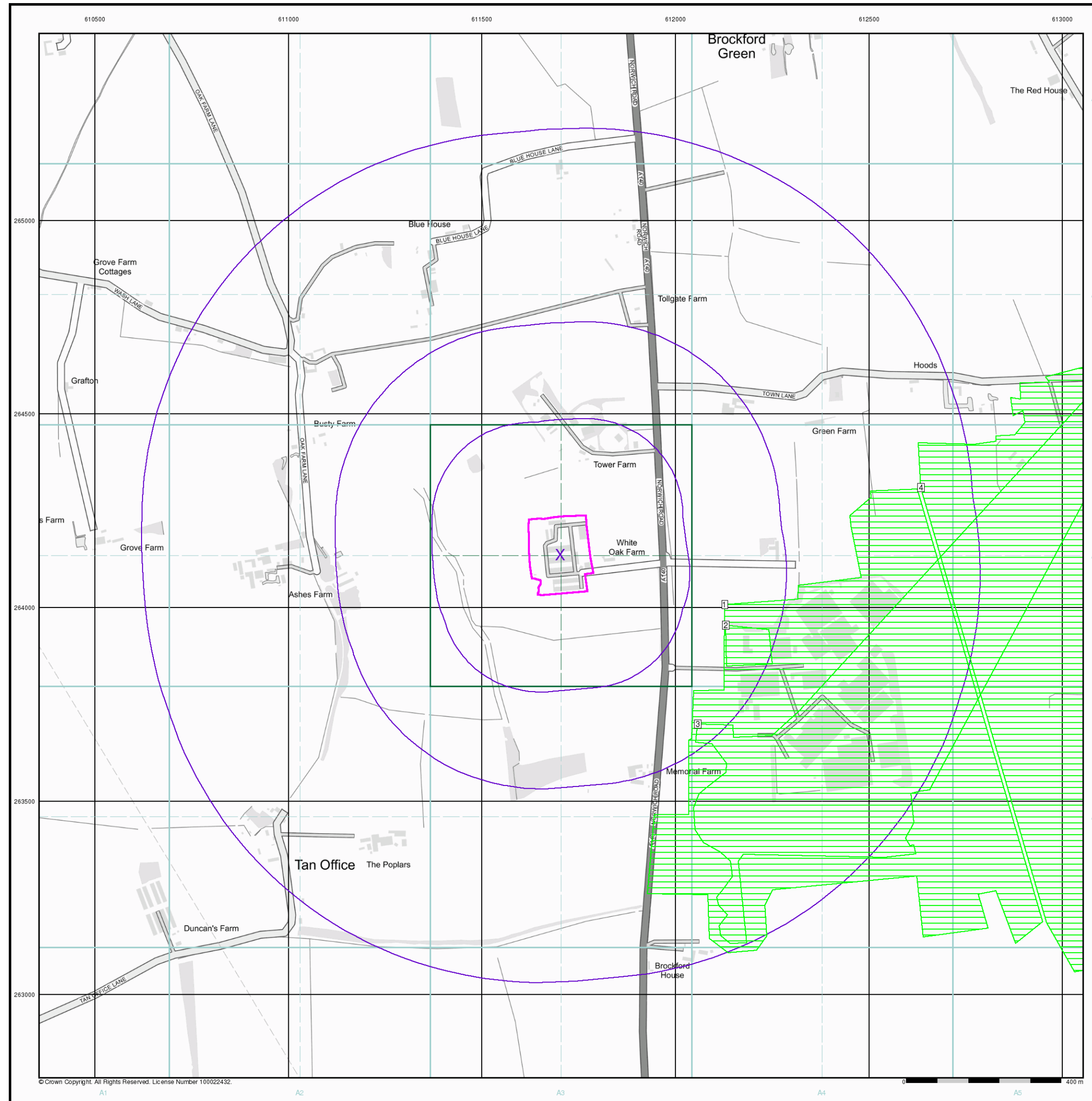
It should be noted that Historical Building Plans are only available for certain major towns and cities and in some cases there may only be partial coverage of the search area. It cannot therefore be assumed that the absence of responses under the Historical Building Plans section of this report indicates that no hazards exist. Please check the Historical Building Plans Map List table in the Historical Map List section of this report to establish if Historical Building Plans are available for this search area.

### Historical Land Use Information

Landmark's Historical Land Use Data is the result of combined analysis of historical map data captured at 1:10,560 and 1:10,000. A unique comprehensive database of Historic Land Use from the 1840's to 1996 it includes 67 different types of potentially contaminated past industrial land use. This entailed analysing over 60,000 maps and is drawn from at least four, and up to six historical map editions. In addition a seventh layer was also created, known as the land use layer, containing areas of infilled land which are plotted via comparison between two or more map editions.

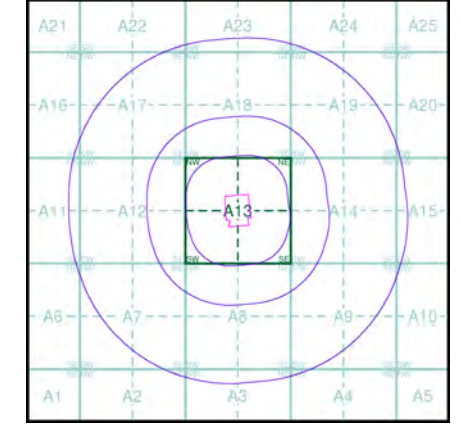
### Historical Tanks and Energy Facilities

In addition to HLUD, additional analysis uncovered some of the most dangerous sources of contamination (past and present tanks, petrol storage, oil, gas, electricity, miscellaneous facilities). This data set covers over 390,000 Historical Tanks and Energy facilities in Great Britain and was captured from post war 1:2500 and 1:1250 Ordnance Survey historical mapping covering a period from 1943 to 1996.



- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Historical Building Plans**
- Area Cleared due to Enemy Action
- Historical Land Use**
- Former Marsh
  - Historical Flood Liability
  - Historical Flood Liability (Location)
  - Potentially Contaminative Industrial Use (Past Land Use)
  - Potentially Contaminative Industrial Use (Past Land Use) (Linear)
  - Potentially Contaminative Industrial Use (Past Land Use) (Location)
  - Potentially Infilled Land (Non-Water)
  - Potentially Infilled Land (Non-Water) (Linear)
  - Potentially Infilled Land (Non-Water) (Location)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water) (Linear)
  - Potentially Infilled Land (Water) (Location)

### Historical Data Report - Slice Map A



**Order Details**

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

**Site Details**  
 Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

### General

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

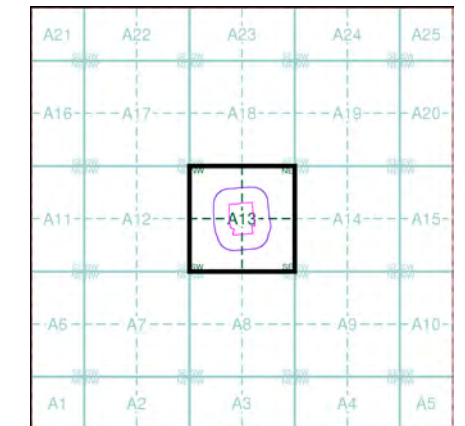
### Historical Building Plans

- Area Cleared due to Enemy Action
- Asbestos
- Above Ground Fuel Tanks
- Benzene/Benzole/Naphtha, Naphthalene/Kerosene
- Electricity Generation
- Electricity Sub-Stations
- Gas Industry
- Gas Storage
- Gas Use
- Oil Industry
- Oil Storage
- Oil Use
- Paint based Oils
- Paraffin
- Petrol and Diesel Industry
- Petrol and Diesel Storage
- Petrol and Diesel Use
- Potential Fuel Gas
- Potential Fuel Oil
- Potential Fuel Use
- Potential Petrol and Diesel
- Potential Tanks
- Potentially Fuel-related Tanks
- Underground Fuel Tanks

### Historical Tanks and Energy Facilities

- Electrical Sub Station Facility
- Electricity Industry Facility
- Gas Industry Facility
- Gas Monitoring Facility
- Miscellaneous Power Facility
- Oil Industry Facility
- Petroleum Storage Facility
- Potential Tank
- Tank

### Historical Data Report - Segment A13



### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Plot Buffer (m): 100

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



# Historical Mapping Legends

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

**Quarry**   **Gravel Pit**   **Sand Pit**  
**Clay Pit**   **Shingle**   **Refuse Heap**  
**Sloping Masonry**   **Flat Rock**  
**Marsh**   **Reeds**   **Osiers**  
**Rough Pasture**   **Furze**   **Wood**  
**Mixed Wood**   **Brushwood**   **Orchard**  
**Fir**   **Ford**   **Stepping Stones**  
**Ferry**   **Waterfall**   **Lock**  
**Trig. Station**   **Altitude at Trig. Station**  
**B.M. 325.9**   **Bench Mark**   **Surface Level**  
**Arrow denotes flow of water**   **Antiquities (site of)**  
**Cutting**   **Embankment**  
**Railway crossing Road**   **Level Crossing**   **Road crossing Railway**  
**Railway crossing River or Canal**   **Road over single stream**   **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Co. Boro. Bdy.**  
**Co. Burgh Bdy.**  
**BP BS** Boundary Post or Stone   **P.C.B** Police Call Box  
**B.R.** Bridle Road   **P** Pump  
**E.P** Electricity Pylon   **S.P** Signal Post  
**F.B.** Foot Bridge   **SL** Sluice  
**F.P.** Foot Path   **Sp.** Spring  
**G.P** Guide Post or Board   **T.C.B** Telephone Call Box  
**M.S** Mile Stone   **Tr.** Trough  
**M.P M.R** Mooring Post or Ring   **W** Well

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

**Inactive Quarry, Chalk Pit or Clay Pit**   **Active Quarry, Chalk Pit or Clay Pit**  
**Rock**   **Boulders**  
**Cliff**   **Slopes**   **Top**  
**Roofed Building**   **Glazed Roof Building**  
**Sloping Masonry**   **Archway**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Bench Mark**   **Antiquity (site of)**  
**Cave Entrance**   **Triangulation Station**   **Electricity Pylon**  
**Electricity Transmission Line**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Civil Parish Boundary**  
**Admin. County or County Bor. Boundary**  
**London Borough Boundary**  
**Symbol marking point where boundary mereing changes**  
**BH** Beer House   **P** Pillar, Pole or Post  
**BP, BS** Boundary Post or Stone   **PO** Post Office  
**Cn, C** Capstan, Crane   **PC** Public Convenience  
**Chy** Chimney   **PH** Public House  
**D Fn** Drinking Fountain   **Pp** Pump  
**EI P** Electricity Pillar or Post   **SB, S Br** Signal Box or Bridge  
**FAP** Fire Alarm Pillar   **SP, SL** Signal Post or Light  
**FB** Foot Bridge   **Spr** Spring  
**GP** Guide Post   **Tk** Tank or Track  
**H** Hydrant or Hydraulic   **TCB** Telephone Call Box  
**LC** Level Crossing   **TCP** Telephone Call Post  
**MH** Manhole   **Tr** Trough  
**MP** Mile Post or Mooring Post   **Wr Pt, Wr T** Water Point, Water Tap  
**MS** Mile Stone   **W** Well  
**NTL** Normal Tidal Limit   **Wd Pp** Wind Pump

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

**Cliff**   **Slopes**   **Top**  
**Rock**   **Rock (scattered)**  
**Boulders**   **Boulders (scattered)**  
**Positioned Boulder**   **Scree**  
**Non-Coniferous Tree (surveyed)**   **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)**   **Coniferous Trees (not surveyed)**  
**Orchard Tree**   **Scrub**   **Bracken**  
**Coppice, Osier**   **Reeds**   **Marsh, Saltings**  
**Rough Grassland**   **Heath**   **Culvert**  
**Direction of water flow**   **Triangulation Station**   **Antiquity (site of)**  
**Electricity Transmission Line**   **Electricity Pylon**  
**B.M. 231.60m** Bench Mark   **Buildings with Building Seed**  
**Roofed Building**   **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks   **P** Pillar, Pole or Post  
**Bty** Battery   **PO** Post Office  
**Cemy** Cemetery   **PC** Public Convenience  
**Chy** Chimney   **Pp** Pump  
**Cis** Cistern   **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway   **PW** Place of Worship  
**EI Gen Sta** Electricity Generating Station   **Sewage Ppg Sta** Sewage Pumping Station  
**EI P** Electricity Pole, Pillar   **SB, S Br** Signal Box or Bridge  
**EI Sub Sta** Electricity Sub Station   **SP, SL** Signal Post or Light  
**FB** Filter Bed   **Spr** Spring  
**Fn / D Fn** Fountain / Drinking Ftn.   **Tk** Tank or Track  
**Gas Gov** Gas Valve Compound   **Tr** Trough  
**GVC** Gas Governor   **Wd Pp** Wind Pump  
**GP** Guide Post   **Wr Pt, Wr T** Water Point, Water Tap  
**MH** Manhole   **Wks** Works (building or area)  
**MP, MS** Mile Post or Mile Stone   **W** Well

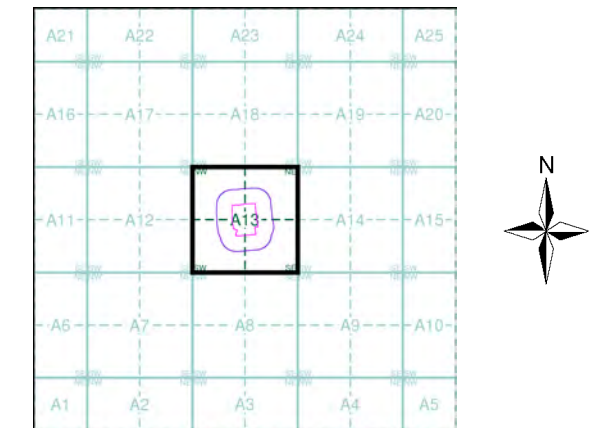
# Envirocheck®

LANDMARK INFORMATION GROUP®

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Suffolk	1:2,500	1884 - 1885	2
Suffolk	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1976	4
Additional SIMs	1:2,500	1986	5
Additional SIMs	1:2,500	1991	6
Large-Scale National Grid Data	1:2,500	1995	7

## Historical Map - Segment A13



## Order Details

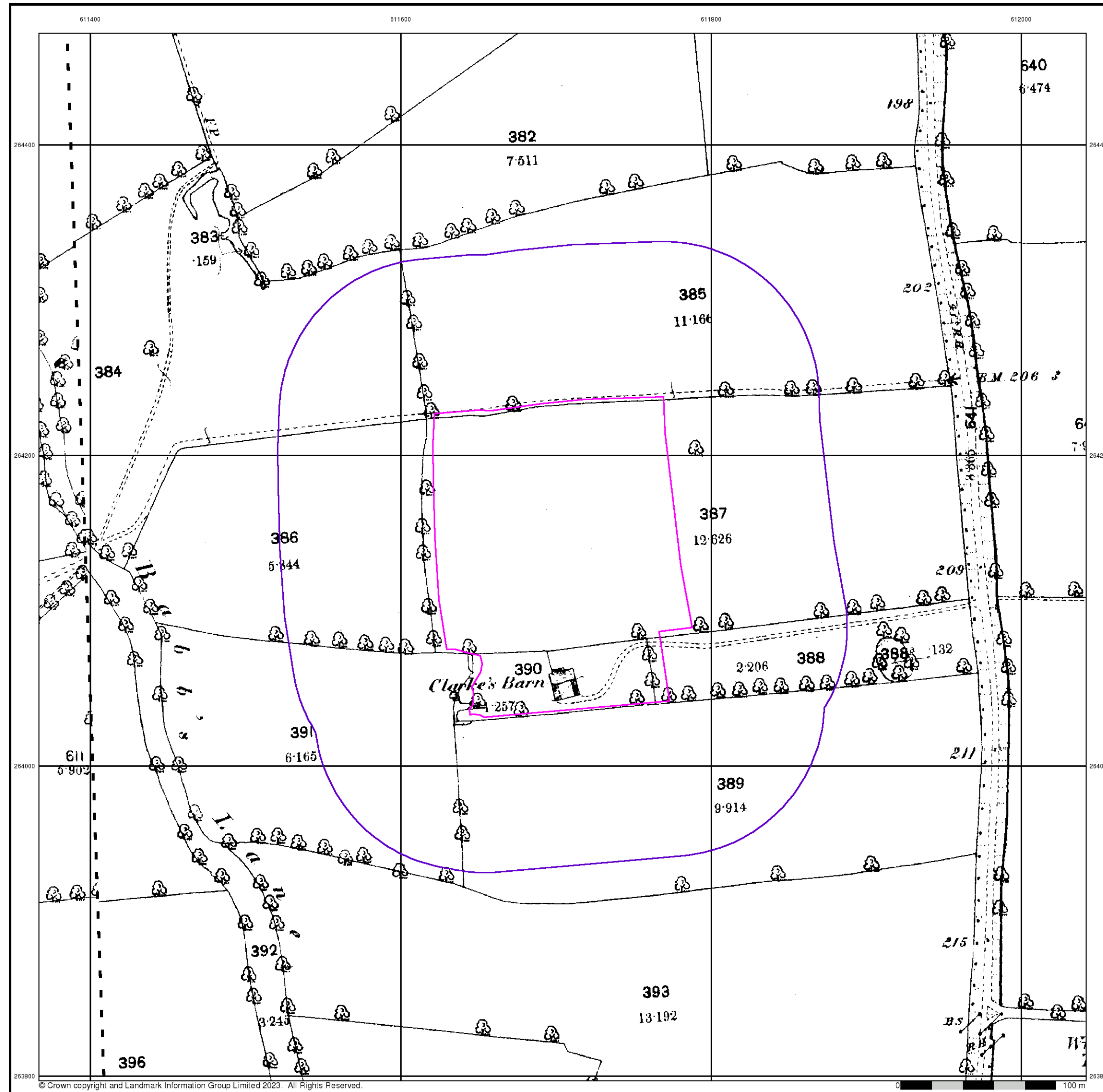
Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 100

## Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

**Landmark**  
 INFORMATION GROUP

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



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# Envirocheck®

LANDMARK INFORMATION GROUP®

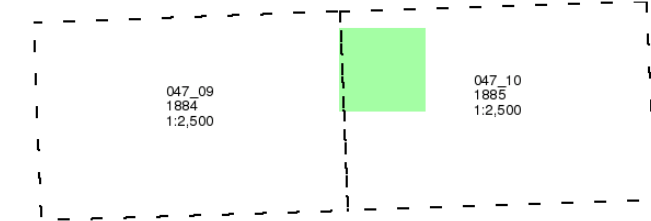
Suffolk

Published 1884 - 1885

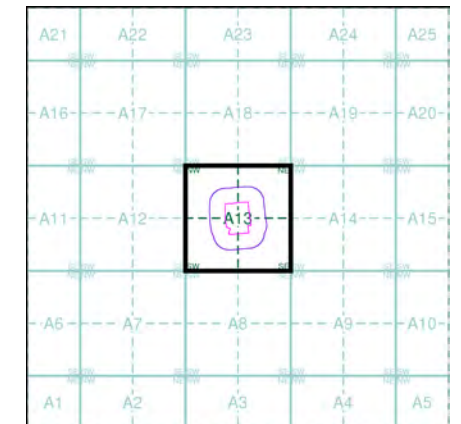
Source map scale - 1:2,500

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

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



## Historical Map - Segment A13



## Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 100

## Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

Landmark  
 INFORMATION GROUP

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

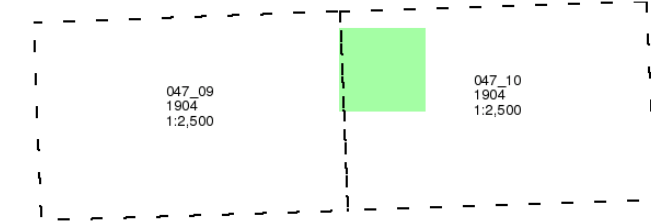
## Suffolk

Published 1904

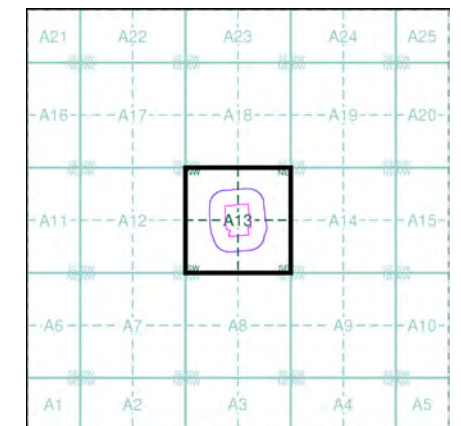
Source map scale - 1:2,500

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

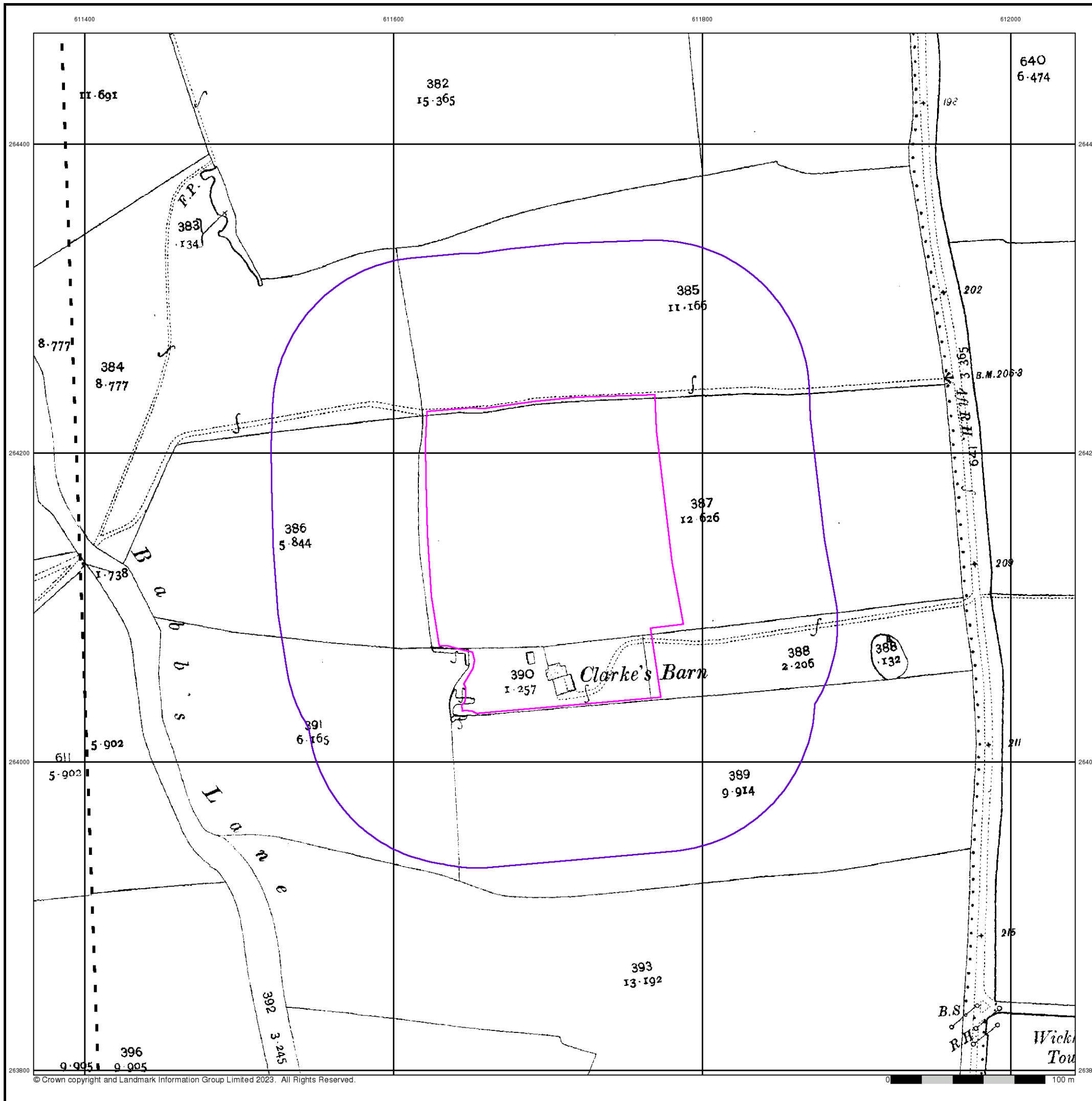


### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 100

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE





## Ordnance Survey Plan

Published 1976

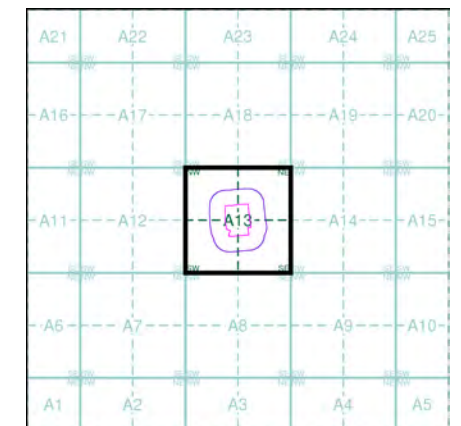
Source map scale - 1:2,500

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)

TM1164 1976 1:2,500	TM1264 1976 1:2,500
TM1163 1976 1:2,500	TM1263 1976 1:2,500

### Historical Map - Segment A13

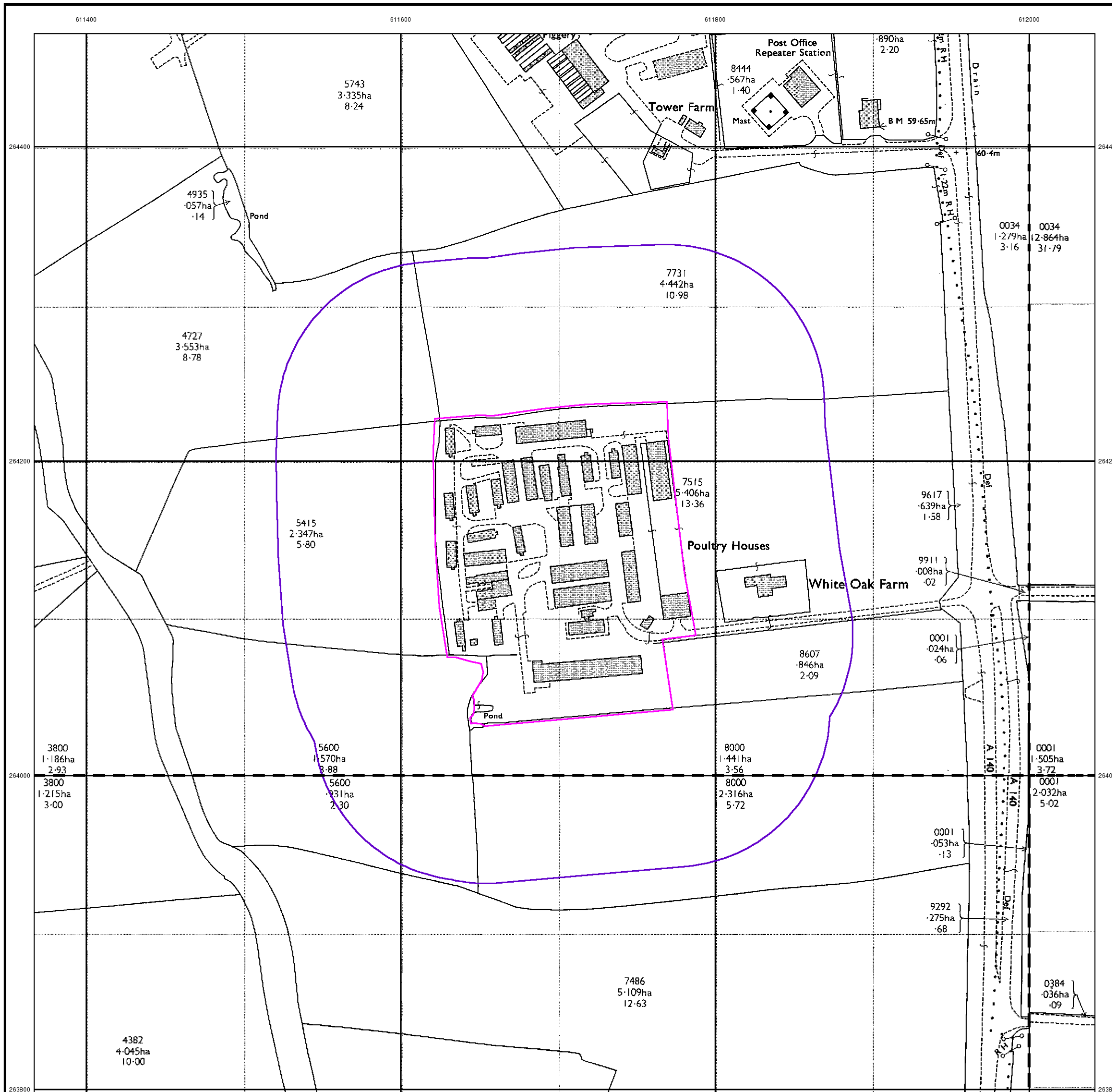


### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 100

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



611400

611600

611800

612000

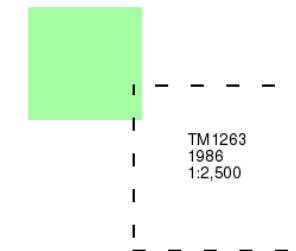
## Additional SIMs

Published 1986

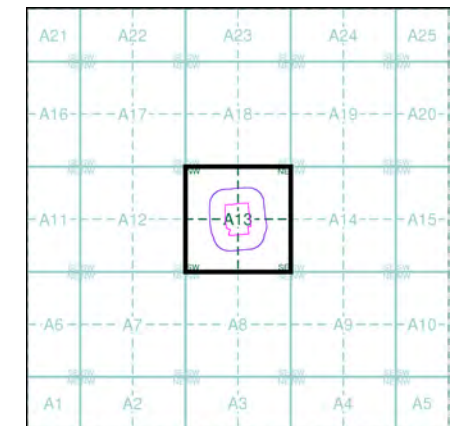
Source map scale - 1:2,500

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

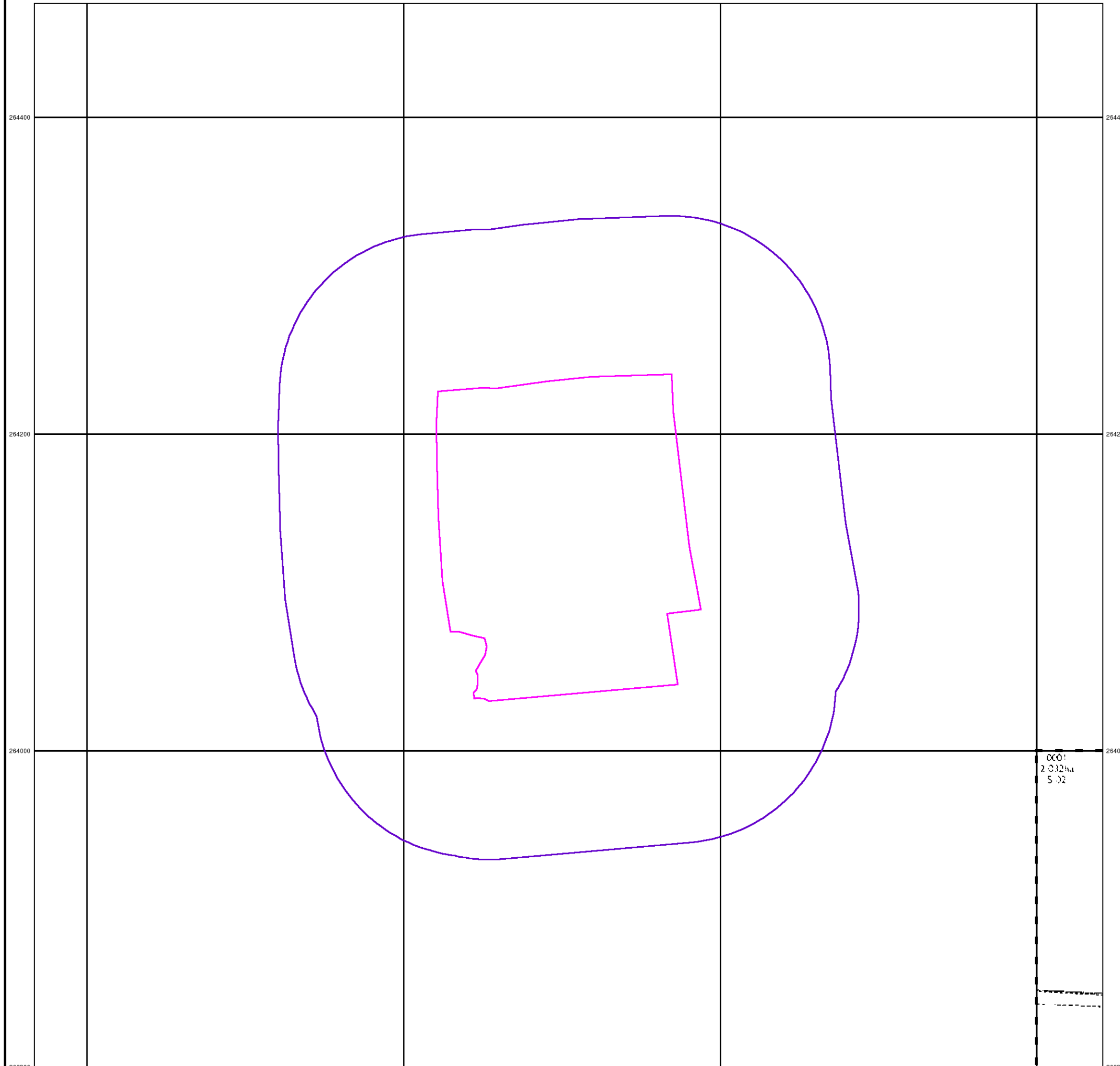


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Customer Ref: 104788  
National Grid Reference: 611700, 264140  
Slice: A  
Site Area (Ha): 2.91  
Search Buffer (m): 100

## Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



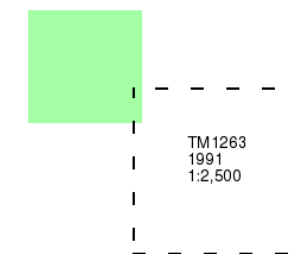
## Additional SIMs

Published 1991

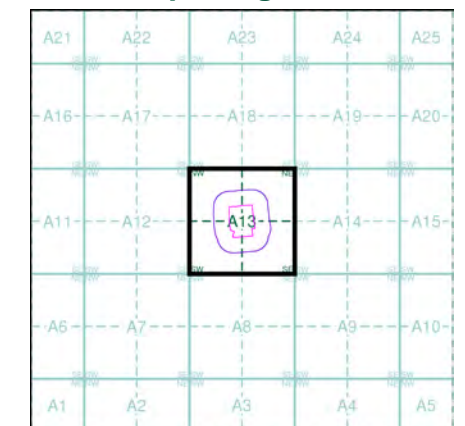
Source map scale - 1:2,500

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

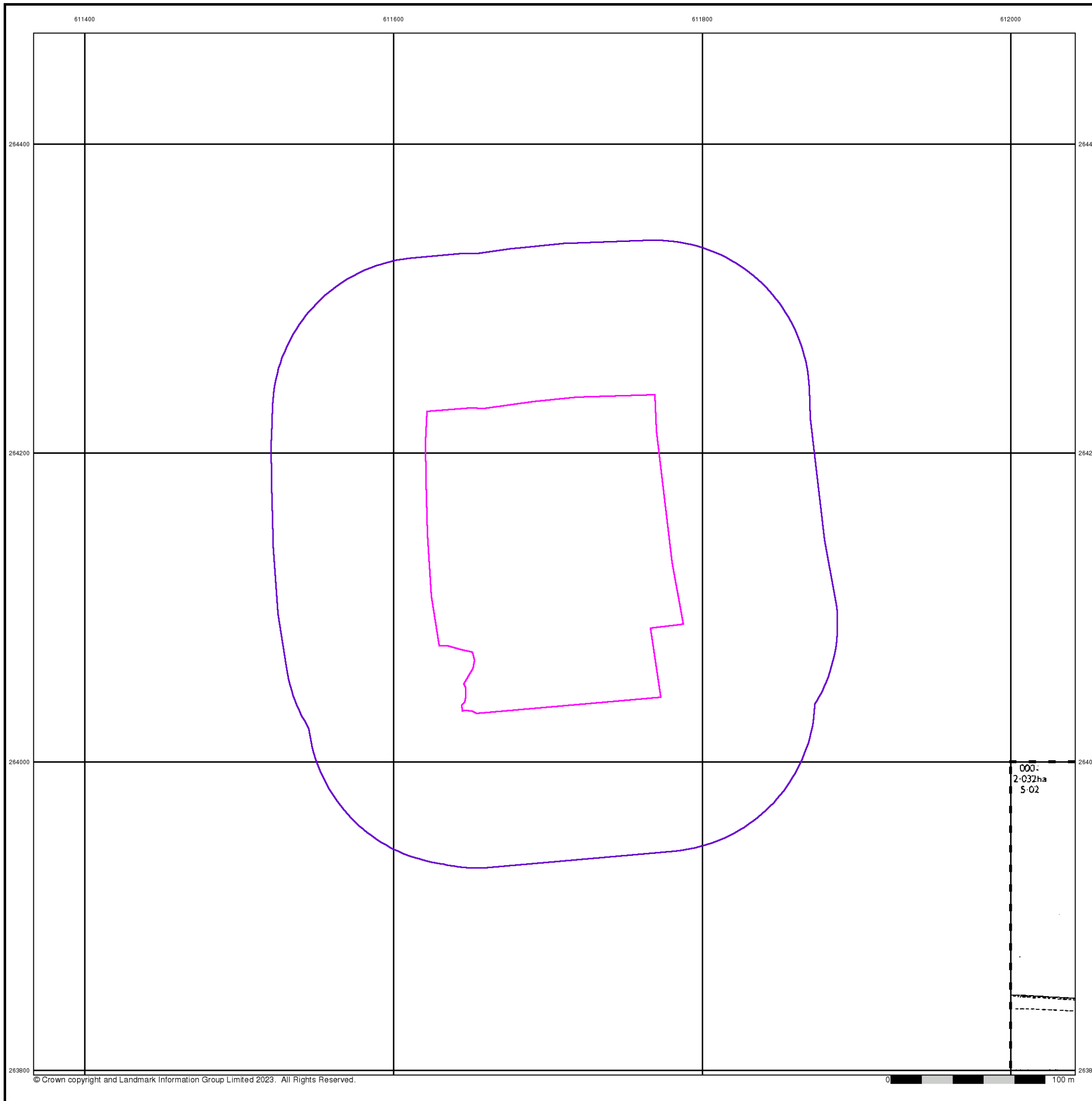


## Order Details

Order Number: 321600706\_1\_1  
Customer Ref: 104788  
National Grid Reference: 611700, 264140  
Slice: A  
Site Area (Ha): 2.91  
Search Buffer (m): 100

## Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



## Large-Scale National Grid Data

Published 1995

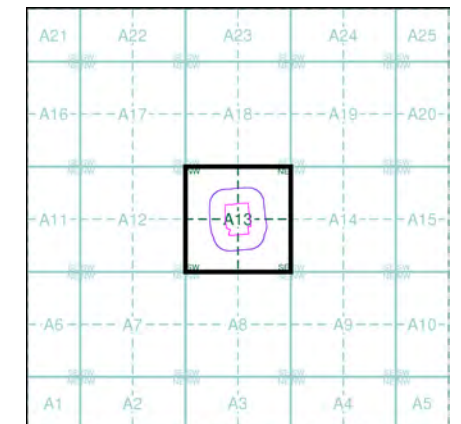
Source map scale - 1:2,500

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

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

TM1164 1995 1:2,500	TM1264 1995 1:2,500
TM1163 1995 1:2,500	TM1263 1995 1:2,500

### Historical Map - Segment A13

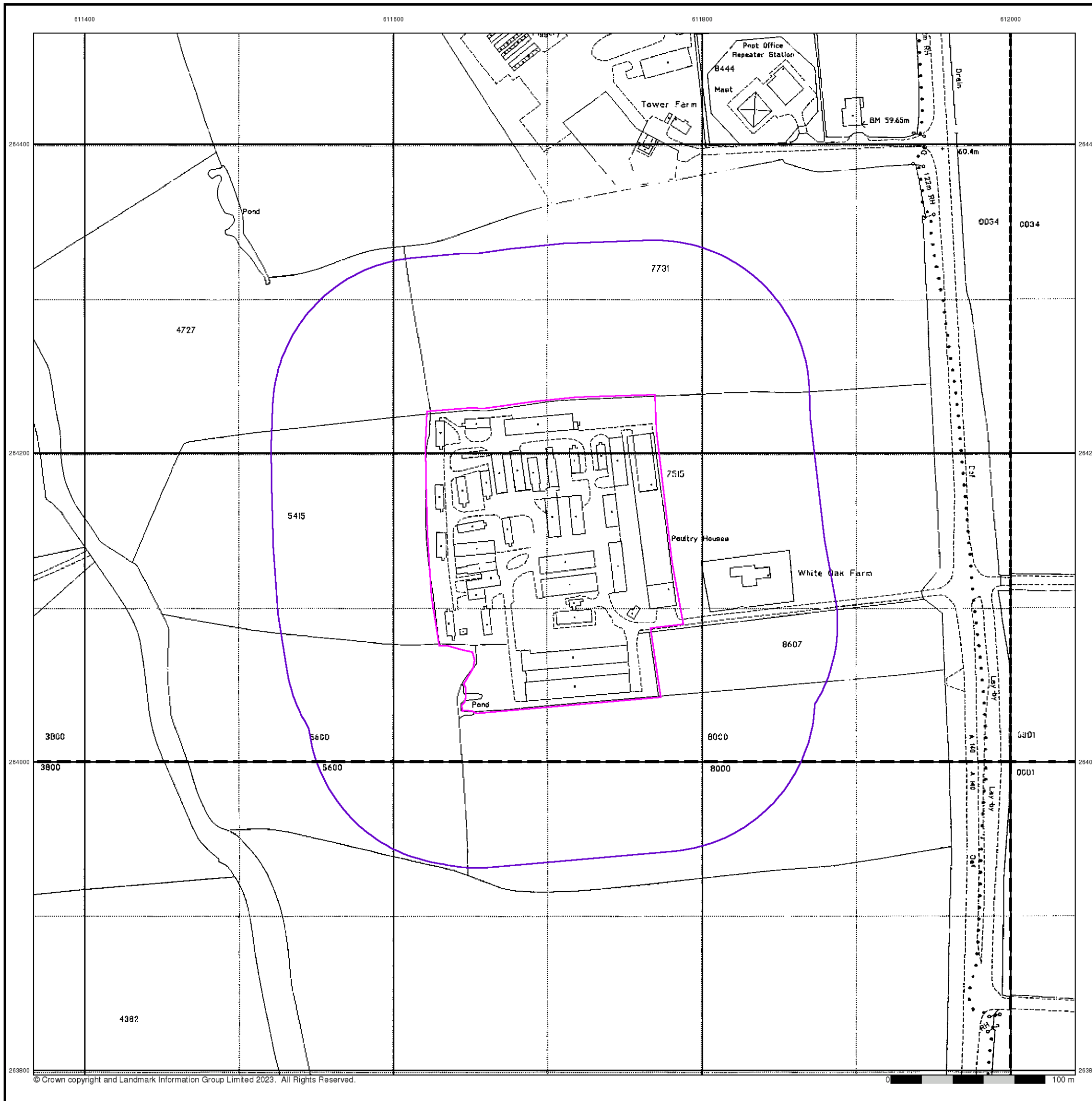


### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 100

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Heath
	Rough Grassland		Marsh
	Reeds		Saltings
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

## 1:10,000 Raster Mapping

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

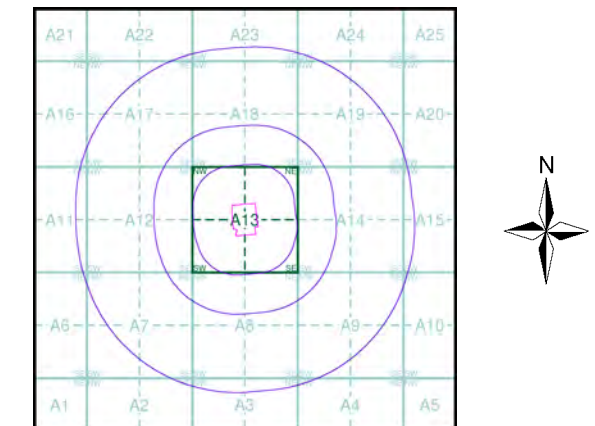
# Envirocheck®

LANDMARK INFORMATION GROUP®

## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Suffolk	1:10,560	1884	2
Suffolk	1:10,560	1905	3
Suffolk	1:10,560	1905	4
Suffolk	1:10,560	1952	5
Ordnance Survey Plan	1:10,000	1957	6
Ordnance Survey Plan	1:10,000	1985	7
10K Raster Mapping	1:10,000	2000	8
Street View	Variable		9

## Historical Map - Slice A



## Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

## Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

**Landmark**  
 INFORMATION GROUP

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

## Suffolk

Published 1884

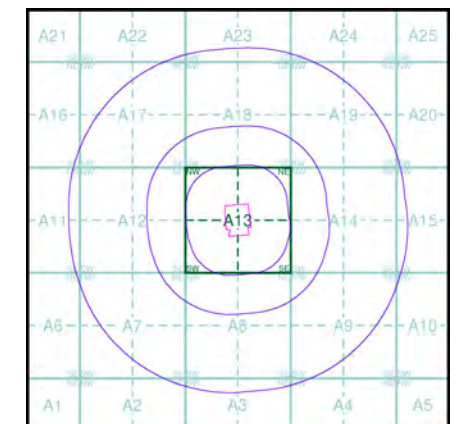
Source map scale - 1:10,560

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)

047NW
1884
1:10,560
047SW
1884
1:10,560

### Historical Map - Slice A

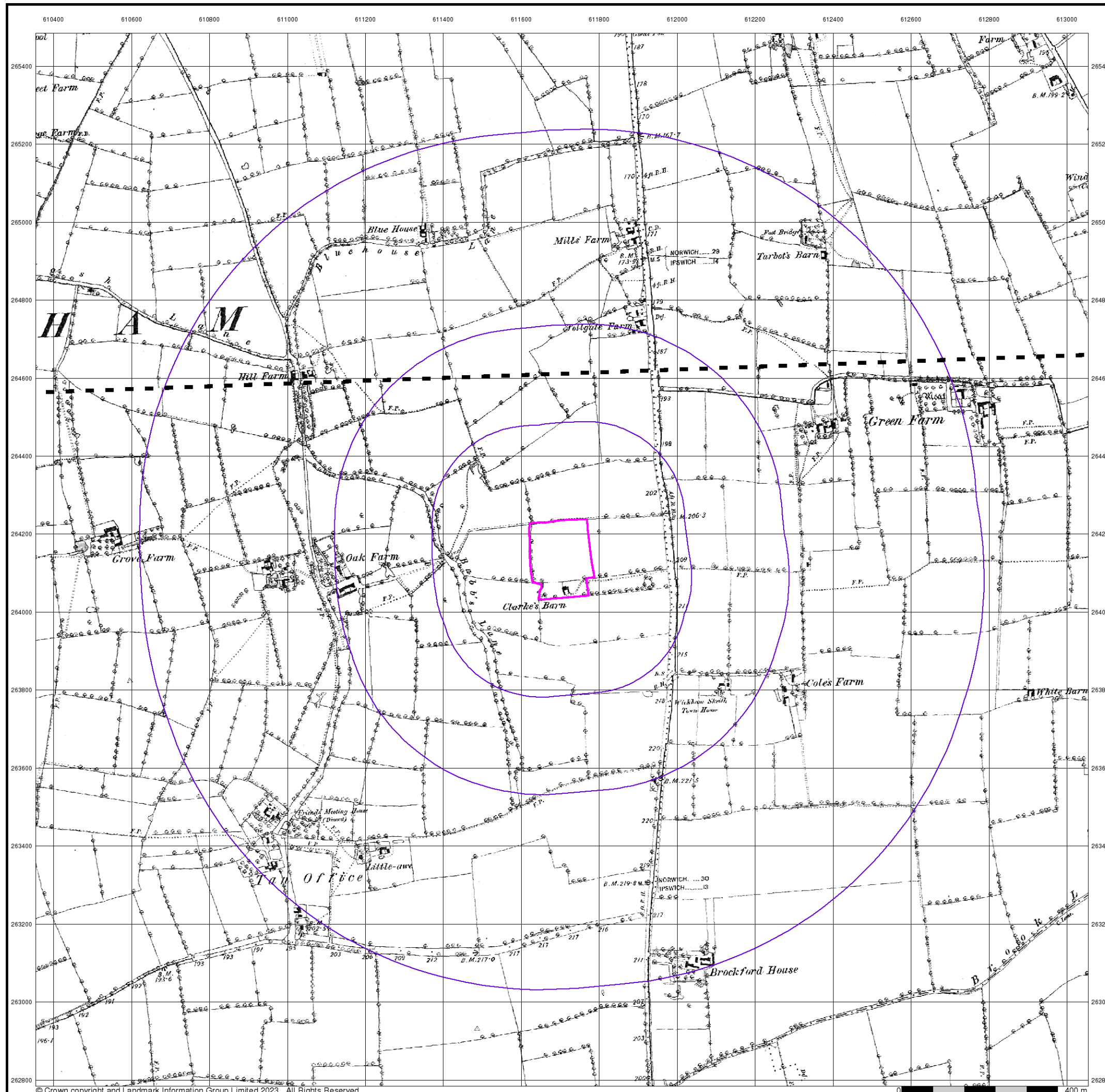


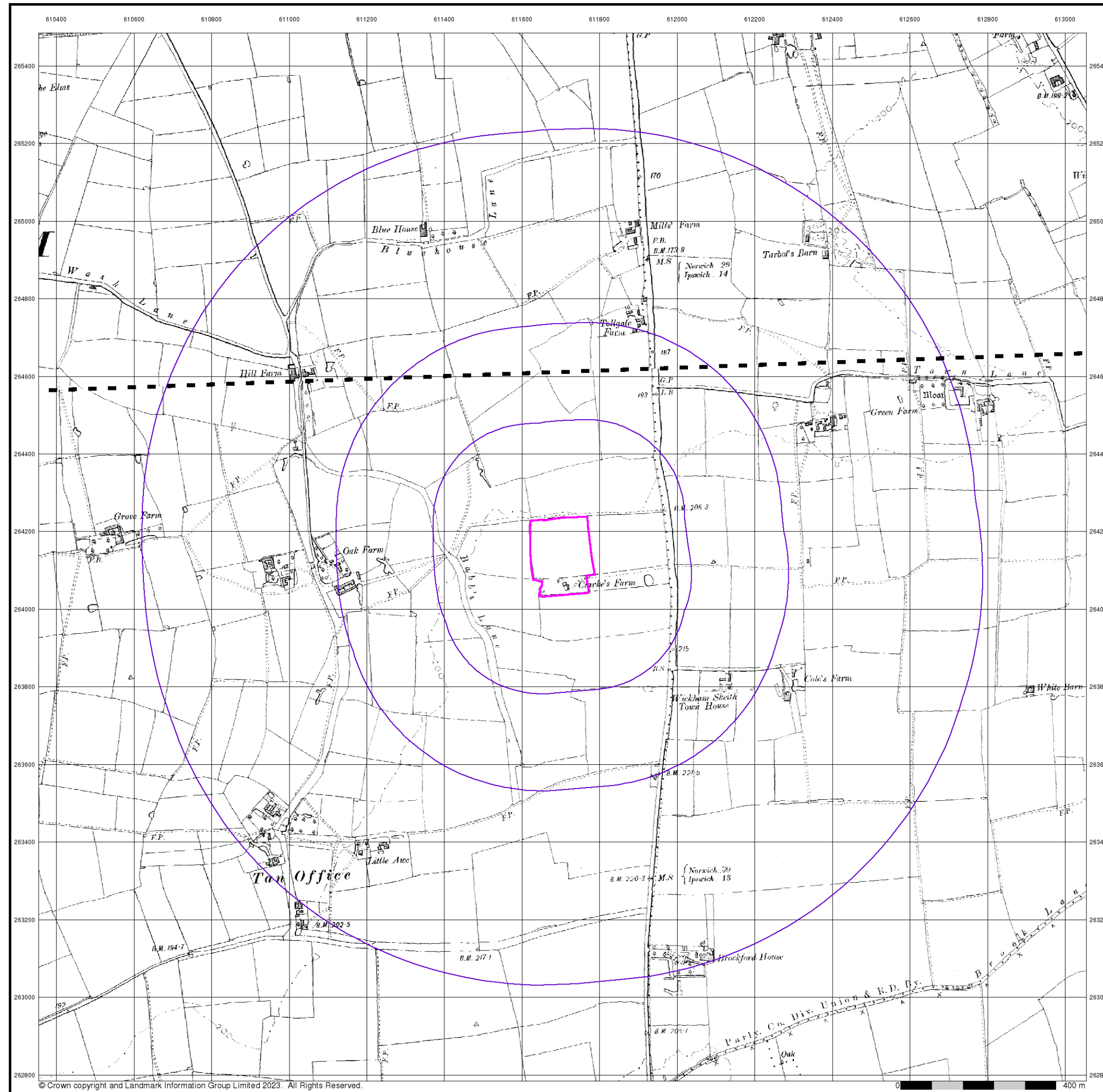
### Order Details

Order Number: 321600706\_1\_1  
Customer Ref: 104788  
National Grid Reference: 611700, 264140  
Slice: A  
Site Area (Ha): 2.91  
Search Buffer (m): 1000

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE





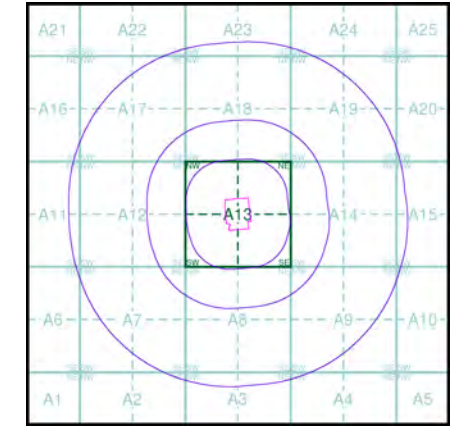
**Suffolk**  
**Published 1905**  
**Source map scale - 1:10,560**

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)**

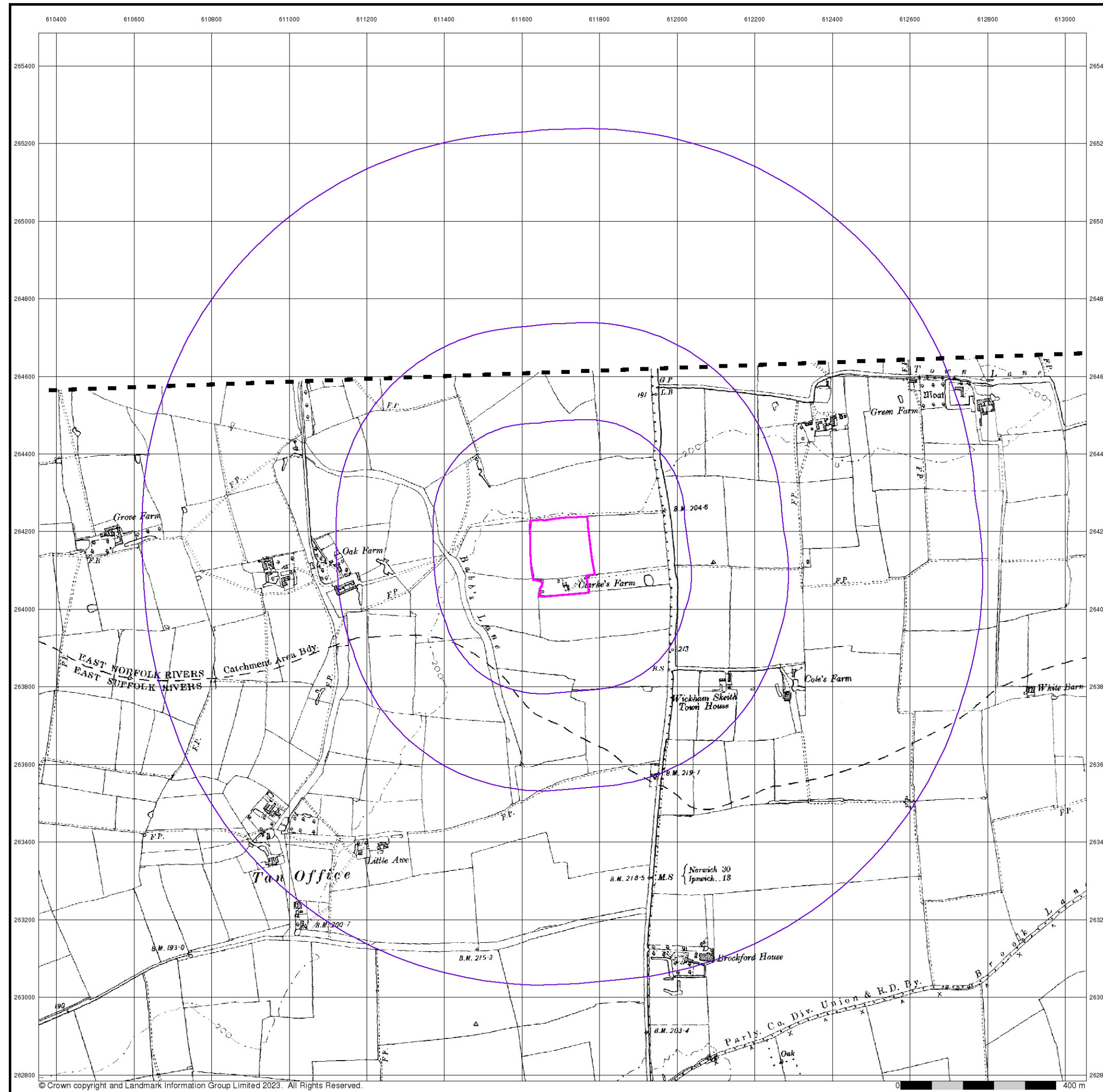
047NW	1905	1:10,560
047SW	1905	1:10,560

**Historical Map - Slice A**



**Order Details**  
 Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

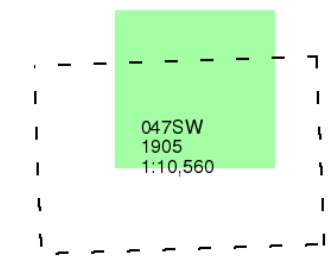
**Site Details**  
 Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



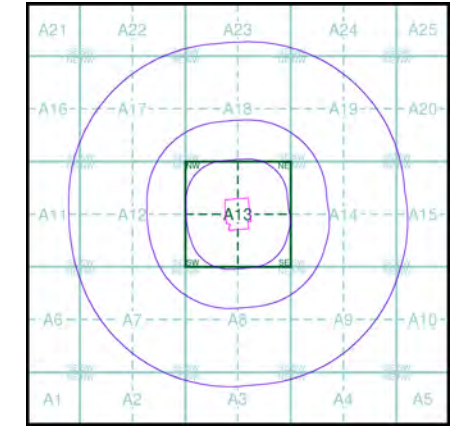
**Suffolk**  
**Published 1905**  
**Source map scale - 1:10,560**

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

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



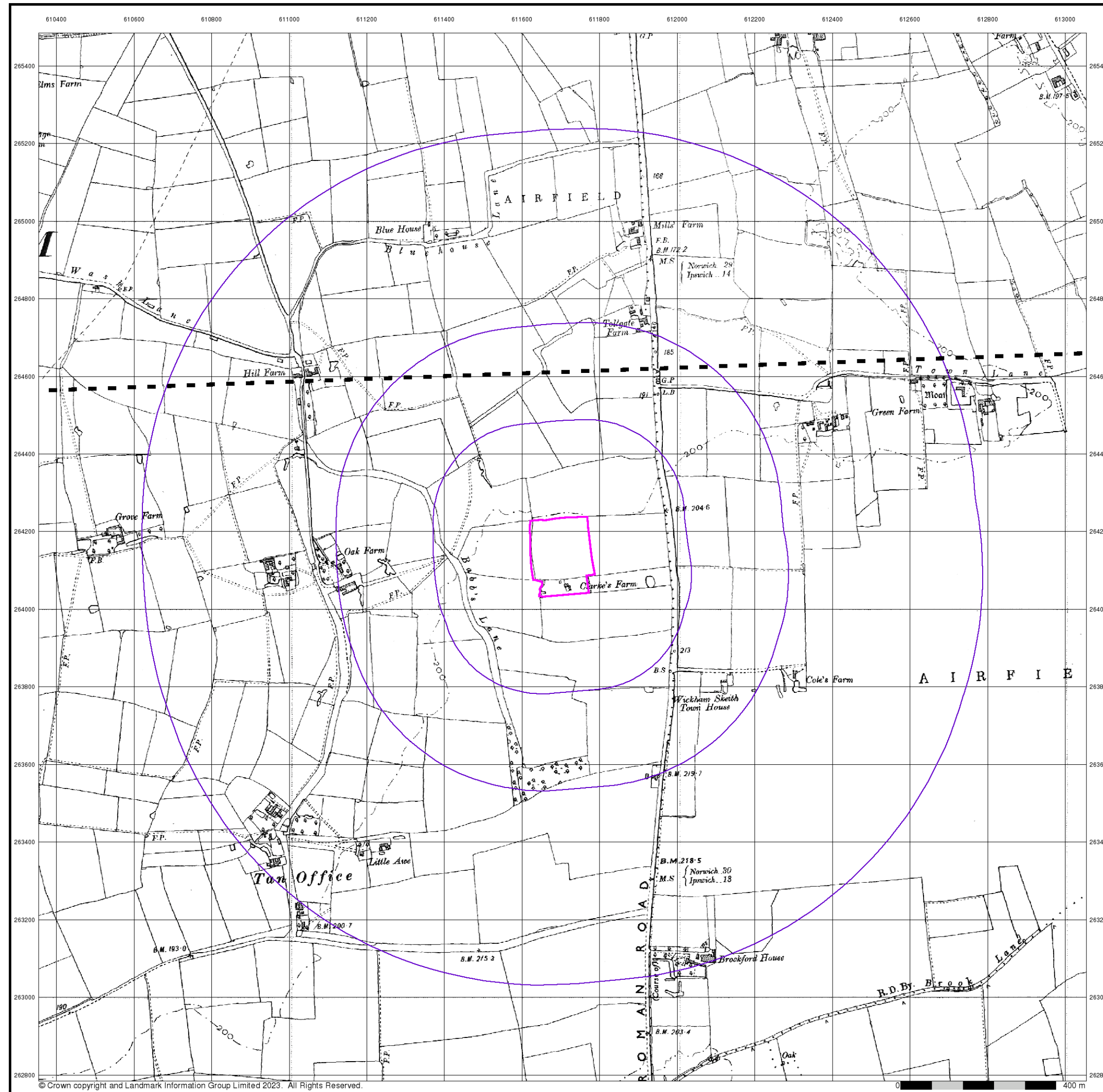
**Historical Map - Slice A**



**Order Details**  
 Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

**Site Details**  
 Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE





## Suffolk

Published 1952

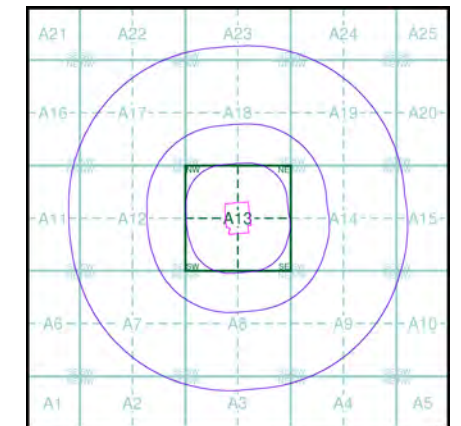
Source map scale - 1:10,560

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)

047NW	1952	1:10,560
047SW	1952	1:10,560

### Historical Map - Slice A

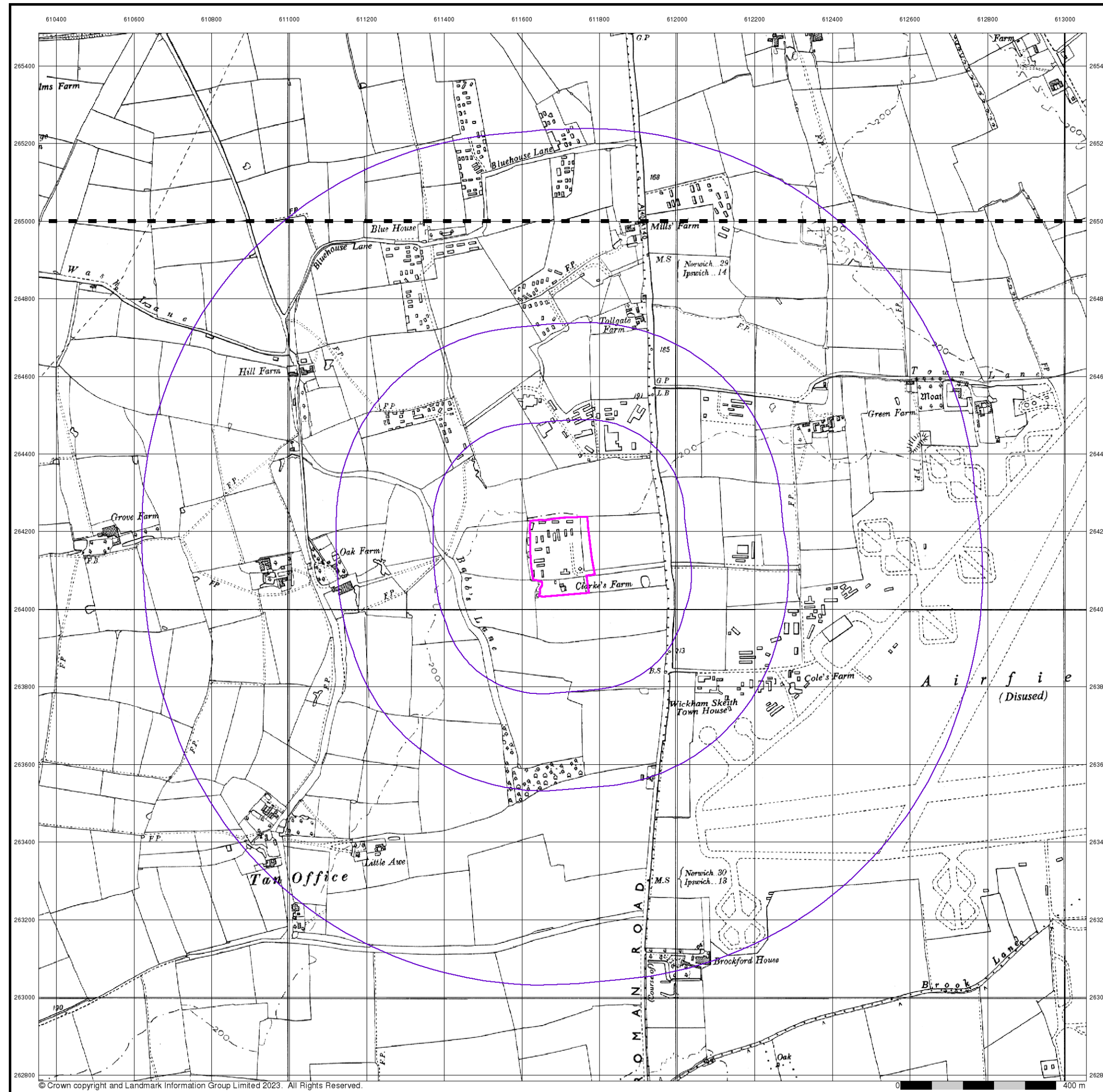


### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



## Ordnance Survey Plan

Published 1957

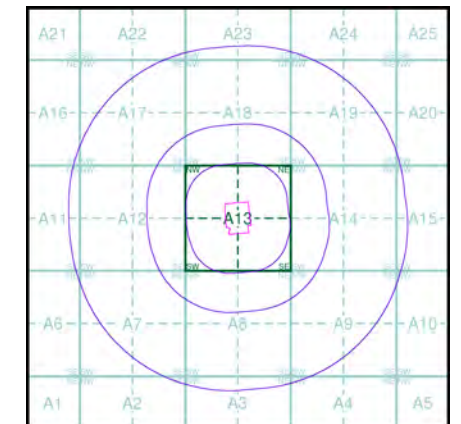
Source map scale - 1:10,000

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)

TM16NW	1957
1:10,560	
TM16SW	1957
1:10,560	

### Historical Map - Slice A

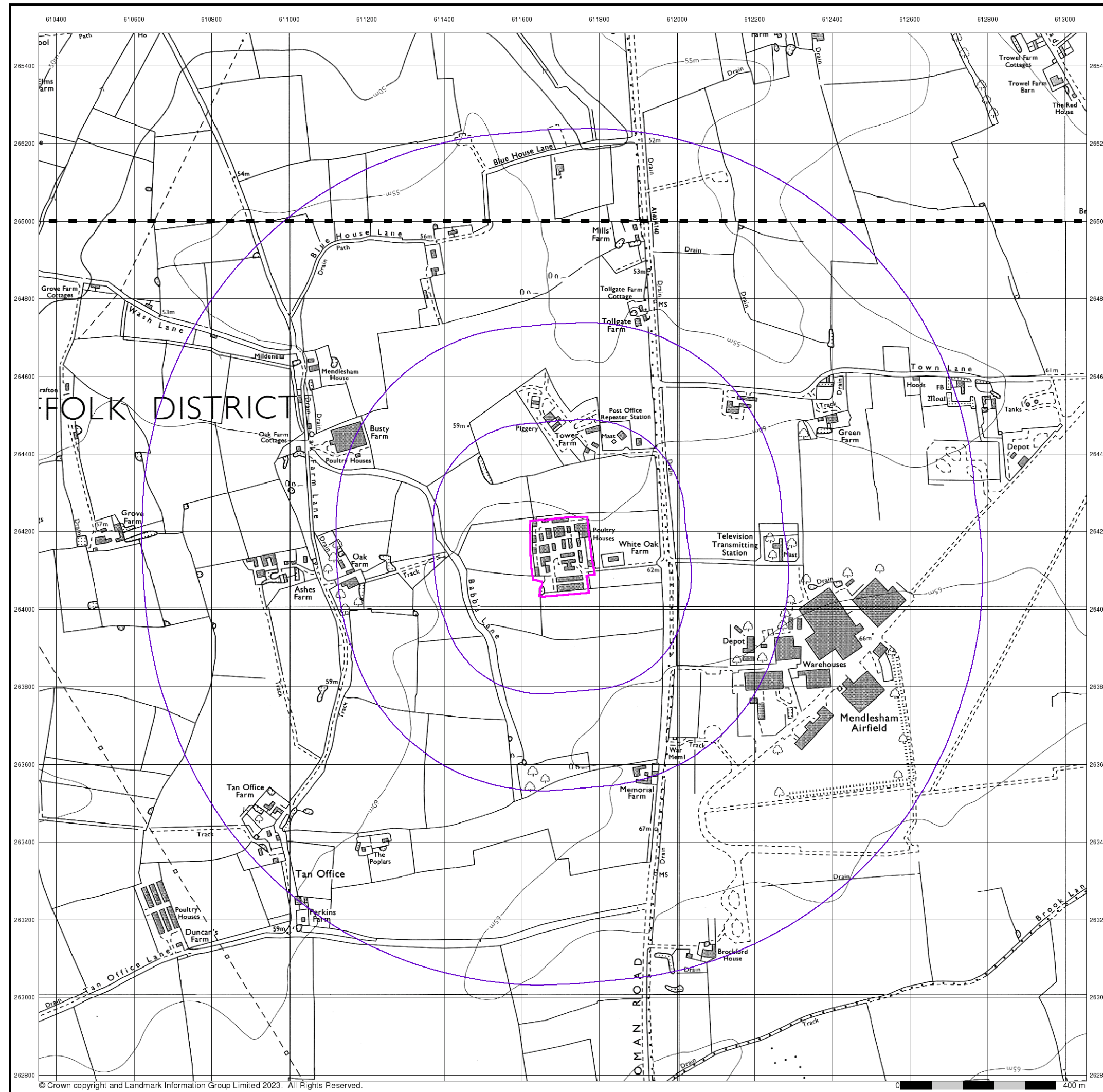


### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



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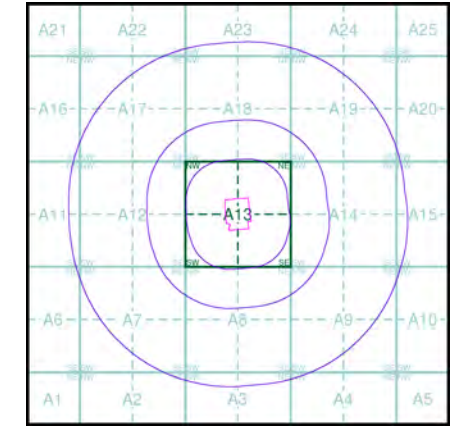
## Ordnance Survey Plan Published 1985 Source map scale - 1:10,000

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)

TM16NW	1985	1:10,000
TM16SW	1985	1:10,000

### Historical Map - Slice A



### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

## 10k Raster Mapping

Published 2000

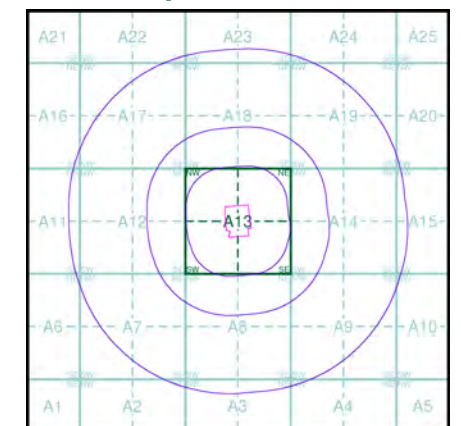
Source map scale - 1:10,000

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)

TM16NW | 2000 | 1:10,000  
 TM16SW | 2000 | 1:10,000

### Historical Map - Slice A

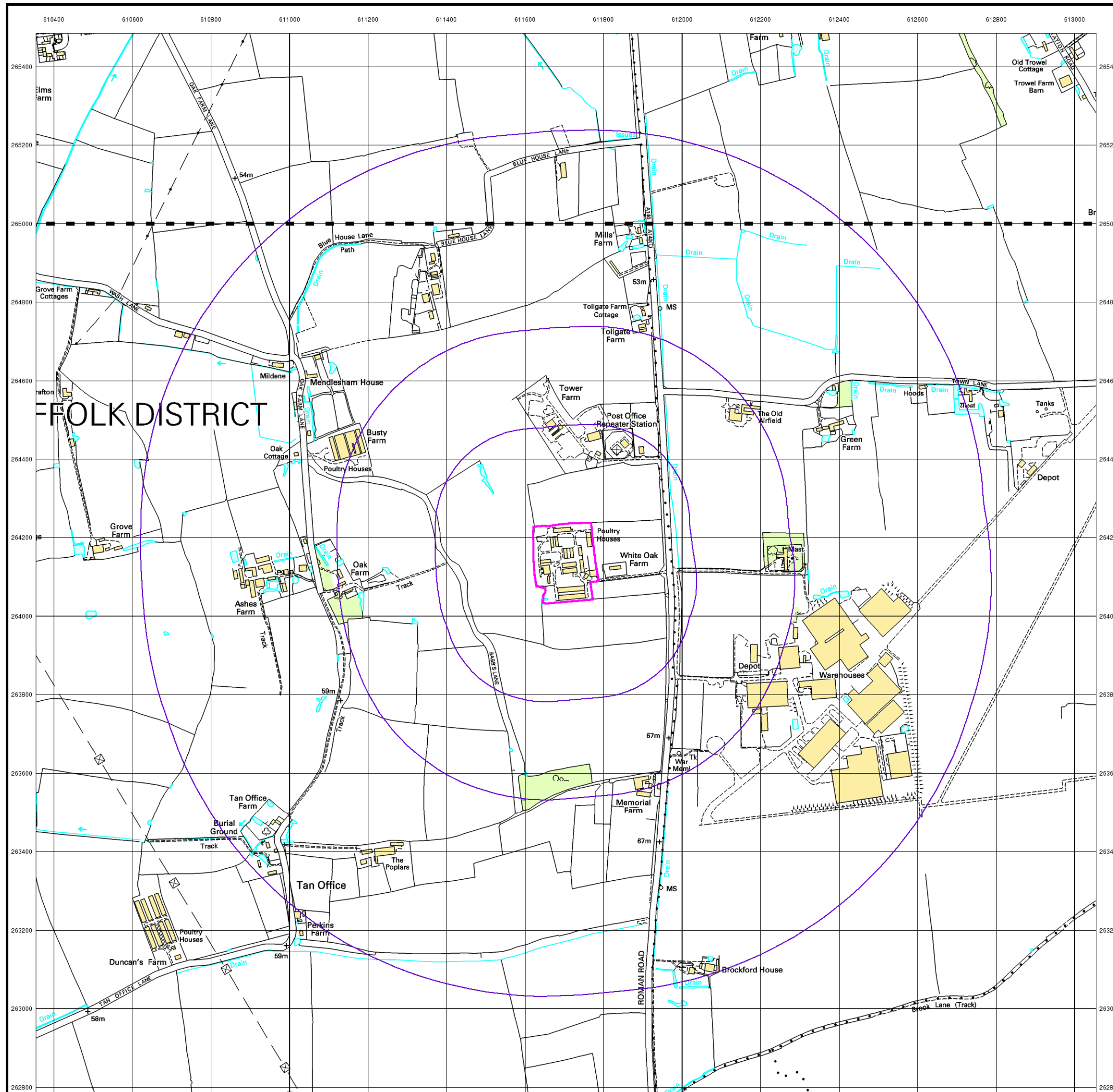


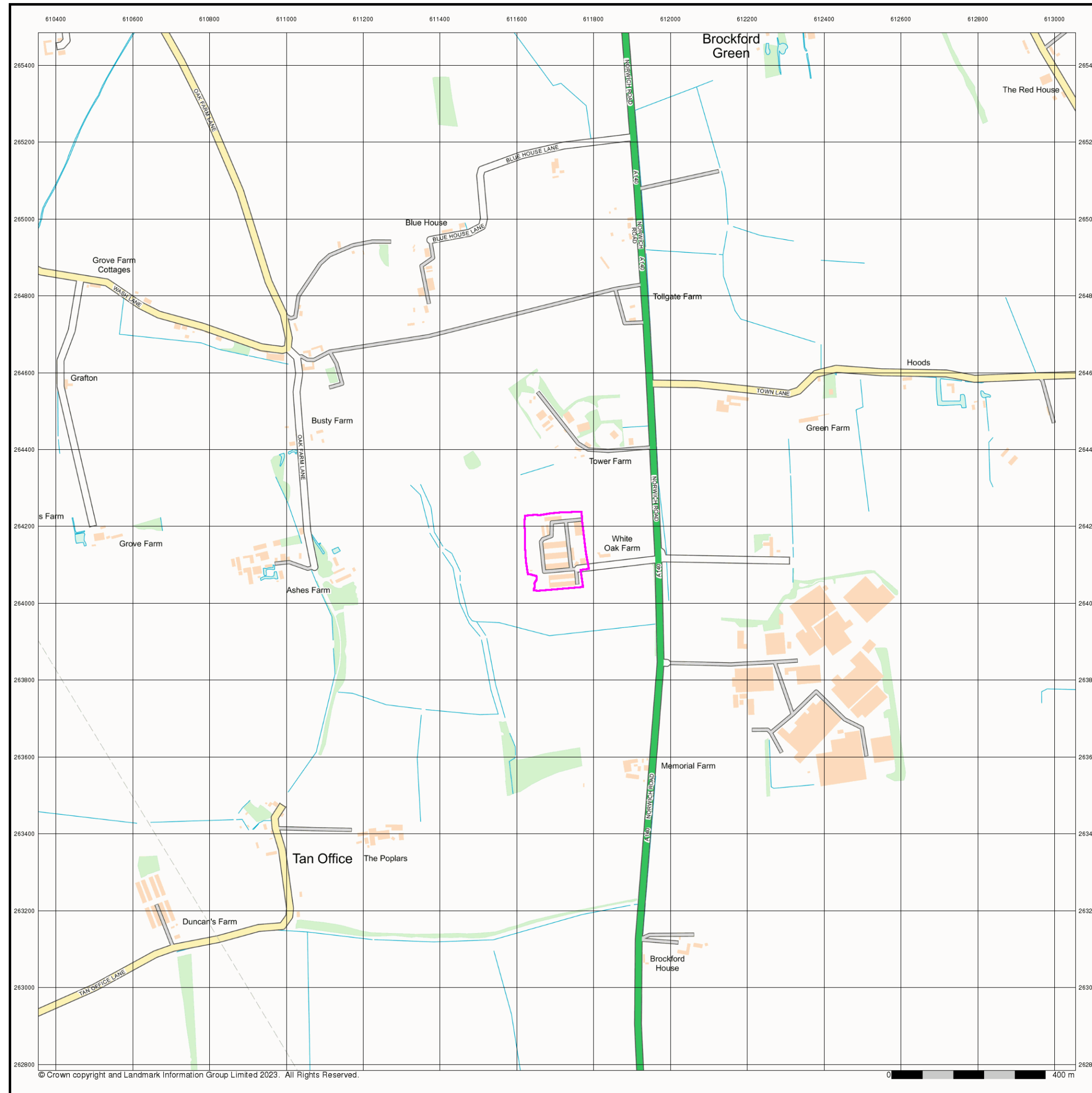
### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE





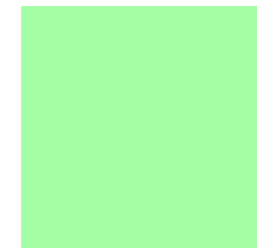
## Street View

Published 2023

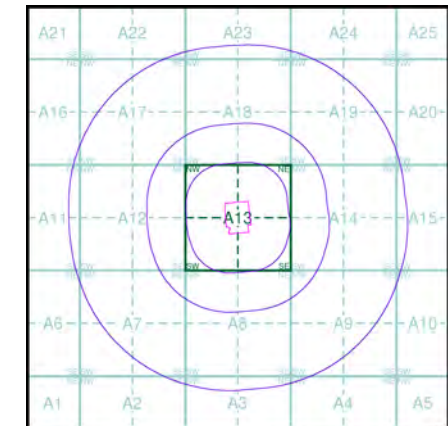
Source map scale - 1:10,000

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

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



## Street View Map - Slice A



## Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

## Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

# Appendix D

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

321600706\_1\_1

**Customer Reference:**

104788

**National Grid Reference:**

611700, 264140

**Slice:**

A

**Site Area (Ha):**

2.91

**Search Buffer (m):**

1000

#### Site Details:

Cherrygate Farm, Norwich Road

MENDLESHAM

IP14 5NE

#### Client Details:

Mr I Brown

Norse Eastern Ltd

280 Fifers Lane

Norwich

NR6 6EQ

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	27
Hazardous Substances	28
Geological	29
Industrial Land Use	30
Sensitive Land Use	31
Data Currency	32
Data Suppliers	36
Useful Contacts	37

### Introduction

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

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### Report Version v53.0



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes			n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		5	1	15
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6	Yes			
Pollution Incidents to Controlled Waters	pg 6			1	3
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 7		11		4 (*4)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 11	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Source Protection Zones	pg 12	3			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 12		22	13	89

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 27	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)	pg 28				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 28				1
Planning Hazardous Substance Consents	pg 28				1
Planning Hazardous Substance Enforcements					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 29	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites					
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 29	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 29	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 29	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 29	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 30		2	2	6
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
<b>Sensitive Land Use</b>					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 31	1	1	2	
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	0	1	611703 264138
1	<b>Discharge Consents</b> Operator: Messrs W E & G M Buchanan Property Type: Domestic Property (Single) Location: Cherry Gate Farm, Mendlesham, Suffolk Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf04308 Permit Version: 2 Effective Date: 16th January 1992 Issued Date: 16th January 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Dove <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b> Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	70	2	611800 264300
1	<b>Discharge Consents</b> Operator: Sappa Plc Property Type: Domestic Property (Single) Location: Cherry Gate Farm, Mendlesham, Suffolk Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prenf04308 Permit Version: 1 Effective Date: 13th May 1991 Issued Date: 13th May 1991 Revocation Date: 15th January 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Dove <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b> Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	70	2	611800 264300
2	<b>Discharge Consents</b> Operator: Suffolk Water Company Property Type: Undefined Or Other Location: Premises At Mendlesham Waterworks, Stowmarket, Suffolk Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr4nf1125x Permit Version: 1 Effective Date: 6th March 1985 Issued Date: 6th March 1985 Revocation Date: 19th March 1992 Discharge Type: Trade Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Dove <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b> Positional Accuracy: Located by supplier to within 100m	A13NE (N)	166	2	611800 264400
2	<b>Discharge Consents</b> Operator: Northumbrian Water Limited Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Mendlesham Waterworks, Mendlesham, Suffolk., Ip14 5ne Authority: Environment Agency, Anglian Region Catchment Area: River Dove Reference: Prenf00983 Permit Version: 2 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge Environment: Freshwater Stream/River Receiving Water: Trib. Of River Dove <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b> Positional Accuracy: Located by supplier to within 10m	A13NE (N)	177	2	611810 264410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: Northumbrian Water Limited  Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY  Location: Mendlesham Waterworks, Mendlesham, Suffolk., Ip14 5ne  Authority: Environment Agency, Anglian Region  Catchment Area: River Dove  Reference: Prenf00983  Permit Version: 1  Effective Date: 22nd May 1989  Issued Date: 22nd May 1989  Revocation Date: 31st December 2009  Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw)  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib. Of River Dove  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NE (N)	177	2	611810 264410
3	<p><b>Discharge Consents</b></p> <p>Operator: Taylor Barnard Ltd  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Mendlesham Airfield, Mendlesham, Suffolk  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf10115  Permit Version: 1  Effective Date: 22nd May 1995  Issued Date: 22nd May 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Dove  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14SW (SE)	362	2	612110 263910
4	<p><b>Discharge Consents</b></p> <p>Operator: Mr Richard Ince  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Tollgate Farmhouse, Norwich Road, Mendlesham, Suffolk, Ip14 5nq  Authority: Environment Agency, Anglian Region  Catchment Area: River Dove  Reference: Prenf16498  Permit Version: 1  Effective Date: 30th September 2004  Issued Date: 30th September 2004  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of The River Dove  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	582	2	611950 264790
5	<p><b>Discharge Consents</b></p> <p>Operator: Baronia Developments Ltd  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Busty Farm, Oak Farm Lane, Mendlesham, Suffolk, Ip14 5te  Authority: Environment Agency, Anglian Region  Catchment Area: River Dove  Reference: Prenf20623  Permit Version: 1  Effective Date: 18th April 2007  Issued Date: 18th April 2007  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Ditch Trib Of River Dove  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	596	2	611070 264450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p><b>Discharge Consents</b></p> <p>Operator: Mr T Walker  Property Type: Domestic Property (Single)  Location: Oak Cottage Oak Farm Lane, Mendlesham, Suffolk, Ip14 5te  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf08914  Permit Version: 1  Effective Date: 12th September 1994  Issued Date: 12th September 1994  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Dove  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	633	2	611030 264450
6	<p><b>Discharge Consents</b></p> <p>Operator: Coif Nominees Limited  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: The Airfield Norwich Road, Mendlesham, Stowmarket, Ip14 5nd  Authority: Environment Agency, Anglian Region  Catchment Area: River Dove  Reference: Prenf03470  Permit Version: 2  Effective Date: 5th February 1992  Issued Date: 5th February 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Dove  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	656	2	612320 263680
6	<p><b>Discharge Consents</b></p> <p>Operator: Finncutters Limited  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: The Airfield Norwich Road, Mendlesham, Stowmarket, Ip14 5nd  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Prenf03470  Permit Version: 1  Effective Date: 28th August 1990  Issued Date: 28th August 1990  Revocation Date: 4th February 1992  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Dove  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	656	2	612320 263680
7	<p><b>Discharge Consents</b></p> <p>Operator: Taylor Barnard Ltd  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Taylor Barnard Ltd Wh6, The Airfield, Mendlesham, Suffolk, Nr35 2be  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf10967  Permit Version: 1  Effective Date: 2nd June 1997  Issued Date: 2nd June 1997  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Dove  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	663	2	612450 264070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<p><b>Discharge Consents</b></p> <p>Operator: Dr &amp; Mrs P L Russell  Property Type: Domestic Property (Single)  Location: Mills Farm Norwich Road, Mendlesham, Stowmarket, Suffolk, Ip14 5nq  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Pr4nf1110x  Permit Version: 1  Effective Date: 12th December 1984  Issued Date: 12th December 1984  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Land/Soakaway  Environment:  Receiving Water: Trib River Dove  <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	663	2	611800 264900
9	<p><b>Discharge Consents</b></p> <p>Operator: Mr Richard Ince  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Mendlesham House, Oak Farm Lane, Mendlesham, Suffolk, Ip14 5te  Authority: Environment Agency, Anglian Region  Catchment Area: River Dove  Reference: Prenf13426  Permit Version: 1  Effective Date: 26th January 2001  Issued Date: 12th March 2001  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Dove  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	679	2	611020 264540
10	<p><b>Discharge Consents</b></p> <p>Operator: Mr R Ince  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Mendlesham House Oak Farm Lane, Mendlesham, Suffolk, Ip14 5te  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf10116  Permit Version: 1  Effective Date: 12th June 1995  Issued Date: 12th June 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Dove  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	694	2	611050 264620
11	<p><b>Discharge Consents</b></p> <p>Operator: M J Proctor  Property Type: Domestic Property (Single)  Location: Oak Lane Dwelling Mendlesham, Stowmarket, Suffolk, Ip14 5te  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf08495  Permit Version: 2  Effective Date: 13th June 1995  Issued Date: 13th June 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Dove  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	758	2	611030 264700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p><b>Discharge Consents</b></p> <p>Operator: M J Proctor  Property Type: Domestic Property (Single)  Location: Oak Lane Dwelling Mendlesham, Stowmarket, Suffolk, Ip14 5te  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Prenf08495  Permit Version: 1  Effective Date: 8th June 1993  Issued Date: 8th June 1993  Revocation Date: 12th June 1995  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib River Dove  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	758	2	611030 264700
12	<p><b>Discharge Consents</b></p> <p>Operator: Ceva Logistics Ltd  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Mendlesham Airfield, Norwich Rd, Mendlesham  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prenf07985  Permit Version: 1  Effective Date: 13th December 1993  Issued Date: 13th December 1993  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary River Dove  <b>Status:</b> <b>Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	814	2	612550 263800
13	<p><b>Discharge Consents</b></p> <p>Operator: Mr Mark Double  Property Type: Domestic Property (Single)  Location: Hoods Town Lane, Brockford, Stowmarket, Suffolk, Ip14 5nf  Authority: Environment Agency, Anglian Region  Catchment Area: River Dove  Reference: Npswd004728  Permit Version: 1  Effective Date: 22nd October 2008  Issued Date: 22nd October 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of River Dove  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	887	2	612583 264590
14	<p><b>Discharge Consents</b></p> <p>Operator: Douglas Lawrence Williams  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Tan Office Mendelsham Green, Stowmarket, Suffolk, Suffolk, Ip14 5fl  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Prenf19499  Permit Version: 1  Effective Date: 3rd August 2003  Issued Date: 3rd August 2005  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: River Gipping  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7SW (SW)	897	2	610988 263422



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p><b>Discharge Consents</b></p> <p>Operator: Mr Christopher Baker  Property Type: Domestic Property (Single)  Location: Tan Office Farm, Mendlesham Green, Stowmarket, Suffolk, Ip14 5rl  Authority: Environment Agency, Anglian Region  Catchment Area: River Gipping / River Jordan  Reference: Npswqd000647  Permit Version: 1  Effective Date: 12th February 2008  Issued Date: 12th February 2008  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unnamed Ditch  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7SW (SW)	965	2	610876 263451
	<p><b>Nearest Surface Water Feature</b></p>	A13SW (SW)	0	-	611645 264051
16	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Road  Location: Ipswich District  Authority: Environment Agency, Anglian Region  Pollutant: Miscellaneous - Vehicle Washings And De Waxing  Note: Tributary Of River Dove  Incident Date: 19th April 1995  Incident Reference: 2305  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Inadequate Construction  Incident Severity: Category 2 - Significant Incident  Positional Accuracy: Located by supplier to within 100m</p>	A14SW (SE)	357	2	612100 263900
17	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Domestic/Residential  Location: Ipswich District  Authority: Environment Agency, Anglian Region  Pollutant: Oils - Kerosene Fuel Oil  Note: Tributary River Dove  Incident Date: 3rd December 1998  Incident Reference: 3281  Catchment Area: Not Given  Receiving Water: Not Given  Cause of Incident: Leaking Underground Pipe  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	642	2	611100 264600
18	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Road  Location: Ipswich District  Authority: Environment Agency, Anglian Region  Pollutant: Oils - Diesel (Including Agricultural)  Note: Dove  Incident Date: 20th February 1995  Incident Reference: 2263  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Leaking Tank  Incident Severity: Category 2 - Significant Incident  Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	945	2	612700 264400
19	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: Ipswich District  Authority: Environment Agency, Anglian Region  Pollutant: Oils - Kerosene Fuel Oil  Note: Dove Tributary  Incident Date: 27th December 1995  Incident Reference: 2505  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</p>	A19SE (NE)	999	2	612700 264600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 101  Location: Bore Off Roman Road, Mendlesham  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: E chalk; Status: Time Limit  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2000  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	158	2	611750 264395
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 110  Location: Bore Off Roman Road, Mendlesham -Point E  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Abstraction Point E - Mendlesham  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 26th August 2022  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	160	2	611761 264397
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 109  Location: Bore Off Roman Road, Mendlesham -Point E  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Abstraction Point E - Mendlesham  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 31st July 2019  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	160	2	611761 264397
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 108  Location: Bore Off Roman Road, Mendlesham  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Abstraction Point E - Mendlesham  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 27th September 2018  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	160	2	611761 264397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 107  Location: Bore Off Roman Road,Mendlesham  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Abstraction Point 3 - Mendlesham  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 5th December 2016  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	163	2	611750 264400
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 106  Location: Bore Off Roman Road,Mendlesham  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Abstraction Point 3 - Mendlesham  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2010  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	163	2	611750 264400
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 105  Location: Bore Off Roman Road,Mendlesham  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Abstraction Point 3 - Mendlesham  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 30th November 2009  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	163	2	611750 264400
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 104  Location: Bore Off Roman Road,Mendlesham  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Abstraction Point 3 - Mendlesham  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 31st March 2009  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	163	2	611750 264400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 103  Location: Bore Off Roman Road, Mendlesham  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Abstraction Point 3 (On Licence)  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 28th April 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	163	2	611750 264400
20	<p><b>Water Abstractions</b></p> <p>Operator: Northumbrian Water Ltd  Licence Number: 7/34/16/*G/0048  Permit Version: 102  Location: Bore Off Roman Road, Mendlesham  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Abstraction Point 3 (On Licence)  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 15th October 2002  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	163	2	611750 264400
20	<p><b>Water Abstractions</b></p> <p>Operator: Essex And Suffolk Water Plc  Licence Number: 7/34/16/#g/048  Permit Version: Not Supplied  Location: Bore Off Roman Road, MENDLESHAM  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): 2500  Yearly Rate (m3): 3637000  Details: Not Supplied  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Unknown</p>	A13NE (N)	163	2	611750 264400
21	<p><b>Water Abstractions</b></p> <p>Operator: J Bishop  Licence Number: 7/34/17/*G/0038  Permit Version: 101  Location: Bore At Oak Fm, Mendlesham GrN  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: Oak Farm Mendlesham Green Stowmarket Suffolk  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st October 2004  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	504	2	611120 264110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p><b>Water Abstractions</b></p> <p>Operator: W F Carter  Licence Number: 7/34/17/*G/0038  Permit Version: 100  Location: Bore At Oak Fm,Mendlesham Gr'N  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: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 1994  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	504	2	611120 264110
22	<p><b>Water Abstractions</b></p> <p>Operator: R Colchester  Licence Number: 7/34/17/*g/032  Permit Version: Not Supplied  Location: Bore At Ashes Farm, MENDLESHAM  Authority: Environment Agency, Anglian Region  Abstraction: Agriculture (General)  Abstraction Type: Not Supplied  Source: Well And Borehole  Daily Rate (m3): 1  Yearly Rate (m3): 9000  Details: E chalk; 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</p>	A12SW (W)	633	2	610990 264110
23	<p><b>Water Abstractions</b></p> <p>Operator: George Stedman &amp; Son  Licence Number: 7/35/08/*G/0017  Permit Version: 100  Location: Bore At Brockford House,Wether  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 January 1966  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A4NW (S)	988	2	612070 263100
	<p><b>Water Abstractions</b></p> <p>Operator: Juby Bros  Licence Number: 7/34/17/*G/0037  Permit Version: 100  Location: Bore At Grove Fm,Mend'M Green  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: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st May 1966  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	1061	2	610560 264200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: George Stedman & Son Licence Number: 7/35/08/*G/0017 Permit Version: 100 Location: Bore At Waltham Hall,L.Stonham 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 January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SW (S)	1532	2	611680 262500
	<b>Water Abstractions</b> Operator: Mickfield Hall Farms Licence Number: 7/35/06/*G/0013 Permit Version: 100 Location: Bore At Mickfield 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 December 1965 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1700	2	613400 263550
	<b>Water Abstractions</b> Operator: Mr M R Allen Licence Number: 7/34/17/*g/043 Permit Version: Not Supplied Location: Bore Adjacent Vicarage, MENDLESHAM Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing ( Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 114 Yearly Rate (m3): 455000 Details: E chalk; 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	A16NW (NW)	1710	2	610140 265080
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Intergranular Dilution: <300 mm/year Baseflow Index: 40-70% Superficial: >90% Patchiness: Superficial >10m Thickness: Superficial Low Recharge:	A13NW (NW)	0	3	611703 264138
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Principal Aquifer	A13NW (NW)	0	3	611703 264138
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NW)	0	3	611703 264138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13NW (NW)	0	2	611703 264138
25	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13NW (NW)	0	2	611703 264138
26	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13NW (NW)	0	2	611703 264138
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 472.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SW (S)	105	4	611641 263926
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 91.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NW (N)	107	4	611626 264335
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 44.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A13SW (SW)	166	4	611496 263951
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 114.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SW (W)	170	4	611453 264050
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 76.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SW (W)	172	4	611454 264086

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SW (W)	173	4	611454 264081
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 213.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13SW (SW)	175	4	611522 263908
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SW (W)	176	4	611453 264072
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SW (W)	178	4	611453 264057
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 246.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SW (W)	182	4	611437 264079
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 389.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A13SW (SW)	188	4	611509 263904
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 107.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SE (E)	204	4	611990 264112
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SE (E)	204	4	611990 264118
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 283.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NE (E)	207	4	611986 264170



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NW (W)	209	4	611413 264141
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 174.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NW (W)	214	4	611408 264147
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13SW (W)	216	4	611407 264132
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 46.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NW (W)	225	4	611397 264144
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NE (NE)	244	4	611876 264456
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 65.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NE (NE)	244	4	611876 264456
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NW (W)	248	4	611374 264182
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 126.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NW (W)	250	4	611372 264194
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NE (NE)	259	4	611965 264406

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 146.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A13NE (NE)	262	4	611965 264412
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 52.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A18SE (NE)	262	4	611873 264478
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 61.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8NW (S)	378	4	611582 263661
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 325.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A18SE (NE)	394	4	611956 264584
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	420	4	611363 263722
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	424	4	611356 263723
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	426	4	611352 263724
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 223.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	426	4	611352 263724
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	430	4	611352 263719

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8NW (S)	433	4	611597 263603
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 278.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NE (SW)	438	4	611352 263709
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 105.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8NW (S)	438	4	611597 263597
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 197.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A12SE (W)	523	4	611119 263964
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 71.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A12SE (W)	524	4	611099 264128
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 325.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8NE (SE)	527	4	611962 263550
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A14SW (E)	533	4	612320 264091
66	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 28.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A14SW (E)	533	4	612319 264113
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 27.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A14NW (E)	534	4	612320 264145

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A14NW (E)	535	4	612319 264153
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 274.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A14NW (E)	536	4	612319 264155
70	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 21.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A12SE (W)	537	4	611122 263903
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 405.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A12SE (SW)	543	4	611123 263882
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 87.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A14SW (E)	549	4	612335 264044
73	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 78.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A12NE (W)	581	4	611041 264153
74	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 188.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A12NE (W)	581	4	611041 264153
75	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 78.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A12NE (NW)	600	4	611064 264446
76	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 91.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SW (NE)	626	4	612312 264548

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 236.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Not Supplied Primacy: 1	A9NW (SE)	628	4	612258 263644
78	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A17SE (NW)	638	4	611058 264524
79	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A17SE (NW)	640	4	611057 264527
80	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 284.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A12NW (NW)	644	4	611019 264453
81	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 380.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SW (NE)	650	4	612184 264738
82	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 45.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A12SW (W)	657	4	610968 264099
83	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A17SE (NW)	668	4	611033 264543
84	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 185.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 2	A18NE (N)	699	4	611937 264916
85	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 147.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 2	A18NE (N)	709	4	611936 264926

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	716	4	612384 264603
87	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 2	A19SE (NE)	720	4	612393 264595
88	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 67.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	724	4	612393 264605
89	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 459.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	724	4	612393 264605
90	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A18NE (N)	727	4	611914 264949
91	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 11.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A17SW (NW)	728	4	611016 264631
92	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A17SW (NW)	730	4	611008 264622
93	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 107.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A17SW (NW)	732	4	611006 264621
94	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A18NE (N)	732	4	611914 264954

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A18NE (N)	733	4	611914 264956
96	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 44.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	735	4	612431 264556
97	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 360.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A14NE (E)	740	4	612517 264238
98	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A18NE (N)	745	4	611913 264969
99	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 57.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A18NE (N)	752	4	611910 264977
100	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 38.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	755	4	612431 264600
101	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 65.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A18NW (N)	755	4	611477 264968
102	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 2	A19NW (NE)	756	4	612120 264907
103	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 2	A19NW (NE)	759	4	612127 264907

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 219.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	760	4	612393 264672
105	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 62.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NW (NE)	763	4	612137 264906
106	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	788	4	612469 264601
107	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 22.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	793	4	612474 264600
108	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	803	4	612495 264581
109	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	807	4	612495 264588
110	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 89.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	813	4	612497 264598
111	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NW (NE)	823	4	612148 264968
112	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NW (NE)	828	4	612149 264973



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A17SW (NW)	832	4	610902 264642
114	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8SE (S)	832	4	611936 263226
115	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 737.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A17SW (NW)	833	4	610901 264643
116	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 8.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NW (NE)	835	4	612156 264978
117	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NW (NE)	835	4	612156 264978
118	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 141.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NW (NE)	838	4	612150 264984
119	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 855.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A8SE (S)	838	4	611896 263213
120	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A8SE (S)	838	4	611901 263214
121	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A8SE (S)	838	4	611905 263215

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 80.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A8SE (S)	839	4	611936 263219
123	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 2	A8SE (S)	839	4	611915 263216
124	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 162.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NW (NE)	840	4	612164 264979
125	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 59.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A7NW (SW)	842	4	611009 263481
126	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 2	A18NE (N)	850	4	611925 265073
127	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 371.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 2	A18NE (N)	860	4	611925 265083
128	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 23.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7SW (SW)	878	4	611013 263425
129	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	891	4	612586 264592
130	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A7SW (SW)	894	4	610989 263425

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 77.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A7SW (SW)	901	4	610978 263428
132	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 114.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NE (NE)	903	4	612392 264891
133	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NW (SW)	914	4	610919 263478
134	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 64.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7NW (SW)	919	4	610906 263487
135	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 23.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	920	4	612619 264591
136	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A7SW (SW)	940	4	610928 263425
137	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	941	4	612641 264590
138	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 35.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A11NE (W)	943	4	610678 264188
139	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 384.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A3NW (S)	944	4	611541 263095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 46.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	946	4	612647 264589
141	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NW (NE)	959	4	612134 265124
142	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A7SW (SW)	961	4	610912 263411
143	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 219.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19NW (NE)	964	4	612130 265132
144	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A7SW (SW)	964	4	610912 263408
145	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A7SW (SW)	966	4	610886 263437
146	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 464.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A23SE (N)	972	4	611793 265208
147	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 41.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Gipping Primacy: 1	A3NE (S)	972	4	611979 263092
148	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A7SW (SW)	981	4	610867 263436

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 216.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Gipping Catchment Name: Gipping Primacy: 1	A7SW (SW)	984	4	610863 263436
150	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 66.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Waveney Primacy: 1	A19SE (NE)	988	4	612693 264587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Suffolk County Council - Has supplied landfill data		0	5	611703 264138
	<b>Local Authority Landfill Coverage</b> Name: Mid Suffolk District Council - Has supplied landfill data		0	6	611703 264138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	<p><b>Control of Major Accident Hazards Sites (COMAH)</b></p> <p>Name: Taylor Barnard Ltd            Location: The Airfield, Norwich Road, Mendlesham, STOWMARKET, Suffolk, IP14 5NA            Reference: Not Supplied            Type: Lower Tier            Status: <b>Record Ceased To Be Supplied Under COMAH Regulations</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	628	7	612359 263816
152	<p><b>Notification of Installations Handling Hazardous Substances (NIHHS)</b></p> <p>Name: Taylor Barnard Limited            Location: The Airfield, Norwich Road, Mendlesham, STOWMARKET, Suffolk, IP14 5NA            Status: <b>Not Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	630	7	612359 263811
153	<p><b>Planning Hazardous Substance Consents</b></p> <p>Name: Taylor Barnard            Location: Mendlesham Airfield, STOWMARKET, Suffolk, IP14 5NA            Authority: Mid Suffolk District Council, Planning Department            Application Ref: H/1/94            Hazardous Substance: Part B, Highly Reactive and Explosive Substance, Cellulose nitrate (TFR required), where amount held is greater than or equal to 50 tonnes            Maximum Quantity: 750            Application date: 16th November 1993            Decision: <b>New application granted conditionally</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	628	8	612359 263816

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Neogene To Quaternary Rocks (Undifferentiated)	A13NW (NW)	0	1	611703 264138
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	611703 264138
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	611703 264138
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	611703 264138
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	611703 264138
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	611703 264138
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	611703 264138
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	611703 264138
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	611703 264138



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tower Products            Location: Tower Farm, Norwich Road, Mendlesham, Stowmarket, Suffolk, IP14 5NE            Classification: Disability Equipment - Manufacturers &amp; Suppliers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	181	-	611783 264418
154	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Tower Reclaim            Location: Tower Farm, Norwich Road, Mendlesham, Stowmarket, Suffolk, IP14 5NE            Classification: Builders' Merchants            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	181	-	611783 264418
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Used Truck Ltd            Location: The Old Airfield, Town La, Brockford, Stowmarket, Suffolk, IP14 5NF            Classification: Commercial Vehicle Dealers            Status: <b>Inactive</b>            Positional Accuracy: Manually positioned to the address or location</p>	A19SW (NE)	500	-	612173 264532
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Seven Refrigeration            Location: The Old Airfield, Town Lane, Brockford, Stowmarket, Suffolk, IP14 5NF            Classification: Air Conditioning &amp; Refrigeration Contractors            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	500	-	612173 264533
155	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Uk-Net Transport Ltd            Location: The Old Airfield, Town Lane, Brockford, Stowmarket, IP14 5NF            Classification: Road Haulage Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	501	-	612173 264533
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Trade Counter Distribution Ltd            Location: Unit 1 Mendlesham Industrial Estate, Norwich Road, Mendlesham, Stowmarket, Suffolk, IP14 5ND            Classification: Distribution Services            Status: <b>Active</b>            Positional Accuracy: Manually positioned to the address or location</p>	A14SW (SE)	628	-	612359 263816
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ellis &amp; Everard (Uk) Ltd            Location: Old Airfield, Norwich Road, Mendlesham, Stowmarket, Suffolk, IP14 5NA            Classification: Chemicals - Distributors &amp; Wholesalers            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	628	-	612359 263816
156	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Ceva Logistics Ltd            Location: Norwich Road, Mendlesham, Stowmarket, IP14 5ND            Classification: Road Haulage Services            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	653	-	612377 263796
157	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: M J Proctor &amp; Partners            Location: The Brambles, Norwich Road, Mendlesham, Stowmarket, Suffolk, IP14 5NH            Classification: Road Haulage Services            Status: <b>Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (NW)	732	-	611367 264913
158	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Scholar Engines Ltd            Location: Norwich Road, Mendlesham, Stowmarket, Suffolk, IP14 5NH            Classification: Engine Rebuilding &amp; Reconditioning            Status: <b>Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	909	-	611692 265144

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	<b>Nitrate Vulnerable Zones</b> Name: River Waveney Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (NW)	0	3	611703 264138
160	<b>Nitrate Vulnerable Zones</b> Name: Sandlings And Chelmsford Description: Groundwater Source: Environment Agency, Head Office	A13SW (S)	105	3	611641 263926
161	<b>Nitrate Vulnerable Zones</b> Name: Deben Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (SE)	297	3	611989 263839
162	<b>Nitrate Vulnerable Zones</b> Name: River Gipping Nvz Description: Surface Water Source: Environment Agency, Head Office	A12SE (SW)	318	3	611327 263981



Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Mid Suffolk District Council - Environmental Health Department Environment Agency - Head Office	January 2020 June 2020	Annual Rolling Update Annually
<b>Discharge Consents</b> Environment Agency - Anglian Region	July 2023	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region	January 2023	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Mid Suffolk District Council - Environmental Health Department	June 2014	Variable
<b>Local Authority Pollution Prevention and Controls</b> Mid Suffolk District Council - Environmental Health Department	June 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Mid Suffolk District Council - Environmental Health Department	June 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2023	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Anglian Region	September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Eastern Area	July 2023	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region	April 2023	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Source Protection Zones</b> Environment Agency - Head Office	September 2022	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2023	Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2023	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	February 2023	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	August 2023	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2022	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2023	Quarterly
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Environment Agency - Head Office	July 2023	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Eastern Area	July 2023	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Eastern Area	January 2023	Quarterly
<b>Local Authority Landfill Coverage</b> Mid Suffolk District Council - Environmental Health Department Suffolk County Council	February 2003 February 2003	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Mid Suffolk District Council - Environmental Health Department Suffolk County Council	October 2018 October 2018	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Eastern Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Eastern Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Eastern Area	June 2015	
Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	March 2023	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Suffolk County Council - Environment and Transport Mid Suffolk District Council - Planning Department	February 2006 March 2023	Annual Rolling Update Variable
<b>Planning Hazardous Substance Consents</b> Suffolk County Council - Environment and Transport Mid Suffolk District Council - Planning Department	February 2006 February 2016	Annual Rolling Update Variable

Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	February 2023	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	September 2022	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	September 2022	Annually
Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	July 2023	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	August 2023	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<b>Underground Electrical Cables</b> National Grid	February 2023	Bi-Annually

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

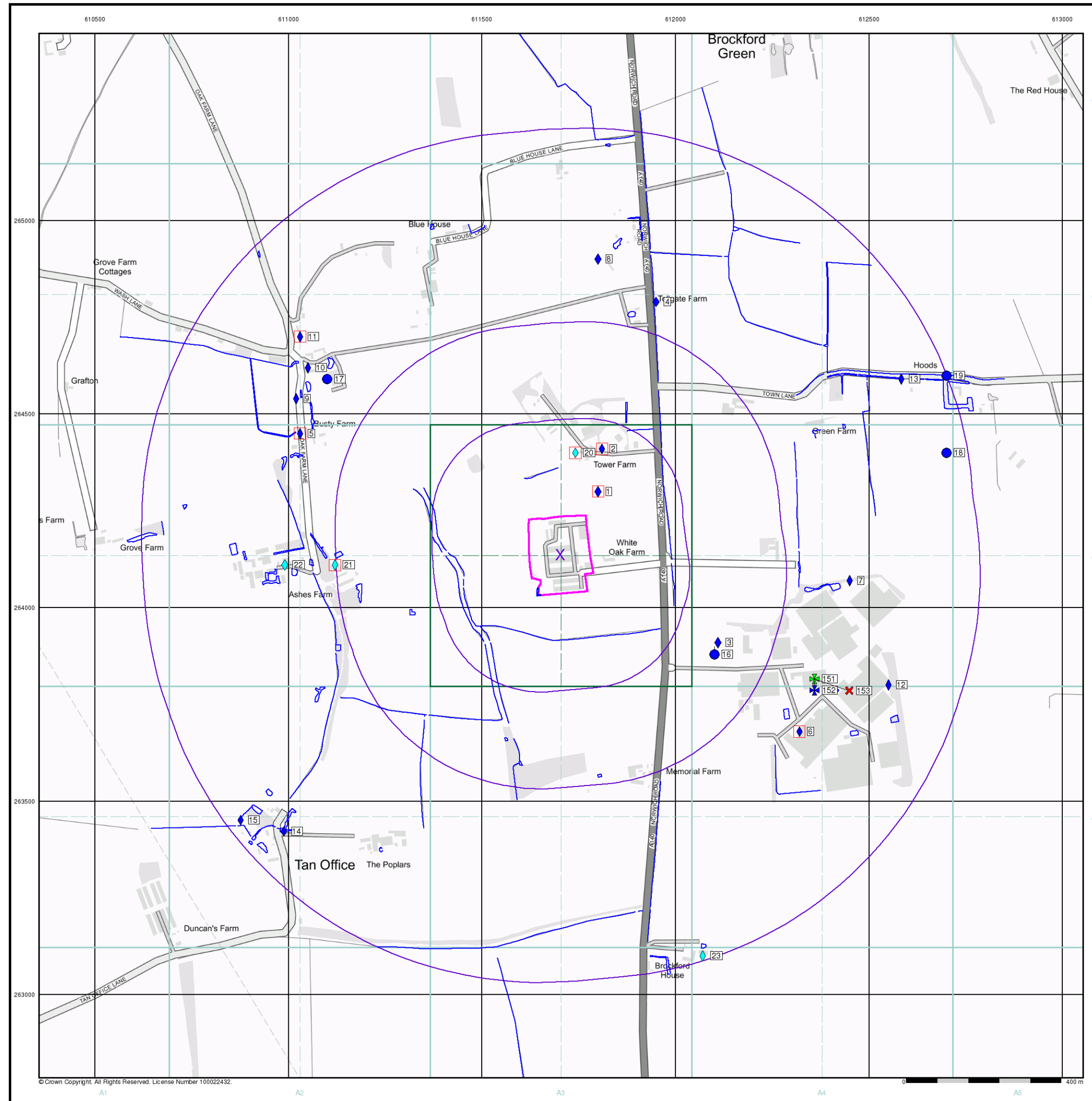
A selection of organisations who provide data within this report

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

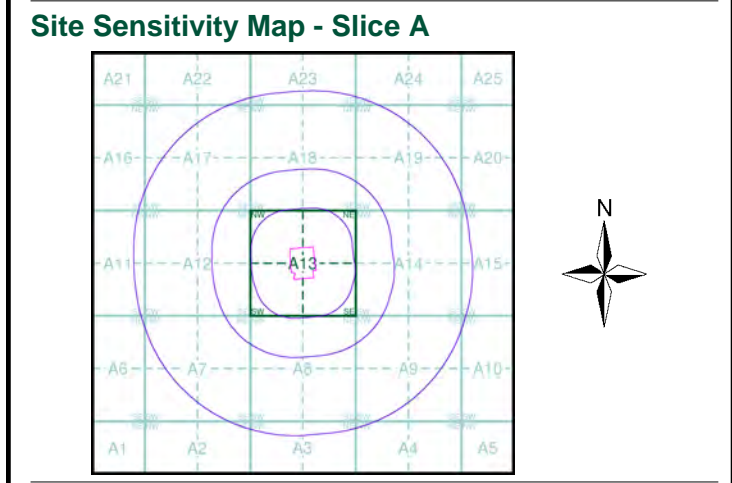
Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>Suffolk County Council</b> St Edmund House, County Hall, Ipswich, Suffolk, IP4 1LZ	Telephone: 01473 583000 Fax: 01473 230240 Website: www.suffolkcc.gov.uk
6	<b>Mid Suffolk District Council - Environmental Health Department</b> Council Offices, 131 High Street, Needham Market, Ipswich, Suffolk, IP6 8DL	Telephone: 01473 826622 Email: customer.services@babberghmidsuffolk.gov.uk Website: www.midsuffolk.gov.uk
7	<b>Health and Safety Executive</b> 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	<b>Mid Suffolk District Council - Planning Department</b> Council Offices, 131 High Street, Needham Market, Ipswich, Suffolk, IP6 8DL	Telephone: 01449 724612 Email: planningadmin@babberghmidsuffolk.gov.uk Website: www.midsuffolk.gov.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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





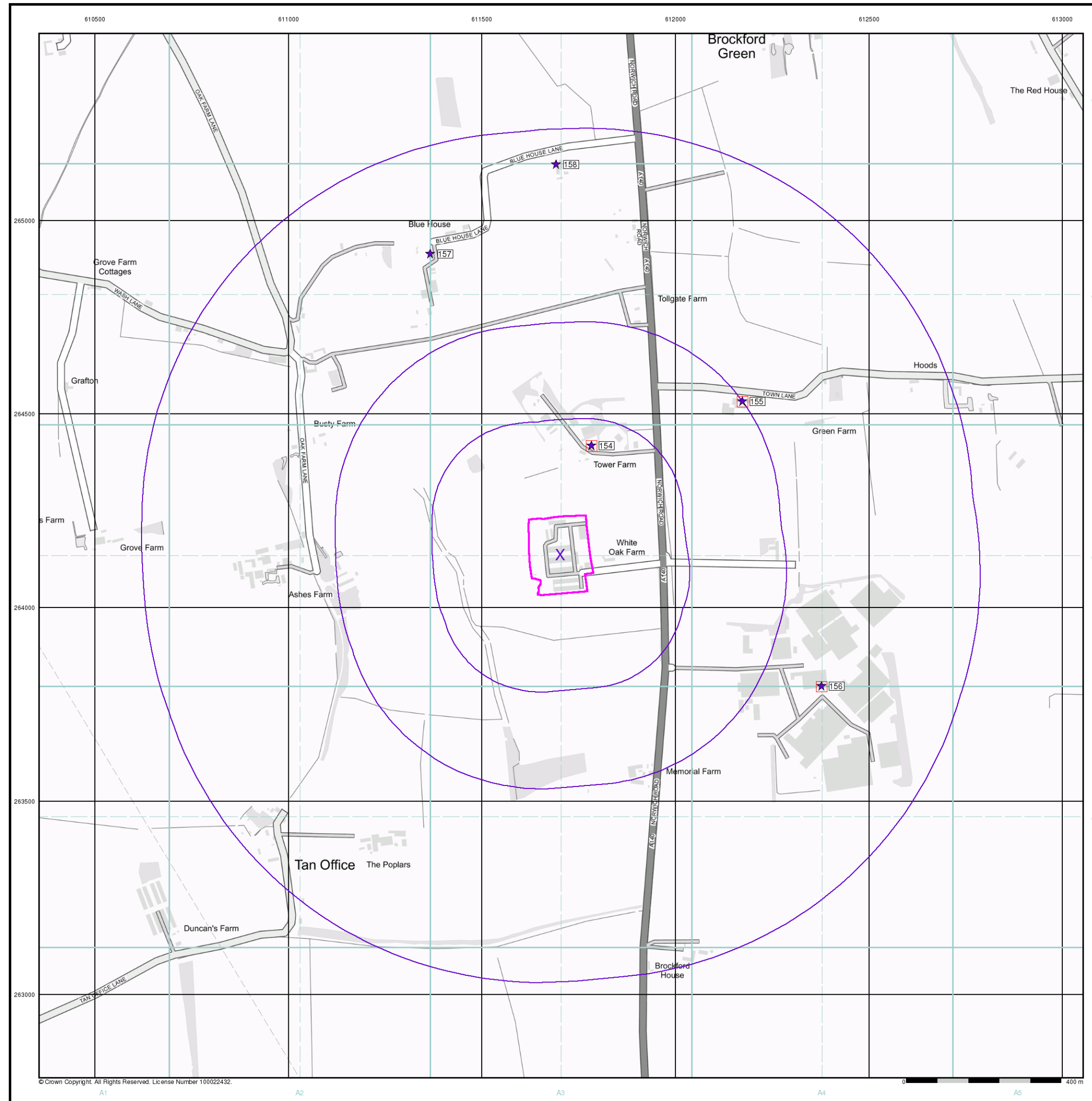
- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition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



**Order Details**






Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

**Site Details**  
 Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE







## Industrial Land Use Map

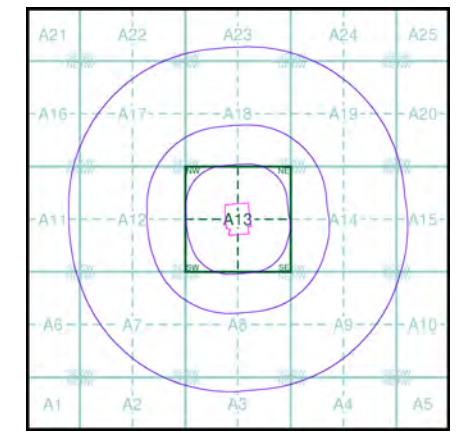
### General

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

### Industrial Land Use

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

### Industrial Land Use Map - Slice A

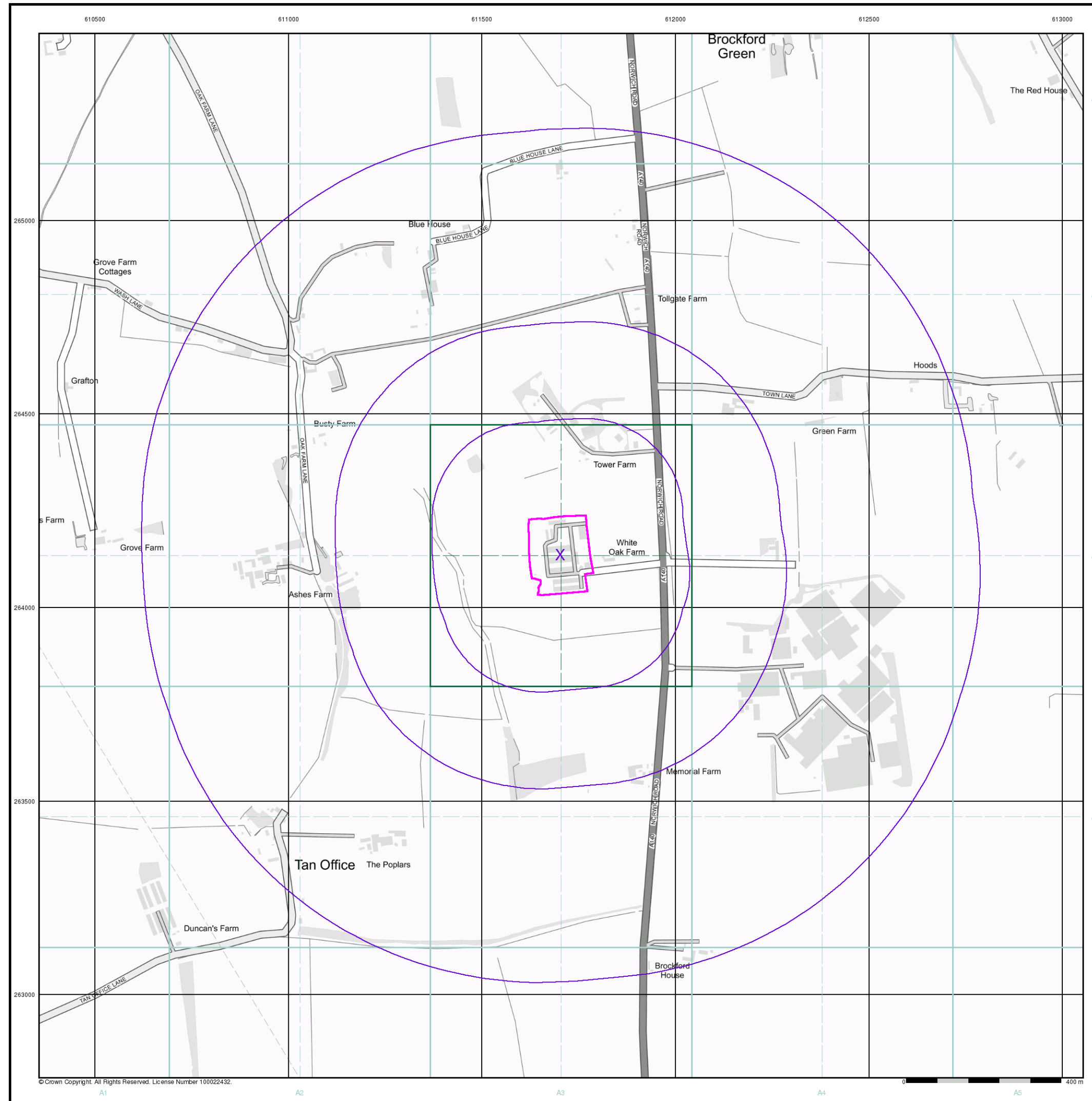


### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE



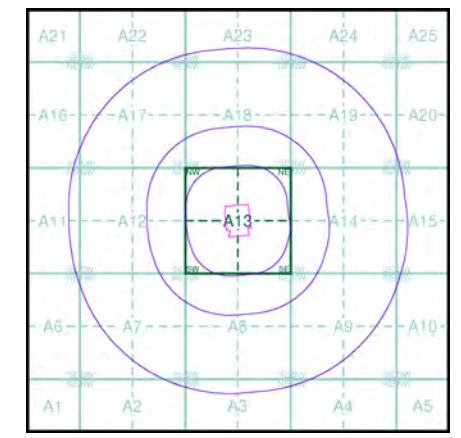
### General

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

### Agency and Hydrological (Flood)

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

### Flood Map - Slice A



### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

### General

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

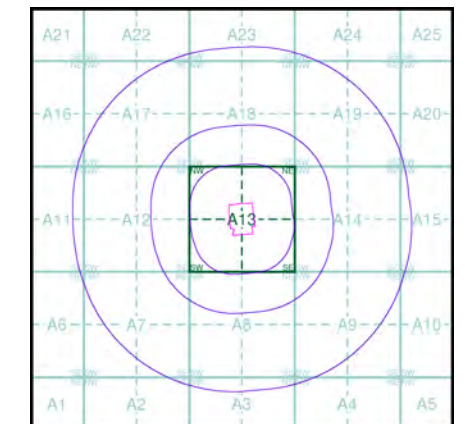
### Agency and Hydrological (Boreholes)

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

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

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

### Borehole Map - Slice A

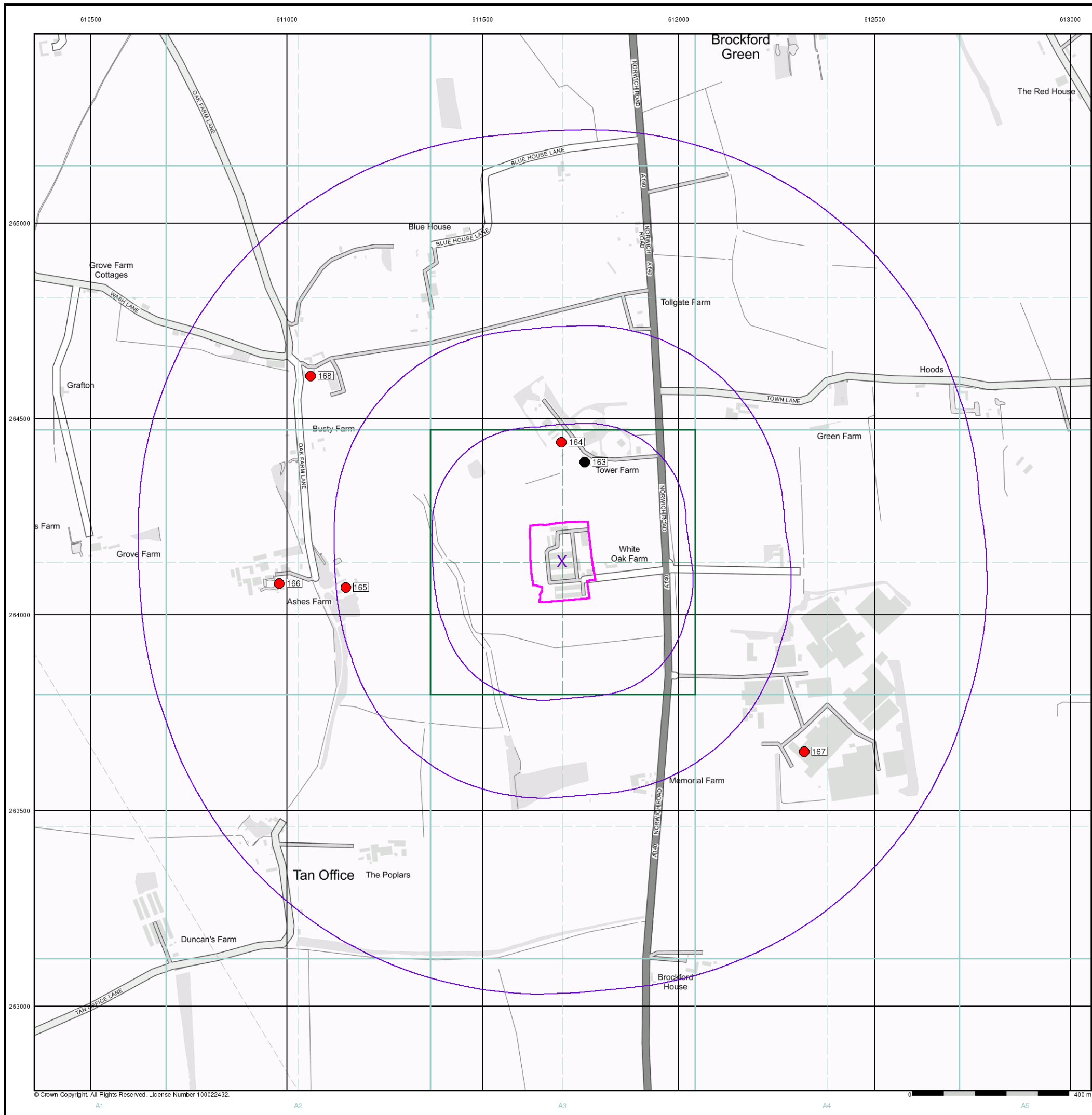


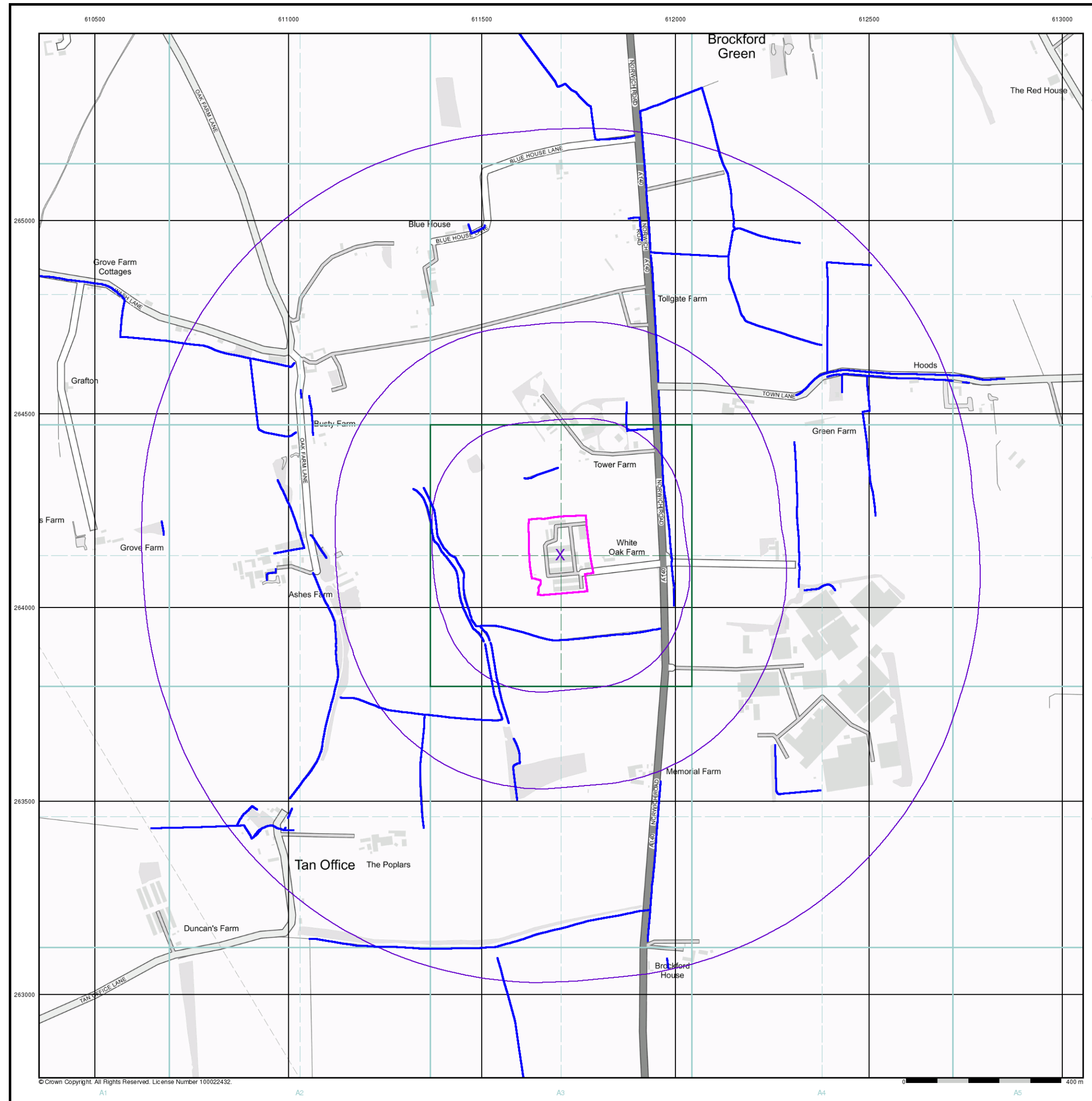
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 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE





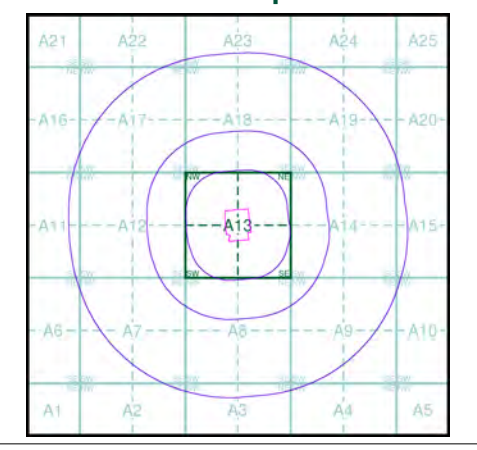
### General

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

### OS Water Network Data

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

### OS Water Network Map - Slice A

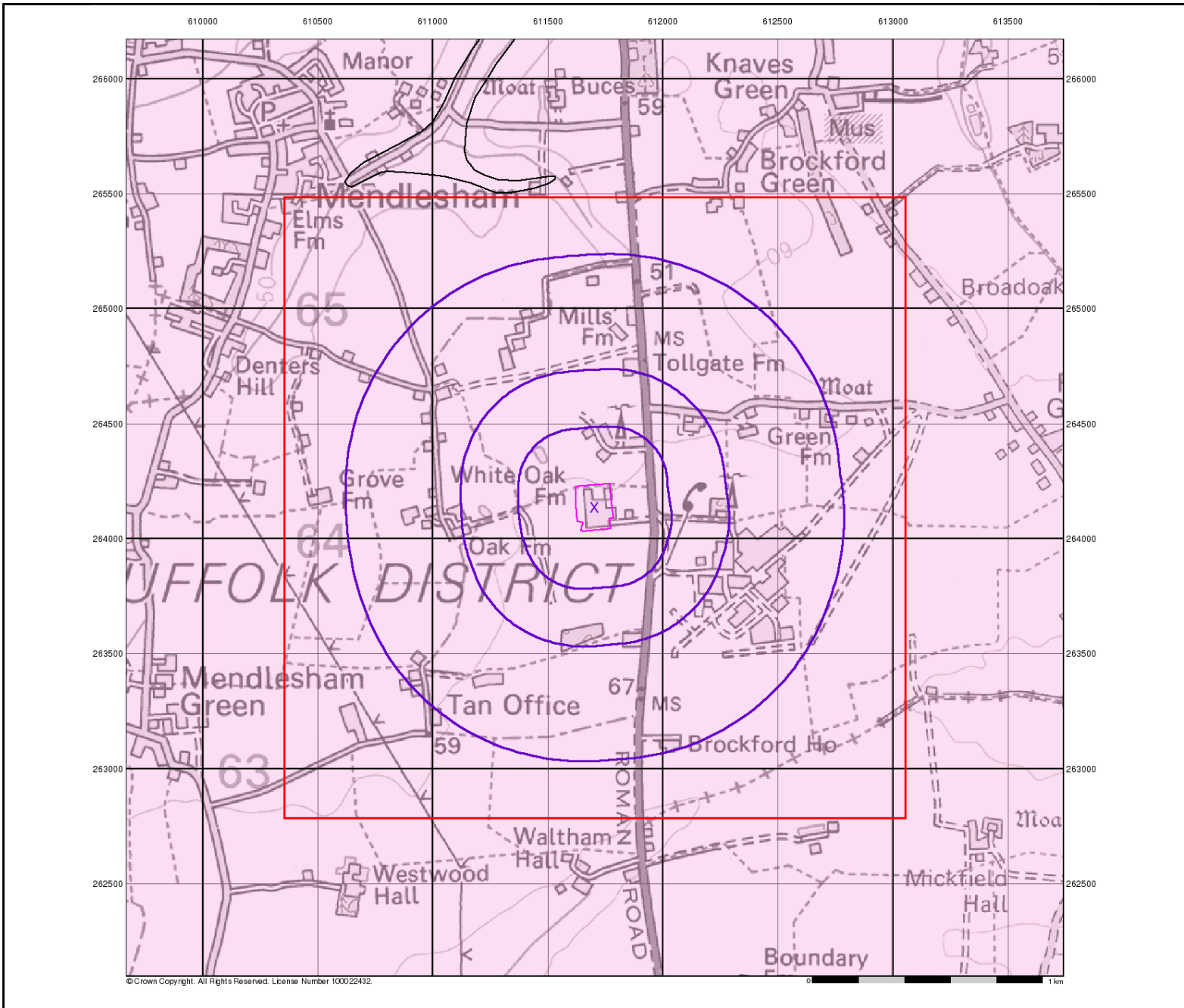


### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

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0 1 km

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## Groundwater Vulnerability

**General**

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

**Agency and Hydrological**

Bedrock Aquifers	Superficial Aquifers
<span style="color: red;">■</span> High Vulnerability, Principal Aquifer	<span style="color: orange;">■</span> High Vulnerability, Principal Aquifer
<span style="color: orange;">■</span> High Vulnerability, Secondary Aquifer	<span style="color: yellow;">■</span> High Vulnerability, Secondary Aquifer
<span style="color: purple;">■</span> Medium Vulnerability, Principal Aquifer	<span style="color: magenta;">■</span> Medium Vulnerability, Principal Aquifer
<span style="color: lightpurple;">■</span> Medium Vulnerability, Secondary Aquifer	<span style="color: pink;">■</span> Medium Vulnerability, Secondary Aquifer
<span style="color: blue;">■</span> Low Vulnerability, Principal Aquifer	<span style="color: teal;">■</span> Low Vulnerability, Principal Aquifer
<span style="color: lightblue;">■</span> Low Vulnerability, Secondary Aquifer	<span style="color: cyan;">■</span> Low Vulnerability, Secondary Aquifer

■ Unproductive Aquifer  
⋯ Soluble Rock

---

### Site Sensitivity Context Map - Slice A

---

**Order Details**

Order Number:	321600706_1_1
Customer Ref:	104788
National Grid Reference:	611700, 264140
Slice:	A
Site Area (Ha):	2.91
Search Buffer (m):	1000

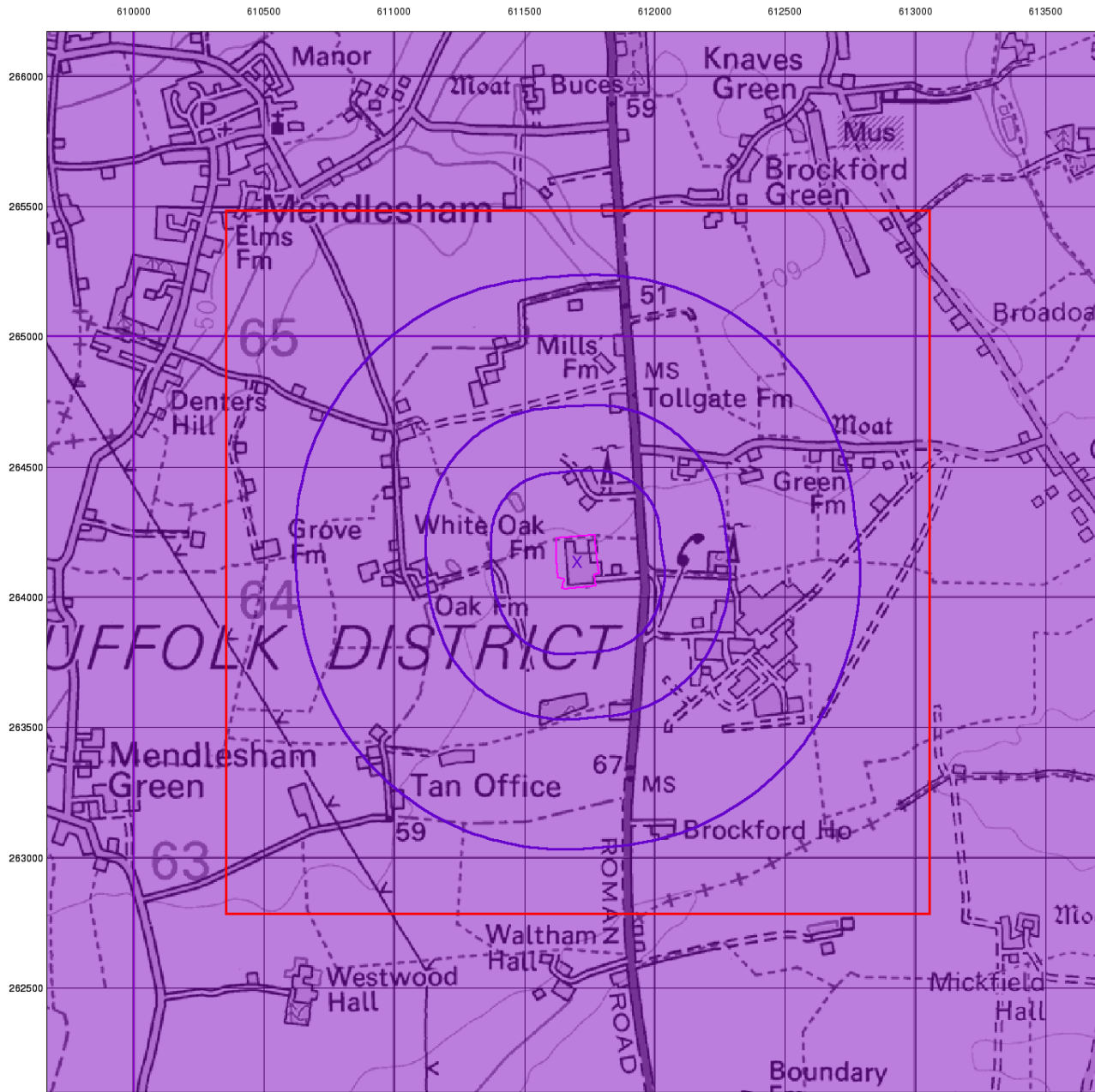
**Site Details**  
 Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

---

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A Landmark Information Group Service v15.0 23-Oct-2023 Page 1 of 6



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## Bedrock Aquifer Designation

### General

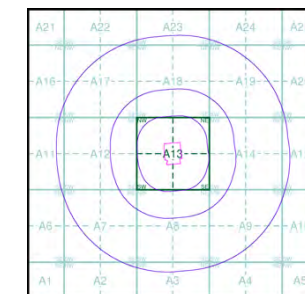
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

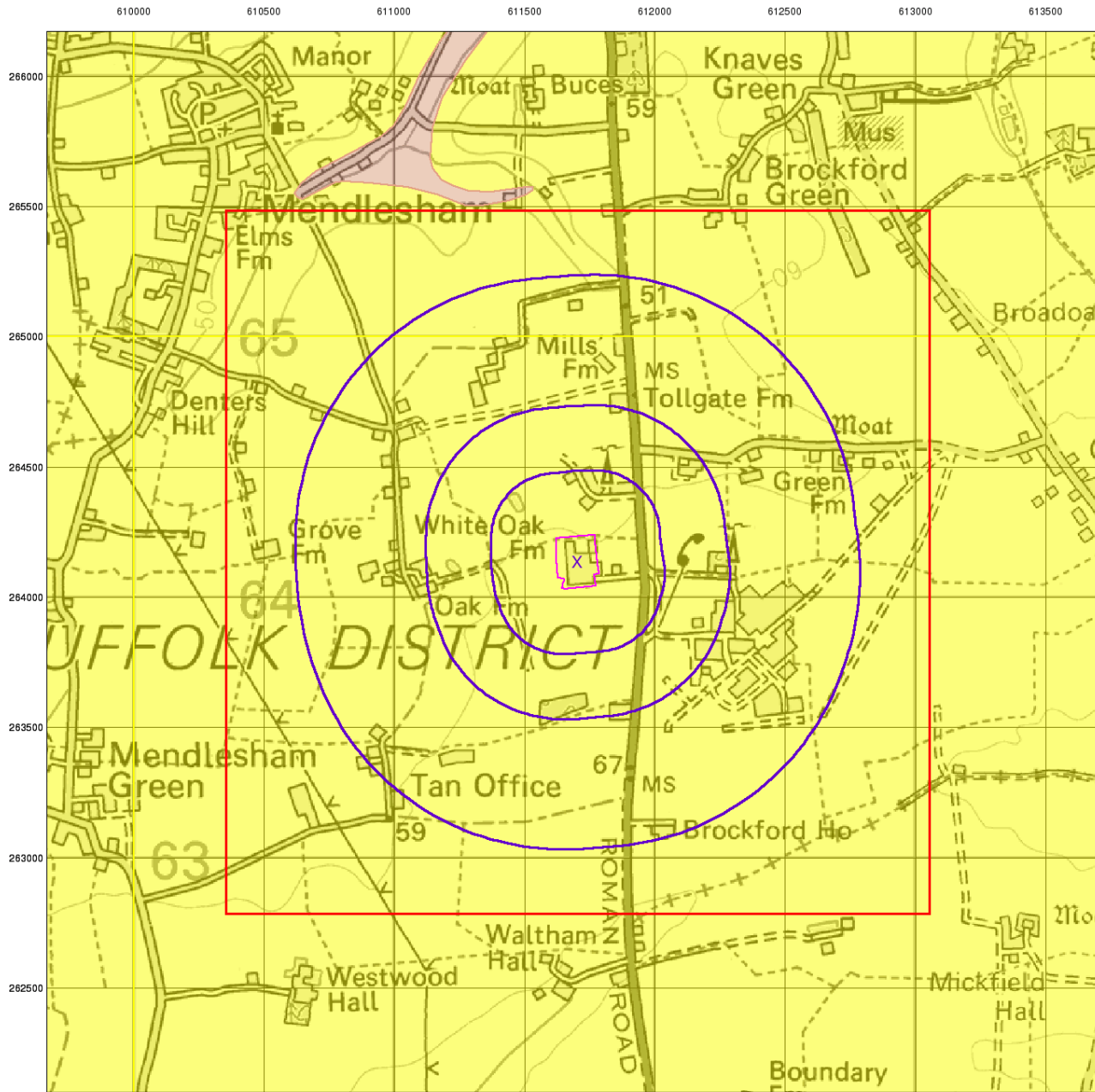
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 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

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## Superficial Aquifer Designation

### General

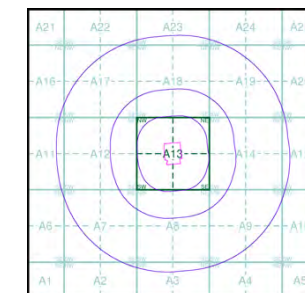
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

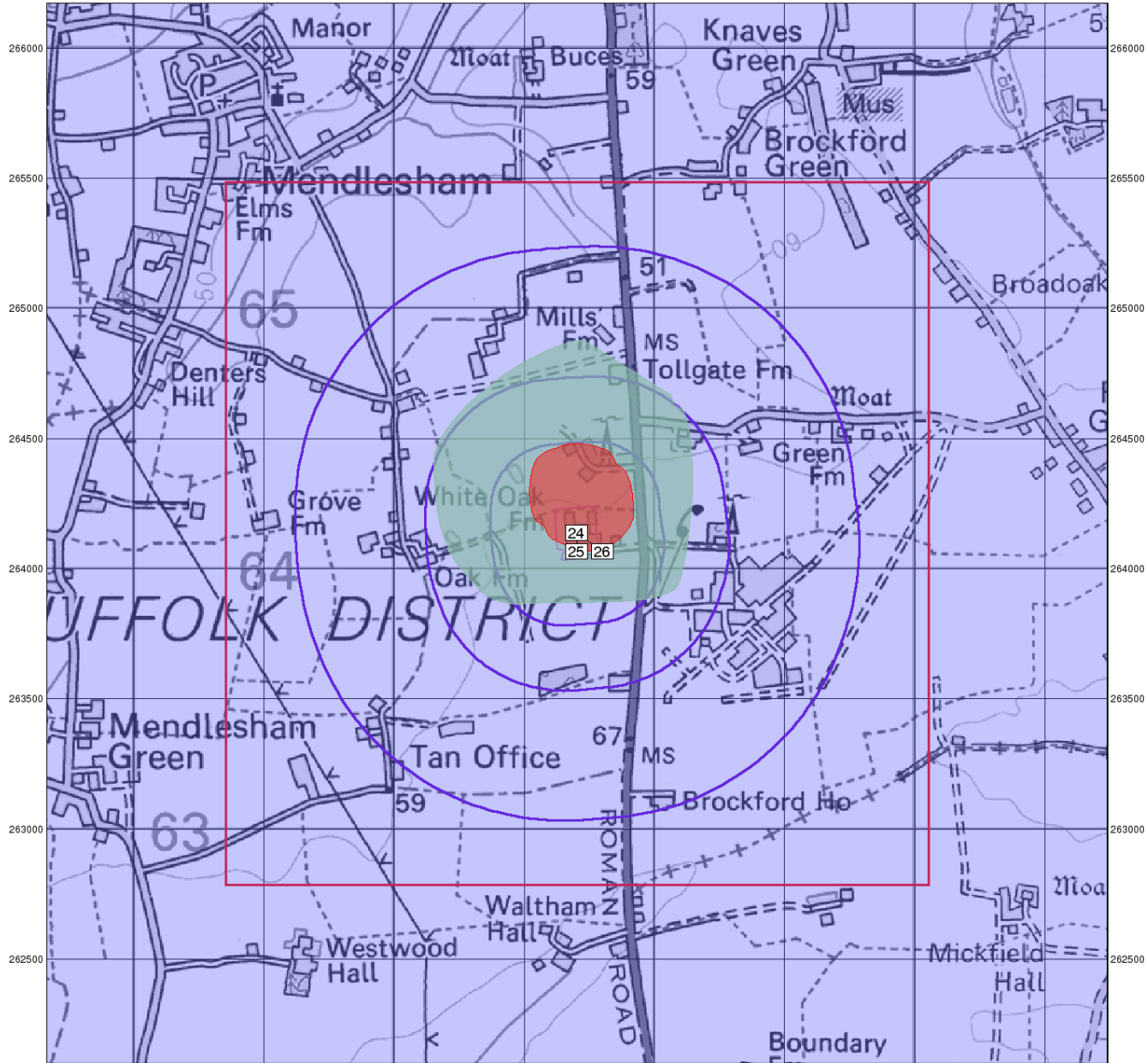
Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

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## Source Protection Zones

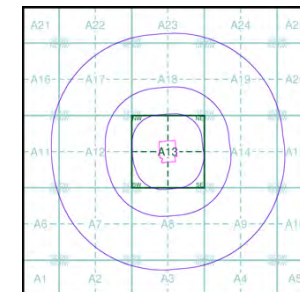
### General

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

### Agency and Hydrological

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

## Site Sensitivity Context Map - Slice A



### Order Details

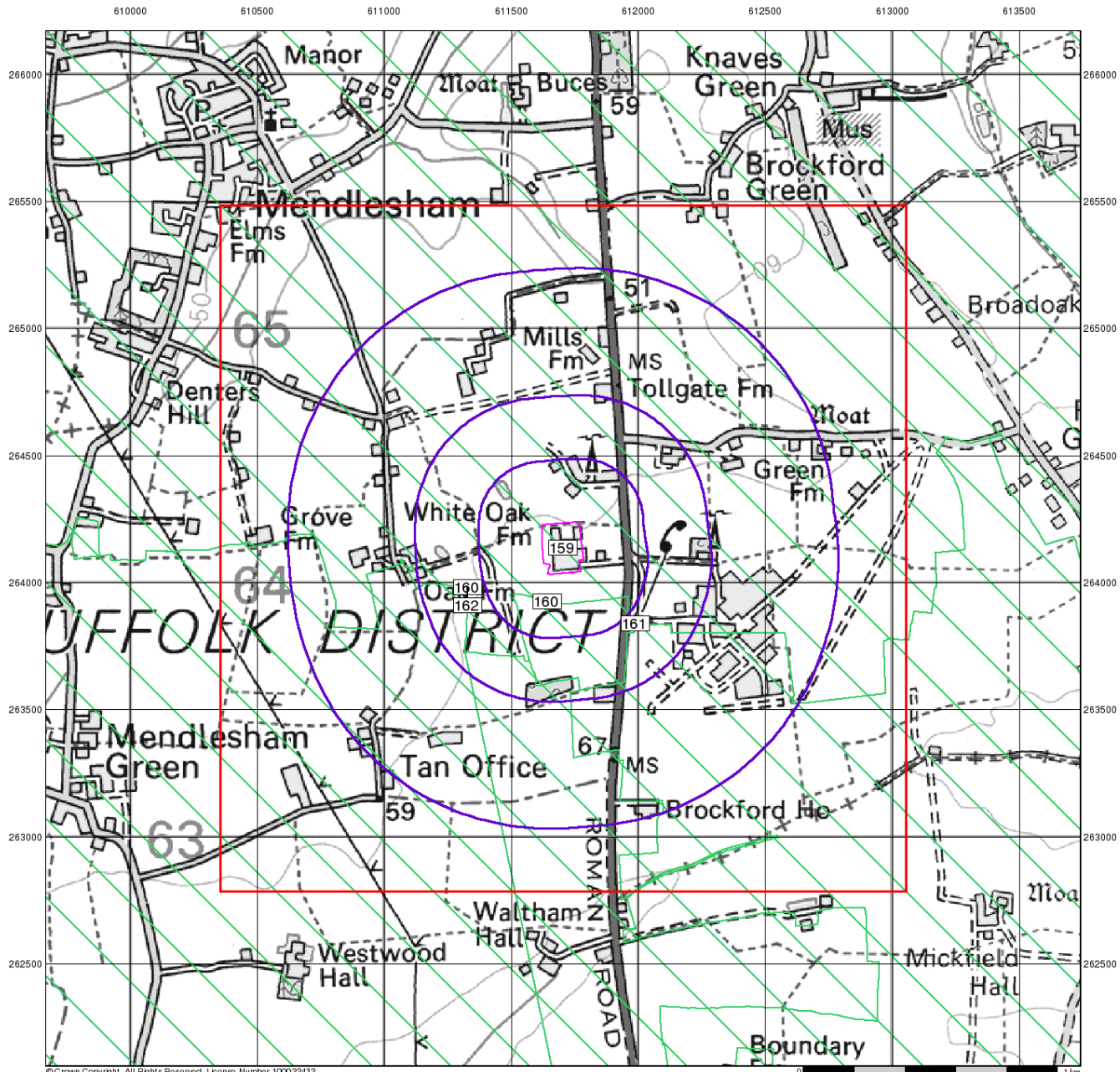
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 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

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## Sensitive Land Uses

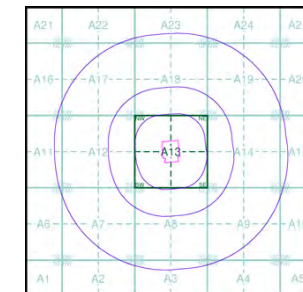
### General

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

### Sensitive Land Uses

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

### Site Sensitivity Context Map - Slice A



### Order Details

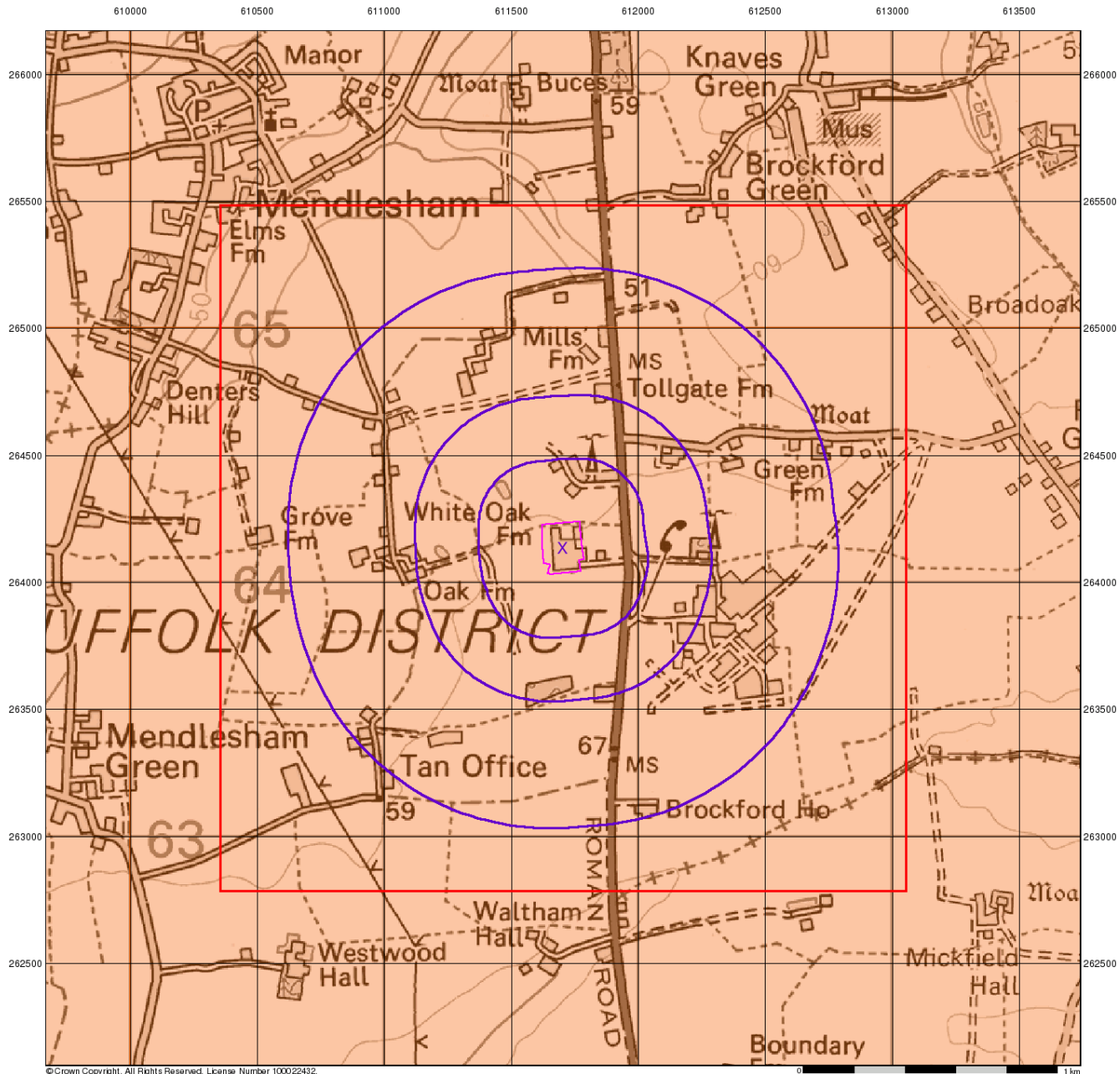
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 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

### Site Details

Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

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## BGS Flood GFS Data

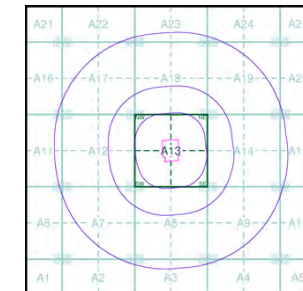
### General

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

### Agency and Hydrological (Flood)

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

## Site Sensitivity Context Map - Slice A



## Order Details

Order Number: 321600706\_1\_1  
 Customer Ref: 104788  
 National Grid Reference: 611700, 264140  
 Slice: A  
 Site Area (Ha): 2.91  
 Search Buffer (m): 1000

## Site Details

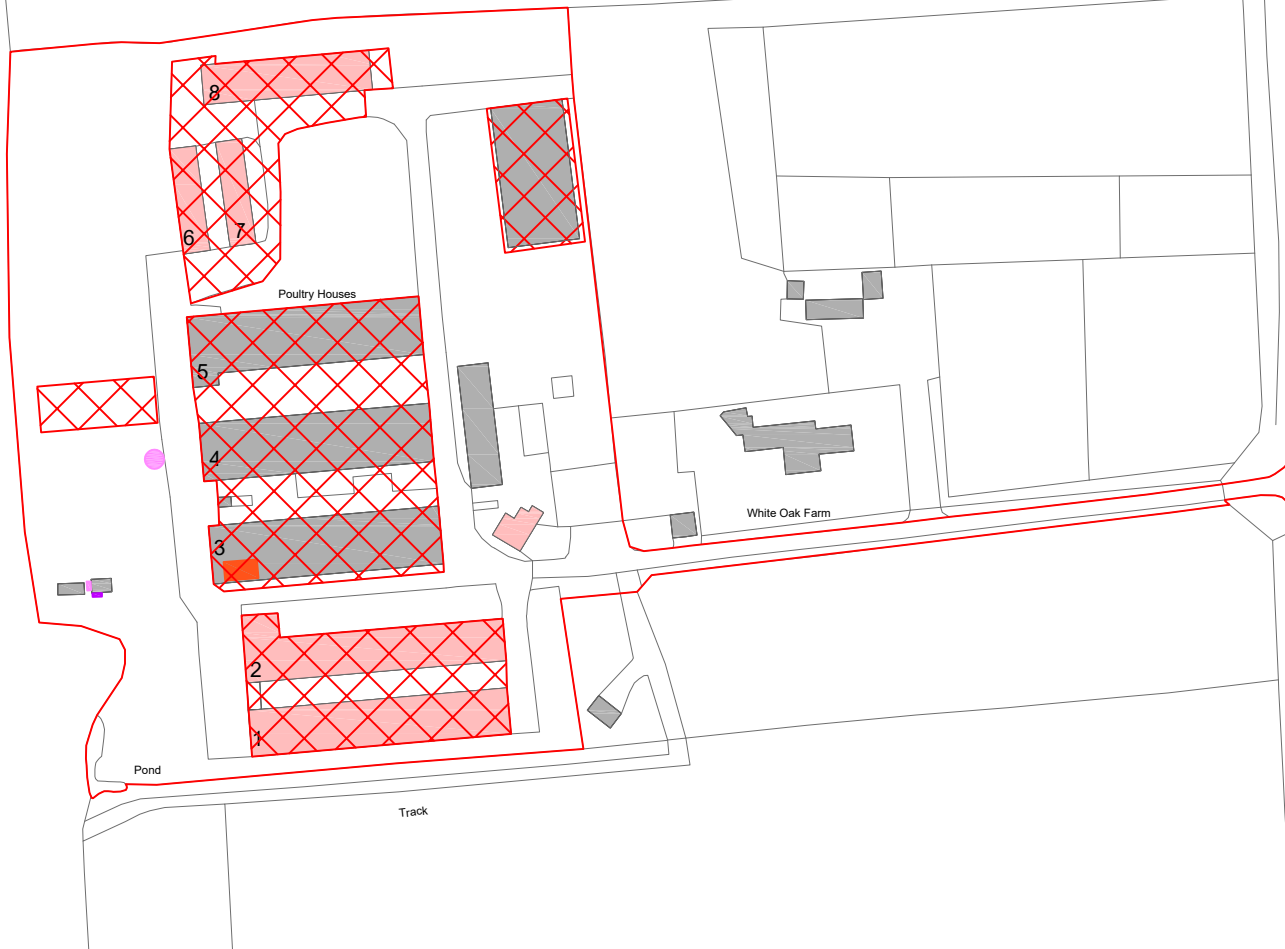
Cherrygate Farm, Norwich Road, MENDLESHAM, IP14 5NE

**Landmark**<sup>®</sup>  
 INFORMATION GROUP

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

# Appendix E

- Chemical storage
- Redundant steel above ground diesel tank
- Bunded above ground diesel tanks
- Made Ground and historical poultry farming
- Asbestos containing materials



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**Tom McCabe**  
 Executive Director of  
 Community and Environmental Services  
 Norfolk County Council  
 County Hall, Martineau Lane  
 Norwich NR1 2SG

DRAWING TITLE  
 Potential Contaminaton Sources Plan

REV.	DESCRIPTION	DRAWN BY	CHECKED	DATE

	INITIALS	DATE	DRAWING No.
SURVEYED BY			104788 - 003
DESIGNED BY			PROJECT TITLE
DRAWN BY	SPB	11/23	Mendlesham : Cherrygate Farm
CHECKED BY	IDB	11/23	SCALE 1:2000@ A4
			FILE No. 104788



- Chemical storage
- Redundant steel above ground diesel tank
- Banded above ground diesel tanks
- Made Ground and historical poultry farming
- Asbestos containing materials

Former RAF Mendlesham shown on  
Envirocheck as potentially contaminative

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Survey 100019340



**Tom McCabe**  
Executive Director of  
Community and Environmental Services  
Norfolk County Council  
County Hall, Martineau Lane  
Norwich NR1 2SG

DRAWING TITLE  
Potential Contaminaton Sources Plan

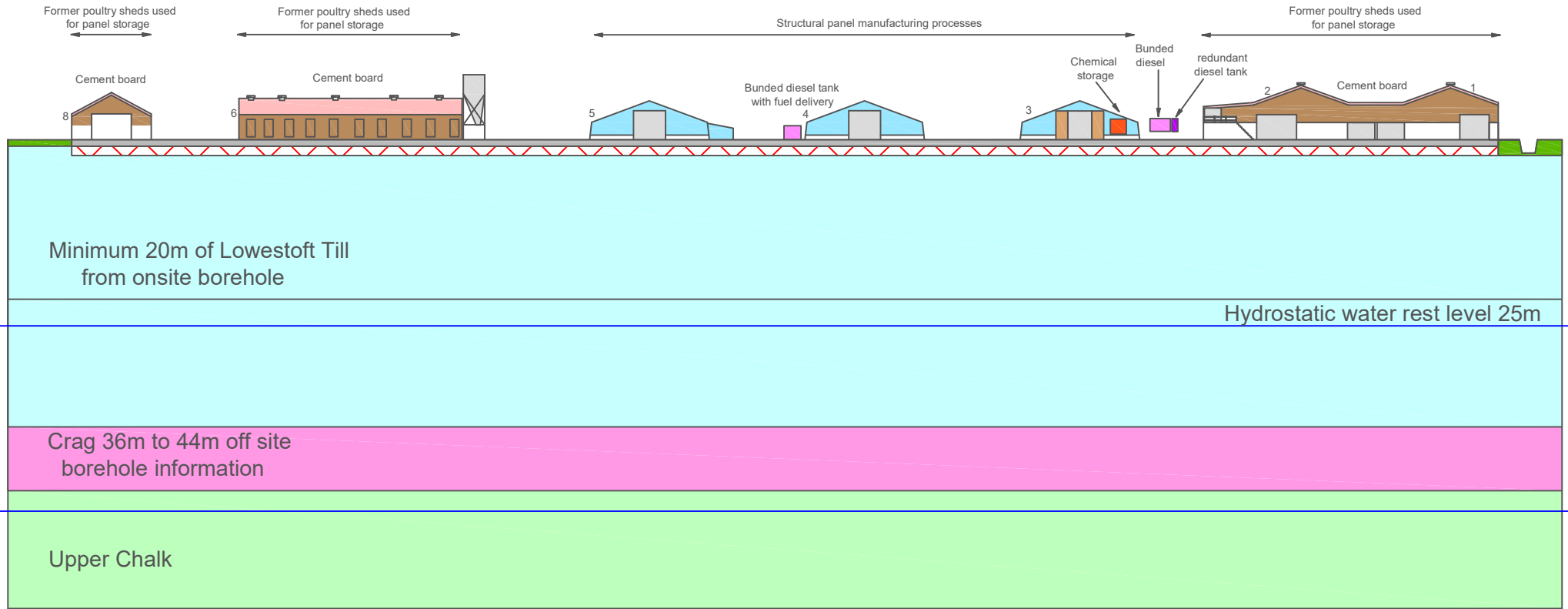
REV.	DESCRIPTION	DRAWN BY	CHECKED	DATE

	INITIALS	DATE	DRAWING No.
SURVEYED BY			104788 - 003b
DESIGNED BY			PROJECT TITLE Mendlesham : Cherrygate Farm
DRAWN BY	SPB	11/23	SCALE 1:5000@ A4
CHECKED BY	IDB	11/23	FILE No. 104788

# Appendix F

NORTH

SOUTH



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**Tom McCabe**  
 Executive Director of  
 Community and Environmental Services  
 Norfolk County Council  
 County Hall, Martineau Lane  
 Norwich NR1 2SG

DRAWING TITLE  
 Conceptual Site Model

REV.	DESCRIPTION	DRAWN BY	CHECKED	DATE

	INITIALS	DATE	DRAWING No.
SURVEYED BY			104788 - 004
DESIGNED BY			PROJECT TITLE Mendlesham : Cherrygate Farm
DRAWN BY	SPB	11/23	SCALE No scale
CHECKED BY	IDB	11/23	FILE No. 104788



WEST

EAST

← Approximate location of fabrication building →

← Structural panel manufacturing processes →

← Hay barn storing timber off cuts →

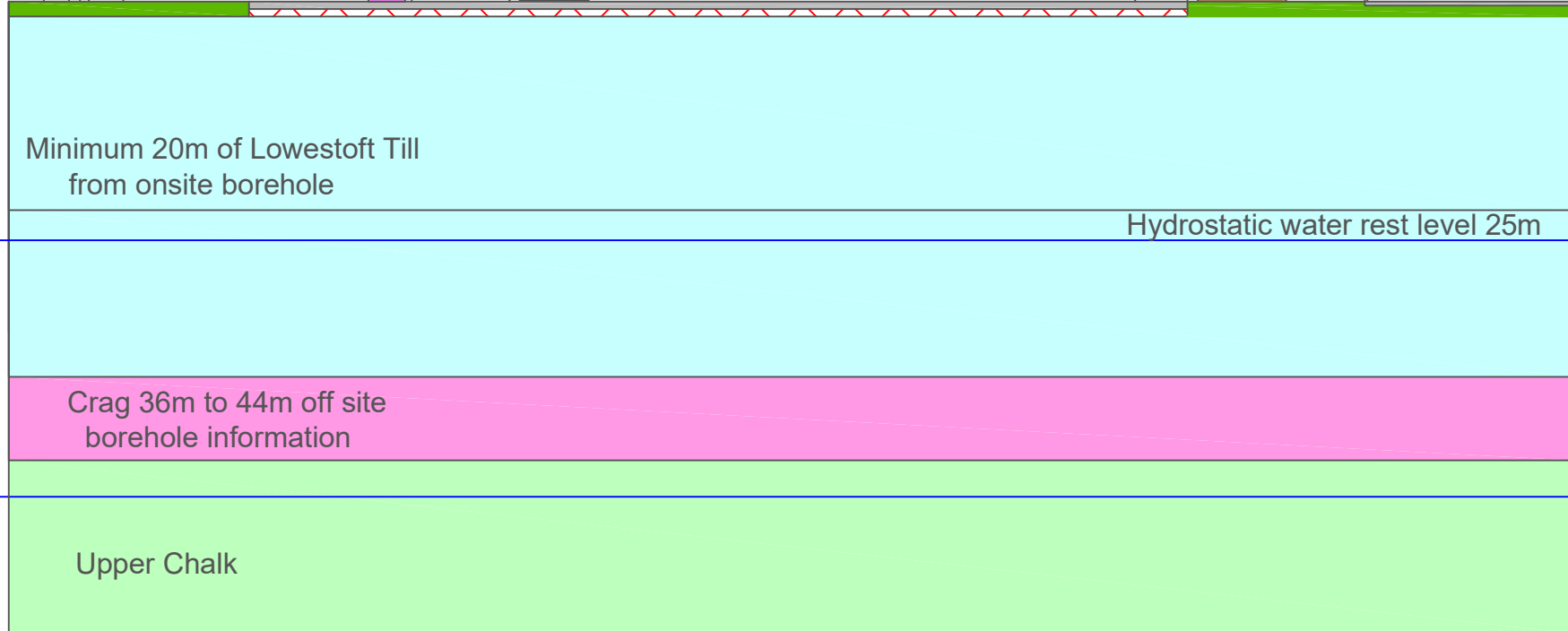
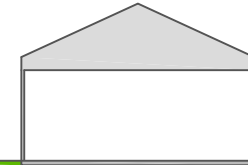
Bunded diesel

redundant diesel tank

Bunded diesel tank with fuel delivery

Chemical storage

New office



Minimum 20m of Lowestoft Till from onsite borehole

Hydrostatic water rest level 25m

Crag 36m to 44m off site borehole information

Upper Chalk

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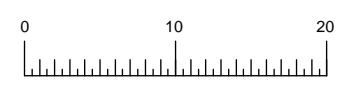
Tom McCabe  
Executive Director of  
Community and Environmental Services  
Norfolk County Council  
County Hall, Martineau Lane  
Norwich NR1 2SG

DRAWING TITLE  
Conceptual Site Model

REV.	DESCRIPTION	DRAWN BY	CHECKED	DATE

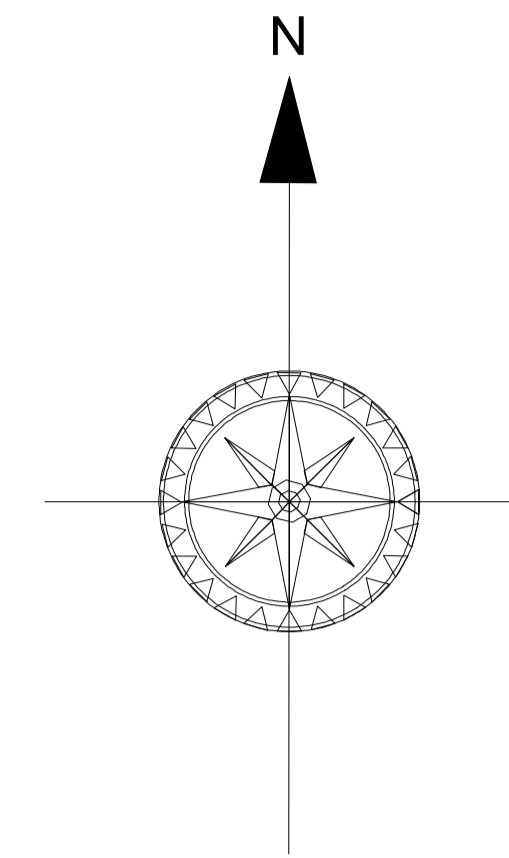
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SURVEYED BY			104788 - 004b	
DESIGNED BY			PROJECT TITLE	
			Mendlesham : Cherrygate Farm	
DRAWN BY	SPB	11/23	SCALE	
CHECKED BY	IDB	11/23	No scale	104788

# Appendix G



POULTRY HOUSES

A140 IPSWICH ROAD



WHITE OAK FARM

PROPOSED BUILDING

Proposed Site Plan 1:500 @ A1

LAYBY

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# CHERRYGATE FARM, MENDLESHAM, SUFFOLK, IP14 5NE

## PROPOSED FABRICATION BUILDING

Proposed New Building at Cherrygate Farm, off the A140 Ipswich Road, Mendlesham, Stowmarket, Suffolk, IP14 5NE.



Date: Sept. 2023 Scale: 1:500 @ A1 Dwg No. TL-4504-23-3

Proposed Site Plan