

**PHASE 1  
GEOTECHNICAL AND GEO-ENVIRONMENTAL  
SITE INVESTIGATION**

**LAND OFF YORK GARDENS, GOSBERTON, SPALDING**

**FOR**

**GLEESON DEVELOPMENTS LIMITED**



**42727-001**

**29 May 2018**

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SITE INVESTIGATION**

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**GLEESON DEVELOPMENTS LIMITED**

**ISSUE 1**

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Site Walkover Photographs

Envirocheck

BGS Borehole Logs



## **1.0 EXECUTIVE SUMMARY**

1. The approximately 3.8 hectare site is located east of York Gardens in Gosberton, approximately 9 km north of Spalding. Houses border the west and south sides of the site with open, largely undeveloped land present elsewhere.
2. The site comprises a level arable field. There is a dry drainage ditch along the northern boundary which is full of reeds. A gas governor is located in the south east corner of the site. Adjacent to this and in the north west corner there are patches of dried out mud.
3. The nearest elevation on the Envirocheck maps on Low Gate along the east side of the site indicates the ground on site is likely to be at around 3 m AOD.
4. The geological map indicates the site to be underlain by the Oxford Clay Formation. Superficial Tidal Flat Deposits named as the Terrington Beds overlie this across the whole site. These comprise younger marine alluvium, salt marsh, tidal creek and river deposits of sandy silt, sand and clay.
5. The site is not within an area considered to be at risk from historical coal mining.
6. No radon precautions are required. If peat is encountered in the superficial deposits, although a significant amount of ground gas is unlikely to be being produced, gas monitoring may be required to confirm this. At this stage it would be prudent to allow for gas protection measures.
7. Topsoil is expected across the entire site. Made ground comprising reworked natural material may be found in a localised area along the former drainage ditch through the centre of the site. Underlying these, superficial deposits comprising soft to very soft sandy, silty or peaty clay and thin peat bands are expected to around 11 m underlain by firm to stiff gravelly clay before very stiff grey silty Oxford Clay is encountered at around 21 m. Shallow groundwater may also be present.
8. The most appropriate foundation is likely to be piles.
9. Precautions against soil heave are likely to be required due to the influence of past or present trees.
10. Due to the soft clay and peat, the ground is expected to be prone to settlement. Differential settlement will need to be considered with appropriate measures such as flexible service joints and thickened capping beneath macadam or concrete being allowed for, as well extra brick facings for houses and detached garages.

11. Soakaways are not expected to be a viable form of surface water drainage.
12. The topsoil on site is expected to be considered suitable for re-use subject to regulatory approval. Laboratory testing of soil samples will be required to confirm this.
13. Significantly high levels of contamination are not generally expected to be encountered within the soils on the site.
14. Higher sulphate precautions may be required in the natural ground if peat is encountered.
15. Before more definite information regarding the properties of the ground and any contamination present can be given, an intrusive ground investigation will be required.
16. The conclusions made in this report in relation to contamination are subject to agreement by the approving bodies and your warranty provider.

## **2.0 INTRODUCTION**

### **2.1 Terms of Reference**

This report presents the findings of a Phase 1 Geotechnical and Geo-environmental Site Investigation carried out by Eastwood & Partners (Consulting Engineers) Limited for, and on the instructions of Gleeson Developments Limited. Any other parties using the information in this report do so at their own risk and any duty of care is excluded.

### **2.2 Context**

Eastwood & Partners are not aware of any previous investigations having been undertaken on the site.

### **2.3 Aims and Objectives**

The aims and objectives of this investigation were as follows:

- To assimilate and review information extracted from published documentation and a site walkover to derive an outline conceptual model identifying potential contaminants, pathways and receptors, as well as possible linkages between these;
- To detail the expected ground conditions and their geotechnical properties enabling outline foundation proposals to be made for the proposed residential development; and
- To outline proposals for a Phase 2 intrusive investigation, the purpose of which would be to obtain information to test the conceptual model and assess the risks to receptors as well as to confirm the foundation proposals.

### **2.4 Scope of Investigation**

This document constitutes the findings of the Phase 1 investigation. This involved a review of information extracted from published documentation. Information regarding the current and former land uses both on and surrounding the site, as well as the environmental sensitivity of the location as determined by factors including geology, hydrogeology and hydrology have been examined.

Information analysed has been obtained from a variety of sources and included the following:

- A Landmark Envirocheck;
- Geological maps and memoirs; and
- A site walkover.

## **2.5 Limitations of Investigation**

This report is based on the assumption that the site will be developed with low-rise housing of conventional construction, with private gardens and areas of public open space. It is assumed that existing ground levels will not alter significantly. If this is not the case, then the advice given in this report may not be appropriate.

Where assessments of site areas affected in particular ways are given, these are approximate. All information, comments and opinions given in this report are based on the documentary information examined. This report considers the ground and groundwater and does not cover any buildings or their fabric or the constituents of any existing hardstanding. Risks to ecological receptors, such as bats, have not been considered.

### **3.0 THE SITE**

#### **3.1 Description**

The approximately 3.8 hectare site is located east of York Gardens in Gosberton, approximately 9 km north of Spalding and is centred around grid reference 523980, 331950.

The site comprises a level arable field. York Gardens is present at the south west corner of the site and Low Gate borders the east side. Fields are present to the north and beyond the road to the east. Gosberton Medical Practice is present to the south east of the site and houses and gardens border the western and southern boundaries. There are a few trees within the gardens along the southern boundaries and one at the northern end of the western boundary in a garden.

There is a drainage ditch along the northern boundary but no evidence of one that used to cross the centre of the site from north to south. The ditch along the boundary is full of reeds and no water was observed in it. There is a gas governor in the south east corner of the site. Adjacent to this and in the north west corner there are patches of dried out mud.

The nearest elevation shown on the Envirocheck maps on Low Gate along the east side of the site indicates the ground level is around 3 m AOD.

Photographs from the walkover are included in the Appendix.

#### **3.2 History**

Historical Ordnance Survey maps have been reviewed in the Envirocheck to assess the previous use of the site and surrounding area. These can be found in the Appendix.

##### **3.2.1 The Site**

The earliest historical map, dated 1887/8, shows the site comprises three fields with a drain crossing roughly the centre of the site from north to south and another along the northern boundary. Trees are also shown along some of the field boundaries.

The site remains the same until around 1931 to 1932 when a building is shown at the centre of the southern boundary adjacent to the drainage ditch. No further changes occur until circa 1972 when the building is no longer shown and the site occupies two fields separated by the drain running north to south.

The 1995 map shows a gas governor in the south east corner of the site. The aerial photograph from 1999 then shows the drainage ditch is no longer present on the site. The site then remains the same to the present day.

### **3.2.2 The Surrounding Area**

The earliest map, dated 1887/8, indicates the majority of the surrounding area to the north east and south east of the site comprises fields. Numerous drains are shown crossing fields and along field boundaries. Several small buildings are located adjacent to the centre of the southern boundary and Low Gate (lane) is present along the east side of the site, crossing the area from south west to north east. The village of Gosberton is present around 40 m south west of the site and a gas works and gasometer are shown around 150 m west of the site. Two ponds are also shown on the map. One is around 10 m south east of the site and the other is around 100 m south of the site. Further afield, Gosberton brick and tile works is shown around 550 m to the east. It is not shown on the maps after 1906 but the area becomes labelled as Gosberton pits around 1977.

By 1931 to 1932 the gas works and gasometer are not shown on the historical maps. The pond to the south east of the site has reduced in size and the one to the south has also been split into two smaller ones. The 1973 map shows Gosberton has begun to expand and houses are now shown bordering the southern side of the site, along Low Gate. A large greenhouse is also present around 125 m west of the site and a tank is identified next to it. The pond to the south east of the site has been removed and the larger of the two ponds to the south is labelled as Lowgate Pit pond. The site becomes completely bordered by housing to the west by 1983 and an electricity substation is also constructed at this time around 50 m north west of the site. Further residential development, covering the area of the former greenhouse is shown by 2000. No other significant changes are noted on any of the historical maps.

### **3.3 Geology**

The geological map sheet 144 (1:50,000), shows the site overlies the Oxford Clay Formation.

Superficial Tidal Flat Deposits named as the Terrington Beds are present across the whole site. These comprise younger marine alluvium, salt marsh, tidal creek and river deposits of sandy silt, sand and clay.

No faults or other lines of weakness are indicated to cross the site at surface.

A British Geological Survey (BGS) borehole log (reference TF23SW12) is available for a hole completed around 700 m south east of the site. It extends to 117.6 m depth. The log indicates Fen Clay is present from 5 m to 11.5 m depth. It is assumed that the ground above this comprises superficial deposits but no record of the shallower deposits is shown on the log. Glacial Till and Gravel are shown below the Fen clay to 23 m where Oxford Clay is then identified.

A second BGS borehole log (reference TF23SW2) is available for a borehole completed approximately 700 m east of the site. This indicates soft to very soft sandy, silty or peaty clay,



interspersed with thin (250 mm to 300 mm) bands of peat to a depth of 9.75 m. Below this firm becoming stiff chalky Boulder Clay is indicated to a depth of 20.9 m. Oxford Clay, described as very stiff fissured grey silty clay is then encountered to the base of the hole at 24.55 m bgl.

### **3.4 Hydrogeology**

According to the Envirocheck, the underlying bedrock and superficial deposits are classified as Unproductive Strata. These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

The site is not within a Groundwater Source Protection Zone and there are no water abstractions within 250 m of the site.

### **3.5 Hydrology**

According to the Envirocheck, the nearest surface water feature is the drain on the site. There are also numerous surface water features including drains and ponds in the surrounding area.

### **3.6 Coal Mining**

There are no named coal seams outcropping on or close to the site. The vertical section on the geological map also does not show any coal seams at shallow depth below the site. The site is also not in any area where a Coal Authority Consultants Mining Report is required. Shallow mining is therefore not expected to affect the site and should pose no significant risk to the proposed development.

### **3.7 Ground Gas**

The site is in a lower probability radon area according to the Envirocheck. No radon protective measures are therefore necessary.

No made ground is expected to be present on the site and there are no landfills within 250 m of the site. The Envirocheck notes one area of potentially infilled land related to a water feature 147 m north west of the site. This appears to relate to a drain infilled by around 1956. After over fifty years since the feature was shown, this possible infilled area is considered unlikely pose a significant gas risk. It is also noted the former drain crossing the site is likely to have been backfilled with natural material. This is not anticipated to have been deep and thus the potential for ground gas generation is considered to be negligible.

If peat is encountered in the superficial deposits, although a significant amount of ground gas is unlikely to be being produced, gas monitoring may be required to confirm this. The presence of

shallow groundwater would also mean that ground gas would not be expected to pose a significant risk.

### 3.8 Pollution Incidents to Controlled Waters

The Envirocheck records no pollution incidents to controlled waters within 250 m of the site.

### 3.9 Discharge Consents

According to the Envirocheck, there is one active discharge consent within 250 m of the site. It is located 80 m east of the site and is associated with a domestic property releasing final sewage/treat effluent into a freshwater stream which is a tributary of the River Wed.

### 3.10 Flooding

The Envirocheck records the site lies within a Zone 3 floodplain area relating to areas at risk from flooding from rivers or sea without sea defences. Several small areas, including along the former drain through the centre of the site are also shown to be at low to high risk of flooding from surface water.

### 3.11 Soil Geochemistry

The Envirocheck estimates the following concentrations of arsenic, cadmium, chromium, nickel and lead to be present in the natural soil at the site:

| Contaminant | Estimated Concentration (mg/kg) | Assessment Value (mg/kg) |
|-------------|---------------------------------|--------------------------|
| Arsenic     | <15                             | 37                       |
| Cadmium     | <1.8                            | 11                       |
| Chromium    | 60 to 90                        | 910                      |
| Lead        | <100                            | 200                      |
| Nickel      | 15 to 30                        | 180                      |

The concentrations of these contaminants are therefore not expected to be elevated within the natural ground.

## **4.0 EXPECTED GROUND CONDITIONS**

### **4.1 Surface Covering**

Topsoil is expected across the whole site.

### **4.2 Made Ground**

Made ground is not anticipated to be present on the site except for possibly backfilled natural material along the line of the former drainage ditch crossing the centre of the site.

### **4.3 Natural Ground**

Beneath the surface cover, the natural ground is expected to consist of soft to very soft sandy, silty or peaty clay interspersed with thin peat bands to a depth of around 11 m bgl. Underlying this firm becoming stiff gravelly clay is expected before reaching the very stiff grey clay of the Oxford Clay Formation at around 21 m bgl.

### **4.4 Groundwater**

Groundwater may be present at shallow depth below the site due to the presence of the drains on and around the site.

## **5.0 OUTLINE CONCEPTUAL MODEL**

The site is being considered for low-rise housing of conventional construction with private gardens.

### **5.1 Potential Sources of Contamination**

Historically, the site has been agricultural land. A drainage ditch crossed the site until 1999. In the surrounding area housing has been present to the west and south of the site since at least 1973 with the remaining surrounding area generally comprising open undeveloped land.

A gas works was located 150 m west of the site until around 1931 and an electricity sub-station was constructed around 50 m west of the site in around 1983. These are not considered likely to have caused any significant contamination at the site.

Made ground comprising reworked natural ground may be encountered within the former drainage channel and therefore is unlikely to contain significant contaminants.

The topsoil is expected to be suitable for reuse on site. The topsoil should be tested for pesticides, together with the standard suite of contaminants to assess risks to human and plant health but these would not be expected to present a significant risk.

There is no reason to expect that elevated concentrations of contaminants will be recorded in the underlying natural ground.

Any peat deposits may have low pH and high sulphate levels.

### **5.2 Ground Gas**

No radon precautions are required.

Only reworked natural ground is expected in a localised area through the centre of the site and there are no landfills within 250 m. Only one potential area of infilled land has been identified and is considered unlikely pose a significant gas risk.

If peat is encountered in the superficial deposits, although a significant amount of ground gas is unlikely to be being produced, gas monitoring may be required to confirm this. The presence of shallow groundwater would also mean that ground gas would not be expected to pose a significant risk.

At this stage it would be prudent to allow for gas protection measures.

### 5.3 Potential Pollutant Linkages

The table below details the possible sources and associated contaminants of concern, pathways and receptors:

| Source                                  | Potential Contaminants                                                                                   | Potential Pathways                                          | Potential Receptors                                                                                                             |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Topsoil and any made ground encountered | Heavy metals/metalloids<br>PAHs<br>Asbestos<br>Pesticides (topsoil only)<br>Sulphates (made ground only) | Ingestion, inhalation, direct contact<br><br>Direct contact | Future residents and visitors to the site<br>Site construction workers<br>Plants<br>Below ground concrete<br>Water supply pipes |
| Peat                                    | Ground gas                                                                                               | Migration                                                   | Future residents and visitors to the site<br>Site construction workers<br>Buildings                                             |
|                                         | Low pH<br>Sulphates                                                                                      | Direct contact                                              | Below ground concrete                                                                                                           |

### 5.4 Remedial Measures

Significantly high levels of contamination are not generally expected to be encountered within the soils on the site. It is therefore considered unlikely at this stage that any remediation will be required on site.

Made ground comprising reworked natural material may be found in a localised area along the former drainage ditch through the centre of the site. If made ground is to remain below gardens or landscaped areas, a 600 mm clean capping (including 100 mm of topsoil) is recommended be allowed, as well as DS-2 AC-2 sulphate precautions in below ground concrete and protective water supply pipes where made ground is present.

Amber 1 ground gas precautions, comprising a precast concrete floor with a void beneath, and fully lapped and sealed gas membrane system, are proposed at this stage.

Higher sulphate precautions may be required in the natural ground if peat is encountered.

## **6.0 GEOTECHNICAL APPRAISAL**

### **6.1 General**

Topsoil is expected across the entire site. Made ground comprising reworked natural material may be found in a localised area along the former drainage ditch through the centre of the site. Underlying these, superficial deposits comprising soft to very soft sandy, silty or peaty clay and thin peat bands are expected to a depth of around 11 m where firm to stiff gravelly clay is expected before the very stiff Oxford Clay is encountered at around 21 m. Shallow groundwater may also be present.

The Party Wall Act will need to be considered for structures associated with neighbouring properties along the site boundaries.

### **6.2 Foundations**

Due to the anticipated depth of soft clay and peat, the most appropriate foundation for the site is likely to be piles. Precautions against soil heave are likely to be required due to the influence of past or present trees.

Due to the soft clay and peat, the ground is expected to be prone to settlement, which may affect service entries and hardstanding areas. As all of the plots at this stage are expected to be piled, differential settlement will need to be considered with junctions detailed accordingly. Appropriate measures such as flexible service joints and thickened capping beneath macadam or concrete should be allowed for, as well extra brick facings for houses and detached garages.

### **6.3 Ground Slabs**

Due to the requirement for piles a precast concrete floor with a ventilated void will be necessary. The void height will be dependent on the volume change potential of the clay.

Amber 1 ground gas precautions, including a fully lapped and sealed gas membrane system in the floor slab, are proposed at this stage.

### **6.4 Superstructure Precautions**

Additional superstructure precautions are not expected to be required based on the anticipated ground conditions.

### **6.5 Excavation Problems**

The stability of trenches may be poor in any made ground if present, or where shallow groundwater is encountered.

Temporary support will be required in accordance with current Health & Safety Regulations wherever access is required to trenches deeper than 1.2 m or less where there is risk of collapse.

## **6.6 Obstructions**

Significant obstructions within the ground are not expected.

## **6.7 Roads**

A CBR value of at least 2% is expected to be appropriate for road design. It is recommended that CBR tests are undertaken along any proposed roads prior to construction so that accurate CBR values can be obtained. The ground should be assumed to be frost susceptible at this stage and a minimum construction thickness of 450 mm will therefore apply.

## **6.8 Surface Water Drainage**

The natural deposits on site are anticipated to predominantly comprise relatively impermeable soils, typically sandy clay and silt over mudstone. Shallow groundwater may also be encountered. Soakaways are therefore not expected to be a viable form of surface water drainage.

## **7.0 RECOMMENDATIONS FOR FURTHER WORK**

Before more definite information regarding the properties of the ground and any contamination present can be given, an intrusive ground investigation will be required. Investigation by mechanically dug trial pits would be the preferred method of investigating the soils on site, as this allows a larger volume of soil to be viewed.

A number of cable percussion boreholes will also be required to determine the ground conditions at depth and aid pile design. Gas monitoring may also be required.

The potential pollutant linkages presented in Section 5.3 will need to be investigated by means of soil analysis. The chemical testing suite should be chosen to cover the range of potential contaminants indicated. Geotechnical testing should be carried out on clay soils to determine their volume change potential.



## **APPENDIX**

Site Walkover Photographs

Envirocheck

BGS Borehole Logs



View of the site from York Gardens, looking north east

|          |     |         |     |      |          |               |               |
|----------|-----|---------|-----|------|----------|---------------|---------------|
| Prepared | ECM | Checked | RAN | Date | 23.05.18 | Photograph No | 1, 2, 3 and 4 |
|----------|-----|---------|-----|------|----------|---------------|---------------|



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LAND OFF YORK GARDENS, GOSBERTON, SPALDING

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SITE PHOTOGRAPHS



View of the dug up road in the north east corner of the site



View of the Gas Governor in the south east corner of the site

|          |     |         |     |      |          |               |         |
|----------|-----|---------|-----|------|----------|---------------|---------|
| Prepared | ECM | Checked | RAN | Date | 23.05.18 | Photograph No | 5 and 6 |
|----------|-----|---------|-----|------|----------|---------------|---------|

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SITE PHOTOGRAPHS





View of the dried out mud in the south east corner of the site

View of the dried out mud in the north west corner

|          |     |         |     |      |          |               |         |
|----------|-----|---------|-----|------|----------|---------------|---------|
| Prepared | ECM | Checked | RAN | Date | 23.05.18 | Photograph No | 7 and 8 |
|----------|-----|---------|-----|------|----------|---------------|---------|

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SITE PHOTOGRAPHS



View of the drainage ditch along the northern boundary



View of the tree adjacent to the western boundary

|          |     |         |     |      |          |               |          |
|----------|-----|---------|-----|------|----------|---------------|----------|
| Prepared | ECM | Checked | CAT | Date | 23.05.18 | Photograph No | 9 and 10 |
|----------|-----|---------|-----|------|----------|---------------|----------|

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SITE PHOTOGRAPHS





View of the site looking south east

|          |     |         |     |      |          |               |                  |
|----------|-----|---------|-----|------|----------|---------------|------------------|
| Prepared | ECM | Checked | RAN | Date | 23.05.18 | Photograph No | 11, 12,13 and 14 |
|----------|-----|---------|-----|------|----------|---------------|------------------|



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SITE PHOTOGRAPHS

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

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

## Ordnance Survey Plan 1:10,000

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

## 1:10,000 Raster Mapping

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

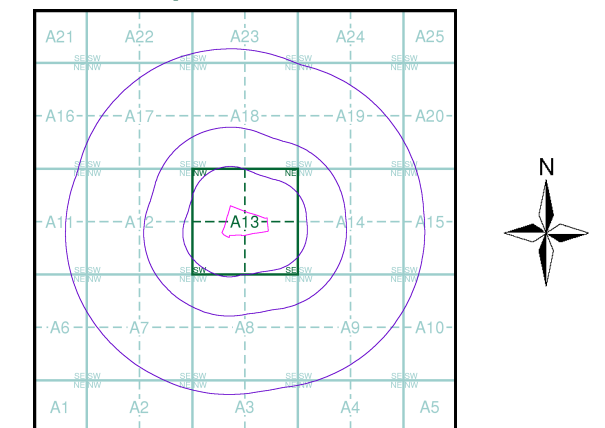
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## Historical Mapping & Photography included:

| Mapping Type         | Scale    | Date        | Pg |
|----------------------|----------|-------------|----|
| Lincolnshire         | 1:10,560 | 1887 - 1888 | 2  |
| Lincolnshire         | 1:10,560 | 1906        | 3  |
| Lincolnshire         | 1:10,560 | 1931 - 1932 | 4  |
| Lincolnshire         | 1:10,560 | 1951        | 5  |
| Ordnance Survey Plan | 1:10,000 | 1956        | 6  |
| Ordnance Survey Plan | 1:10,000 | 1977        | 7  |
| 10K Raster Mapping   | 1:10,000 | 2000        | 8  |
| 10K Raster Mapping   | 1:10,000 | 2006        | 9  |
| VectorMap Local      | 1:10,000 | 2018        | 10 |

## Historical Map - Slice A



## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

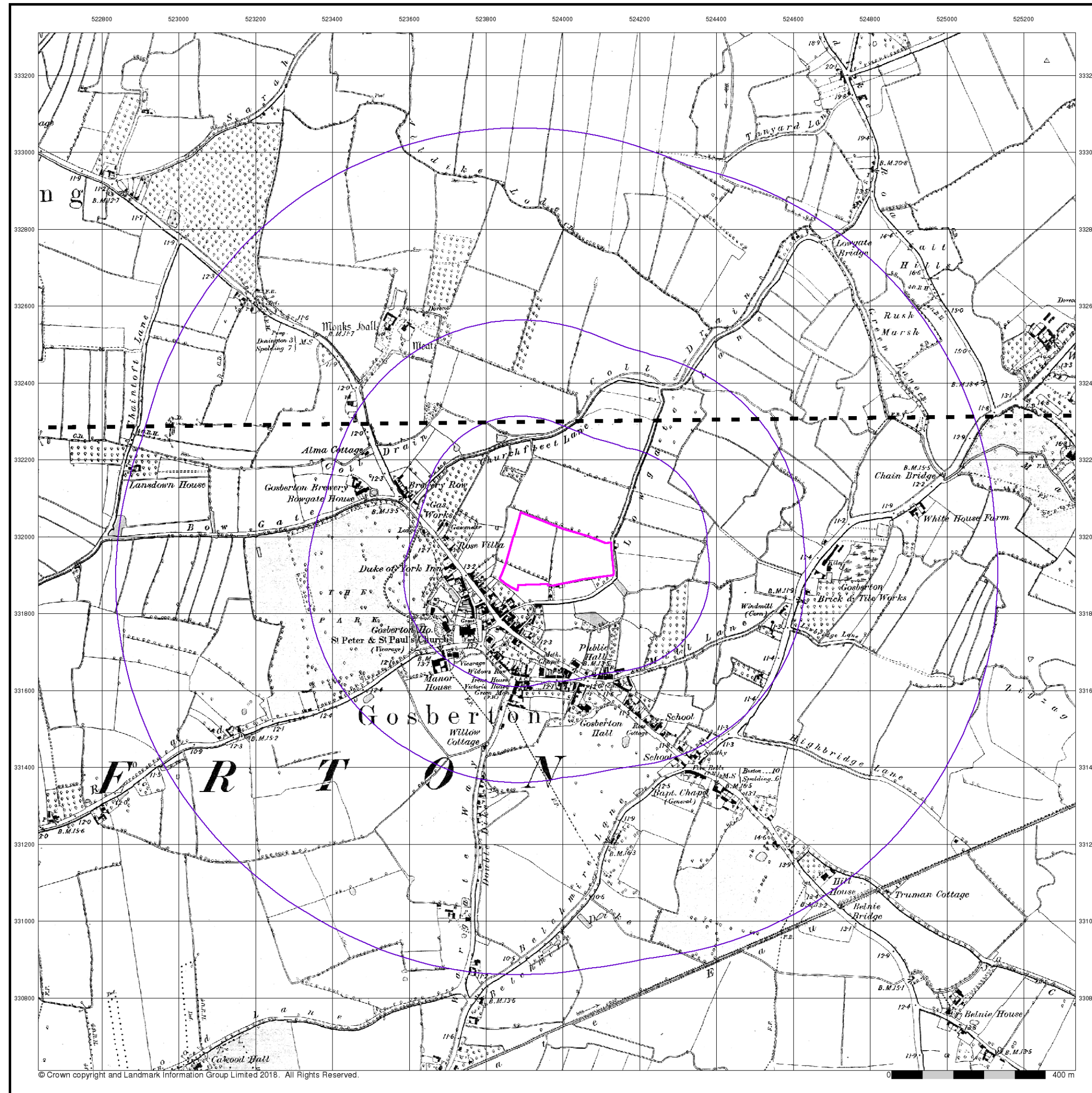
## Site Details

Site at 523970, 331970

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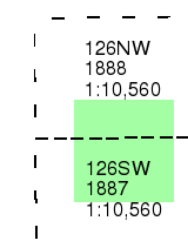
## Lincolnshire

Published 1887 - 1888

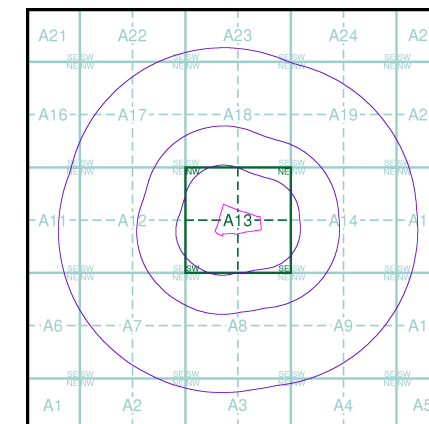
Source map scale - 1:10,560

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

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



### Historical Map - Slice A



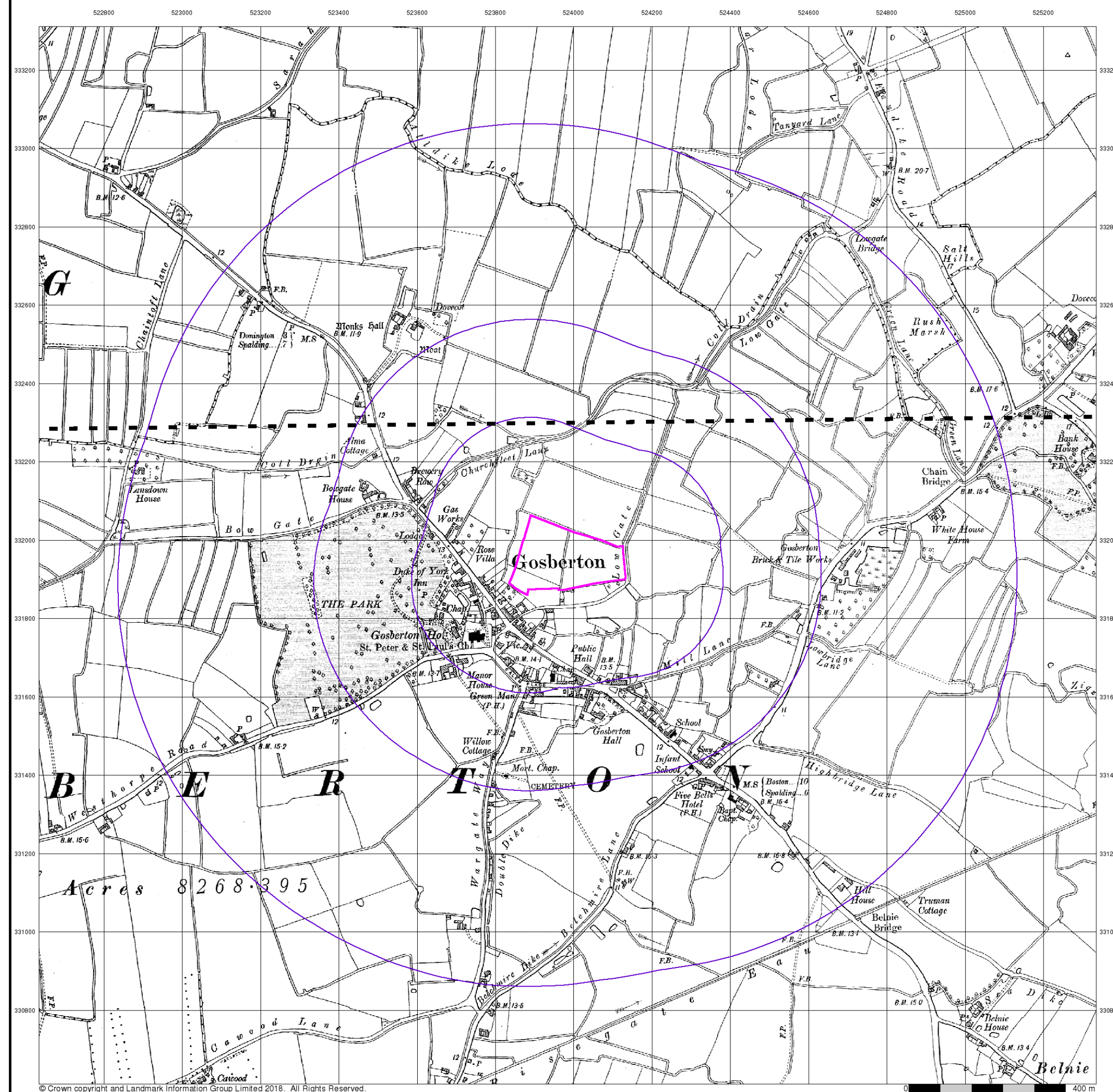
### Order Details

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Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

### Site Details

Site at 523970, 331970





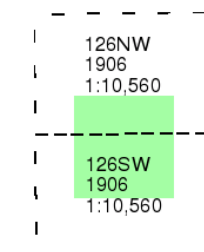
## Lincolnshire

Published 1906

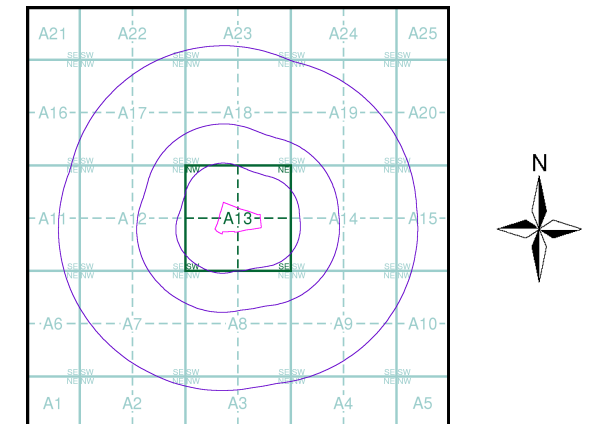
**Source map scale - 1:10,560**

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



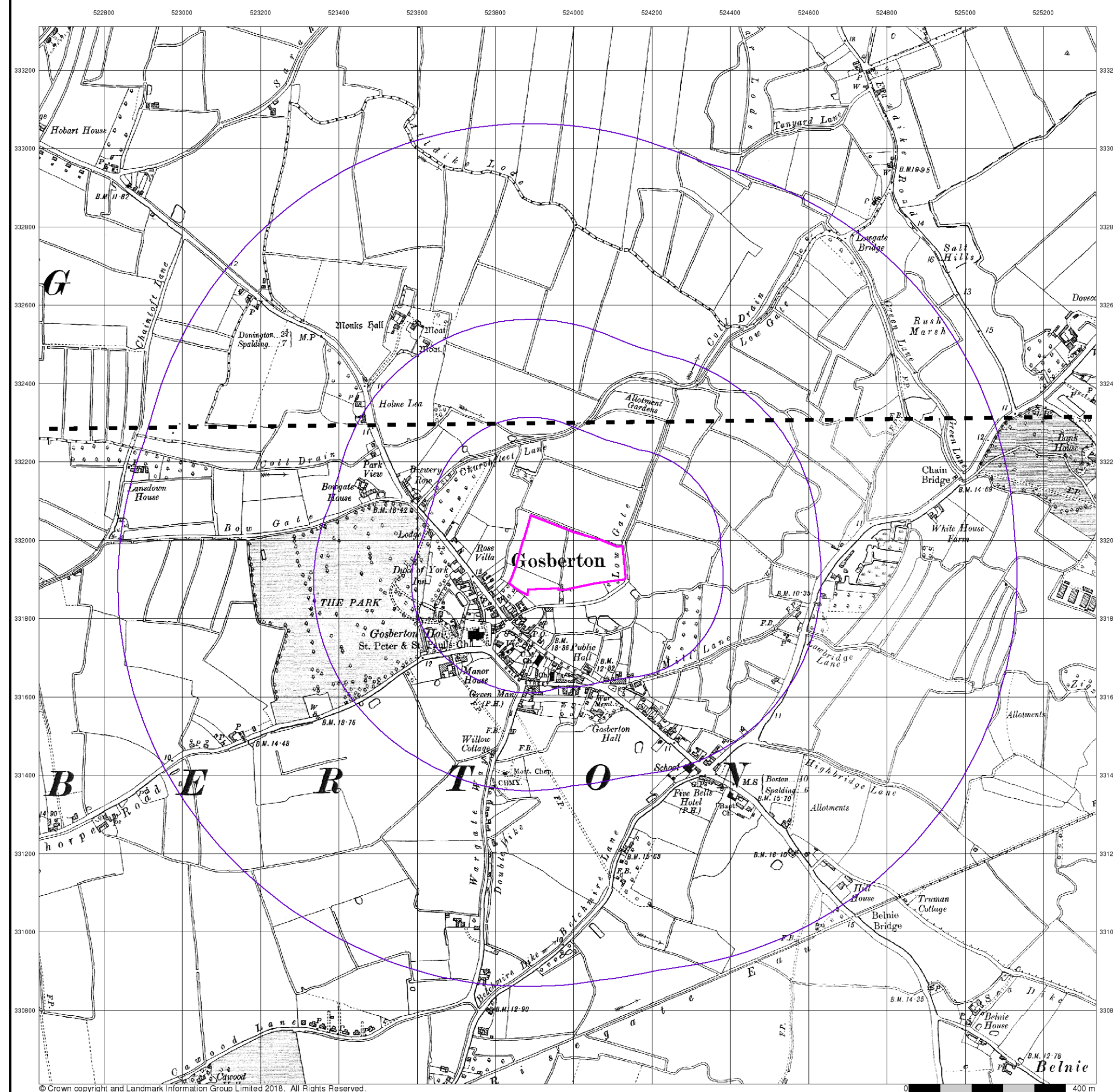
## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

## Site Details

Site at 523970, 331970





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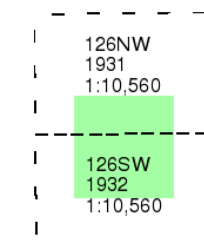
## Lincolnshire

**Published 1931 - 1932**

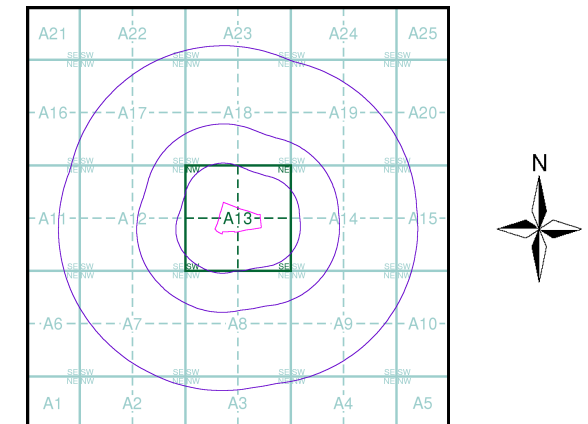
**Source map scale - 1:10,560**

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: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

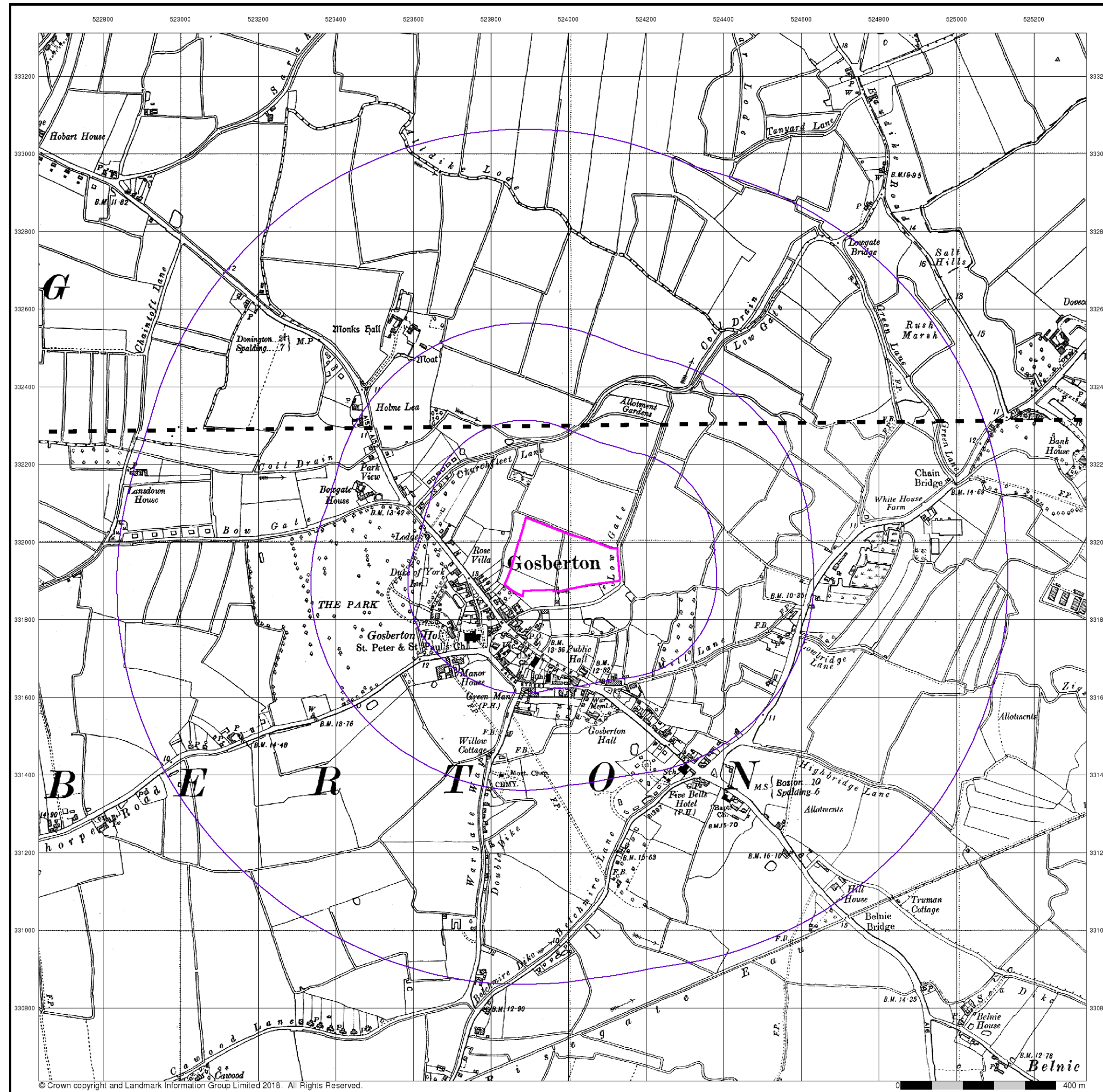
## Site Details

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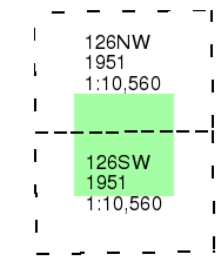
## Lincolnshire

Published 1951

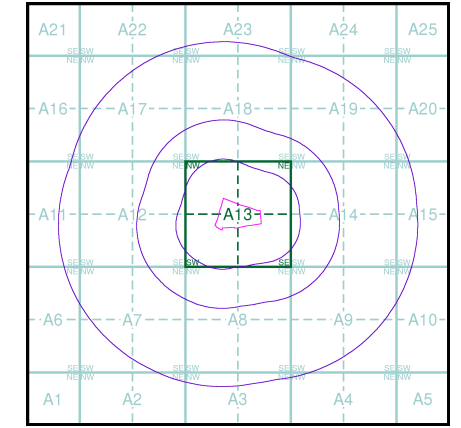
Source map scale - 1:10,560

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: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
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Search Buffer (m): 1000

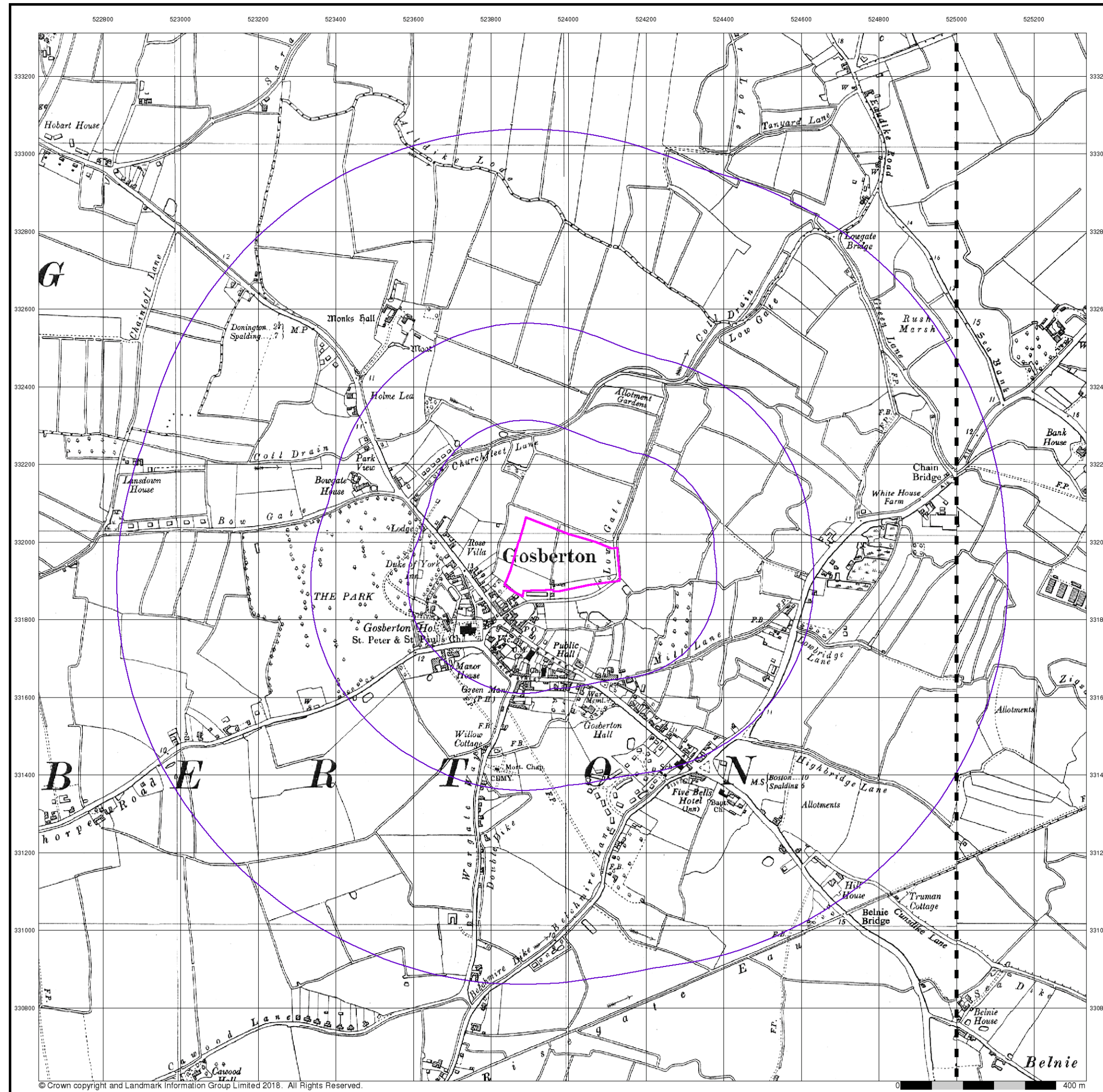
### Site Details

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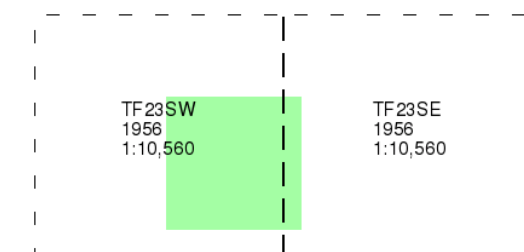
## Ordnance Survey Plan

Published 1956

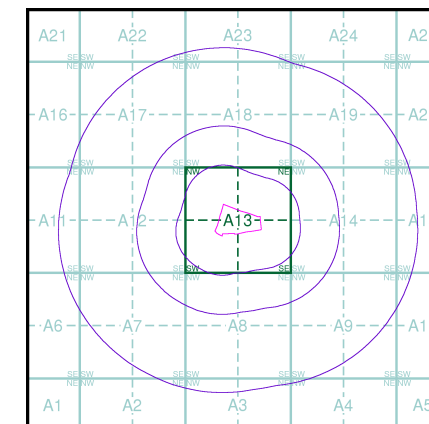
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

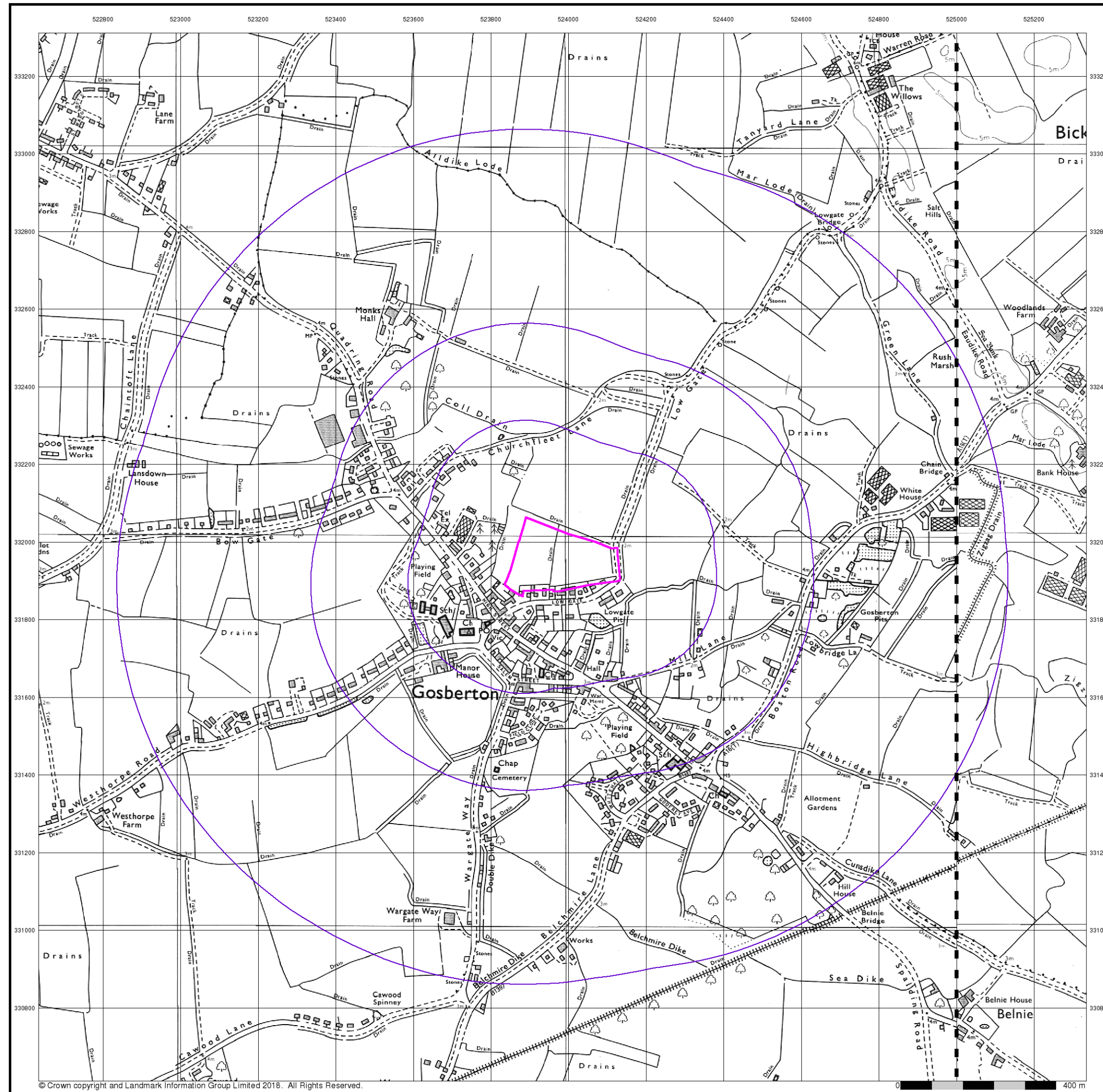
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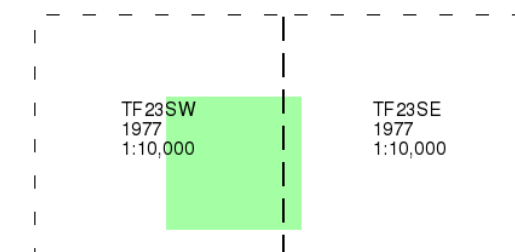
## Ordnance Survey Plan

Published 1977

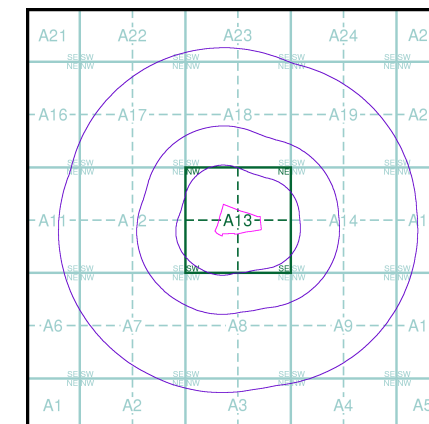
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

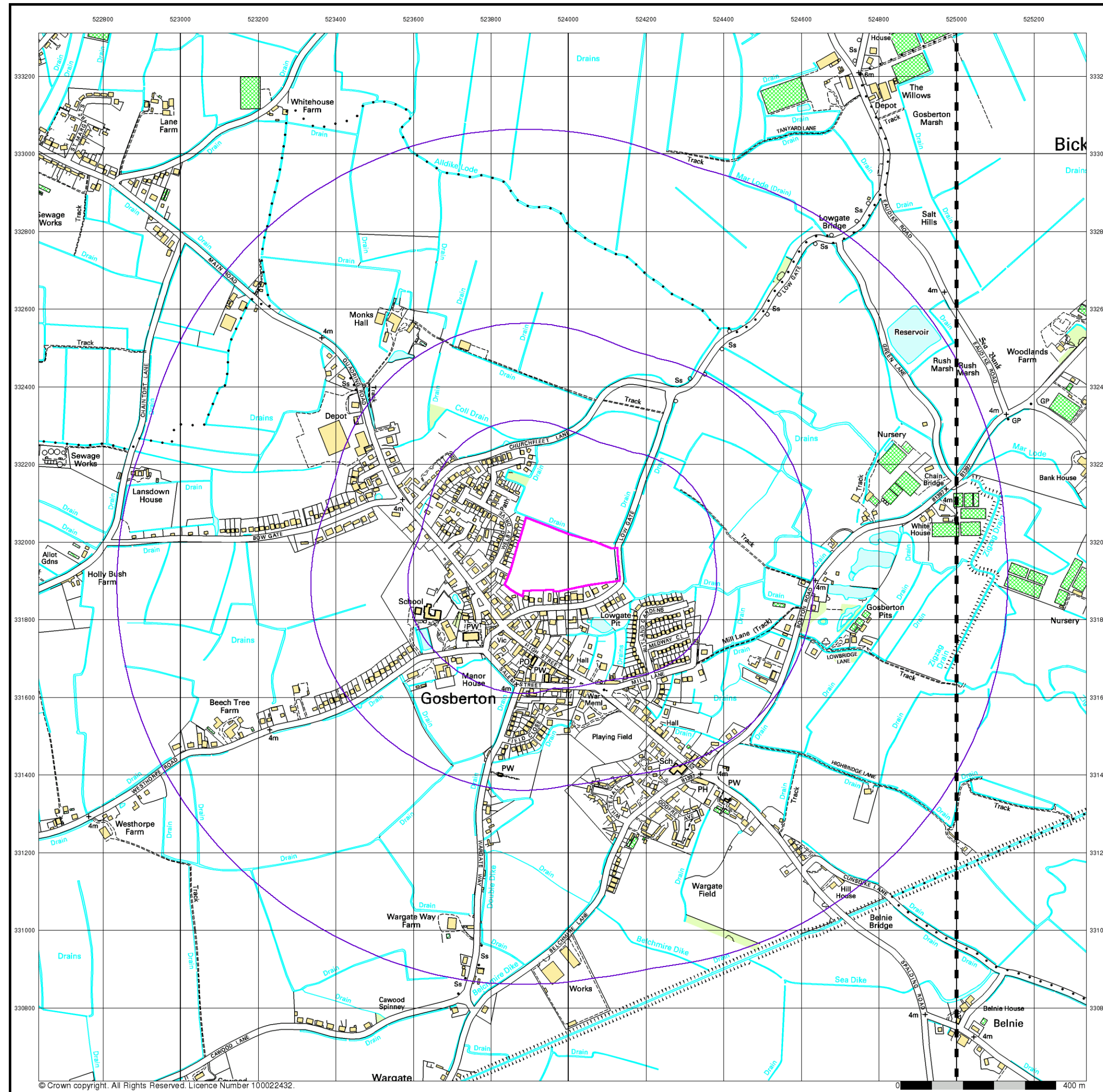
## Site Details

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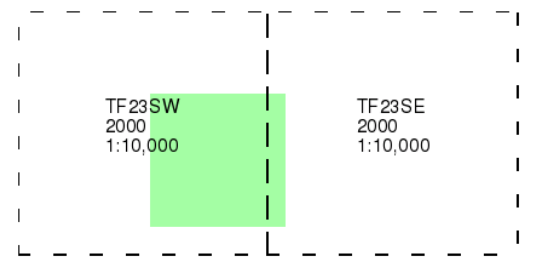
## 10k Raster Mapping

### Published 2000

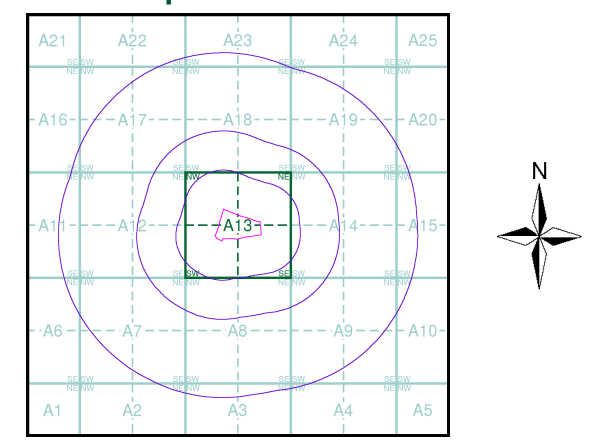
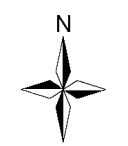
### Source map scale - 1:10,000

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)



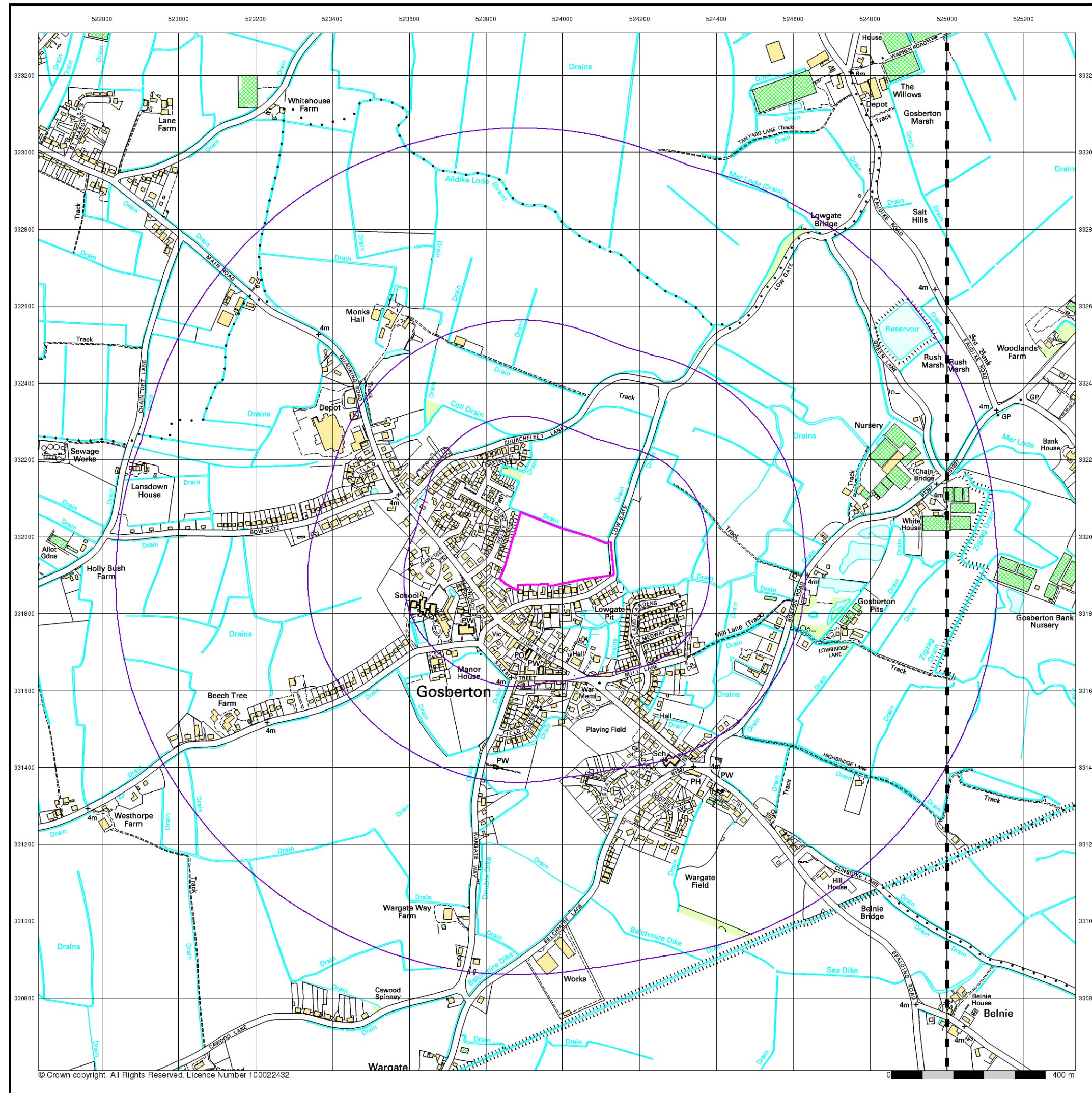
### Historical Map - Slice A



| Order Details            |                |
|--------------------------|----------------|
| Order Number:            | 165653517_1_1  |
| Customer Ref:            | 42727          |
| National Grid Reference: | 523980, 331950 |
| Slice:                   | A              |
| Site Area (Ha):          | 3.79           |
| Search Buffer (m):       | 1000           |

**Site Details**  
Site at 523970, 331970





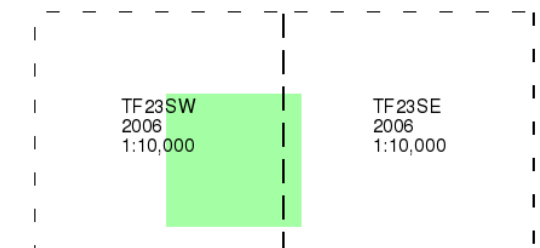
## 10k Raster Mapping

Published 2006

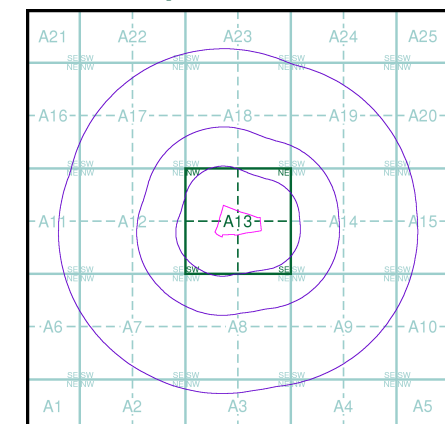
Source map scale - 1:10,000

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

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



### Historical Map - Slice A



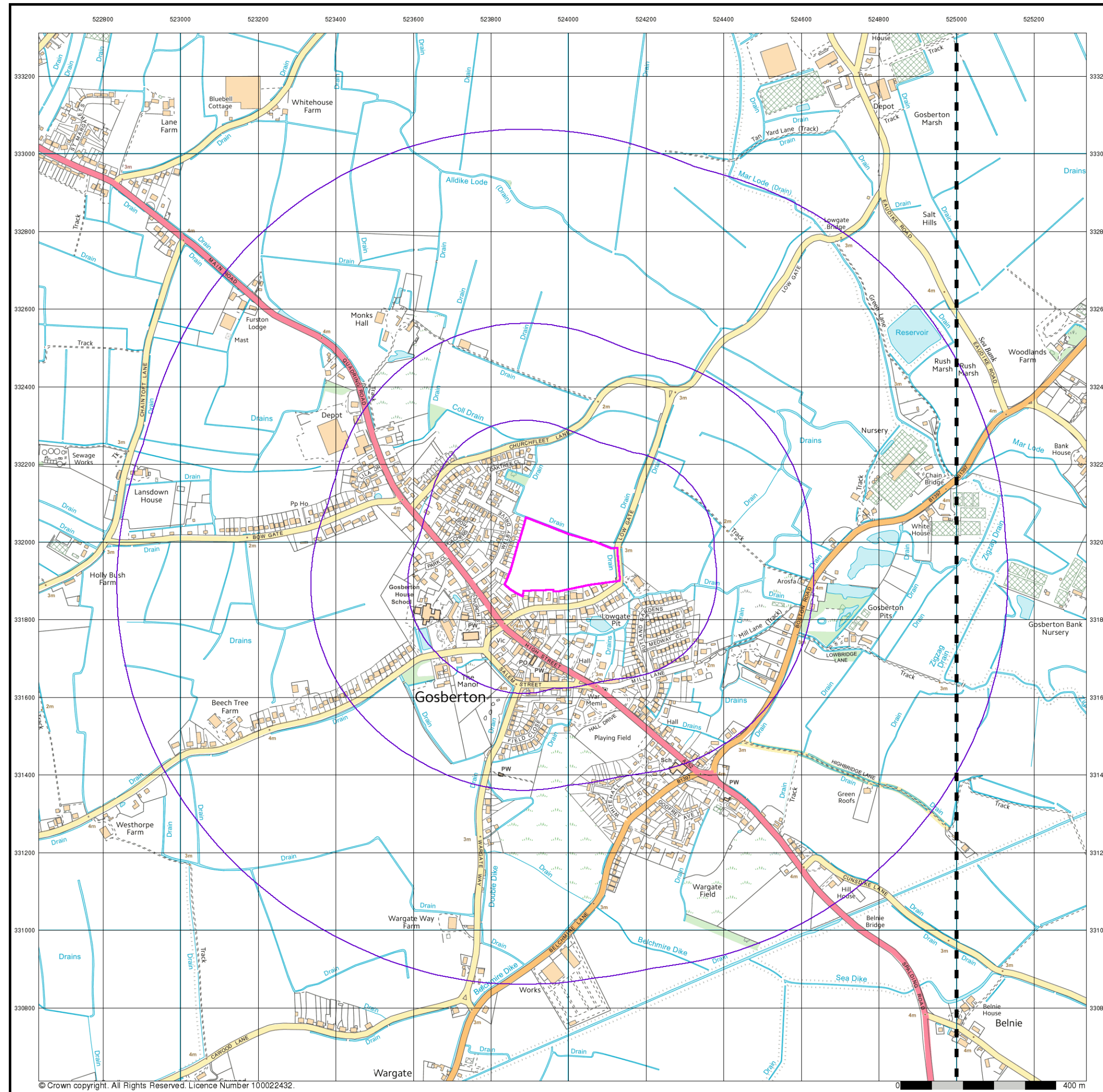
### Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

### Site Details

Site at 523970, 331970





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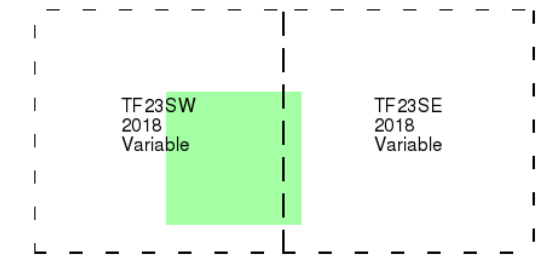
## VectorMap Local

Published 2018

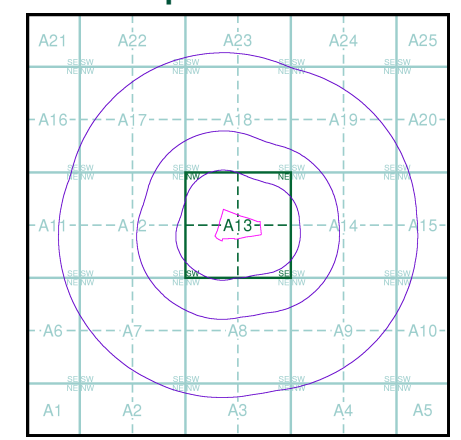
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

## Site Details

Site at 523970, 331970

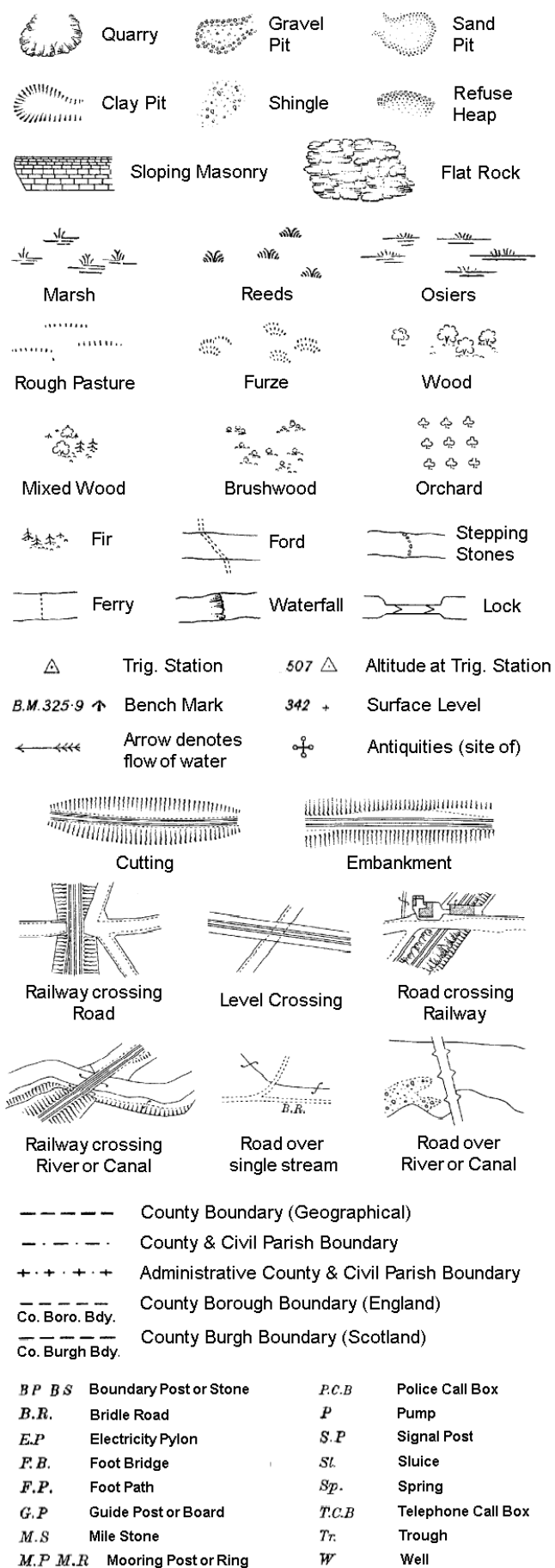
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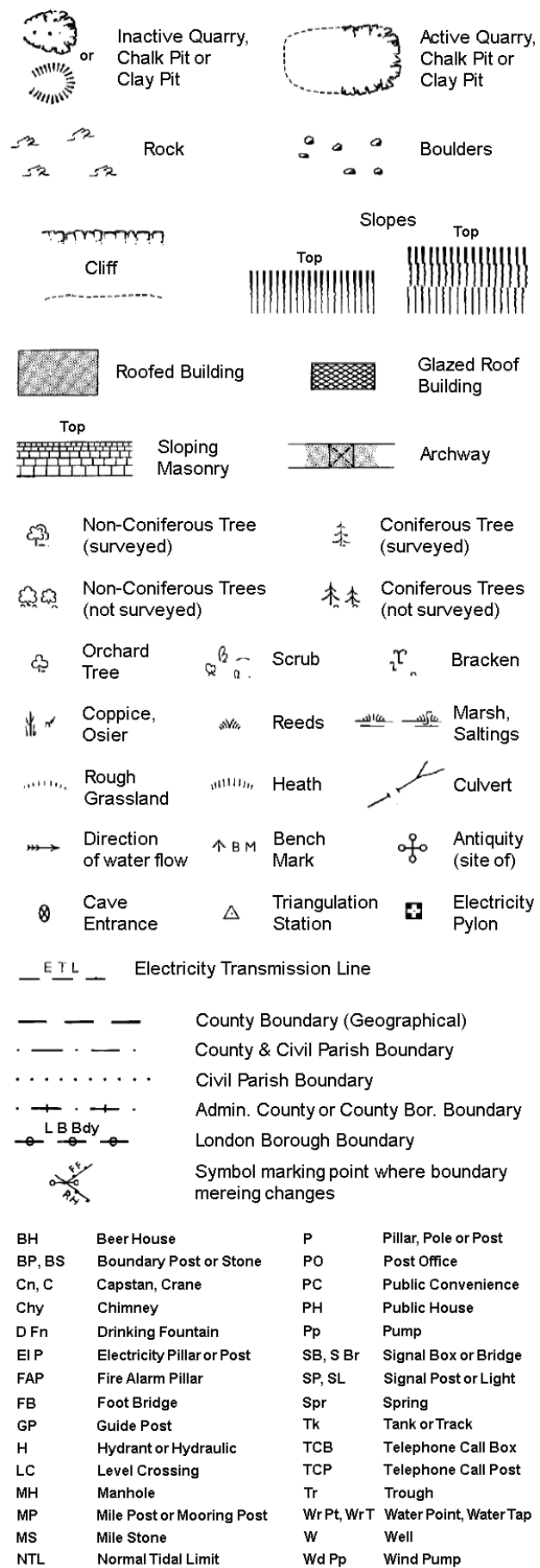


## Historical Mapping Legends

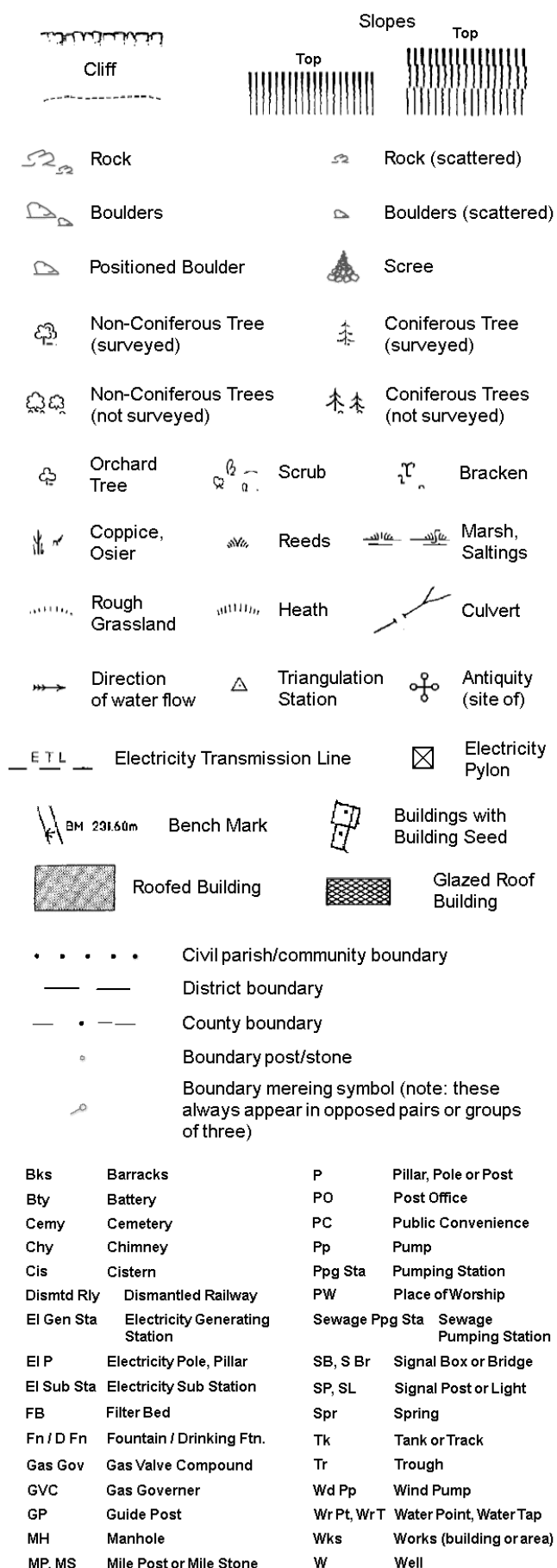
## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



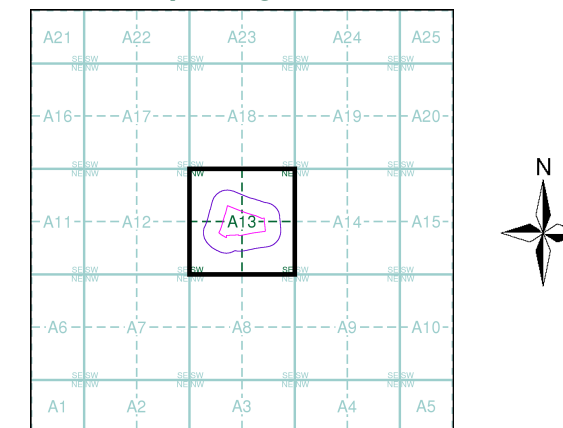
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### Historical Mapping & Photography included:

| Mapping Type                             | Scale   | Date        | Pg |
|------------------------------------------|---------|-------------|----|
| Lincolnshire                             | 1:2,500 | 1888        | 2  |
| Lincolnshire                             | 1:2,500 | 1904 - 1905 | 3  |
| Lincolnshire                             | 1:2,500 | 1931 - 1932 | 4  |
| Ordnance Survey Plan                     | 1:2,500 | 1973        | 5  |
| Supply of Unpublished Survey Information | 1:2,500 | 1975        | 6  |
| Additional SIMs                          | 1:2,500 | 1981 - 1986 | 7  |
| Additional SIMs                          | 1:2,500 | 1987 - 1988 | 8  |
| Large-Scale National Grid Data           | 1:2,500 | 1995        | 9  |
| Historical Aerial Photography            | 1:2,500 | 1999        | 10 |

## Historical Map - Segment A13



## Order Details

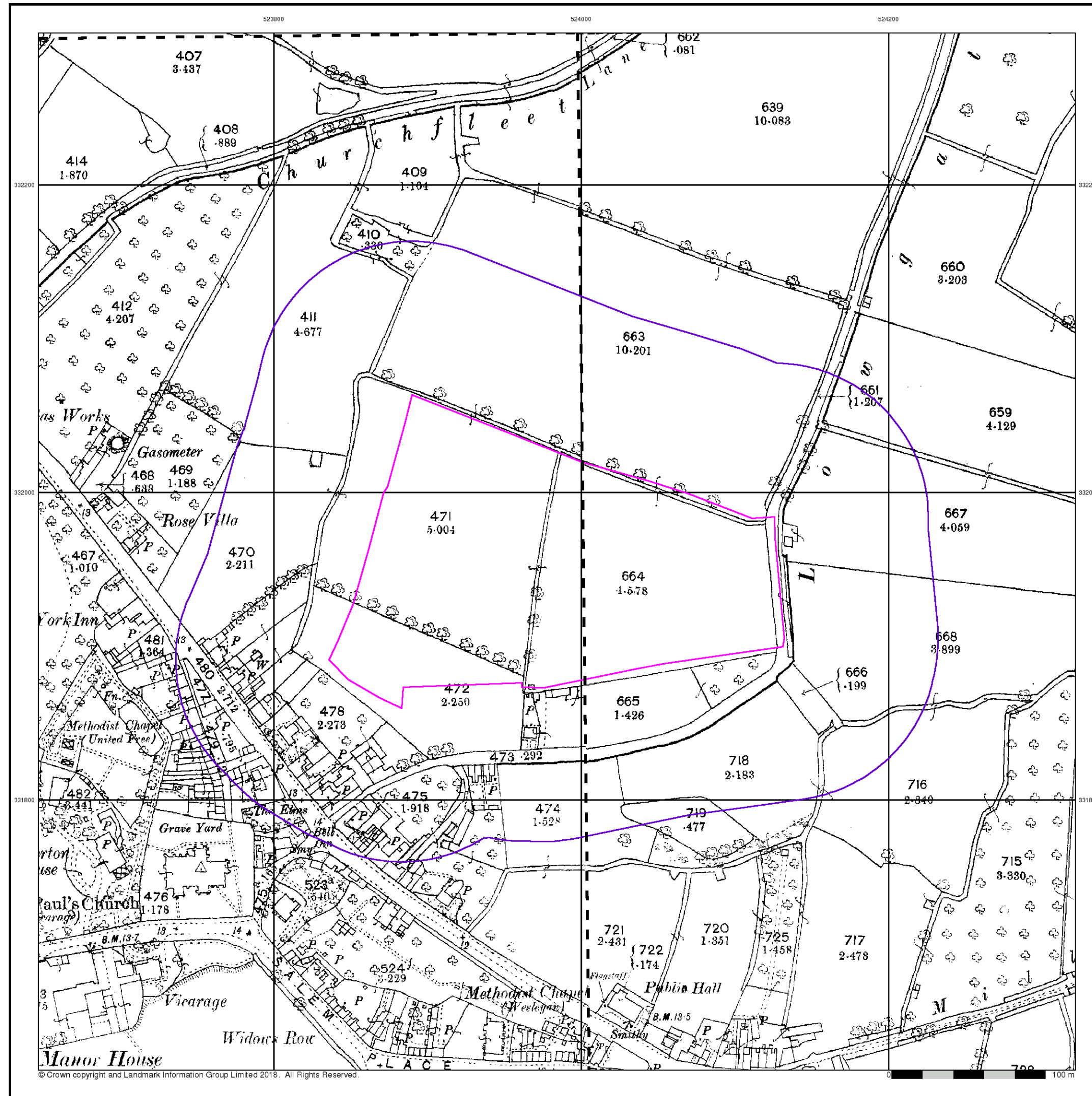
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| Order Number:            | 165653517_1_1  |
| Customer Ref:            | 42727          |
| National Grid Reference: | 523980, 331950 |
| Slice:                   | A              |
| Site Area (Ha):          | 3.79           |
| Search Buffer (m):       | 100            |

## Site Details

Site at 523970, 331970

**Landmark**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



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Lincolnshire

Published 1888

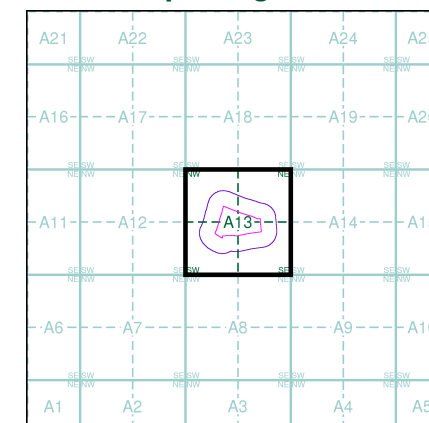
Source map scale - 1:2,500

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)

|                           |                           |
|---------------------------|---------------------------|
| 126_05<br>1888<br>1:2,500 | 126_06<br>1888<br>1:2,500 |
| 126_09<br>1888<br>1:2,500 | 126_10<br>1888<br>1:2,500 |

## Historical Map - Segment A13



## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 100

## Site Details

Site at 523970, 331970

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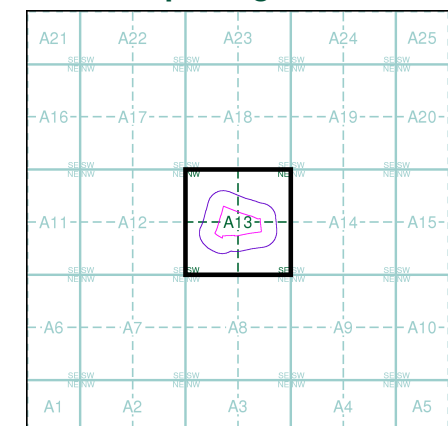


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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)

|                           |                           |
|---------------------------|---------------------------|
| 126_05<br>1904<br>1:2,500 | 126_06<br>1904<br>1:2,500 |
| 126_09<br>1905<br>1:2,500 | 126_10<br>1905<br>1:2,500 |

### Historical Map - Segment A13

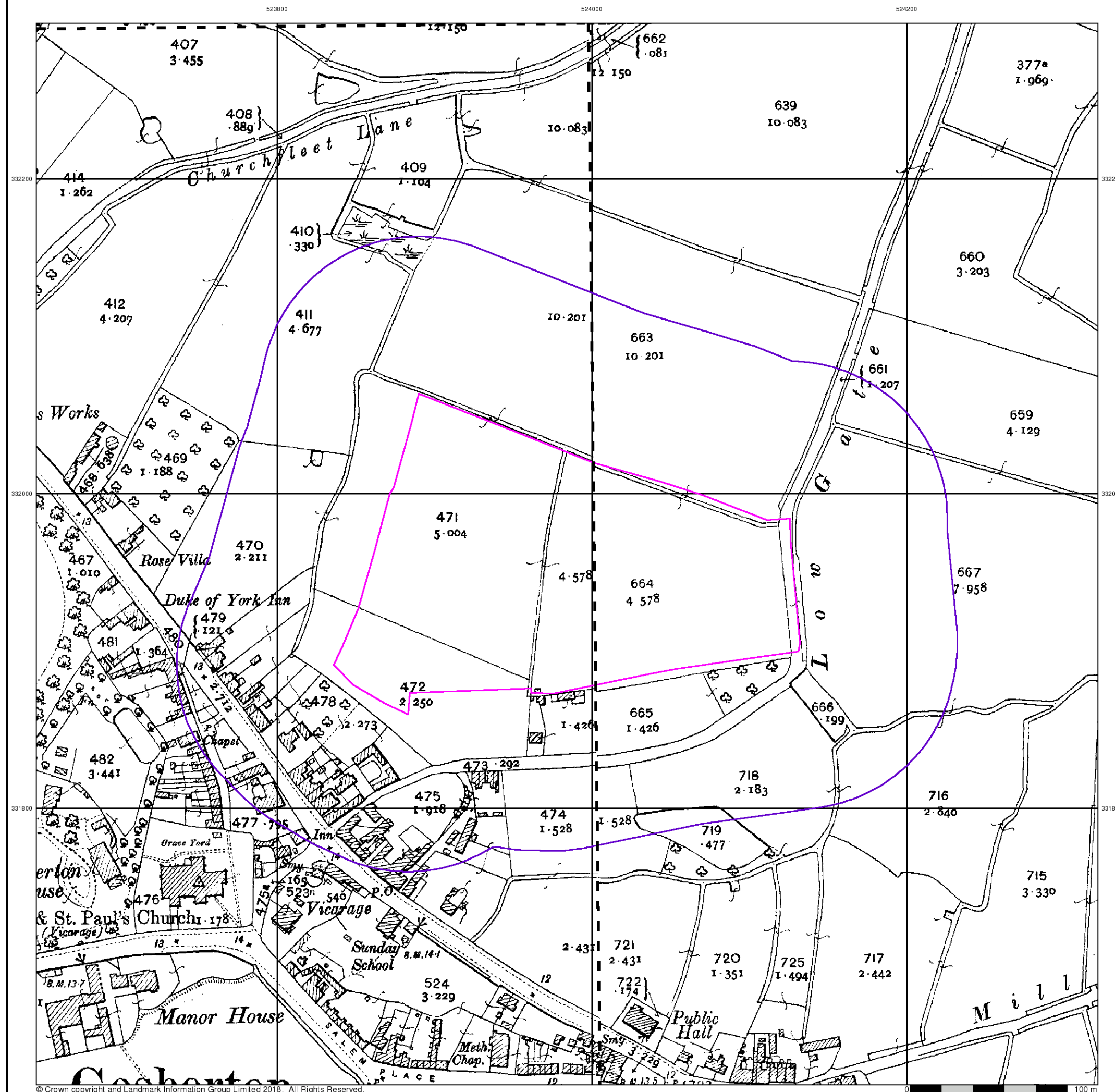


### Order Details

Order Number: 165653517\_1\_1  
 Customer Ref: 42727  
 National Grid Reference: 523980, 331950  
 Slice: A  
 Site Area (Ha): 3.79  
 Search Buffer (m): 100

### Site Details

Site at 523970, 331970





## Lincolnshire

Published 1931 - 1932

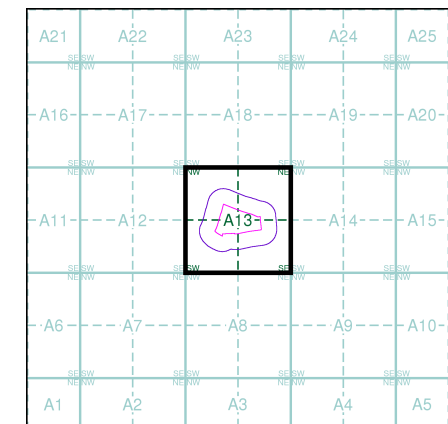
Source map scale - 1:2,500

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)

|                           |                           |
|---------------------------|---------------------------|
| 126_05<br>1931<br>1:2,500 | 126_06<br>1931<br>1:2,500 |
| 126_09<br>1932<br>1:2,500 | 126_10<br>1932<br>1:2,500 |

### Historical Map - Segment A13

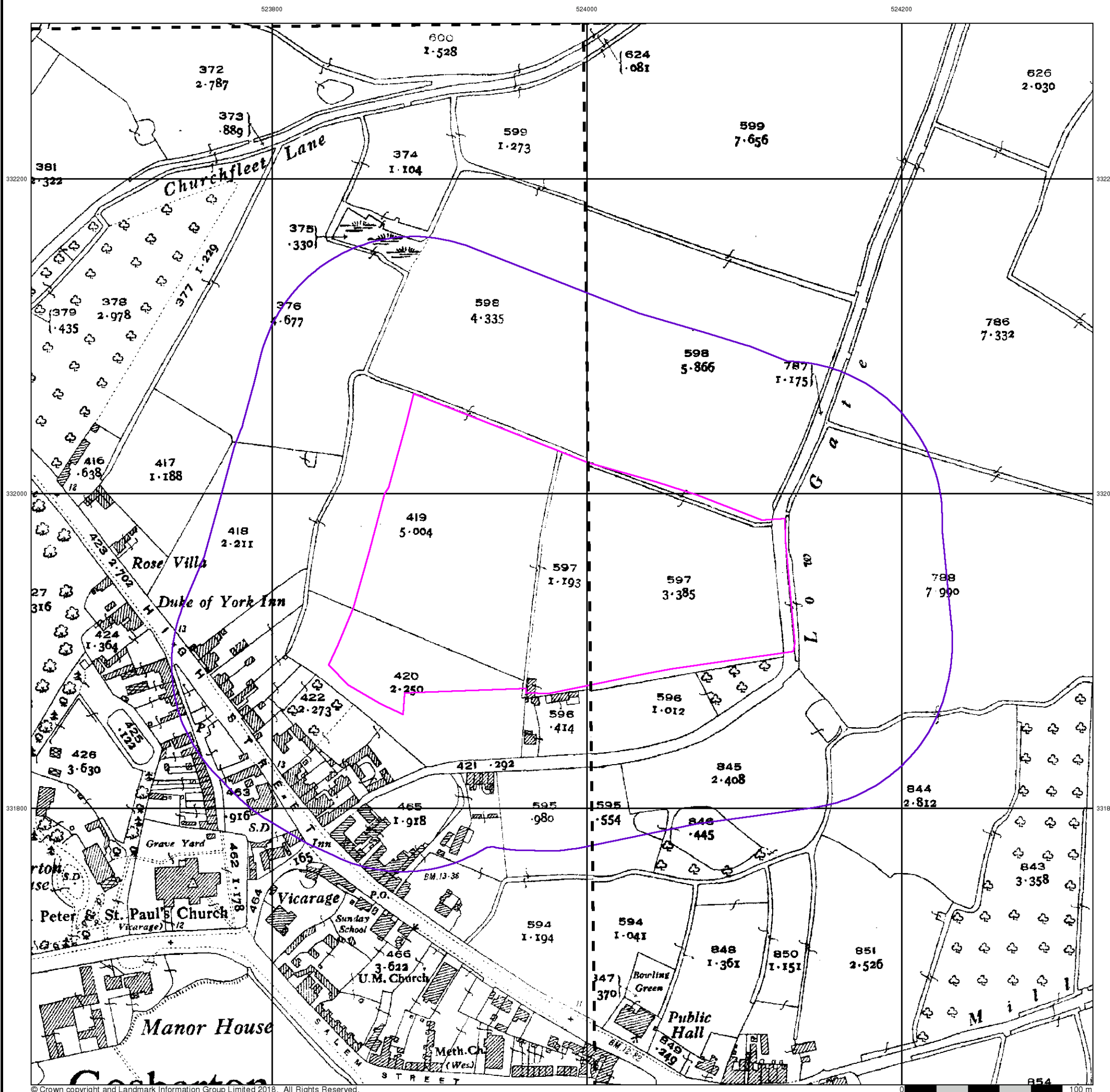


### Order Details

Order Number: 165653517\_1\_1  
 Customer Ref: 42727  
 National Grid Reference: 523980, 331950  
 Slice: A  
 Site Area (Ha): 3.79  
 Search Buffer (m): 100

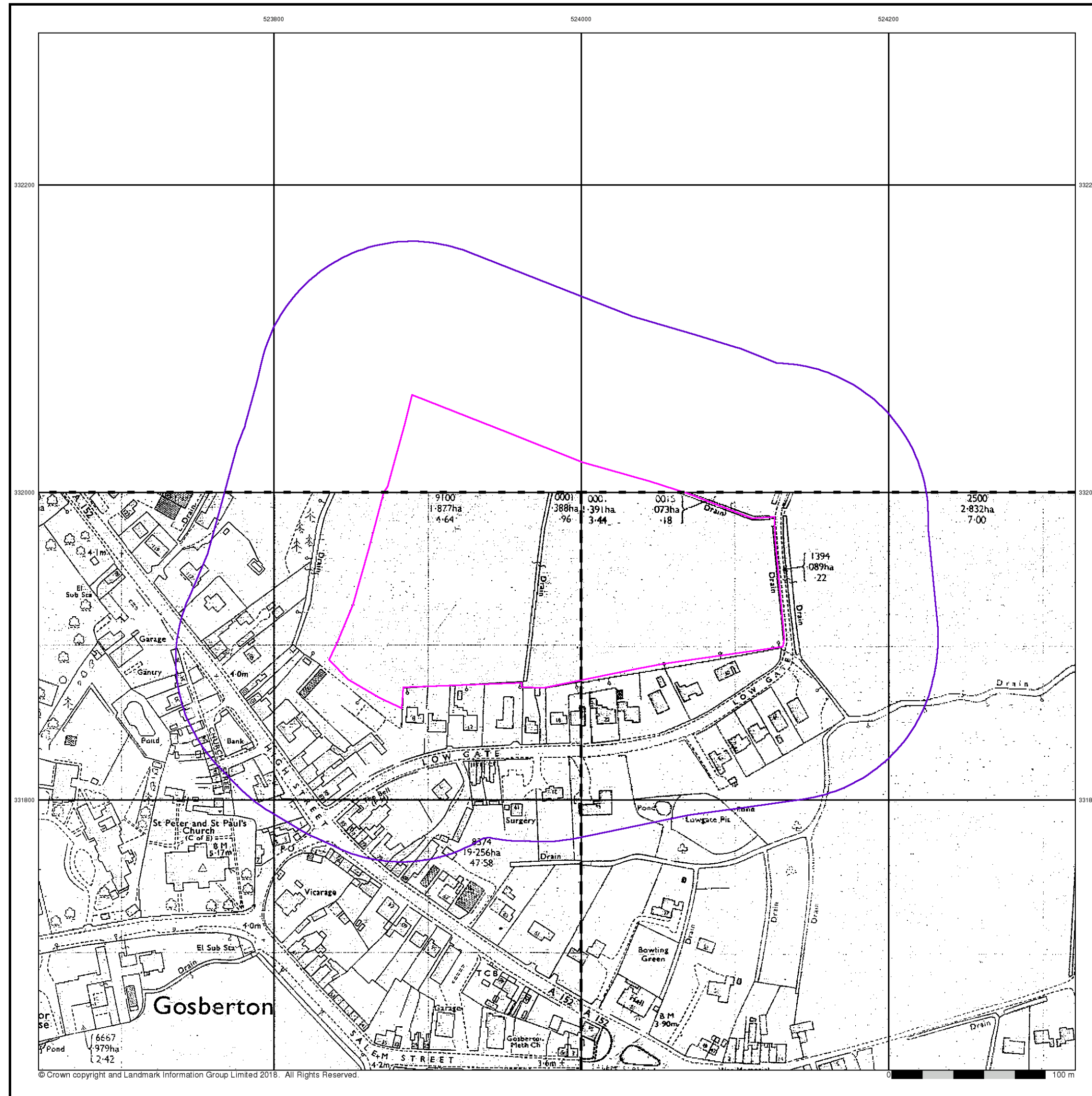
### Site Details

Site at 523970, 331970









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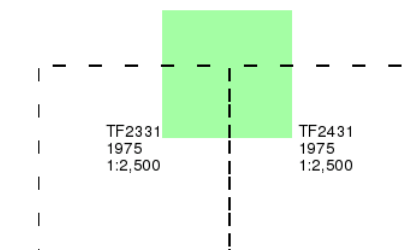
## Supply of Unpublished Survey Information

Published 1975

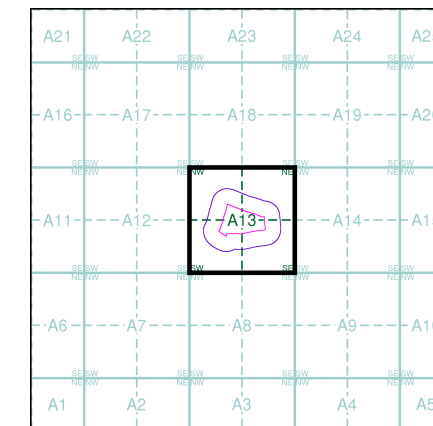
Source map scale - 1:2,500

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

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



### Historical Map - Segment A13



### Order Details

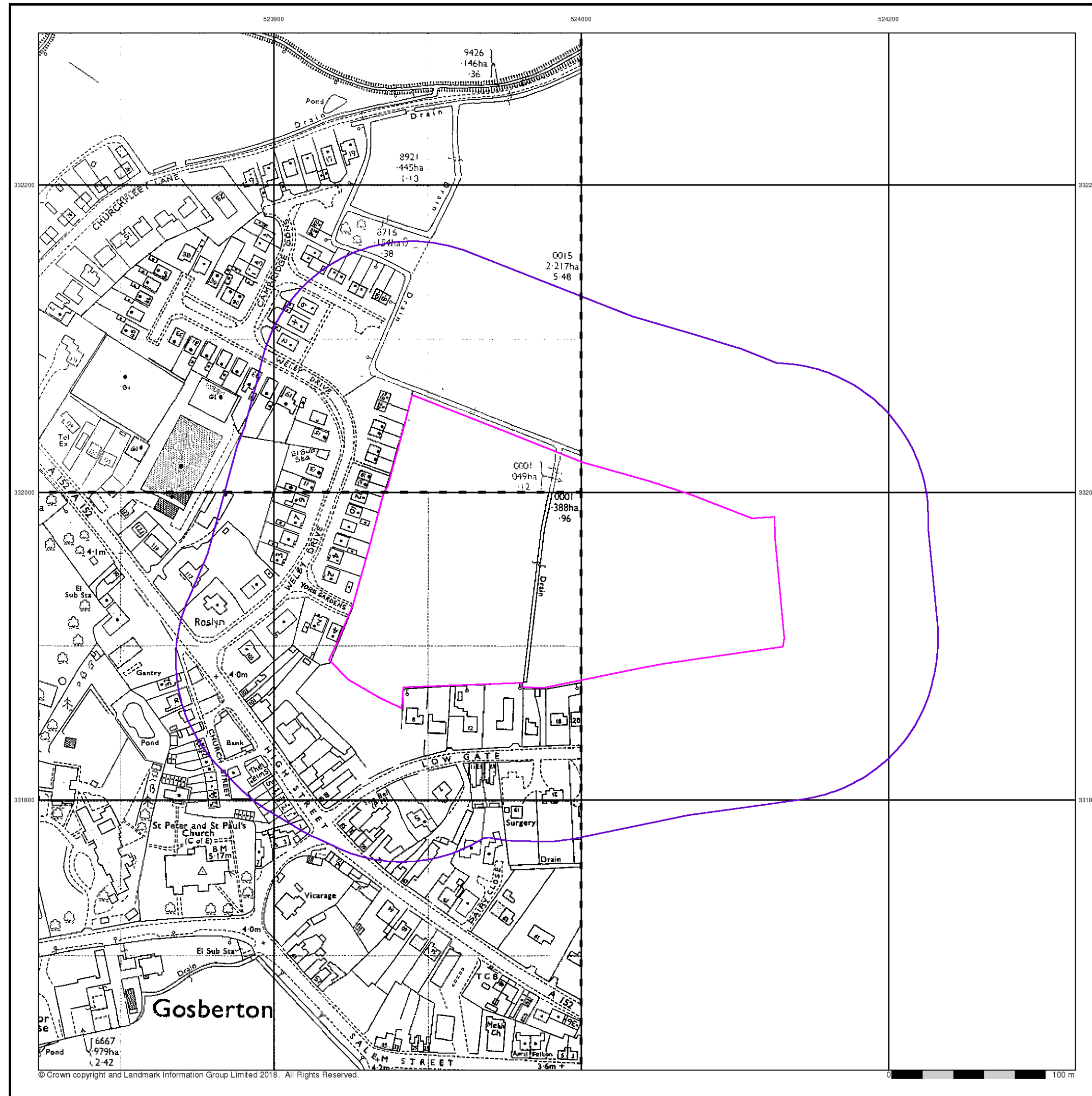
Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 100

### Site Details

Site at 523970, 331970







## Additional SIMs

Published 1987 - 1988

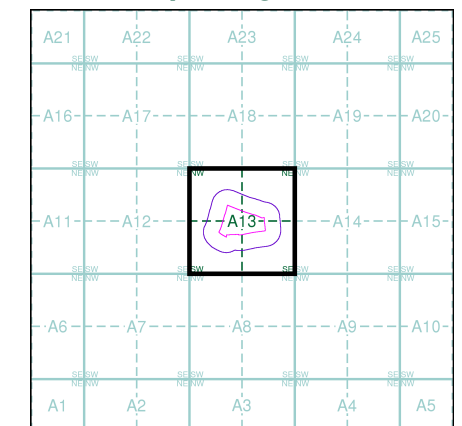
Source map scale - 1:2,500

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)

|        |      |         |
|--------|------|---------|
| TF2332 | 1987 | 1:2,500 |
| TF2331 | 1988 | 1:2,500 |

## Historical Map - Segment A13



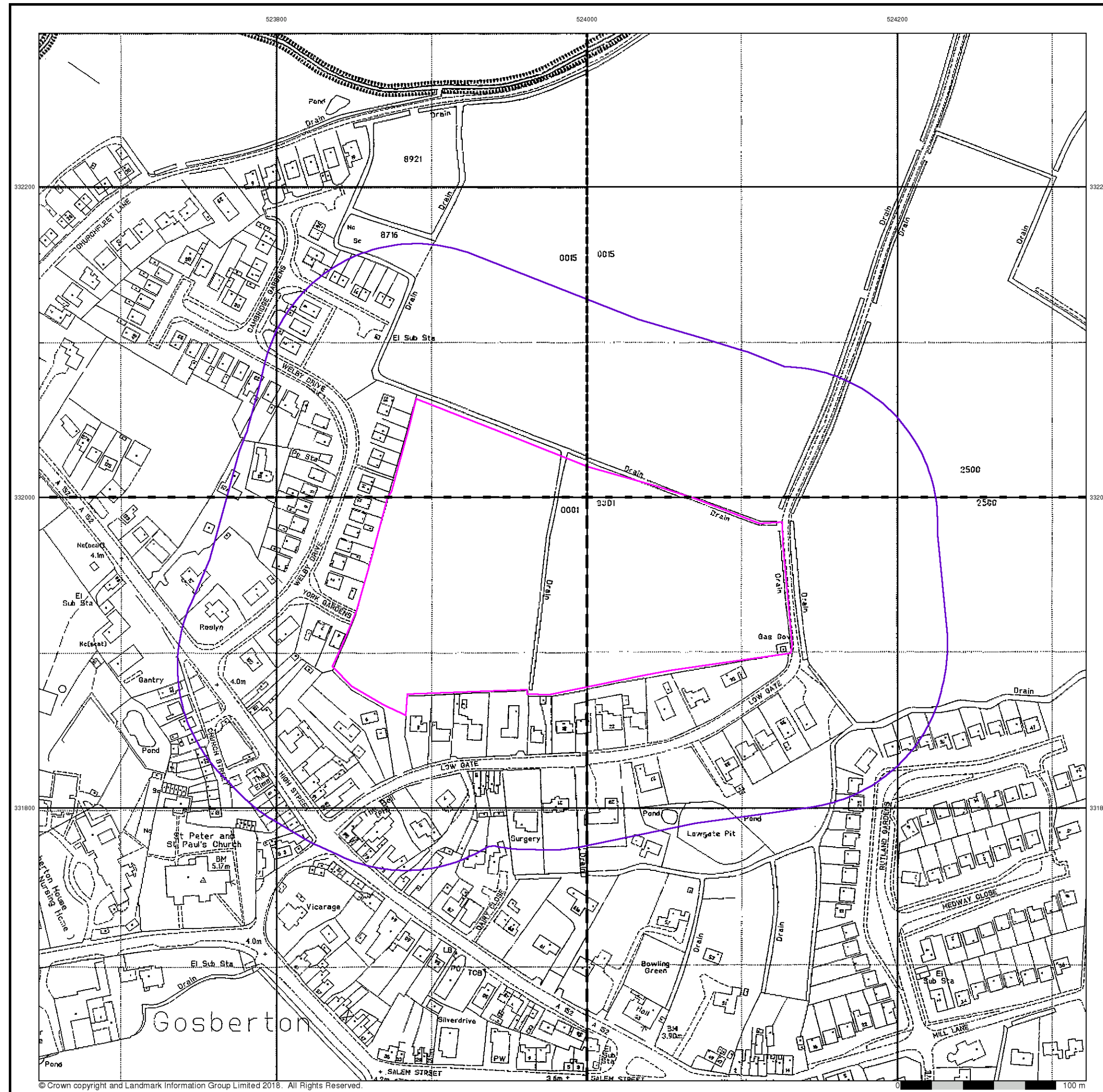
## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 100

## Site Details

Site at 523970, 331970





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## Large-Scale National Grid Data

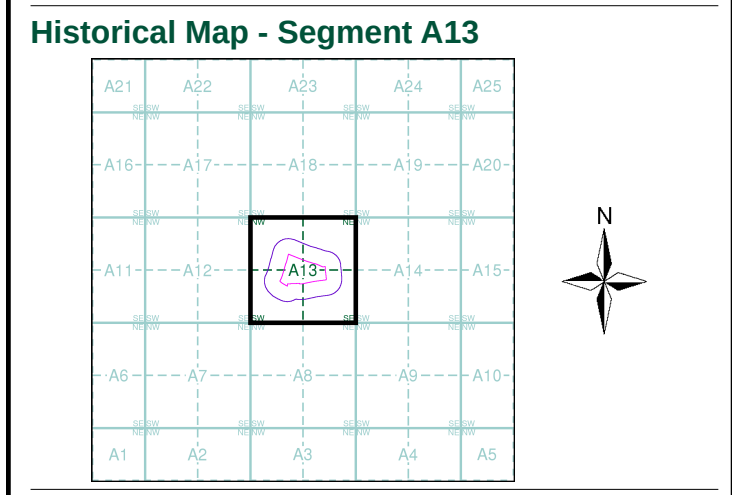
**Published 1995**

**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)

|        |        |
|--------|--------|
| TF2332 | TF2432 |
| 1995   | 1995   |
| 12,500 | 12,500 |
| TF2331 | TF2431 |
| 1995   | 1995   |
| 12,500 | 12,500 |



### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 165653517_1_1  |
| Customer Ref:            | 42727          |
| National Grid Reference: | 523980, 331950 |
| Slice:                   | A              |
| Site Area (Ha):          | 3.79           |
| Search Buffer (m):       | 100            |

### Site Details

Site at 523970, 331970





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## Historical Aerial Photography

### Published 1999

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

#### Historical Aerial Photography - Segment A13

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

#### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 165653517_1_1  |
| Customer Ref:            | 42727          |
| National Grid Reference: | 523980, 331950 |
| Slice:                   | A              |
| Site Area (Ha):          | 3.79           |
| Search Buffer (m):       | 100            |

#### Site Details

Site at 523970, 331970

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A Landmark Information Group Service v50.0 09-May-2018 Page 10 of 10



## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

165653517\_1\_1

**Customer Reference:**

42727

**National Grid Reference:**

523980, 331950

**Slice:**

A

**Site Area (Ha):**

3.79

**Search Buffer (m):**

1000

#### Site Details:

Site at 523970, 331970

#### Client Details:

Miss E Turner  
Eastwood & Partners Ltd  
St Andrews House  
23 Kingfield Road  
Sheffield  
S11 9AS

| Report Section        | Page Number |
|-----------------------|-------------|
| Summary               | -           |
| Agency & Hydrological | 1           |
| Waste                 | 41          |
| Hazardous Substances  | -           |
| Geological            | 42          |
| Industrial Land Use   | 43          |
| Sensitive Land Use    | 46          |
| Data Currency         | 47          |
| Data Suppliers        | 52          |
| Useful Contacts       | 53          |

### 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 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 (*up to 2000m) |
|---------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                             |
| BGS Groundwater Flooding Susceptibility                       |             |         |           |             | n/a                         |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                             |
| Discharge Consents                                            | pg 1        |         | 2         | 6           | 3                           |
| Prosecutions Relating to Controlled Waters                    |             |         | n/a       | n/a         | n/a                         |
| Enforcement and Prohibition Notices                           |             |         |           |             |                             |
| Integrated Pollution Controls                                 |             |         |           |             |                             |
| Integrated Pollution Prevention And Control                   |             |         |           |             |                             |
| Local Authority Integrated Pollution Prevention And Control   |             |         |           |             |                             |
| Local Authority Pollution Prevention and Controls             | pg 3        |         |           |             | 2                           |
| Local Authority Pollution Prevention and Control Enforcements |             |         |           |             |                             |
| Nearest Surface Water Feature                                 | pg 3        | Yes     |           |             |                             |
| Pollution Incidents to Controlled Waters                      | pg 4        |         |           | 2           | 2                           |
| 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 4        |         |           | 2           | 12 (*16)                    |
| Water Industry Act Referrals                                  |             |         |           |             |                             |
| Groundwater Vulnerability                                     | pg 12       | Yes     | n/a       | n/a         | n/a                         |
| Drift Deposits                                                |             |         | n/a       | n/a         | n/a                         |
| Bedrock Aquifer Designations                                  | pg 12       | Yes     | n/a       | n/a         | n/a                         |
| Superficial Aquifer Designations                              | pg 12       | Yes     | n/a       | n/a         | n/a                         |
| Source Protection Zones                                       |             |         |           |             |                             |
| Extreme Flooding from Rivers or Sea without Defences          | pg 12       | Yes     | Yes       | n/a         | n/a                         |
| Flooding from Rivers or Sea without Defences                  | pg 12       | Yes     | Yes       | n/a         | n/a                         |
| Areas Benefiting from Flood Defences                          |             |         |           | n/a         | n/a                         |
| Flood Water Storage Areas                                     |             |         |           | n/a         | n/a                         |
| Flood Defences                                                |             |         |           | n/a         | n/a                         |
| OS Water Network Lines                                        | pg 13       | 1       | 35        | 50          | 159                         |

| 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)                    | pg 41       |         |           |             | 1                           |
| Local Authority Landfill Coverage                                   | pg 41       | 2       | n/a       | n/a         | n/a                         |
| Local Authority Recorded Landfill Sites                             |             |         |           |             |                             |
| Potentially Infilled Land (Non-Water)                               |             |         |           |             |                             |
| Potentially Infilled Land (Water)                                   | pg 41       |         | 1         | 1           |                             |
| Registered Landfill Sites                                           | pg 41       |         |           |             | 1                           |
| Registered Waste Transfer Sites                                     |             |         |           |             |                             |
| Registered Waste Treatment or Disposal Sites                        |             |         |           |             |                             |
| <b>Hazardous Substances</b>                                         |             |         |           |             |                             |
| Control of Major Accident Hazards Sites (COMAH)                     |             |         |           |             |                             |
| Explosive Sites                                                     |             |         |           |             |                             |
| Notification of Installations Handling Hazardous Substances (NIHHS) |             |         |           |             |                             |
| Planning Hazardous Substance Consents                               |             |         |           |             |                             |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                             |



| Data Type                                                         | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|-------------------------------------------------------------------|-------------|---------|-----------|-------------|-----------------------------|
| <b>Geological</b>                                                 |             |         |           |             |                             |
| BGS 1:625,000 Solid Geology                                       | pg 42       | Yes     | n/a       | n/a         | n/a                         |
| BGS Estimated Soil Chemistry                                      | pg 42       | Yes     |           |             |                             |
| BGS Recorded Mineral Sites                                        | pg 42       |         |           |             | 1                           |
| BGS Urban Soil Chemistry                                          |             |         |           |             |                             |
| BGS Urban Soil Chemistry Averages                                 |             |         |           |             |                             |
| CBSCB Compensation District                                       |             |         | n/a       | n/a         | n/a                         |
| Coal Mining Affected Areas                                        |             |         | n/a       | n/a         | n/a                         |
| Mining Instability                                                |             |         | n/a       | n/a         | n/a                         |
| Man-Made Mining Cavities                                          |             |         |           |             |                             |
| Natural Cavities                                                  |             |         |           |             |                             |
| Non Coal Mining Areas of Great Britain                            |             |         |           | n/a         | n/a                         |
| Potential for Collapsible Ground Stability Hazards                |             |         |           | n/a         | n/a                         |
| Potential for Compressible Ground Stability Hazards               | pg 42       | Yes     |           | n/a         | n/a                         |
| Potential for Ground Dissolution Stability Hazards                |             |         |           | n/a         | n/a                         |
| Potential for Landslide Ground Stability Hazards                  | pg 42       | Yes     |           | n/a         | n/a                         |
| Potential for Running Sand Ground Stability Hazards               | pg 42       | Yes     |           | n/a         | n/a                         |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 42       | Yes     |           | n/a         | n/a                         |
| Radon Potential - Radon Affected Areas                            |             |         | n/a       | n/a         | n/a                         |
| Radon Potential - Radon Protection Measures                       |             |         | n/a       | n/a         | n/a                         |
| <b>Industrial Land Use</b>                                        |             |         |           |             |                             |
| Contemporary Trade Directory Entries                              | pg 43       |         | 3         | 2           | 12                          |
| Fuel Station Entries                                              | pg 44       |         |           |             | 2                           |
| Points of Interest - Commercial Services                          | pg 44       |         | 2         | 1           | 1                           |
| Points of Interest - Education and Health                         |             |         |           |             |                             |
| Points of Interest - Manufacturing and Production                 | pg 45       |         |           |             | 6                           |
| Points of Interest - Public Infrastructure                        | pg 45       |         |           | 2           | 2                           |
| Points of Interest - Recreational and Environmental               | pg 45       |         |           | 2           |                             |
| Gas Pipelines                                                     |             |         |           |             |                             |
| Underground Electrical Cables                                     |             |         |           |             |                             |

| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m<br>(*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|--------------------------------|
| <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 46       | 1       |           |             |                                |
| Ramsar Sites                         |             |         |           |             |                                |
| Sites of Special Scientific Interest |             |         |           |             |                                |
| Special Areas of Conservation        |             |         |           |             |                                |
| Special Protection Areas             |             |         |           |             |                                |
| World Heritage Sites                 |             |         |           |             |                                |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 1      | <b>Discharge Consents</b><br>Operator: Medicx Properties V Limited<br>Property Type: Domestic Property (Single)<br>Location: Rutland Gardens No.33 Gosberton, Spalding, Lincs, Pe11 4hr<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Low River Welland (Spalding)<br>Reference: Prnnf18877<br>Permit Version: 1<br>Effective Date: 4th February 2008<br>Issued Date: 28th January 2008<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Unnamed Tributary Of River Wed<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A13SE (E)                              | 80                           | 2       | 524200 331860 |
| 2      | <b>Discharge Consents</b><br>Operator: Mrs D E W Buckley<br>Property Type: Not Supplied<br>Location: Dwellinghouse At Low Gate, Gosberton, Spalding<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr5lf3598<br>Permit Version: 1<br>Effective Date: 15th May 1979<br>Issued Date: 15th May 1979<br>Revocation Date: 1st October 1996<br>Discharge Type: Unknown<br>Discharge: Onto Land<br>Environment:<br>Receiving Water: Land<br><b>Status:</b> <b>Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                                                     | A13SE (SE)                             | 95                           | 2       | 524100 331800 |
| 3      | <b>Discharge Consents</b><br>Operator: Anthony And Katherine J. Armstrong<br>Property Type: Not Supplied<br>Location: Nursery On Mill Lane, Gosberton, Spalding<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr5lf5094<br>Permit Version: 1<br>Effective Date: 31st October 1985<br>Issued Date: 31st October 1985<br>Revocation Date: 1st October 1996<br>Discharge Type: Unknown<br>Discharge: Onto Land<br>Environment:<br>Receiving Water: Land<br><b>Status:</b> <b>Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                                  | A14SW (SE)                             | 259                          | 2       | 524360 331780 |
| 4      | <b>Discharge Consents</b><br>Operator: Mr & Mrs D Cordner<br>Property Type: Domestic Property (Single)<br>Location: Infotel House Boston Road, Gosberton, Spalding, Lincolnshire, Pe11 4nu<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Low River Welland (Spalding)<br>Reference: Prnnf12923<br>Permit Version: 1<br>Effective Date: 6th March 2003<br>Issued Date: 18th March 2003<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Tributary Of Risegate Eau<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m        | A14SW (SE)                             | 398                          | 2       | 524440 331650 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 5      | <b>Discharge Consents</b><br>Operator: Mr. G.J. Sharples<br>Property Type: Not Supplied<br>Location: House At Boston Road Gosberton, Spalding, Lincs<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr5lf3844<br>Permit Version: 1<br>Effective Date: 10th August 1982<br>Issued Date: 10th August 1982<br>Revocation Date: 1st October 1996<br>Discharge Type: Unknown<br>Discharge: Onto Land<br>Environment:<br>Receiving Water: Land<br><b>Status:</b> Pre National Rivers Authority Legislation where issue date < 01/09/1989<br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                                    | A9NW (SE)                              | 460                          | 2       | 524480<br>331600 |
| 6      | <b>Discharge Consents</b><br>Operator: Gosberton Farm Produce Ltd<br>Property Type: Not Supplied<br>Location: Quadring Road Gosberton, Spalding, Lincs, Pe11 4nb<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Given<br>Reference: Prmnf01235<br>Permit Version: 1<br>Effective Date: 19th July 1989<br>Issued Date: 19th July 1989<br>Revocation Date: 19th September 1996<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Into And/Or Watercourse<br>Environment:<br>Receiving Water: Unnamed Watercourse<br><b>Status:</b> Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m                                                                                            | A12NE (NW)                             | 461                          | 2       | 523450<br>332200 |
| 7      | <b>Discharge Consents</b><br>Operator: Mr D Williamson<br>Property Type: Domestic Property (Single)<br>Location: Bow House Boston Road, Gosberton, Spalding, Lincolnshire, Pe11 4nr<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Low River Welland (Spalding)<br>Reference: Prmnf18084<br>Permit Version: 1<br>Effective Date: 15th December 2003<br>Issued Date: 23rd December 2003<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Trib Of Risegate Eau<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Located by supplier to within 10m   | A14SW (E)                              | 465                          | 2       | 524560<br>331720 |
| 8      | <b>Discharge Consents</b><br>Operator: Mr G Sharples<br>Property Type: Domestic Property (Single)<br>Location: April Rise Boston Road, Gosberton, Spalding, Lincolnshire, Pe11 4nr<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Low River Welland (Spalding)<br>Reference: Prnnf12472<br>Permit Version: 1<br>Effective Date: 17th August 2000<br>Issued Date: 1st September 2000<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Tributary Of Risegate Eau<br><b>Status:</b> New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)<br>Positional Accuracy: Located by supplier to within 10m | A9NW (SE)                              | 474                          | 2       | 524450<br>331550 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 9      | <b>Discharge Consents</b><br>Operator: Mr R Westlake<br>Property Type: Domestic Property (Single)<br>Location: Mataver House Boston Road, Gosberton, Spalding, Lincolnshire, Pe11 4nu<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Low River Welland (Spalding)<br>Reference: Prnnf18053<br>Permit Version: 1<br>Effective Date: 3rd October 2003<br>Issued Date: 9th October 2003<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Trib Of Risegate Eau<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 100m | A14NE (E)                              | 575                          | 2       | 524700<br>332000 |
| 10     | <b>Discharge Consents</b><br>Operator: Monks Hall Farms Ltd<br>Property Type: Arable Farming<br>Location: Monks Hall Gosberton, Spalding, Lincs, Pe11 4nb<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Catchment 29 Unknown Detail<br>Reference: Gwnlf40313<br>Permit Version: 1<br>Effective Date: 1st April 1999<br>Issued Date: 11th July 2000<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharge - Agricultural And Surface<br>Discharge: Onto Land<br>Environment:<br>Receiving Water: Groundwater<br><b>Status:</b> <b>Deemed Groundwater Regulations Authorisation</b><br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                        | A17SE (NW)                             | 610                          | 2       | 523600<br>332600 |
| 11     | <b>Discharge Consents</b><br>Operator: Christopher Ernest Clark<br>Property Type: Arable Farming<br>Location: Beech Tree Farm 73 Westhorpe Road, Gosberton, Spalding, Lincolnshire, Pe11 4en<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Catchment 29 Unknown Detail<br>Reference: Gwnlf40037<br>Permit Version: 1<br>Effective Date: 1st April 1999<br>Issued Date: 7th July 2000<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharge - Agricultural And Surface<br>Discharge: Onto Land<br>Environment:<br>Receiving Water: Groundwater<br><b>Status:</b> <b>Deemed Groundwater Regulations Authorisation</b><br>Positional Accuracy: Located by supplier to within 10m                                                                                                       | A7NE (SW)                              | 720                          | 2       | 523310<br>331400 |
| 12     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Wheel Rite<br>Location: Spalding Road, Gosberton, SPALDING, Lincolnshire, PE11 4HL<br>Authority: South Holland District Council, Environmental Services<br>Permit Reference: Not Supplied<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status:</b> <b>Not Supplied</b><br>Positional Accuracy: Automatically positioned to the address                                                                                                                                                                                                                                                                                                                           | A9NW (SE)                              | 570                          | 3       | 524356<br>331377 |
| 12     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Ken Cars<br>Location: Spalding Road, Gosberton, Spalding, Lincolnshire, PE11 4HL<br>Authority: South Holland District Council, Environmental Services<br>Permit Reference: Not Supplied<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status:</b> <b>Not Supplied</b><br>Positional Accuracy: Automatically positioned to the address                                                                                                                                                                                                                                                                                                                             | A9NW (SE)                              | 570                          | 3       | 524356<br>331377 |
|        | <b>Nearest Surface Water Feature</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A13NE (E)                              | 0                            | -       | 524125<br>331964 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 13     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Spalding District<br>Authority: Environment Agency, Anglian Region<br>Pollutant: Unknown<br>Note: Main Drain<br>Incident Date: 17th November 1993<br>Incident Reference: 1697<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                                  | A18SE (N)                              | 261                          | 2       | 524000<br>332300 |
| 14     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Spalding District<br>Authority: Environment Agency, Anglian Region<br>Pollutant: Unknown<br>Note: Not Supplied<br>Incident Date: 6th June 1992<br>Incident Reference: 1343<br>Catchment Area: Not Given<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                                                   | A8NW (SW)                              | 273                          | 2       | 523800<br>331600 |
| 15     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Spalding District<br>Authority: Environment Agency, Anglian Region<br>Pollutant: Unknown<br>Note: Dyke Near A16<br>Incident Date: 27th April 1992<br>Incident Reference: 1307<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                            | A9NW (SE)                              | 544                          | 2       | 524500<br>331500 |
| 16     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Spalding District<br>Authority: Environment Agency, Anglian Region<br>Pollutant: Unknown<br>Note: Dyke<br>Incident Date: 23rd March 1993<br>Incident Reference: 1534<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m                                                                                                                                                                     | A9NE (SE)                              | 643                          | 2       | 524700<br>331600 |
| 17     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230<br>Permit Version: 101<br>Location: Coll Drain C At Quadrang<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 21st July 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A18SW (NW)                             | 275                          | 2       | 523750<br>332300 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 17     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*s/230<br>Permit Version: Not Supplied<br>Location: Coll Drain, QUADRING, Lincolnshire<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 46<br>Yearly Rate (m3): 750000<br>Details: Status: Time Limit<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                                                                             | A18SW (NW)                             | 275                          | 2       | 523750 332300 |
| 18     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*s/230<br>Permit Version: Not Supplied<br>Location: Marlode Drain, QUADRING, Lincolnshire<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 46<br>Yearly Rate (m3): 750000<br>Details: Status: Time Limit<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                                                                         | A19SE (NE)                             | 846                          | 2       | 524800 332495 |
| 18     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230/R01<br>Permit Version: 1<br>Location: Marlode Drain At Quadrang Spalding<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Quadrang Spalding Lincs<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 19th April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A19SE (NE)                             | 849                          | 2       | 524800 332500 |
| 18     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230/R01<br>Permit Version: 1<br>Location: Marlode Drain At Quadrang<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Storage<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Quadrang Spalding Lincs<br>Authorised Start: 01 January<br>Authorised End: 31 March<br>Permit Start Date: 19th April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                          | A19SE (NE)                             | 849                          | 2       | 524800 332500 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 18     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230<br>Permit Version: 102<br>Location: Marlode Drain At Quadrang Spalding<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Quadrang Spalding Lincs<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 30th June 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A19SE (NE)                             | 849                          | 2       | 524800 332500 |
| 18     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230<br>Permit Version: 102<br>Location: Marlode Drain At Quadrang<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Storage<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Quadrang Spalding Lincs<br>Authorised Start: 01 January<br>Authorised End: 31 March<br>Permit Start Date: 30th June 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m                                          | A19SE (NE)                             | 849                          | 2       | 524800 332500 |
| 18     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230<br>Permit Version: 101<br>Location: Marlode Drain At Quadrang<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Storage<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Temporary<br>Authorised Start: 01 January<br>Authorised End: 31 March<br>Permit Start Date: 1st January 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                               | A19SE (NE)                             | 849                          | 2       | 524800 332500 |
| 18     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*s/230<br>Permit Version: Not Supplied<br>Location: Marlode Drain, QUADRING, Lincolnshire<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Recirculating/Compound<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 46<br>Yearly Rate (m3): 750000<br>Details: Status: Time Limit<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                                                                 | A19SE (NE)                             | 850                          | 2       | 524805 332495 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 19     | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 102<br>Location: Zigzag Drain, Gosberton-Point R<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 March<br>Authorised End: 31 October<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                     | A15SW (E)                              | 929                          | 2       | 525021 331633 |
| 19     | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 102<br>Location: Zigzag Drain, Gosberton-Point R<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Storage<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 November<br>Authorised End: 31 March<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                   | A15SW (E)                              | 929                          | 2       | 525021 331633 |
| 19     | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 101<br>Location: Zigzag Drain, Gosberton-Point R<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 March<br>Authorised End: 31 October<br>Permit Start Date: 28th September 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                | A15SW (E)                              | 929                          | 2       | 525021 331633 |
| 20     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadring) Ltd<br>Licence Number: 5/31/14/*S/0230/R01<br>Permit Version: 1<br>Location: Coll Drain At Quadring Spadling<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Quadring Spalding Lincs<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 19th April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE)                             | 981                          | 2       | 524636 332822 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 20     | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230<br>Permit Version: 102<br>Location: Coll Drain At Quadrang Spadling<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Quadrang Spalding Lincs<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 30th June 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m   | A19NW (NE)                             | 981                          | 2       | 524636 332822 |
|        | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230/R01<br>Permit Version: 1<br>Location: Risegate Eau D - E At Quadrang<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Quadrang Spalding Lincs<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 19th April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A9SE (SE)                              | 1045                         | 2       | 524710 331030 |
|        | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230<br>Permit Version: 102<br>Location: Risegate Eau D - E At Quadrang<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Quadrang Spalding Lincs<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 30th June 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m    | A9SE (SE)                              | 1045                         | 2       | 524710 331030 |
|        | <b>Water Abstractions</b><br>Operator: R Bratley (Quadrang) Ltd<br>Licence Number: 5/31/14/*S/0230<br>Permit Version: 101<br>Location: Risegate Eau D - E At Quadrang<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Agriculture: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 21st July 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m               | A9SE (SE)                              | 1045                         | 2       | 524710 331030 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: R Bratley (Quadring) Ltd<br>Licence Number: 5/31/14/*s/230<br>Permit Version: Not Supplied<br>Location: Risegate Eau, QUADRING, Lincolnshire<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 46<br>Yearly Rate (m3): 750000<br>Details: Status: Time Limit<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                                                                       | A9SE (SE)                              | 1045                         | 2       | 524710 331030 |
|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*s/169<br>Permit Version: Not Supplied<br>Location: Risegate Eau, GOSBERTON<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 100<br>Yearly Rate (m3): 6000000<br>Details: Status: Perpetuity<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                                                                              | A9SE (SE)                              | 1065                         | 2       | 524700 331000 |
|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 102<br>Location: Risegate Eau, Gosberton-Point F<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 March<br>Authorised End: 31 October<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m   | A3SW (S)                               | 1273                         | 2       | 523700 330600 |
|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 102<br>Location: Risegate Eau, Gosberton-Point F<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Storage<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 November<br>Authorised End: 31 March<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A3SW (S)                               | 1273                         | 2       | 523700 330600 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 101<br>Location: Risegate Eau, Gosberton-Point F<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 March<br>Authorised End: 31 October<br>Permit Start Date: 28th September 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A3SW (S)                               | 1273                         | 2       | 523700 330600 |
|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 100<br>Location: Risegate Eau, Gosberton<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Status: Perpetuity<br>Authorised Start: 01 March<br>Authorised End: 31 October<br>Permit Start Date: 1st January 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m       | A3SW (S)                               | 1273                         | 2       | 523700 330600 |
|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 102<br>Location: Risegate Eau, Gosberton-Point S<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 March<br>Authorised End: 31 October<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                        | (E)                                    | 1628                         | 2       | 525700 331465 |
|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 102<br>Location: Risegate Eau, Gosberton-Point S<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Storage<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 November<br>Authorised End: 31 March<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                      | (E)                                    | 1628                         | 2       | 525700 331465 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 101<br>Location: Riseigate Eau, Gosberton-Point S<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 March<br>Authorised End: 31 October<br>Permit Start Date: 28th September 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (E)                                    | 1628                         | 2       | 525700<br>331465 |
|        | <b>Water Abstractions</b><br>Operator: Geest Industries Ltd<br>Licence Number: 5/31/14/*g/001<br>Permit Version: Not Supplied<br>Location: Bore, Town Drove, QUADRING<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 0<br>Yearly Rate (m3): 22730<br>Details: South Lincolnshire Limestone; Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                   | (W)                                    | 1640                         | 2       | 522200<br>332000 |
|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 102<br>Location: Farm Drains-Gosberton-Point K<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 March<br>Authorised End: 31 October<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m         | A1SE<br>(SW)                           | 1748                         | 2       | 522876<br>330426 |
|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 102<br>Location: Farm Drains-Gosberton-Point K<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Storage<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 November<br>Authorised End: 31 March<br>Permit Start Date: 1st April 2017<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m       | A1SE<br>(SW)                           | 1748                         | 2       | 522876<br>330426 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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|        | <b>Water Abstractions</b><br>Operator: Proctor Bros (Gosberton) Ltd<br>Licence Number: 5/31/14/*S/0169<br>Permit Version: 101<br>Location: Farm Drains-Gosberton-Point K<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 March<br>Authorised End: 31 October<br>Permit Start Date: 28th September 2011<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A1SE (SW)                              | 1748                         | 2       | 522876 330426 |
|        | <b>Groundwater Vulnerability</b><br>Soil Classification: Not classified<br>Map Sheet: Sheet 24 North Northamptonshire<br>Scale: 1:100,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SW (NE)                             | 0                            | 2       | 523979 331950 |
|        | <b>Drift Deposits</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                        |                              |         |               |
|        | <b>Bedrock Aquifer Designations</b><br>Aquifer Designation: Unproductive Strata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>Superficial Aquifer Designations</b><br>Aquifer Designation: Unproductive Strata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial/Tidal Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A13NE (NE)                             | 0                            | 2       | 524003 331976 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SW (NE)                             | 0                            | 2       | 523979 331950 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SW (W)                              | 157                          | 2       | 523680 331890 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SW (SW)                             | 179                          | 2       | 523795 331700 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SW (NE)                             | 0                            | 2       | 523979 331950 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SW (W)                              | 157                          | 2       | 523680 331885 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SW (SW)                             | 179                          | 2       | 523795 331700 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SW (S)                              | 231                          | 2       | 523860 331630 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A13SE (SE)                             | 244                          | 2       | 524140 331655 |
|        | <b>Areas Benefiting from Flood Defences</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                        |                              |         |               |
|        | <b>Flood Water Storage Areas</b><br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                        |                              |         |               |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Flood Defences</b><br>None                                                                                                                                                                                                      |                                        |                              |         |                  |
| 21     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 75.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13NE (E)                              | 0                            | 4       | 524125<br>331964 |
| 22     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 316.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NE (N)                              | 2                            | 4       | 524001<br>332022 |
| 23     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 74.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13NE (E)                              | 6                            | 4       | 524132<br>331965 |
| 24     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 116.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NE (E)                              | 9                            | 4       | 524131<br>331991 |
| 25     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 139.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NE (E)                              | 10                           | 4       | 524124<br>331994 |
| 26     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 48.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (E)                              | 13                           | 4       | 524142<br>331893 |
| 27     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 21.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2        | A13NW (NW)                             | 55                           | 4       | 523877<br>332116 |
| 28     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 84.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 60                           | 4       | 524157<br>331843 |
| 29     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 163.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SE (SE)                             | 61                           | 4       | 524171<br>331854 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 30     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 226.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NW (NW)                             | 73                           | 4       | 523884<br>332136 |
| 31     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 79.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (S)                              | 114                          | 4       | 523995<br>331761 |
| 32     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 29.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 121                          | 4       | 524118<br>331771 |
| 33     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 101.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SE (SE)                             | 121                          | 4       | 524146<br>331780 |
| 34     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 47.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 127                          | 4       | 524073<br>331759 |
| 35     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 87.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 127                          | 4       | 524118<br>331771 |
| 36     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 13.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 132                          | 4       | 524073<br>331759 |
| 37     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 37.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 144                          | 4       | 524071<br>331746 |
| 38     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 22.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 144                          | 4       | 524071<br>331746 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 39     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 388.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NE (NE)                             | 156                          | 4       | 524184<br>332129 |
| 40     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 96.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13NE (NE)                             | 160                          | 4       | 524178<br>332135 |
| 41     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 102.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SW (SW)                             | 187                          | 4       | 523793<br>331696 |
| 42     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 8.2<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A13SW (SW)                             | 187                          | 4       | 523793<br>331696 |
| 43     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 132.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NW (N)                              | 190                          | 4       | 523869<br>332253 |
| 44     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 252.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SW (SW)                             | 190                          | 4       | 523798<br>331690 |
| 45     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 4.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A13NW (N)                              | 192                          | 4       | 523873<br>332254 |
| 46     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 36.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13NW (N)                              | 192                          | 4       | 523904<br>332261 |
| 47     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 5.1<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A13NW (N)                              | 193                          | 4       | 523920<br>332254 |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 48     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 417.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NW (N)                              | 195                          | 4       | 523945<br>332257 |
| 49     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 38.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14SW (E)                              | 195                          | 4       | 524326<br>331888 |
| 50     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 8.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A14SW (E)                              | 195                          | 4       | 524326<br>331888 |
| 51     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 303.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NW (N)                              | 202                          | 4       | 523905<br>332266 |
| 52     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 200.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NW (N)                              | 203                          | 4       | 523945<br>332269 |
| 53     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 112.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (E)                              | 203                          | 4       | 524334<br>331888 |
| 54     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 169.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (E)                              | 203                          | 4       | 524334<br>331888 |
| 55     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 39.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 210                          | 4       | 524110<br>331685 |
| 56     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 15.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13NW (NW)                             | 216                          | 4       | 523736<br>332214 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 57     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 8.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A12NE (NW)                             | 252                          | 4       | 523645<br>332121 |
| 58     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 52.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12NE (NW)                             | 255                          | 4       | 523640<br>332114 |
| 59     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 66.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12SE (SW)                             | 257                          | 4       | 523605<br>331780 |
| 60     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 28.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 275                          | 4       | 524273<br>331664 |
| 61     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 61.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13NE (NE)                             | 282                          | 4       | 524228<br>332246 |
| 62     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 202.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (E)                              | 292                          | 4       | 524414<br>332028 |
| 63     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 98.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SE (SE)                             | 296                          | 4       | 524265<br>331636 |
| 64     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 70.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A13SW (SW)                             | 303                          | 4       | 523657<br>331645 |
| 65     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 149.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (E)                              | 307                          | 4       | 524438<br>331884 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 66     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 66.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14SW (E)                              | 307                          | 4       | 524438<br>331884 |
| 67     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 7.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A14SW (SE)                             | 326                          | 4       | 524403<br>331722 |
| 68     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 75.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14SW (SE)                             | 331                          | 4       | 524412<br>331724 |
| 69     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 110.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (SE)                             | 332                          | 4       | 524411<br>331723 |
| 70     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 105.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Coll Drain<br>Catchment Name: Welland<br>Primacy: 2   | A12NE (NW)                             | 332                          | 4       | 523639<br>332281 |
| 71     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 206.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NE (NW)                             | 332                          | 4       | 523644<br>332285 |
| 72     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 257.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Double Dike<br>Catchment Name: Welland<br>Primacy: 2  | A8NE (S)                               | 333                          | 4       | 524006<br>331542 |
| 73     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 186.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (SE)                              | 338                          | 4       | 524323<br>331622 |
| 74     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 139.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (SE)                             | 338                          | 4       | 524428<br>331739 |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 75     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 375.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18SE (N)                              | 340                          | 4       | 524052<br>332365 |
| 76     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 50.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A18SE (NE)                             | 345                          | 4       | 524246<br>332307 |
| 77     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 21.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12SE (SW)                             | 357                          | 4       | 523565<br>331659 |
| 78     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 482.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Coll Drain<br>Catchment Name: Welland<br>Primacy: 2   | A18SE (N)                              | 357                          | 4       | 524075<br>332374 |
| 79     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 228.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (NE)                             | 360                          | 4       | 524339<br>332273 |
| 80     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 1.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A12SE (SW)                             | 361                          | 4       | 523588<br>331629 |
| 81     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 230.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SE (SW)                             | 363                          | 4       | 523587<br>331627 |
| 82     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 12.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12SE (SW)                             | 363                          | 4       | 523587<br>331627 |
| 83     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 357.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SE (SW)                             | 367                          | 4       | 523557<br>331653 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 84     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 191.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (E)                              | 370                          | 4       | 524501<br>331903 |
| 85     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 33.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14SW (E)                              | 370                          | 4       | 524501<br>331903 |
| 86     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 126.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (SE)                             | 374                          | 4       | 524438<br>331687 |
| 87     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 220.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (E)                              | 381                          | 4       | 524511<br>331944 |
| 88     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 205.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18SW (N)                              | 382                          | 4       | 523871<br>332445 |
| 89     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 87.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A8NE (SE)                              | 385                          | 4       | 524242<br>331531 |
| 90     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 1.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A9NW (SE)                              | 390                          | 4       | 524397<br>331615 |
| 91     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 53.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NW (SE)                              | 390                          | 4       | 524398<br>331616 |
| 92     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 92.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14SW (SE)                             | 398                          | 4       | 524439<br>331648 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 93     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 83.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A8NW (S)                               | 417                          | 4       | 523781<br>331456 |
| 94     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 43.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NW (SE)                              | 434                          | 4       | 524325<br>331512 |
| 95     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 11.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NW (SE)                              | 435                          | 4       | 524328<br>331513 |
| 96     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 192.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NW (S)                               | 436                          | 4       | 523786<br>331435 |
| 97     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 73.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NW (SE)                              | 445                          | 4       | 524342<br>331508 |
| 98     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 109.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NE (NW)                             | 455                          | 4       | 523497<br>332291 |
| 99     | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 223.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (E)                              | 455                          | 4       | 524586<br>331915 |
| 100    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 225.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (E)                              | 457                          | 4       | 524579<br>332042 |
| 101    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 13.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14NW (NE)                             | 461                          | 4       | 524541<br>332184 |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 102    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 250.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (NE)                             | 475                          | 4       | 524552<br>332192 |
| 103    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 314.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NW (S)                               | 480                          | 4       | 523793<br>331389 |
| 104    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 284.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (E)                              | 481                          | 4       | 524593<br>331767 |
| 105    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 334.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (E)                              | 483                          | 4       | 524591<br>331754 |
| 106    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 223.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18SW (NW)                             | 485                          | 4       | 523703<br>332510 |
| 107    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 206.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A19SW (NE)                             | 510                          | 4       | 524355<br>332441 |
| 108    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 13.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NW (SE)                              | 518                          | 4       | 524434<br>331480 |
| 109    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 315.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (SE)                              | 525                          | 4       | 524447<br>331480 |
| 110    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 136.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (E)                              | 526                          | 4       | 524633<br>331743 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 111    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 205.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18SW (NW)                             | 531                          | 4       | 523681<br>332551 |
| 112    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 5.9<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A9NW (SE)                              | 538                          | 4       | 524471<br>331483 |
| 113    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 42.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12SW (W)                              | 538                          | 4       | 523309<br>331788 |
| 114    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 449.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (SE)                              | 543                          | 4       | 524476<br>331481 |
| 115    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 175.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NE (W)                              | 545                          | 4       | 523361<br>332195 |
| 116    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 15.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A17SE (NW)                             | 546                          | 4       | 523471<br>332414 |
| 117    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 68.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A17SE (NW)                             | 557                          | 4       | 523534<br>332491 |
| 118    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 47.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A17SE (NW)                             | 567                          | 4       | 523458<br>332430 |
| 119    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 53.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14NE (E)                              | 569                          | 4       | 524695<br>331990 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 120    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 49.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14SE (E)                              | 573                          | 4       | 524676<br>331725 |
| 121    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 197.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (W)                              | 580                          | 4       | 523269<br>331773 |
| 122    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 119.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (W)                              | 580                          | 4       | 523268<br>331775 |
| 123    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 340.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A19SW (NE)                             | 585                          | 4       | 524393<br>332504 |
| 124    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 202.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A19SW (NE)                             | 592                          | 4       | 524624<br>332302 |
| 125    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 7.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A19SW (NE)                             | 592                          | 4       | 524624<br>332302 |
| 126    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 50.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NW (SE)                              | 602                          | 4       | 524416<br>331370 |
| 127    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 35.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A17SE (NW)                             | 604                          | 4       | 523427<br>332451 |
| 128    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 224.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17SE (NW)                             | 605                          | 4       | 523353<br>332342 |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 129    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 55.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A17SE (NW)                             | 613                          | 4       | 523591<br>332598 |
| 130    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 22.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A8SE (S)                               | 615                          | 4       | 524146<br>331280 |
| 131    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 88.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A17SE (NW)                             | 616                          | 4       | 523431<br>332474 |
| 132    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 35.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14NE (E)                              | 621                          | 4       | 524742<br>332054 |
| 133    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 328.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Alldike Lode<br>Catchment Name: Welland<br>Primacy: 2 | A19SW (NE)                             | 628                          | 4       | 524385<br>332556 |
| 134    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 30.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14NE (E)                              | 632                          | 4       | 524754<br>332049 |
| 135    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 302.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (SE)                              | 633                          | 4       | 524362<br>331311 |
| 136    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 4.9<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A17SE (NW)                             | 638                          | 4       | 523407<br>332479 |
| 137    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 462.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17SE (NW)                             | 640                          | 4       | 523539<br>332598 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 138    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 6.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A17SE (NW)                             | 643                          | 4       | 523403<br>332483 |
| 139    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 191.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (SE)                              | 644                          | 4       | 524594<br>331452 |
| 140    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 5.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A12NW (W)                              | 645                          | 4       | 523204<br>332017 |
| 141    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 133.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (E)                              | 645                          | 4       | 524759<br>332104 |
| 142    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 99.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A17SE (NW)                             | 649                          | 4       | 523368<br>332449 |
| 143    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 4.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A17SE (NW)                             | 649                          | 4       | 523399<br>332487 |
| 144    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 7.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A12NW (W)                              | 650                          | 4       | 523199<br>332016 |
| 145    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 46.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NW (SE)                              | 651                          | 4       | 524461<br>331339 |
| 146    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 143.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (W)                              | 651                          | 4       | 523188<br>331839 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 147    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 164.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (W)                              | 651                          | 4       | 523187<br>331846 |
| 148    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 20.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14SE (E)                              | 654                          | 4       | 524760<br>331720 |
| 149    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 4.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A12NW (W)                              | 657                          | 4       | 523191<br>332015 |
| 150    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 15.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2        | A19SW (NE)                             | 658                          | 4       | 524450<br>332557 |
| 151    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 46.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A8SW (S)                               | 661                          | 4       | 523823<br>331201 |
| 152    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 7.1<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A12NW (W)                              | 661                          | 4       | 523187<br>332014 |
| 153    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 196.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (SE)                              | 662                          | 4       | 524620<br>331453 |
| 154    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 7.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A8SW (S)                               | 662                          | 4       | 523785<br>331206 |
| 155    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 256.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (S)                               | 664                          | 4       | 523836<br>331198 |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 156    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 130.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (E)                              | 667                          | 4       | 524788<br>332057 |
| 157    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 66.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Double Dike<br>Catchment Name: Welland<br>Primacy: 2   | A8SW (S)                               | 668                          | 4       | 523788<br>331199 |
| 158    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 18.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12NW (W)                              | 668                          | 4       | 523180<br>332014 |
| 159    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 83.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A8SE (S)                               | 668                          | 4       | 524120<br>331221 |
| 160    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 365.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (E)                              | 672                          | 4       | 524779<br>331721 |
| 161    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 297.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A19SW (NE)                             | 674                          | 4       | 524461<br>332568 |
| 162    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 343.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (E)                              | 676                          | 4       | 524781<br>331715 |
| 163    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 71.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12NW (NW)                             | 683                          | 4       | 523244<br>332283 |
| 164    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 381.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NW (NW)                             | 683                          | 4       | 523244<br>332283 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 165    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 29.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A18NW (N)                              | 700                          | 4       | 523662<br>332725 |
| 166    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 353.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NW (W)                              | 704                          | 4       | 523205<br>332223 |
| 167    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 39.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12NW (W)                              | 704                          | 4       | 523205<br>332223 |
| 168    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 243.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NW (W)                              | 706                          | 4       | 523139<br>332002 |
| 169    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 6.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A12NW (W)                              | 708                          | 4       | 523189<br>332187 |
| 170    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 107.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NW (W)                              | 709                          | 4       | 523187<br>332181 |
| 171    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 268.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17SE (NW)                             | 710                          | 4       | 523361<br>332537 |
| 172    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 59.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14NE (E)                              | 713                          | 4       | 524842<br>331969 |
| 173    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 2.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A14NE (E)                              | 713                          | 4       | 524795<br>332231 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 174    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 88.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14NE (E)                              | 716                          | 4       | 524798<br>332230 |
| 175    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 318.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18NE (N)                              | 719                          | 4       | 524112<br>332746 |
| 176    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 710.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7SE (SW)                              | 724                          | 4       | 523512<br>331237 |
| 177    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 52.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A18NW (N)                              | 726                          | 4       | 523666<br>332754 |
| 178    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 203.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18NW (N)                              | 726                          | 4       | 523666<br>332754 |
| 179    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 750.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18NE (N)                              | 727                          | 4       | 524121<br>332752 |
| 180    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 35.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Double Dike<br>Catchment Name: Welland<br>Primacy: 2         | A8SW (S)                               | 733                          | 4       | 523789<br>331133 |
| 181    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 17.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A14NE (E)                              | 734                          | 4       | 524857<br>332044 |
| 182    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 109.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (E)                              | 735                          | 4       | 524859<br>332027 |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 183    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 76.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12SW (W)                              | 745                          | 4       | 523103<br>331760 |
| 184    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 25.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12SW (W)                              | 745                          | 4       | 523103<br>331760 |
| 185    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 219.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17NE (NW)                             | 746                          | 4       | 523603<br>332752 |
| 186    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 64.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A8SE (S)                               | 755                          | 4       | 524090<br>331127 |
| 187    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 36.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12NW (W)                              | 756                          | 4       | 523090<br>332012 |
| 188    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 173.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (W)                              | 768                          | 4       | 523079<br>331767 |
| 189    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 216.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NW (W)                              | 768                          | 4       | 523085<br>332048 |
| 190    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 111.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NW (W)                              | 768                          | 4       | 523085<br>332051 |
| 191    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 74.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Double Dike<br>Catchment Name: Welland<br>Primacy: 2   | A8SW (S)                               | 769                          | 4       | 523786<br>331097 |

| Map ID | Details                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 192    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 51.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A8SW (S)                               | 777                          | 4       | 523761<br>331093 |
| 193    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 12.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Belchmire Dike<br>Catchment Name: Welland<br>Primacy: 2 | A8SE (S)                               | 790                          | 4       | 524091<br>331092 |
| 194    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 73.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A14NE (E)                              | 797                          | 4       | 524914<br>332102 |
| 195    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 1057.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Mar Lode<br>Catchment Name: Welland<br>Primacy: 2     | A19SE (NE)                             | 797                          | 4       | 524847<br>332323 |
| 196    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 11.7<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Belchmire Dike<br>Catchment Name: Welland<br>Primacy: 2       | A8SE (S)                               | 800                          | 4       | 524085<br>331080 |
| 197    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 307.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A12NW (W)                              | 805                          | 4       | 523077<br>332158 |
| 198    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 32.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A12NW (W)                              | 805                          | 4       | 523077<br>332158 |
| 199    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 61.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Belchmire Dike<br>Catchment Name: Welland<br>Primacy: 2 | A8SE (S)                               | 807                          | 4       | 524061<br>331071 |
| 200    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 4.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2    | A8SE (S)                               | 807                          | 4       | 524061<br>331071 |

| Map ID | Details                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 201    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 356.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Belchmire Dike<br>Catchment Name: Welland<br>Primacy: 2 | A8SE (S)                               | 809                          | 4       | 524078<br>331071 |
| 202    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 207.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Coll Drain<br>Catchment Name: Welland<br>Primacy: 2     | A12NW (W)                              | 813                          | 4       | 523080<br>332190 |
| 203    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 380.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A9NE (SE)                              | 815                          | 4       | 524854<br>331523 |
| 204    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 15.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2          | A9NE (SE)                              | 825                          | 4       | 524770<br>331378 |
| 205    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 80.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2    | A8SE (S)                               | 825                          | 4       | 524065<br>331054 |
| 206    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 52.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2    | A14NE (E)                              | 828                          | 4       | 524944<br>332105 |
| 207    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 40.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2    | A7NW (SW)                              | 834                          | 4       | 523119<br>331467 |
| 208    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 14.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2    | A9NE (SE)                              | 840                          | 4       | 524785<br>331373 |
| 209    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 292.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A12SW (W)                              | 842                          | 4       | 523032<br>331641 |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 210    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 239.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A19NW (NE)                             | 842                          | 4       | 524457<br>332758 |
| 211    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 192.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Alldike Lode<br>Catchment Name: Welland<br>Primacy: 2 | A18NW (N)                              | 848                          | 4       | 523852<br>332910 |
| 212    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 172.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SE (S)                               | 848                          | 4       | 524017<br>331023 |
| 213    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 16.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NE (SE)                              | 849                          | 4       | 524800<br>331377 |
| 214    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 177.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Double Dike<br>Catchment Name: Welland<br>Primacy: 2  | A8SW (S)                               | 849                          | 4       | 523777<br>331018 |
| 215    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 12.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2        | A9NE (SE)                              | 853                          | 4       | 524799<br>331370 |
| 216    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 4.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A17NE (NW)                             | 858                          | 4       | 523456<br>332803 |
| 217    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 244.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17NE (NW)                             | 862                          | 4       | 523455<br>332807 |
| 218    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 78.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A19SE (NE)                             | 863                          | 4       | 524828<br>332485 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 219    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 128.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (SE)                              | 864                          | 4       | 524812<br>331368 |
| 220    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 38.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A15SW (E)                              | 867                          | 4       | 524998<br>331936 |
| 221    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 27.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NE (SE)                              | 867                          | 4       | 524820<br>331375 |
| 222    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 143.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (E)                              | 868                          | 4       | 524958<br>332227 |
| 223    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 39.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9SW (SE)                              | 870                          | 4       | 524640<br>331195 |
| 224    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 377.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NW (W)                              | 870                          | 4       | 522974<br>332003 |
| 225    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 144.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A19SE (NE)                             | 870                          | 4       | 524883<br>332412 |
| 226    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 38.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A19NW (NE)                             | 871                          | 4       | 524587<br>332723 |
| 227    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 418.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Zigzag Drain<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (E)                              | 873                          | 4       | 524969<br>331656 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 228    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 38.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2        | A14NE (E)                              | 873                          | 4       | 524984<br>332139 |
| 229    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 65.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A7NW (SW)                              | 876                          | 4       | 523076<br>331457 |
| 230    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 160.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17SW (NW)                             | 878                          | 4       | 523122<br>332488 |
| 231    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 233.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17SW (NW)                             | 878                          | 4       | 523122<br>332488 |
| 232    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 311.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A19SE (NE)                             | 879                          | 4       | 524881<br>332432 |
| 233    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 208.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (E)                              | 889                          | 4       | 524995<br>332170 |
| 234    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 13.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2        | A15SW (E)                              | 896                          | 4       | 525027<br>331951 |
| 235    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 93.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A9NE (SE)                              | 904                          | 4       | 524858<br>331362 |
| 236    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 8.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A15NW (E)                              | 908                          | 4       | 525015<br>332162 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 237    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 267.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Zigzag Drain<br>Catchment Name: Welland<br>Primacy: 2 | A15SW (E)                              | 909                          | 4       | 525040<br>331947 |
| 238    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 6.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A19NW (NE)                             | 909                          | 4       | 524606<br>332756 |
| 239    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 406.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18NW (N)                              | 911                          | 4       | 523721<br>332958 |
| 240    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 133.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SE (SE)                              | 912                          | 4       | 524673<br>331167 |
| 241    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 232.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17NW (NW)                             | 915                          | 4       | 523184<br>332644 |
| 242    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 10.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Mar Lode<br>Catchment Name: Welland<br>Primacy: 2      | A15NW (E)                              | 916                          | 4       | 525022<br>332167 |
| 243    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 2.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A15NW (E)                              | 916                          | 4       | 525022<br>332167 |
| 244    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 24.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A19NW (NE)                             | 916                          | 4       | 524610<br>332761 |
| 245    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 6.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A18NW (N)                              | 919                          | 4       | 523673<br>332956 |



| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 246    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 5.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Zigzag Drain<br>Catchment Name: Welland<br>Primacy: 2         | A15SW (E)                              | 924                          | 4       | 525016<br>331632 |
| 247    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 136.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17NW (NW)                             | 924                          | 4       | 523168<br>332640 |
| 248    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 505.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Mar Lode<br>Catchment Name: Welland<br>Primacy: 2     | A15NW (E)                              | 925                          | 4       | 525030<br>332174 |
| 249    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 245.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15NW (E)                              | 925                          | 4       | 525030<br>332174 |
| 250    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 3.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2         | A18NW (N)                              | 925                          | 4       | 523667<br>332960 |
| 251    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 192.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18NW (N)                              | 928                          | 4       | 523665<br>332963 |
| 252    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 818.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Zigzag Drain<br>Catchment Name: Welland<br>Primacy: 2 | A15SW (E)                              | 930                          | 4       | 525021<br>331630 |
| 253    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 45.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2  | A11SE (W)                              | 934                          | 4       | 522908<br>331793 |
| 254    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 148.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A17SW (NW)                             | 935                          | 4       | 523084<br>332535 |

| Map ID | Details                                                                                                                                                                                                                              | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|------------------|
| 255    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 283.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A7NW (SW)                              | 936                          | 4       | 523014<br>331445 |
| 256    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 66.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2    | A7NW (SW)                              | 936                          | 4       | 523012<br>331447 |
| 257    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 127.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Belchmire Dike<br>Catchment Name: Welland<br>Primacy: 2 | A3NW (S)                               | 954                          | 4       | 523891<br>330906 |
| 258    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 68.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2    | A17NW (NW)                             | 961                          | 4       | 523210<br>332742 |
| 259    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 708.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A2NE (S)                               | 963                          | 4       | 523577<br>330947 |
| 260    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 268.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A15SW (E)                              | 967                          | 4       | 525099<br>331894 |
| 261    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 170.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A7NW (SW)                              | 972                          | 4       | 522975<br>331441 |
| 262    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 523.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A15SW (E)                              | 974                          | 4       | 525106<br>331922 |
| 263    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 117.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2   | A19NE (NE)                             | 977                          | 4       | 524695<br>332777 |

| Map ID | Details                                                                                                                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
| 264    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 138.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7SW (SW)                              | 983                          | 4       | 523182 331157 |
| 265    | <b>OS Water Network Lines</b><br>Watercourse Form: Inland river<br>Watercourse Length: 112.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (E)                              | 992                          | 4       | 525083 331621 |

| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 266    | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 402211<br>Location: 6 Main Road, Quadring, Lincolnshire, PE11 4PS<br>Operator Name: The R Shop Limited<br>Operator Location: Not Supplied<br>Authority: Environment Agency - Anglian Region, Northern Area<br>Site Category: Vehicle Depollution Facility <5000 tps<br><b>Licence Status: Issued</b><br>Issued: 16th March 2015<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                                                                                                                                                                                                                                                                                                                                                   | A17SW (NW)                             | 918                          | 2       | 523123 332567 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: South Holland District Council<br>- Has no landfill data to supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        | 0                            | 3       | 523979 331950 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Lincolnshire County Council<br>- Had landfill data but passed it to the relevant environment agency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        | 0                            | 5       | 523979 331950 |
| 267    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A13NW (NW)                             | 147                          | -       | 523733 332081 |
| 268    | <b>Potentially Infilled Land (Water)</b><br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1956                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A13SW (SW)                             | 321                          | -       | 523648 331628 |
| 269    | <b>Registered Landfill Sites</b><br>Licence Holder: A L Carter<br>Licence Reference: L 73<br>Site Location: Old Pond, Bowgate, Gosberton, Spalding, Lincolnshire<br>Licence Easting: 523090<br>Licence Northing: 332020<br>Operator Location: 57 Bowgate, Gosberton, Spalding, Lincolnshire<br>Authority: Environment Agency - Anglian Region, Northern Area<br>Site Category: Landfill<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st January 1988<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Lincs Cat. A -Sol.Inert *<br>Prohibited Waste: Poisonous, Noxious, Polluting Wastes | A12NW (W)                              | 658                          | 2       | 523190 332013 |



| Map ID | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------|---------|---------------|
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Kellaways Formation And Oxford Clay Formation (Undifferentiated)                                                                                                                                                                                                                                                                                                                                                          | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg                                                                                                                                 | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
| 270    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Gosberton Brick & Tile Works<br>Location: Not Supplied<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 134972<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Jurassic<br>Geology: Oxford Clay Formation<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A14SW (E)                              | 518                          | 1       | 524649 331870 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>No data available                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                              |         |               |
|        | <b>BGS Urban Soil Chemistry Averages</b><br>No data available                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                              |         |               |
|        | <b>Coal Mining Affected Areas</b><br>In an area that might not be affected by coal mining                                                                                                                                                                                                                                                                                                                                                                                    |                                        |                              |         |               |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>No Hazard                                                                                                                                                                                                                                                                                                                                                                                                                   |                                        |                              |         |               |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                       | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                       | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                       | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                          | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                                       | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                                                                                              | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>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).<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                    | A13SW (NE)                             | 0                            | 1       | 523979 331950 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service                                                                                                                                                                                                                        | A13SW (NE)                             | 0                            | 1       | 523979 331950 |

| Map ID | Details                                                                                                                                                                                                                                                                                                             | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 271    | <b>Contemporary Trade Directory Entries</b><br>Name: A W & W G Waterfall<br>Location: 41, Lowgate, Gosberton, Spalding, Lincolnshire, PE11 4NL<br>Classification: Car Body Repairs<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                       | A13SE (SE)                             | 48                           | -       | 524142 331854 |
| 272    | <b>Contemporary Trade Directory Entries</b><br>Name: Loc King<br>Location: Church St, Gosberton, Spalding, Lincolnshire, PE11 4NF<br>Classification: Safes & Vaults - Suppliers & Installers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location      | A13SW (SW)                             | 94                           | -       | 523762 331834 |
| 273    | <b>Contemporary Trade Directory Entries</b><br>Name: Silverdrive<br>Location: Salem Street, Gosberton, Spalding, Lincolnshire, PE11 4NQ<br>Classification: Electric Motor Sales & Service<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                | A13SW (S)                              | 210                          | -       | 523941 331658 |
| 274    | <b>Contemporary Trade Directory Entries</b><br>Name: Gillick<br>Location: 2, Mill Lane, Gosberton, SPALDING, Lincolnshire, PE11 4NN<br>Classification: Joinery Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                             | A13SE (S)                              | 254                          | -       | 524095 331639 |
| 275    | <b>Contemporary Trade Directory Entries</b><br>Name: Discount Motors<br>Location: 17, High Street, Gosberton, Spalding, Lincolnshire, PE11 4NW<br>Classification: Car Dealers - Used<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                     | A8NE (SE)                              | 443                          | -       | 524269 331479 |
| 276    | <b>Contemporary Trade Directory Entries</b><br>Name: Ken Kars<br>Location: Spalding Road, Gosberton, Spalding, Lincolnshire, PE11 4HL<br>Classification: Petrol Filling Stations<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                         | A9NW (SE)                              | 570                          | -       | 524356 331377 |
| 276    | <b>Contemporary Trade Directory Entries</b><br>Name: Wheelrite<br>Location: 3, Spalding Road, Gosberton, Spalding, Lincolnshire, PE11 4NP<br>Classification: Garage Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                               | A9NW (SE)                              | 608                          | -       | 524384 331347 |
| 276    | <b>Contemporary Trade Directory Entries</b><br>Name: Cpl Distribution<br>Location: 3, Spalding Road, Gosberton, Spalding, Lincolnshire, PE11 4NP<br>Classification: Coal & Smokeless Fuel Merchants & Distributors<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address       | A9NW (SE)                              | 608                          | -       | 524384 331347 |
| 276    | <b>Contemporary Trade Directory Entries</b><br>Name: Reeves Tyre Centre Ltd<br>Location: Spalding Road, Gosberton, Spalding, Lincolnshire, PE11 4HL<br>Classification: Tyre Dealers<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address                                        | A9NW (SE)                              | 619                          | -       | 524361 331326 |
| 277    | <b>Contemporary Trade Directory Entries</b><br>Name: Utopia Prepared Ltd<br>Location: Quadring Rd, Gosberton, Spalding, Lincolnshire, PE11 4NB<br>Classification: Food Products - Manufacturers<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location   | A17SE (NW)                             | 597                          | -       | 523436 332450 |
| 278    | <b>Contemporary Trade Directory Entries</b><br>Name: A P<br>Location: 3, Godfrey Avenue, Gosberton, SPALDING, Lincolnshire, PE11 4HF<br>Classification: Crane Hire, Sales & Service<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                      | A8NE (SE)                              | 622                          | -       | 524262 331292 |
| 279    | <b>Contemporary Trade Directory Entries</b><br>Name: Morris Site Machinery<br>Location: Belchmire Lane, Gosberton, Spalding, Lincolnshire, PE11 4HG<br>Classification: Generators - Sales & Service<br><b>Status:</b> Active<br>Positional Accuracy: Manually positioned to the road within the address or location | A8SE (S)                               | 639                          | -       | 524143 331256 |

| Map ID | Details                                                                                                                                                                                                                                                                                                      | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 279    | <b>Contemporary Trade Directory Entries</b><br>Name: Sandhurst On Power Ltd<br>Location: Belchmire Lane, Gosberton, Spalding, Lincolnshire, PE11 4HG<br>Classification: Generators - Sales & Service<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality | A8SE (S)                               | 641                          | -       | 524157 331256 |
| 280    | <b>Contemporary Trade Directory Entries</b><br>Name: Granthams<br>Location: 6, Main Road, Quadring, Spalding, Lincolnshire, PE11 4PS<br>Classification: Car Breakdown & Recovery Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                         | A17SW (NW)                             | 942                          | -       | 523139 332631 |
| 280    | <b>Contemporary Trade Directory Entries</b><br>Name: Granthams Sand Blasting<br>Location: 6, Main Road, Quadring, Spalding, Lincolnshire, PE11 4PS<br>Classification: Blast Cleaning<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                              | A17SW (NW)                             | 942                          | -       | 523139 332631 |
| 280    | <b>Contemporary Trade Directory Entries</b><br>Name: Granthams Recovery<br>Location: 6, Main Road, Quadring, Spalding, Lincolnshire, PE11 4PS<br>Classification: Car Breakdown & Recovery Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                | A17SW (NW)                             | 942                          | -       | 523139 332631 |
| 280    | <b>Contemporary Trade Directory Entries</b><br>Name: Granthams Crane Hire<br>Location: 6, Main Road, Quadring, Spalding, Lincolnshire, PE11 4PS<br>Classification: Crane Hire, Sales & Service<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                    | A17SW (NW)                             | 942                          | -       | 523139 332631 |
| 281    | <b>Fuel Station Entries</b><br>Name: Kenkars<br>Location: Spalding Road, Gosberton, Spalding, Lincolnshire, PE11 4HL<br>Brand: Obsolete<br>Premises Type: Not Applicable<br><b>Status: Obsolete</b><br>Positional Accuracy: Automatically positioned to the address                                          | A9NW (SE)                              | 570                          | -       | 524356 331377 |
| 281    | <b>Fuel Station Entries</b><br>Name: Wheelrite<br>Location: Spalding Road, Gosberton, Spalding, Lincolnshire, PE11 4NP<br>Brand: Uk<br>Premises Type: Petrol Station<br><b>Status: Open</b><br>Positional Accuracy: Manually positioned to the address or location                                           | A9NW (SE)                              | 597                          | -       | 524382 331359 |
| 282    | <b>Points of Interest - Commercial Services</b><br>Name: A W & W G Waterfall<br>Location: 41 Lowgate, Gosberton, Spalding, PE11 4NL<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                         | A13SE (SE)                             | 42                           | 6       | 524139 331859 |
| 282    | <b>Points of Interest - Commercial Services</b><br>Name: A W & W G Waterfall<br>Location: 41 Lowgate, Gosberton, Spalding, PE11 4NL<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                         | A13SE (SE)                             | 48                           | 6       | 524142 331854 |
| 283    | <b>Points of Interest - Commercial Services</b><br>Name: Dash of Colour<br>Location: 40 Mill Lane, Gosberton, Spalding, PE11 4NN<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                            | A14SW (SE)                             | 275                          | 6       | 524330 331712 |
| 284    | <b>Points of Interest - Commercial Services</b><br>Name: Wheelrite<br>Location: Spalding Road, Gosberton, Spalding, PE11 4HL<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location                                | A9NW (SE)                              | 601                          | 6       | 524384 331355 |

| Map ID | Details                                                                                                                                                                                                                                                               | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 285    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Fred Booth<br>Location: Boston Road, Gosberton, Spalding, PE11 4NU<br>Category: Farming<br>Class Code: Arable Farming<br>Positional Accuracy: Positioned to address or location                     | A14NE (E)                              | 648                          | 6       | 524767 332071 |
| 285    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tanks<br>Location: PE11<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                       | A14NE (E)                              | 694                          | 6       | 524811 332092 |
| 286    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Works<br>Location: Not Supplied<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location                | A8SE (S)                               | 655                          | 6       | 524201 331249 |
| 287    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Beech Tree Farms<br>Location: 73 Westhorpe Road, Gosberton, Spalding, PE11 4EN<br>Category: Farming<br>Class Code: Arable Farming<br>Positional Accuracy: Positioned to address or location         | A7NW (SW)                              | 784                          | 6       | 523153 331507 |
| 287    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Beech Tree Farms<br>Location: 73 Westhorpe Road, Gosberton, Spalding, PE11 4EN<br>Category: Farming<br>Class Code: Arable Farming<br>Positional Accuracy: Positioned to address or location         | A7NW (SW)                              | 785                          | 6       | 523152 331506 |
| 288    | <b>Points of Interest - Manufacturing and Production</b><br>Name: Tank<br>Location: PE11<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location                                        | A14NE (E)                              | 835                          | 6       | 524957 332054 |
| 289    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cemetery<br>Location: Not Supplied<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location               | A8NW (S)                               | 476                          | 6       | 523861 331385 |
| 289    | <b>Points of Interest - Public Infrastructure</b><br>Name: Cemetery<br>Location: PE11<br>Category: Infrastructure and Facilities<br>Class Code: Cemeteries and Crematoria<br>Positional Accuracy: Positioned to an adjacent address or location                       | A8NW (S)                               | 476                          | 6       | 523880 331384 |
| 290    | <b>Points of Interest - Public Infrastructure</b><br>Name: Sewage Pump House<br>Location: PE11<br>Category: Infrastructure and Facilities<br>Class Code: Waste Storage, Processing and Disposal<br>Positional Accuracy: Positioned to an adjacent address or location | A12NE (W)                              | 513                          | 6       | 523349 332051 |
| 291    | <b>Points of Interest - Public Infrastructure</b><br>Name: Wheelrite<br>Location: Spalding Road, Gosberton, Spalding, PE11 4HL<br>Category: Road And Rail<br>Class Code: Petrol and Fuel Stations<br>Positional Accuracy: Positioned to address or location           | A9NW (SE)                              | 597                          | 6       | 524382 331359 |
| 292    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: High Street, PE11<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location                                          | A8NE (SE)                              | 421                          | 6       | 524201 331485 |
| 292    | <b>Points of Interest - Recreational and Environmental</b><br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location                                   | A8NE (SE)                              | 426                          | 6       | 524201 331480 |



| Map ID | Details                                                                                                                            | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 293    | <b>Nitrate Vulnerable Zones</b><br>Name: Risegate Eau Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office | A13SW (NE)                             | 0                            | 7       | 523979<br>331950 |

| Agency & Hydrological                                                                                                                                                                                                                                          | Version                                     | Update Cycle                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------|
| <b>Contaminated Land Register Entries and Notices</b><br>South Kesteven District Council - Environmental Health<br>Boston Borough Council - Pollutions Section, Environmental Health<br>South Holland District Council - Environmental Services                | April 2015<br>February 2015<br>October 2013 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - Anglian Region                                                                                                                                                                                               | January 2018                                | Quarterly                                                               |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - Anglian Region                                                                                                                                                                              | March 2013                                  | As notified                                                             |
| <b>Integrated Pollution Controls</b><br>Environment Agency - Anglian Region                                                                                                                                                                                    | October 2008                                | Variable                                                                |
| <b>Integrated Pollution Prevention And Control</b><br>Environment Agency - Anglian Region                                                                                                                                                                      | January 2018                                | Quarterly                                                               |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>South Kesteven District Council - Environmental Health<br>Boston Borough Council - Pollutions Section, Environmental Health<br>South Holland District Council - Environmental Services   | April 2014<br>December 2014<br>October 2014 | Variable<br>Variable<br>Variable                                        |
| <b>Local Authority Pollution Prevention and Controls</b><br>South Kesteven District Council - Environmental Health<br>Boston Borough Council - Pollutions Section, Environmental Health<br>South Holland District Council - Environmental Services             | April 2014<br>December 2014<br>October 2014 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>South Kesteven District Council - Environmental Health<br>Boston Borough Council - Pollutions Section, Environmental Health<br>South Holland District Council - Environmental Services | April 2014<br>December 2014<br>October 2014 | Variable<br>Variable<br>Variable                                        |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey                                                                                                                                                                                                        | September 2017                              |                                                                         |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - Anglian Region                                                                                                                                                                         | September 1999                              | Not Applicable                                                          |
| <b>Prosecutions Relating to Authorised Processes</b><br>Environment Agency - Anglian Region                                                                                                                                                                    | March 2013                                  | As notified                                                             |
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - Anglian Region                                                                                                                                                                       | March 2013                                  | As notified                                                             |
| <b>Registered Radioactive Substances</b><br>Environment Agency - Anglian Region                                                                                                                                                                                | January 2015                                |                                                                         |
| <b>River Quality</b><br>Environment Agency - Head Office                                                                                                                                                                                                       | November 2001                               | Not Applicable                                                          |
| <b>River Quality Biology Sampling Points</b><br>Environment Agency - Head Office                                                                                                                                                                               | July 2012                                   | Annually                                                                |
| <b>River Quality Chemistry Sampling Points</b><br>Environment Agency - Head Office                                                                                                                                                                             | July 2012                                   | Annually                                                                |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency - Anglian Region - Northern Area                                                                                                                                                        | January 2018                                | Quarterly                                                               |
| <b>Water Abstractions</b><br>Environment Agency - Anglian Region                                                                                                                                                                                               | January 2018                                | Quarterly                                                               |
| <b>Water Industry Act Referrals</b><br>Environment Agency - Anglian Region                                                                                                                                                                                     | October 2017                                | Quarterly                                                               |
| <b>Groundwater Vulnerability</b><br>Environment Agency - Head Office                                                                                                                                                                                           | April 2015                                  | Not Applicable                                                          |
| <b>Drift Deposits</b><br>Environment Agency - Head Office                                                                                                                                                                                                      | January 1999                                | Not Applicable                                                          |

| Agency & Hydrological                                                                                                 | Version       | Update Cycle |
|-----------------------------------------------------------------------------------------------------------------------|---------------|--------------|
| <b>Bedrock Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service            | August 2015   | As notified  |
| <b>Superficial Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service        | August 2015   | As notified  |
| <b>Source Protection Zones</b><br>Environment Agency - Head Office                                                    | January 2018  | Quarterly    |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                       | February 2018 | Quarterly    |
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office                               | February 2018 | Quarterly    |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office                                       | February 2018 | Quarterly    |
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office                                                  | February 2018 | Quarterly    |
| <b>Flood Defences</b><br>Environment Agency - Head Office                                                             | February 2018 | Quarterly    |
| <b>OS Water Network Lines</b><br>Ordnance Survey                                                                      | January 2018  | Quarterly    |
| <b>Surface Water 1 in 30 year Flood Extent</b><br>Environment Agency - Head Office                                    | October 2013  | As notified  |
| <b>Surface Water 1 in 100 year Flood Extent</b><br>Environment Agency - Head Office                                   | October 2013  | As notified  |
| <b>Surface Water 1 in 1000 year Flood Extent</b><br>Environment Agency - Head Office                                  | October 2013  | As notified  |
| <b>Surface Water Suitability</b><br>Environment Agency - Head Office                                                  | October 2013  | As notified  |
| <b>BGS Groundwater Flooding Susceptibility</b><br>British Geological Survey - National Geoscience Information Service | May 2013      | As notified  |

| Waste                                                                                                                                                                                                                                                                   | Version                                                       | Update Cycle                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------|
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service                                                                                                                                                               | June 1996                                                     | Not Applicable                                                       |
| <b>Historical Landfill Sites</b><br>Environment Agency - Head Office                                                                                                                                                                                                    | April 2018                                                    | Quarterly                                                            |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - Anglian Region                                                                                                                                                                       | October 2008                                                  | Not Applicable                                                       |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - Anglian Region - Northern Area                                                                                                                                                | April 2018                                                    | Quarterly                                                            |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - Anglian Region - Northern Area                                                                                                                                                          | January 2018                                                  | Quarterly                                                            |
| <b>Local Authority Landfill Coverage</b><br>Boston Borough Council - Pollutions Section, Environmental Health<br>Lincolnshire County Council<br>South Holland District Council - Environmental Services<br>South Kesteven District Council - Environmental Health       | May 2000<br>May 2000<br>May 2000<br>May 2000                  | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Local Authority Recorded Landfill Sites</b><br>Boston Borough Council - Pollutions Section, Environmental Health<br>Lincolnshire County Council<br>South Holland District Council - Environmental Services<br>South Kesteven District Council - Environmental Health | June 2003<br>May 2000<br>May 2000<br>May 2000                 | Not Applicable<br>Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Potentially Infilled Land (Non-Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                      | December 1999                                                 | Not Applicable                                                       |
| <b>Potentially Infilled Land (Water)</b><br>Landmark Information Group Limited                                                                                                                                                                                          | December 1999                                                 | Not Applicable                                                       |
| <b>Registered Landfill Sites</b><br>Environment Agency - Anglian Region - Northern Area                                                                                                                                                                                 | March 2003                                                    | Not Applicable                                                       |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - Anglian Region - Northern Area                                                                                                                                                                           | March 2003                                                    | Not Applicable                                                       |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - Anglian Region - Northern Area                                                                                                                                                              | March 2003                                                    | Not Applicable                                                       |
| Hazardous Substances                                                                                                                                                                                                                                                    | Version                                                       | Update Cycle                                                         |
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive                                                                                                                                                                                   | September 2017                                                | Bi-Annually                                                          |
| <b>Explosive Sites</b><br>Health and Safety Executive                                                                                                                                                                                                                   | March 2017                                                    | Variable                                                             |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive                                                                                                                                                               | November 2000                                                 | Not Applicable                                                       |
| <b>Planning Hazardous Substance Enforcements</b><br>Boston Borough Council - Planning Department<br>South Kesteven District Council<br>South Holland District Council<br>Lincolnshire County Council - Highways and Planning Department                                 | February 2016<br>February 2016<br>January 2016<br>June 2010   | Variable<br>Variable<br>Variable<br>Variable                         |
| <b>Planning Hazardous Substance Consents</b><br>Lincolnshire County Council - Highways and Planning Department<br>Boston Borough Council - Planning Department<br>South Kesteven District Council<br>South Holland District Council                                     | August 2007<br>February 2016<br>February 2016<br>January 2016 | Variable<br>Variable<br>Variable<br>Variable                         |



| Geological                                                                                                                                      | Version       | Update Cycle   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service                                       | January 2009  | Not Applicable |
| <b>BGS Estimated Soil Chemistry</b><br>British Geological Survey - National Geoscience Information Service                                      | October 2015  | As notified    |
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service                                        | May 2018      | Bi-Annually    |
| <b>CBSCB Compensation District</b><br>Cheshire Brine Subsidence Compensation Board (CBSCB)                                                      | August 2011   | Not Applicable |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Property Searches                                                                     | March 2014    | As notified    |
| <b>Mining Instability</b><br>Ove Arup & Partners                                                                                                | October 2000  | Not Applicable |
| <b>Non Coal Mining Areas of Great Britain</b><br>British Geological Survey - National Geoscience Information Service                            | May 2015      | Not Applicable |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | June 2015     | As notified    |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | June 2015     | As notified    |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                | June 2015     | As notified    |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                  | June 2015     | As notified    |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service               | June 2015     | As notified    |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service | June 2015     | As notified    |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service                            | July 2011     | As notified    |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service                       | July 2011     | As notified    |
| Industrial Land Use                                                                                                                             | Version       | Update Cycle   |
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories                                                                              | February 2018 | Quarterly      |
| <b>Fuel Station Entries</b><br>Catalist Ltd - Experian                                                                                          | April 2018    | Quarterly      |
| <b>Gas Pipelines</b><br>National Grid                                                                                                           | July 2014     | Quarterly      |
| <b>Points of Interest - Commercial Services</b><br>PointX                                                                                       | March 2018    | Quarterly      |
| <b>Points of Interest - Education and Health</b><br>PointX                                                                                      | March 2018    | Quarterly      |
| <b>Points of Interest - Manufacturing and Production</b><br>PointX                                                                              | March 2018    | Quarterly      |
| <b>Points of Interest - Public Infrastructure</b><br>PointX                                                                                     | March 2018    | Quarterly      |
| <b>Points of Interest - Recreational and Environmental</b><br>PointX                                                                            | March 2018    | Quarterly      |
| <b>Underground Electrical Cables</b><br>National Grid                                                                                           | December 2015 | Bi-Annually    |

| Sensitive Land Use                                                                                                                                | Version                       | Update Cycle   |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------|
| <b>Ancient Woodland</b><br>Natural England                                                                                                        | October 2017                  | Bi-Annually    |
| <b>Areas of Outstanding Natural Beauty</b><br>Natural England                                                                                     | February 2018                 | Bi-Annually    |
| <b>Environmentally Sensitive Areas</b><br>Natural England                                                                                         | January 2017                  |                |
| <b>Forest Parks</b><br>Forestry Commission                                                                                                        | April 1997                    | Not Applicable |
| <b>Local Nature Reserves</b><br>Natural England                                                                                                   | February 2018                 | Bi-Annually    |
| <b>Marine Nature Reserves</b><br>Natural England                                                                                                  | January 2018                  | Bi-Annually    |
| <b>National Nature Reserves</b><br>Natural England                                                                                                | February 2018                 | Bi-Annually    |
| <b>National Parks</b><br>Natural England                                                                                                          | April 2017                    | Bi-Annually    |
| <b>Nitrate Vulnerable Zones</b><br>Environment Agency - Head Office<br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | December 2017<br>October 2015 | Bi-Annually    |
| <b>Ramsar Sites</b><br>Natural England                                                                                                            | February 2018                 | Bi-Annually    |
| <b>Sites of Special Scientific Interest</b><br>Natural England                                                                                    | February 2018                 | Bi-Annually    |
| <b>Special Areas of Conservation</b><br>Natural England                                                                                           | January 2018                  | Bi-Annually    |
| <b>Special Protection Areas</b><br>Natural England                                                                                                | February 2018                 | Bi-Annually    |

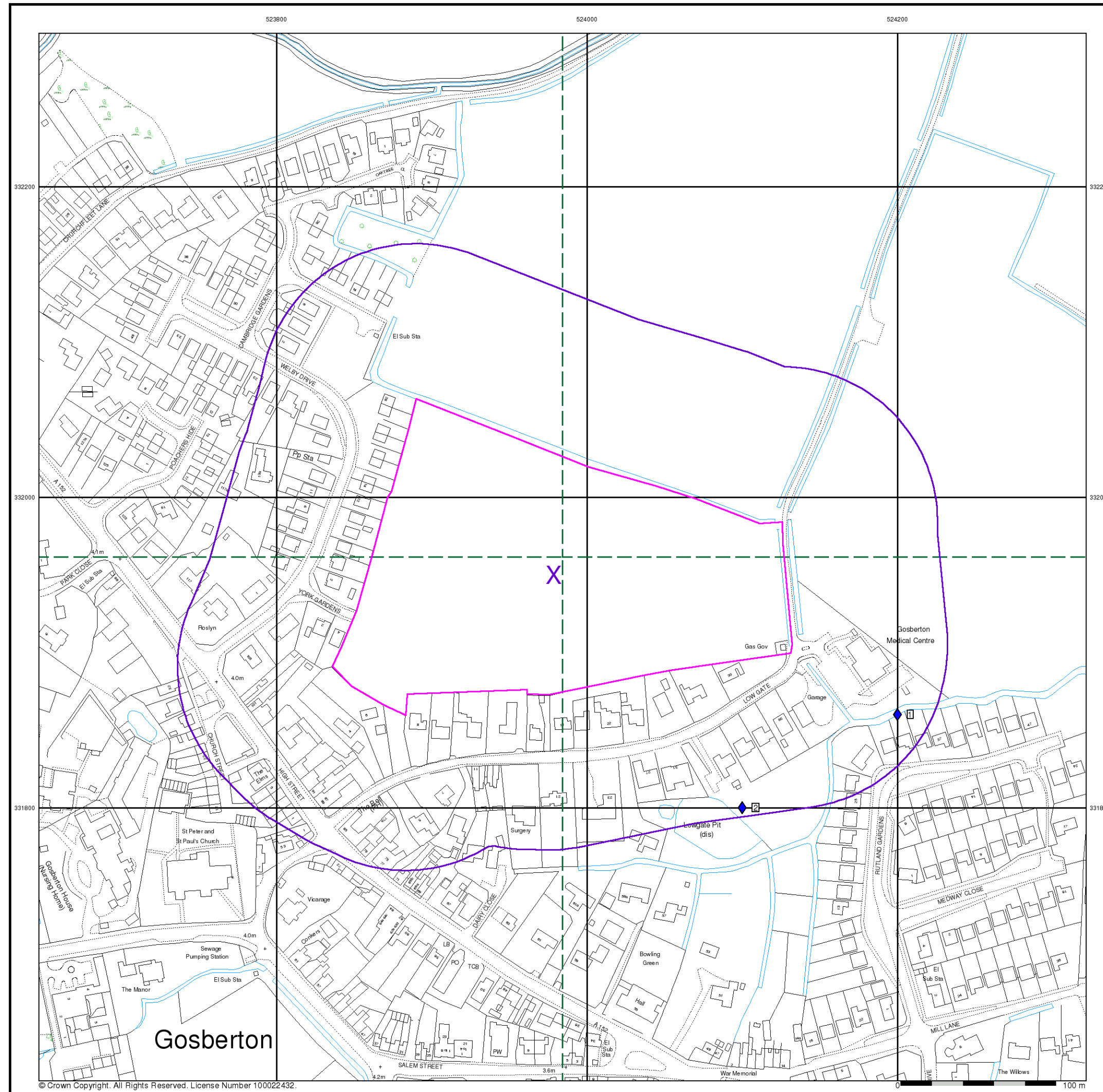
A selection of organisations who provide data within this report

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

| Contact | Name and Address                                                                                                                                                  | Contact Details                                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Environmental Science Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
| 2       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY                                              | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk                                                          |
| 3       | <b>South Holland District Council - Environmental Services</b><br>Council Offices, Priory Road, Spalding, Lincolnshire, PE11 2XE                                  | Website: www.sholland.gov.uk                                                                                                    |
| 4       | <b>Ordnance Survey</b><br>Adanac Drive, Southampton, Hampshire, SO16 0AS                                                                                          | Telephone: 03456 05 05 05<br>Email: customerservices@ordnancesurvey.co.uk<br>Website: www.ordnancesurvey.gov.uk                 |
| 5       | <b>Lincolnshire County Council</b><br>4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN                                                                        | Telephone: 01522 552222<br>Fax: 01522 552288<br>Email: PublicRelations@lincolnshire.gov.uk<br>Website: www.lincolnshire.gov.uk  |
| 6       | <b>PointX</b><br>7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY                                                                                         | Website: www.pointx.co.uk                                                                                                       |
| 7       | <b>Environment Agency - Head Office</b><br>Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon,<br>BS32 4UD                                        | Telephone: 01454 624400<br>Fax: 01454 624409                                                                                    |
| -       | <b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ                   | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org                             |
| -       | <b>Landmark Information Group Limited</b><br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD                                                                  | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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





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### General

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

### Agency and Hydrological

- Several of Type at Location
- Pylon
- Overhead Transmission Line
- 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
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

### Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement
- BGS Recorded Mineral Site

### Geological

- BGS Recorded Mineral Site

### Site Sensitivity Map - Segment A13

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 165653517_1_1  |
| Customer Ref:            | 42727          |
| National Grid Reference: | 523980, 331950 |
| Slice:                   | A              |
| Site Area (Ha):          | 3.79           |
| Plot Buffer (m):         | 100            |

### Site Details

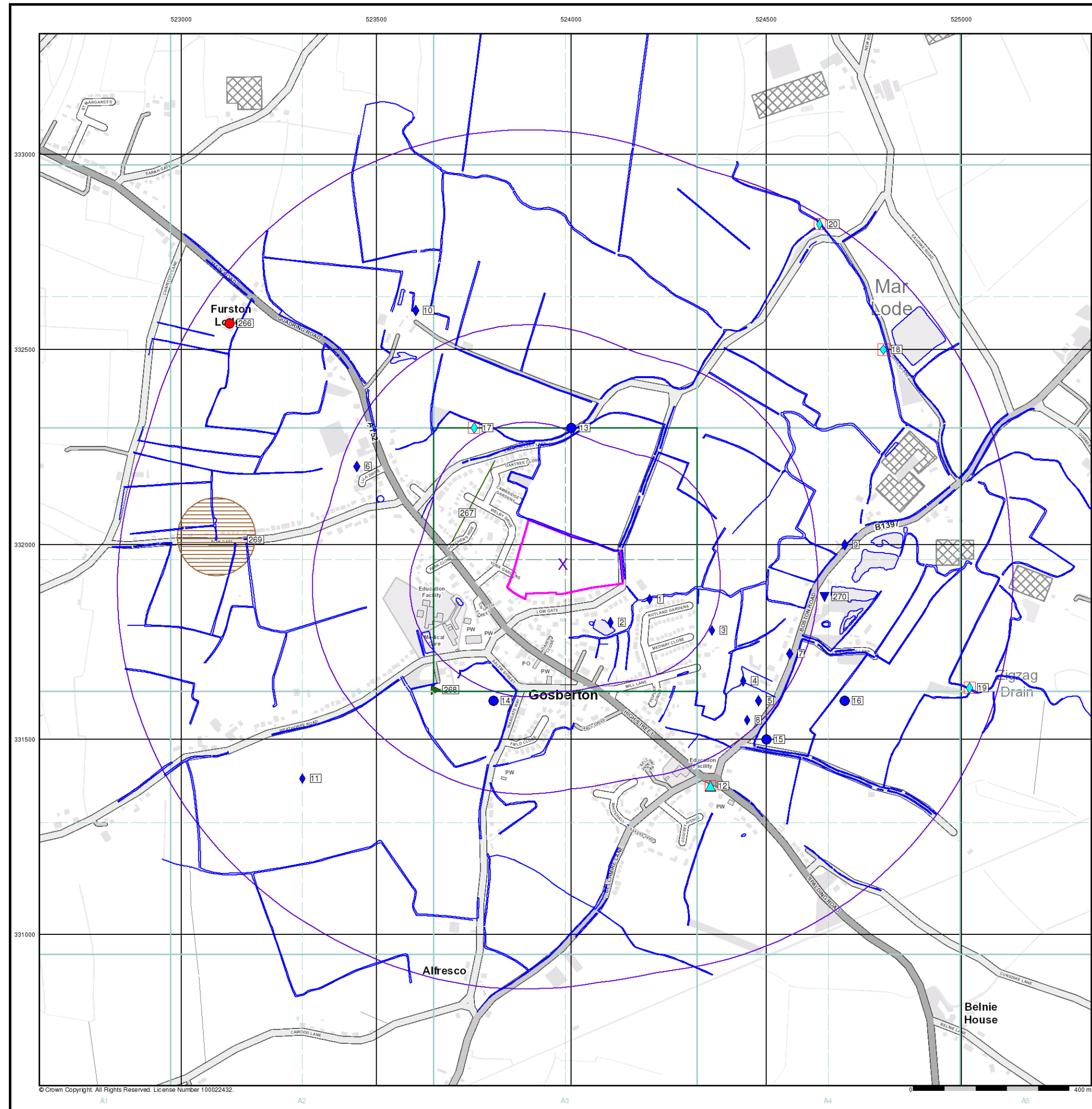
Site at 523970, 331970

## Landmark®

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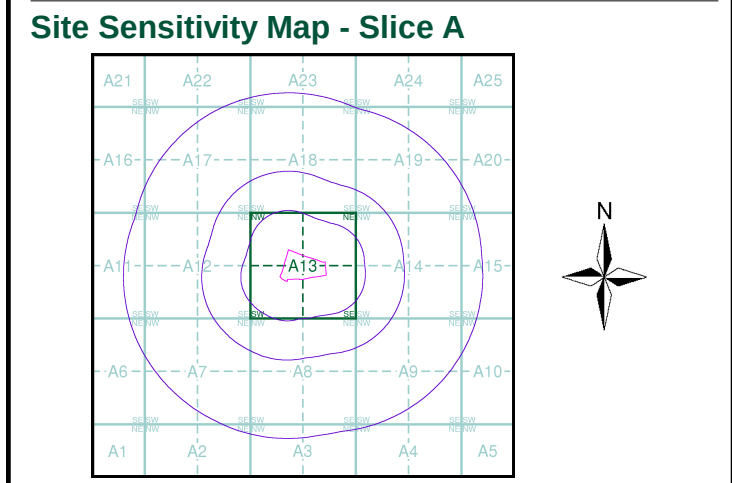
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A Landmark Information Group Service v50.0 09-May-2018 Page 1 of 1



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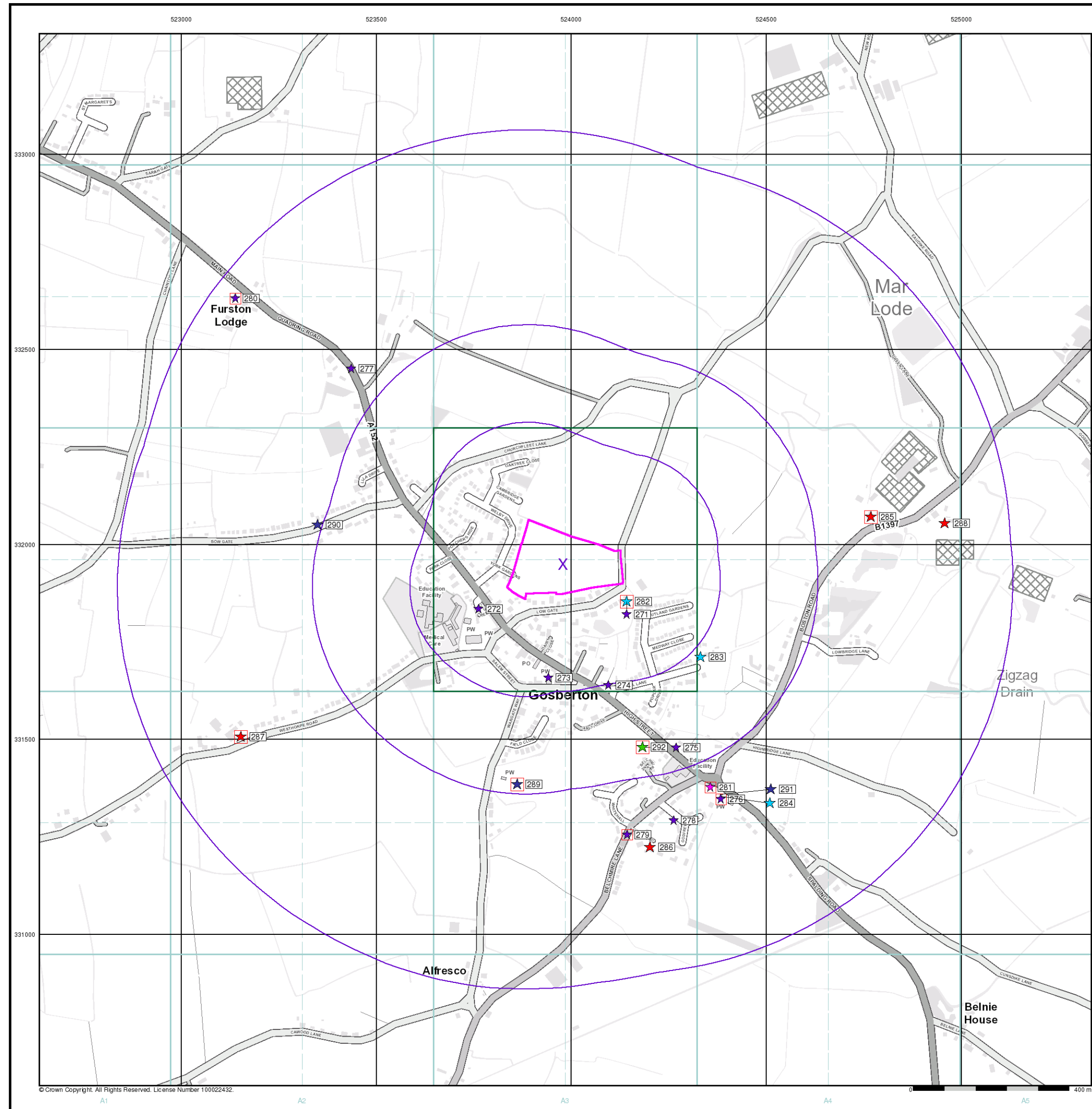
- General**
  - Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
  - Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition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



**Order Details**  
Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

**Site Details**  
Site at 523970, 331970





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## Industrial Land Use Map

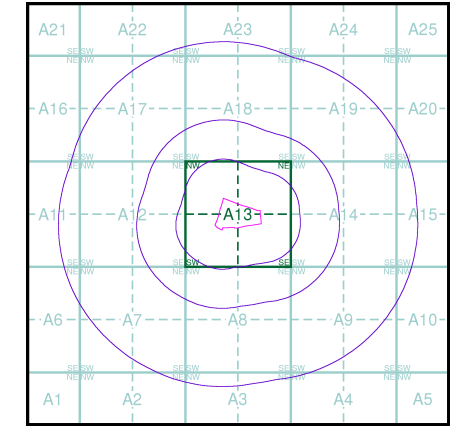
### General

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

### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

## Industrial Land Use Map - Slice A



### Order Details

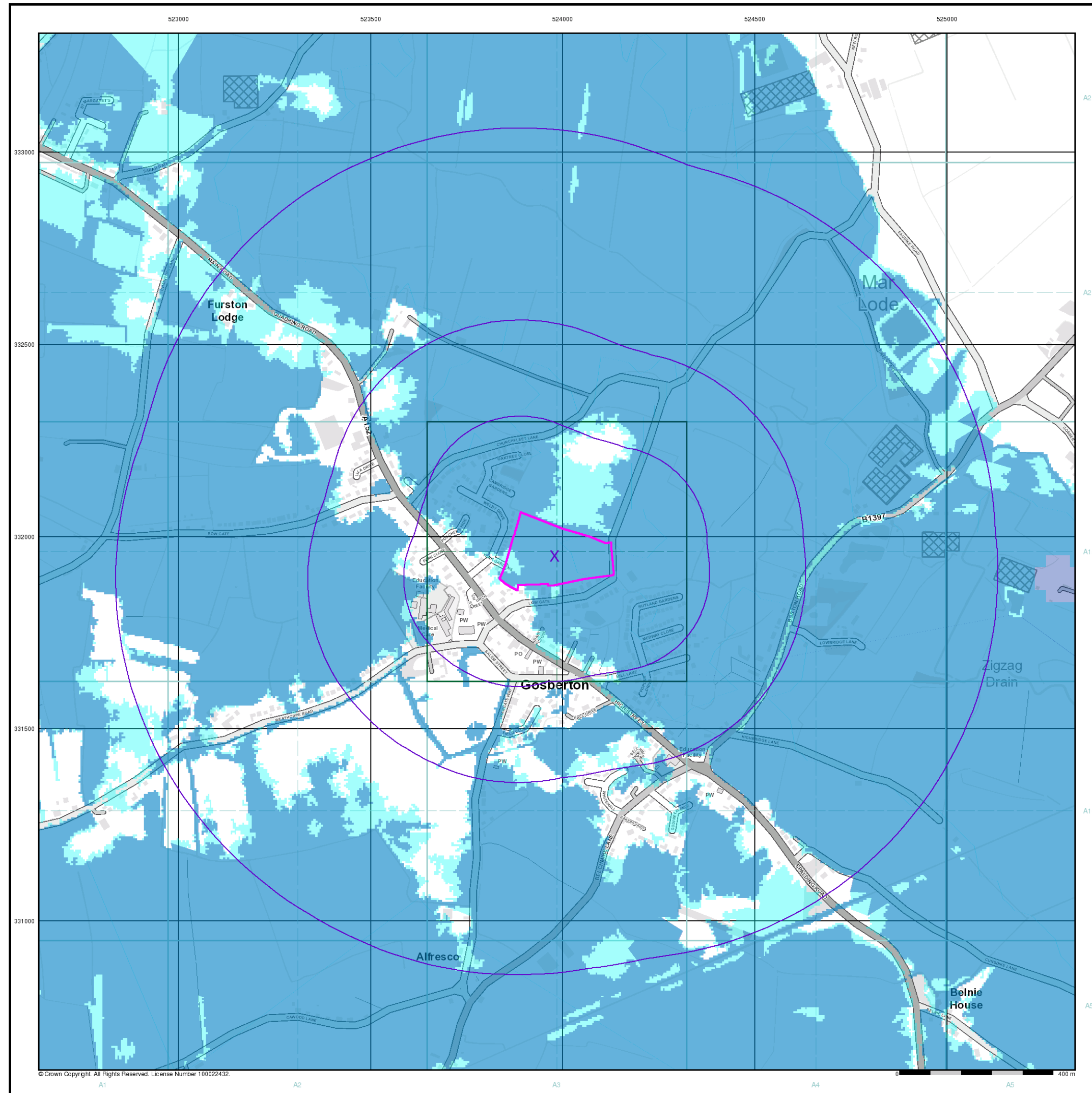
Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

### Site Details

Site at 523970, 331970

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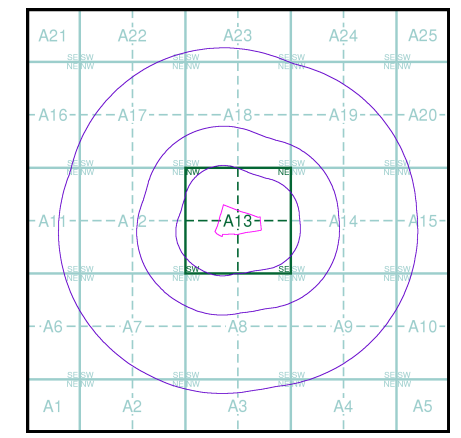
## General

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

## Agency and Hydrological (Flood)

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

## Flood Map - Slice A



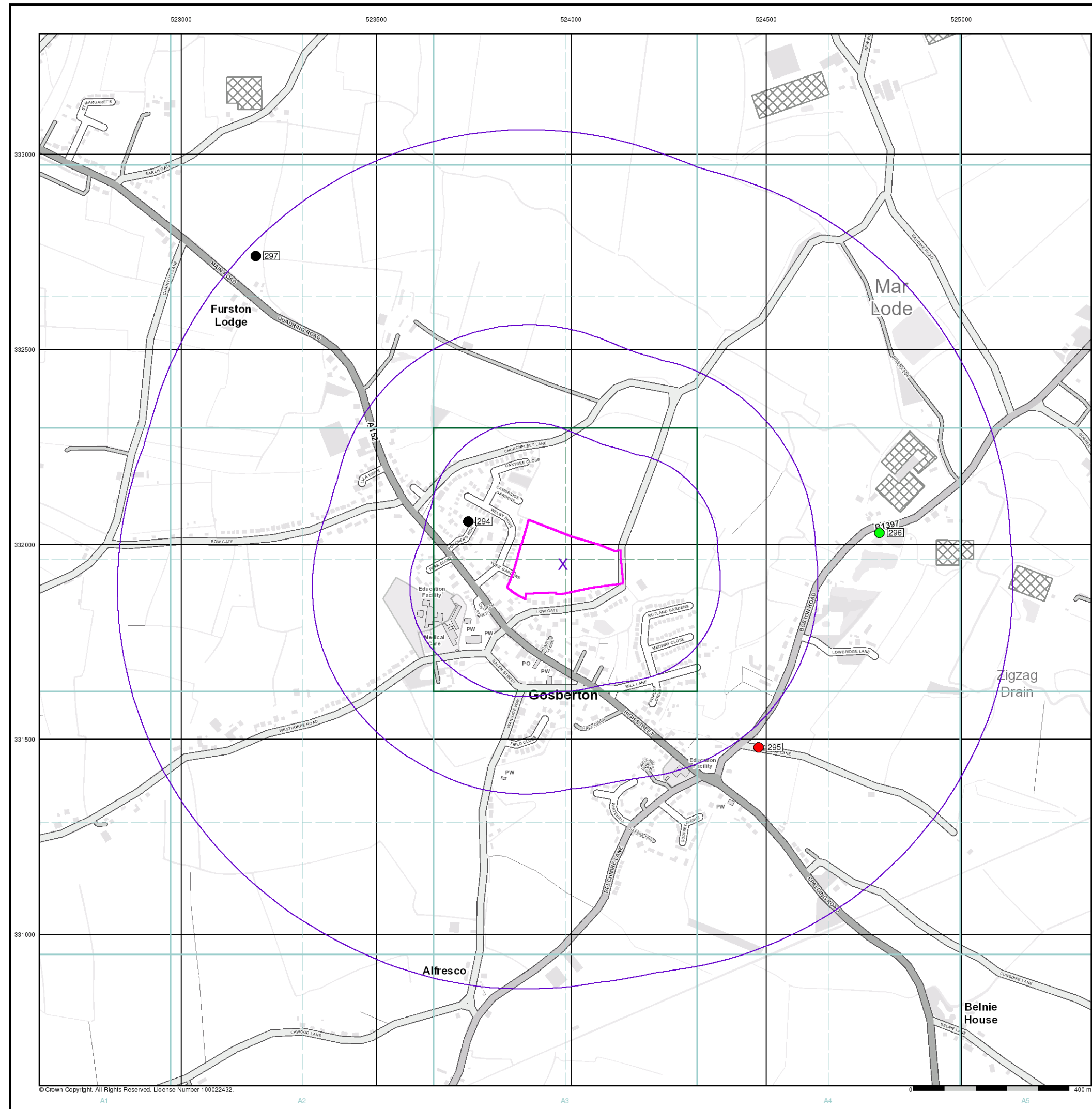
## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

## Site Details

Site at 523970, 331970





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## General

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

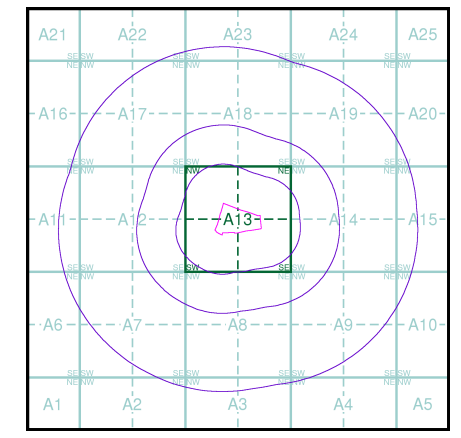
## Agency and Hydrological (Boreholes)

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

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

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

## Borehole Map - Slice A

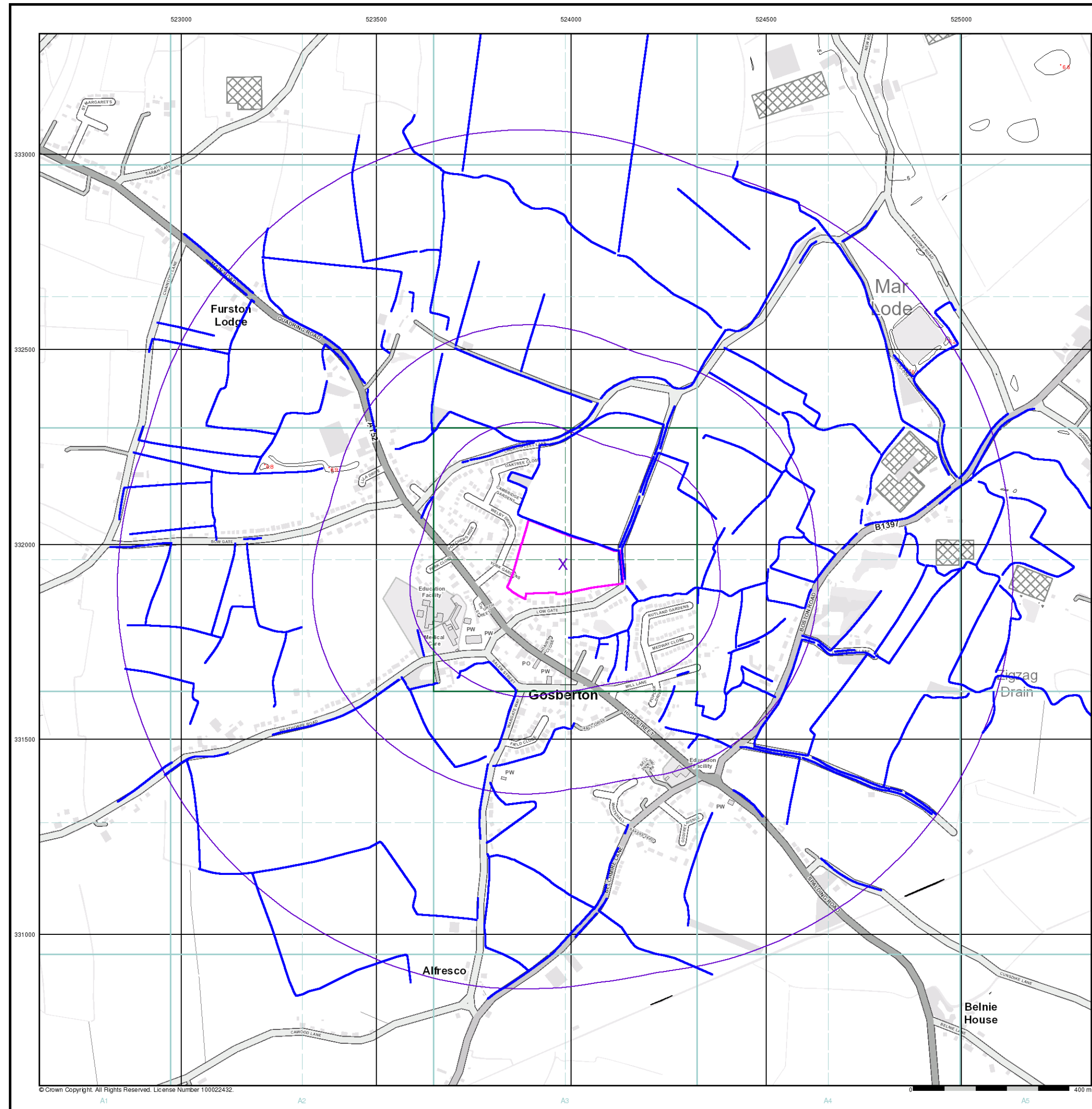


## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

## Site Details

Site at 523970, 331970



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## General

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

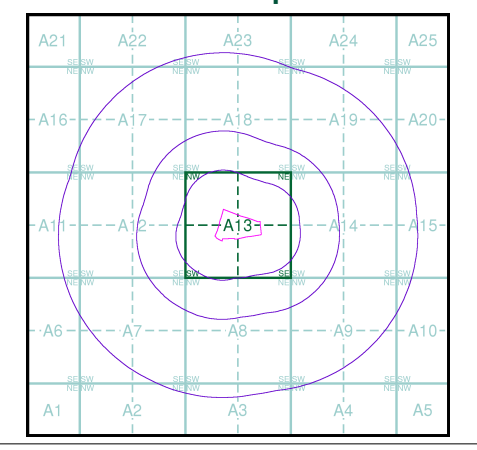
## OS Water Network Data

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

## Contours (height in meters)

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

## OS Water Network Map - Slice A



## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

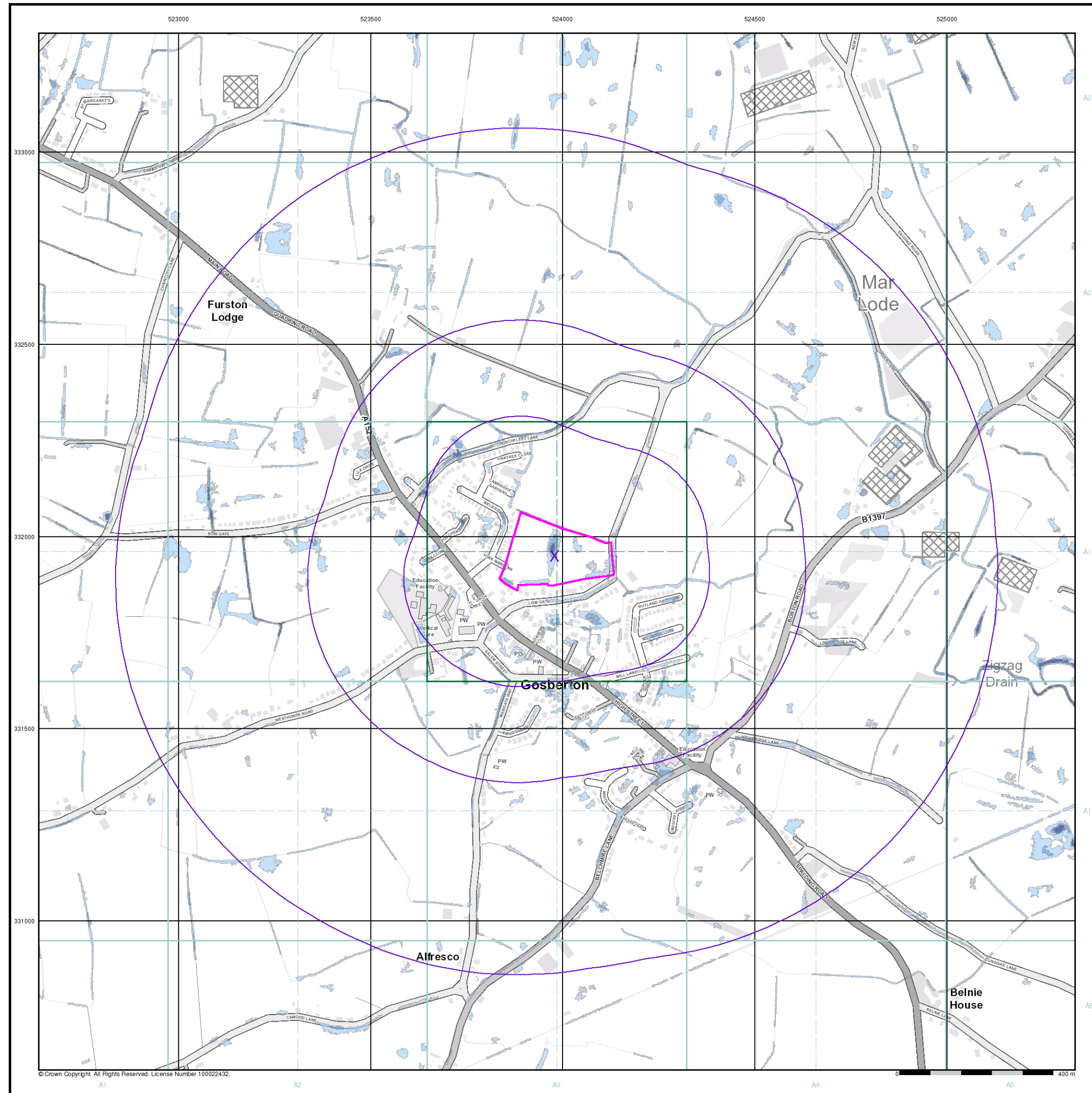
## Site Details

Site at 523970, 331970

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## General

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

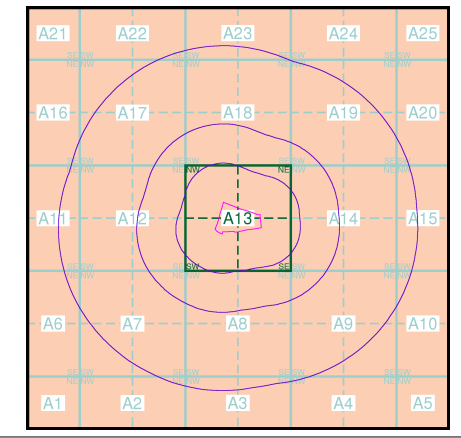
## Risk of Flooding from Surface Water

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

## Suitability

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

## EAN/RW Suitability Map - Slice A

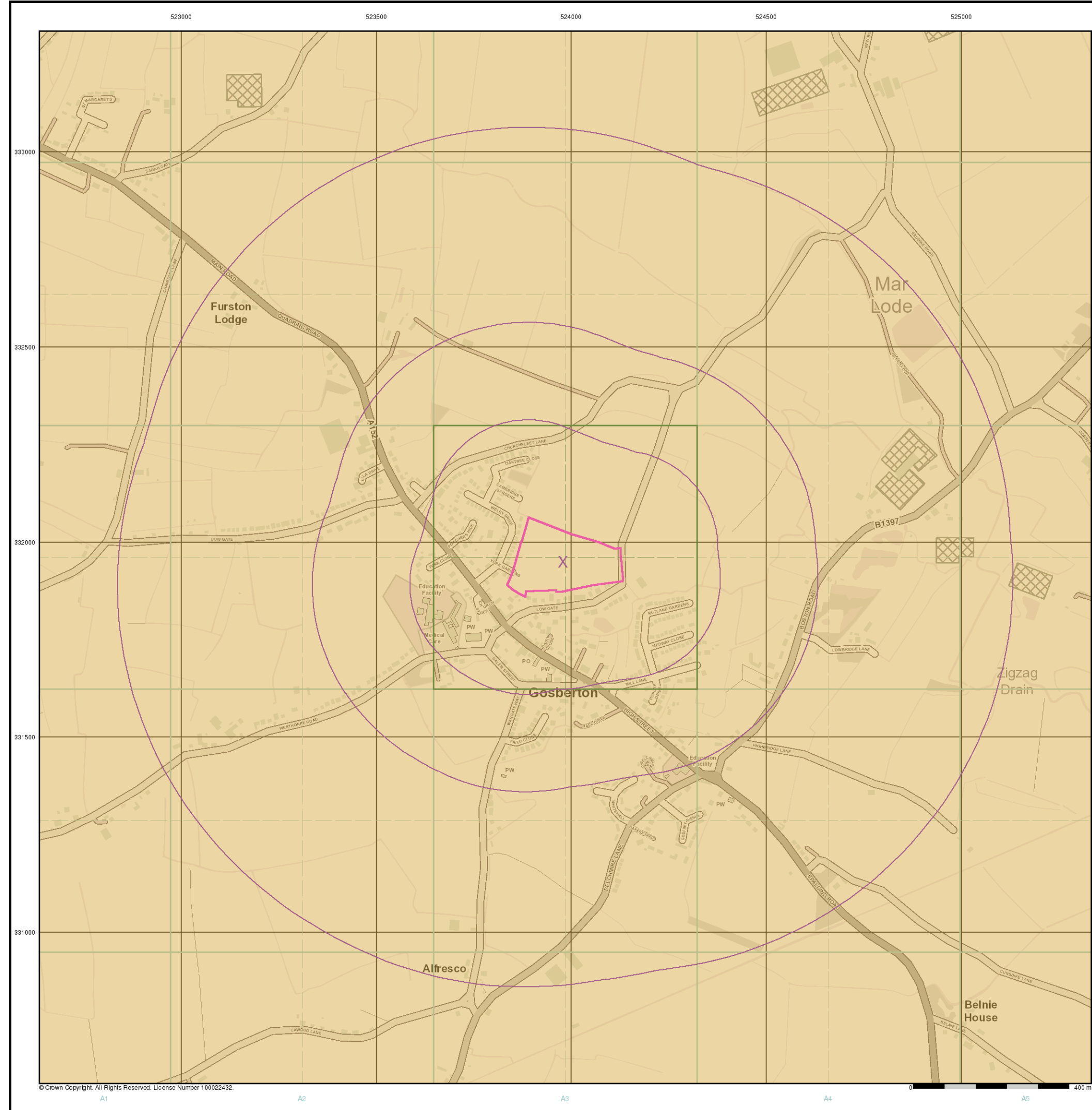


## Order Details

Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

## Site Details

Site at 523970, 331970



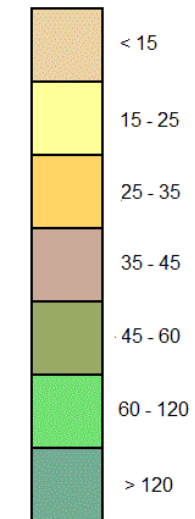
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## General

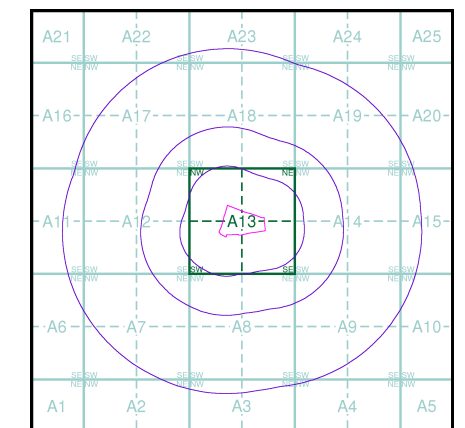
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



## Estimated Soil Chemistry Arsenic - Slice A



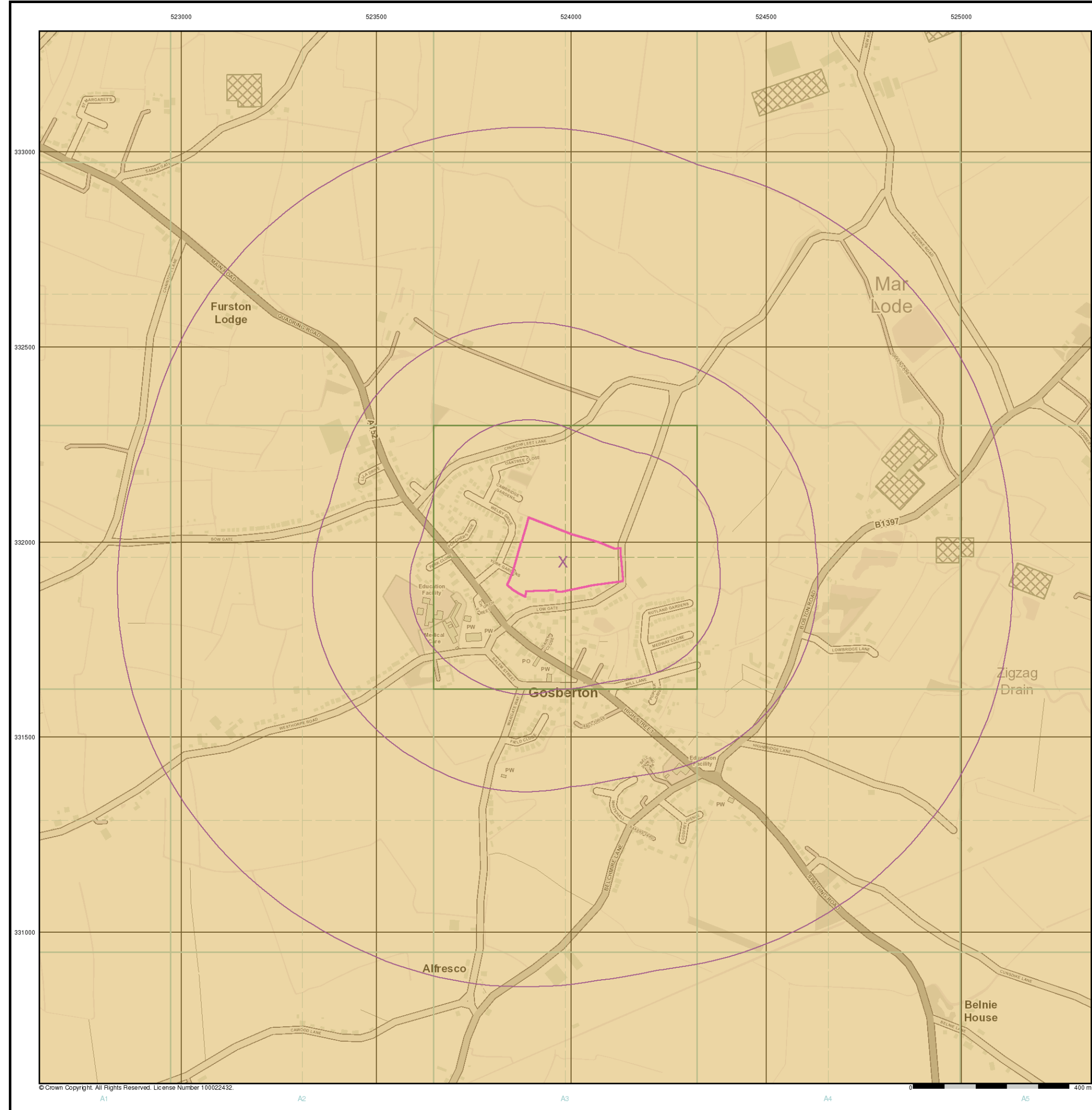
## Order Details

Order Details: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

## Site Details

Site at 523970, 331970





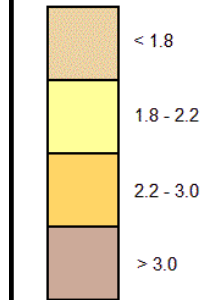
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## General

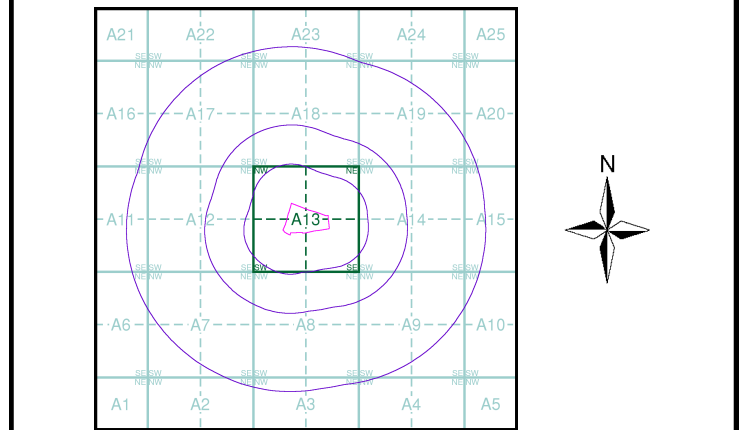
📍 Specified Site      📏 Specified Buffer(s)      ✕ Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



## Estimated Soil Chemistry Cadmium - Slice A

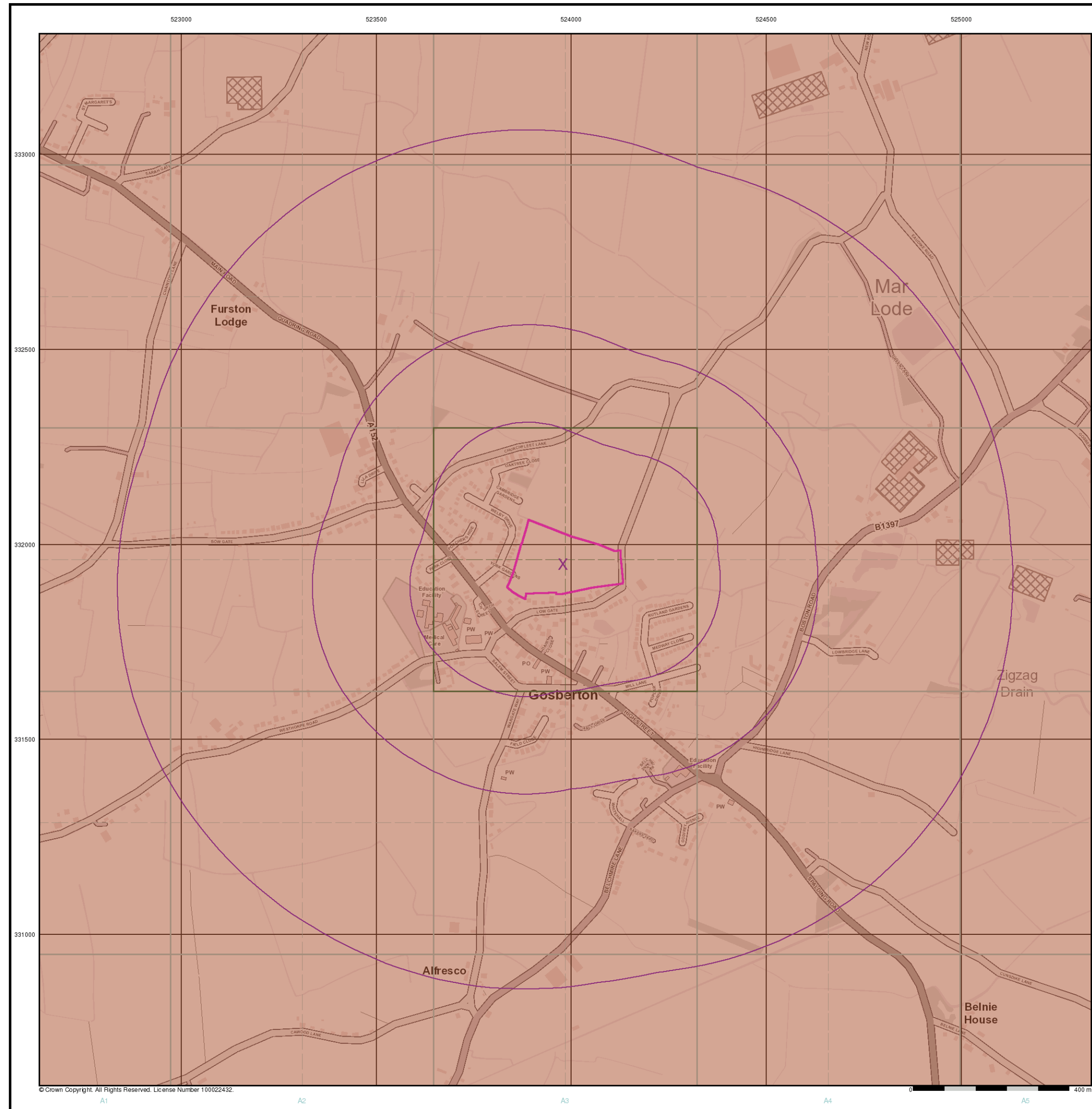


## Order Details

Order Details: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

## Site Details

Site at 523970, 331970



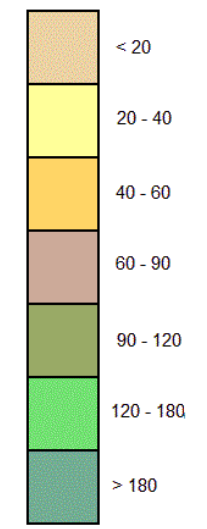
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## General

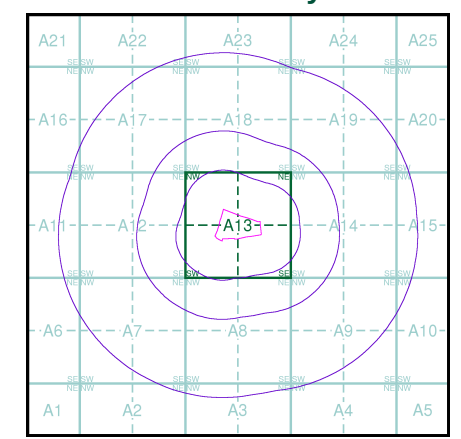
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



## Estimated Soil Chemistry Chromium - Slice A

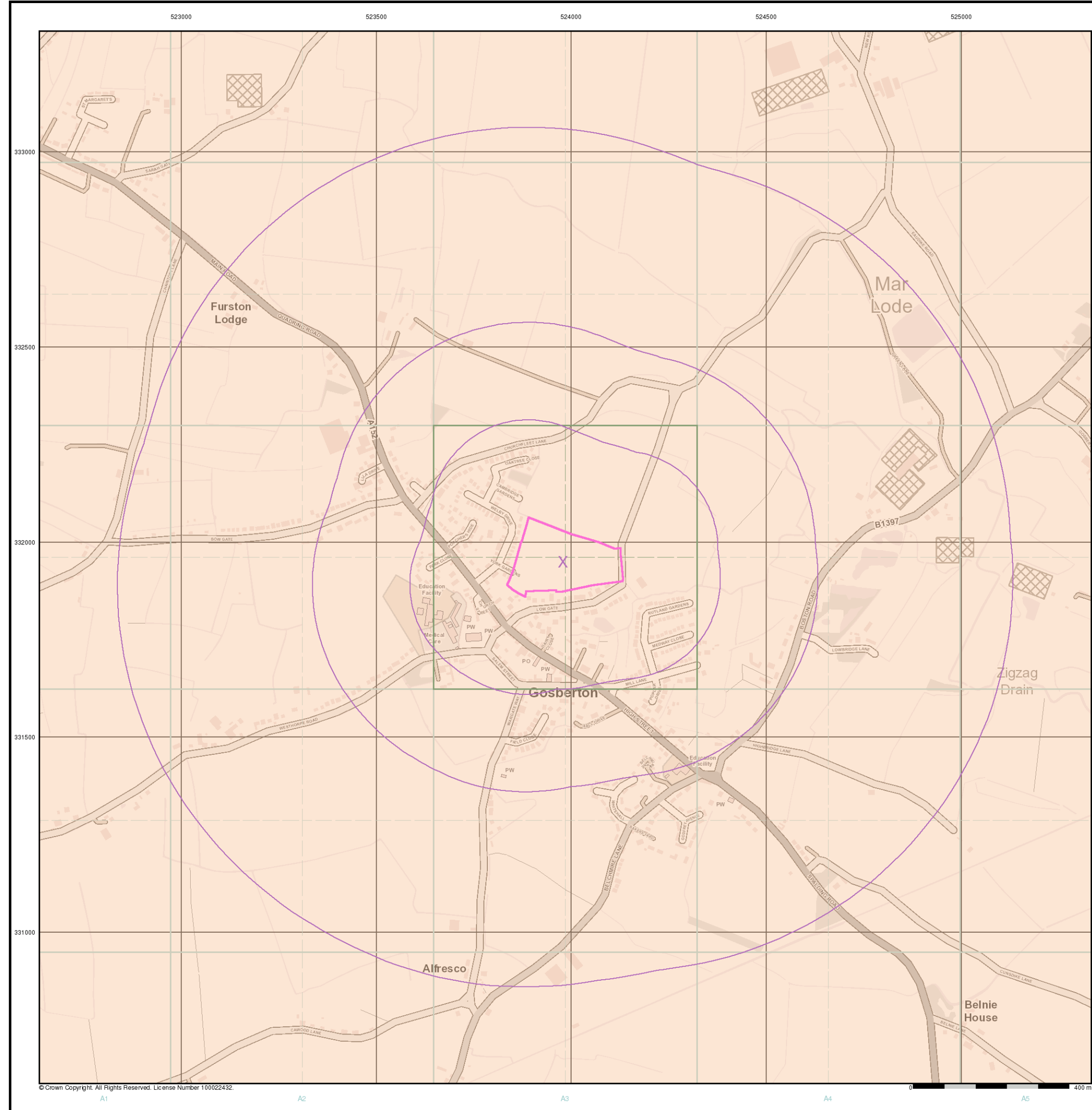


## Order Details

Order Details: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

## Site Details

Site at 523970, 331970



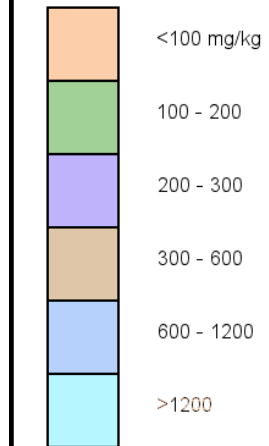
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## General

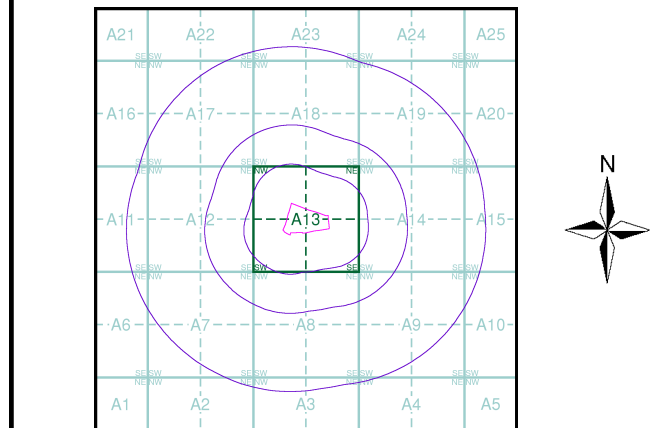
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



## Estimated Soil Chemistry Lead - Slice A



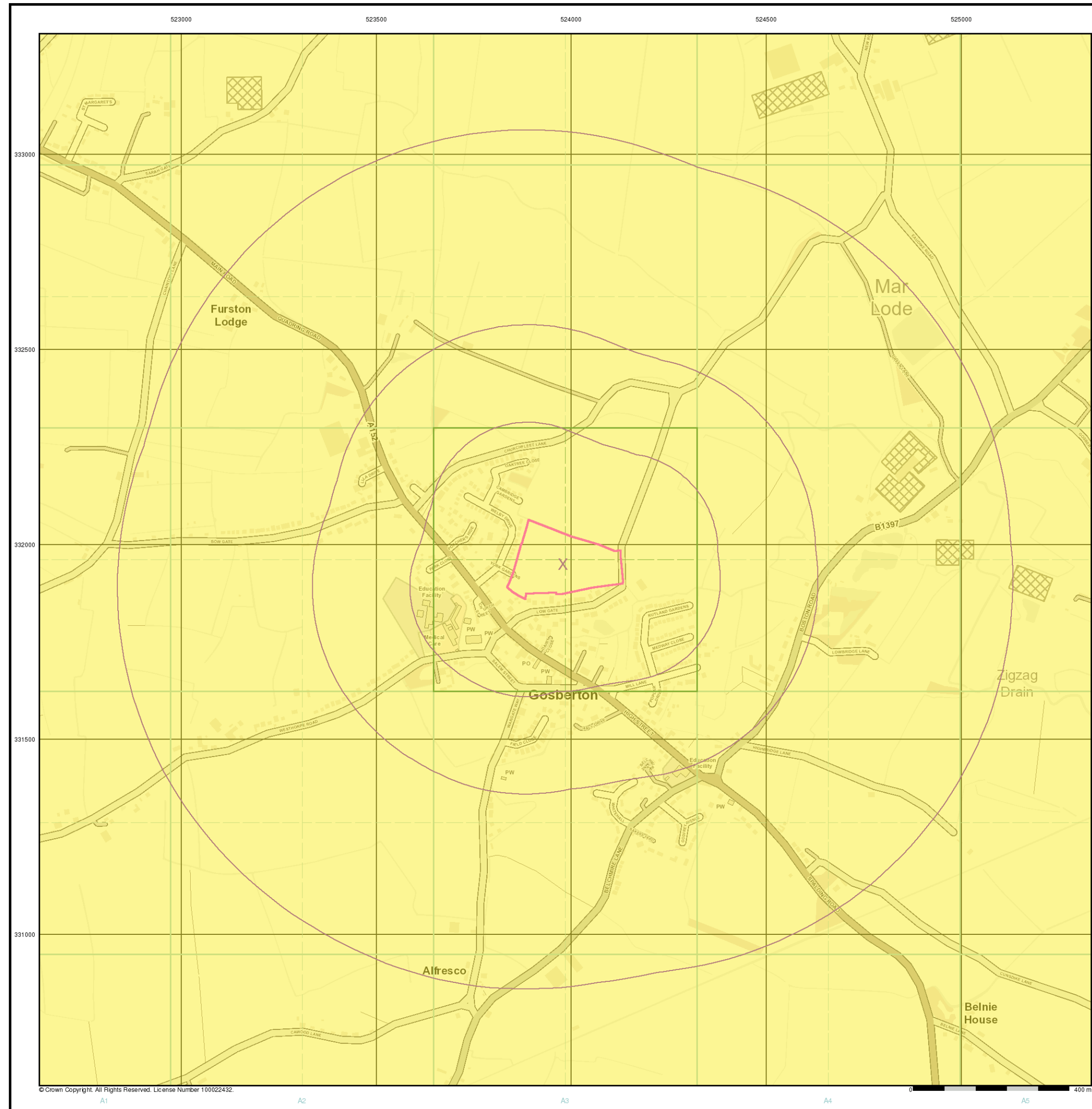
## Order Details

Order Details: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

## Site Details

Site at 523970, 331970

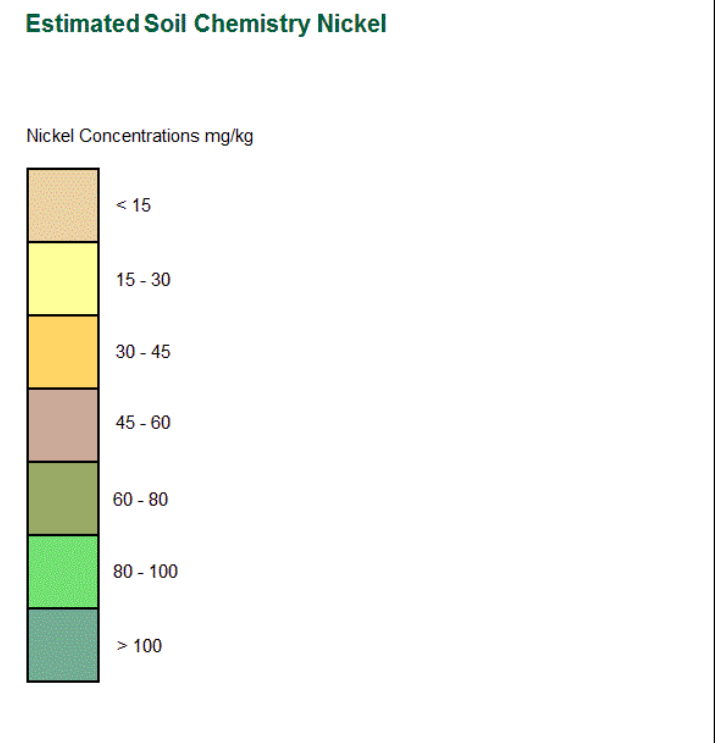
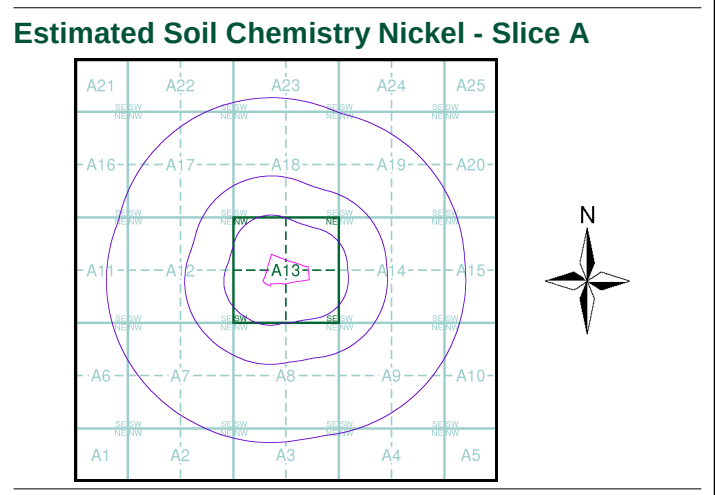




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**General**

Specified Site      Specified Buffer(s)      Bearing Reference Point



**Order Details**

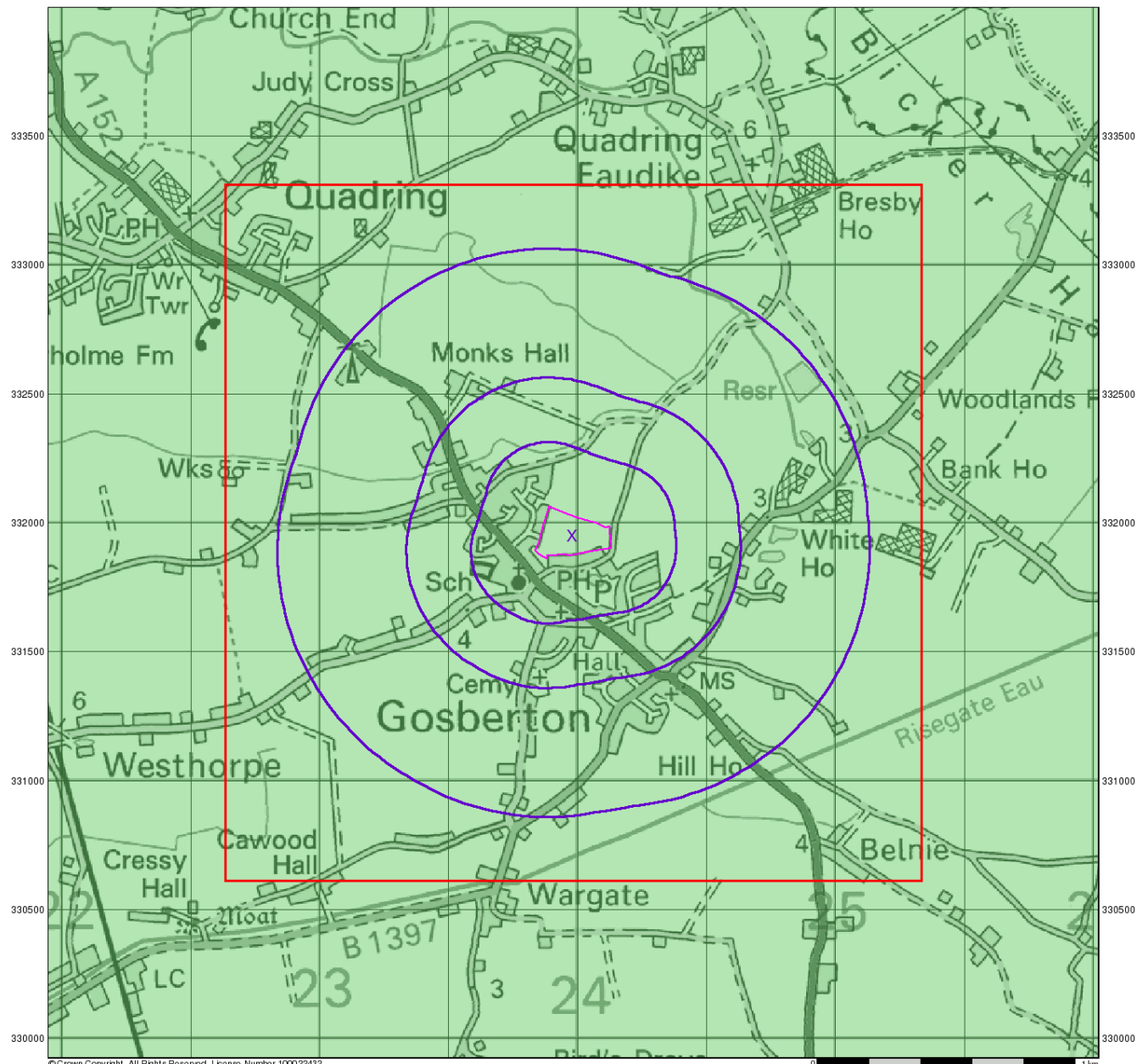
Order Details: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

**Site Details**

Site at 523970, 331970



522000 522500 523000 523500 524000 524500 525000 525500 526000



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0 1 km

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## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Geological Classes

#### Major Aquifer (Highly Permeable)

#### Minor Aquifer (Variably Permeable)

#### Non Aquifer (Negligibly Permeable)

#### Water or Sea

#### Drift Deposit

#### Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

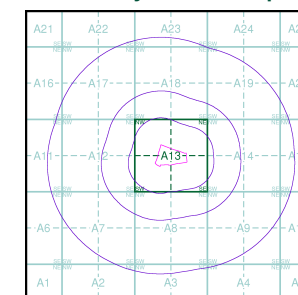
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

### Site Sensitivity Context Map - Slice A



### Order Details

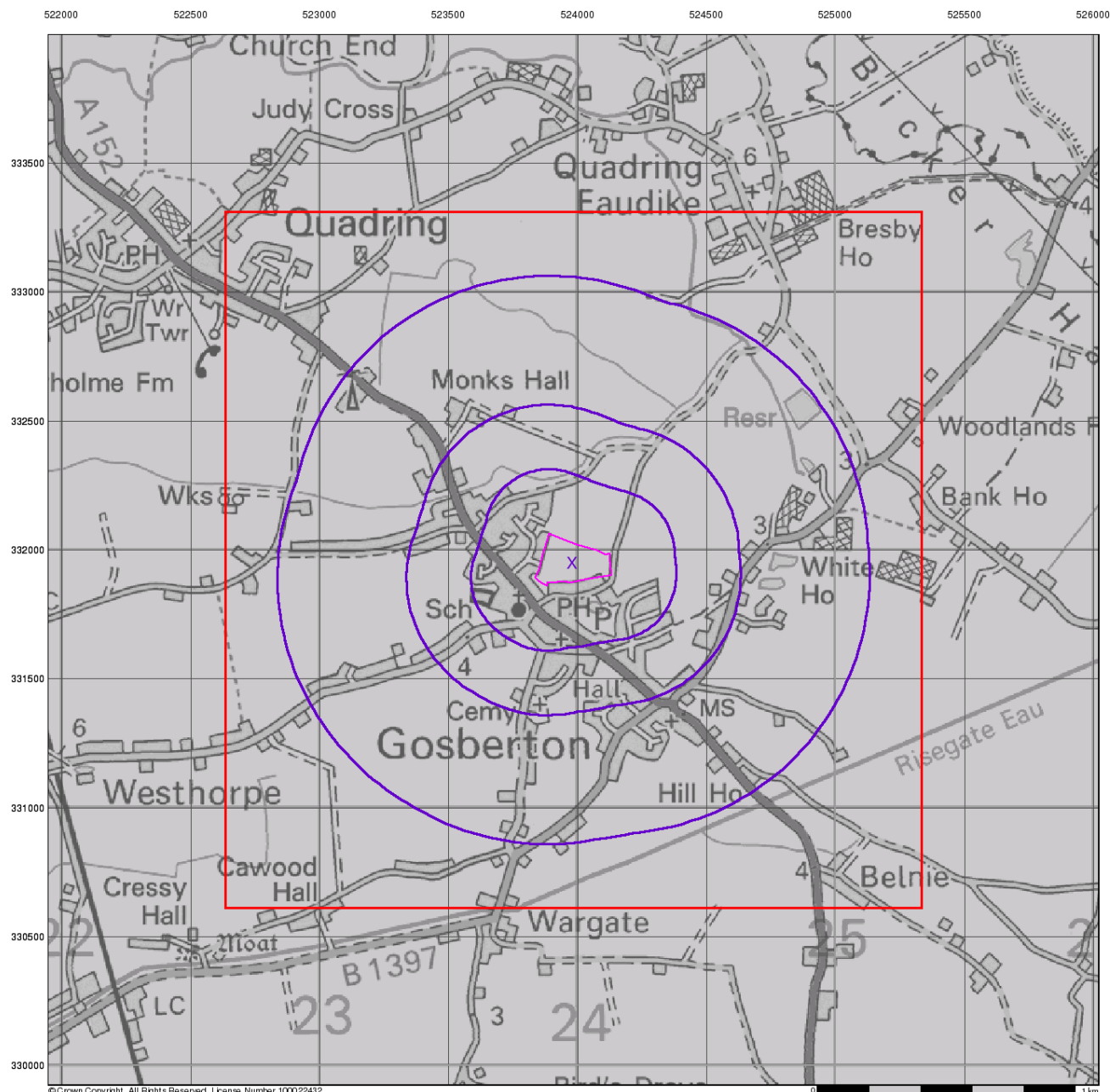
Order Number: 165653517\_1\_1  
Customer Ref: 42727  
National Grid Reference: 523980, 331950  
Slice: A  
Site Area (Ha): 3.79  
Search Buffer (m): 1000

### Site Details

Site at 523970, 331970

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## Bedrock Aquifer Designation

### General

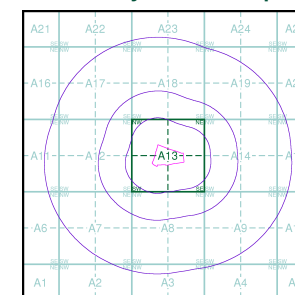
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

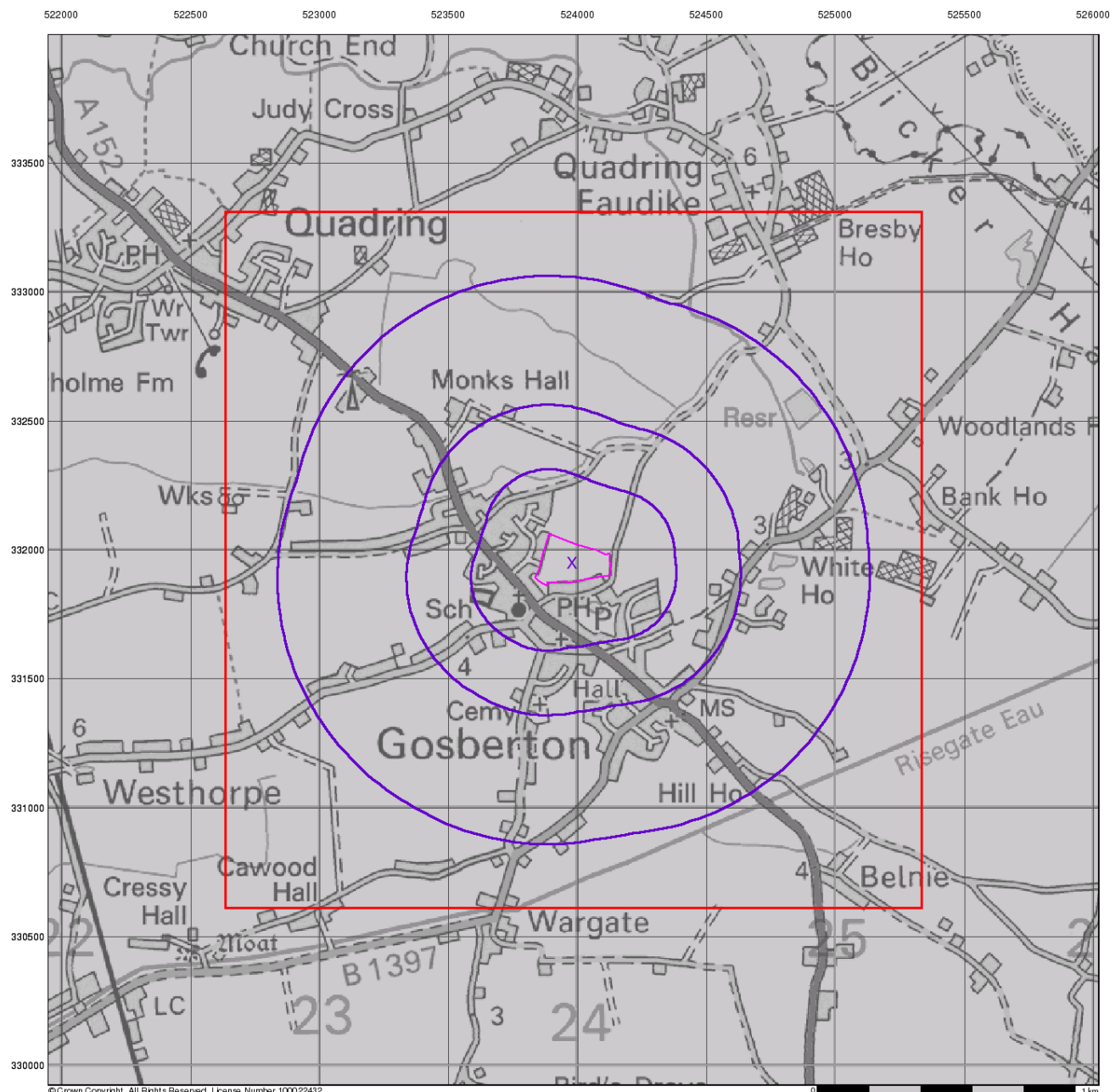
Order Number: 165653517\_1\_1  
 Customer Ref: 42727  
 National Grid Reference: 523980, 331950  
 Slice: A  
 Site Area (Ha): 3.79  
 Search Buffer (m): 1000

### Site Details

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## Superficial Aquifer Designation

### General

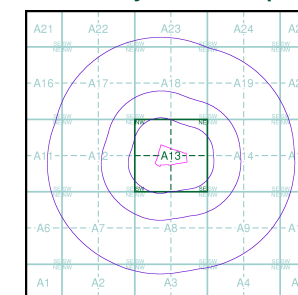
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### 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: 165653517\_1\_1  
 Customer Ref: 42727  
 National Grid Reference: 523980, 331950  
 Slice: A  
 Site Area (Ha): 3.79  
 Search Buffer (m): 1000

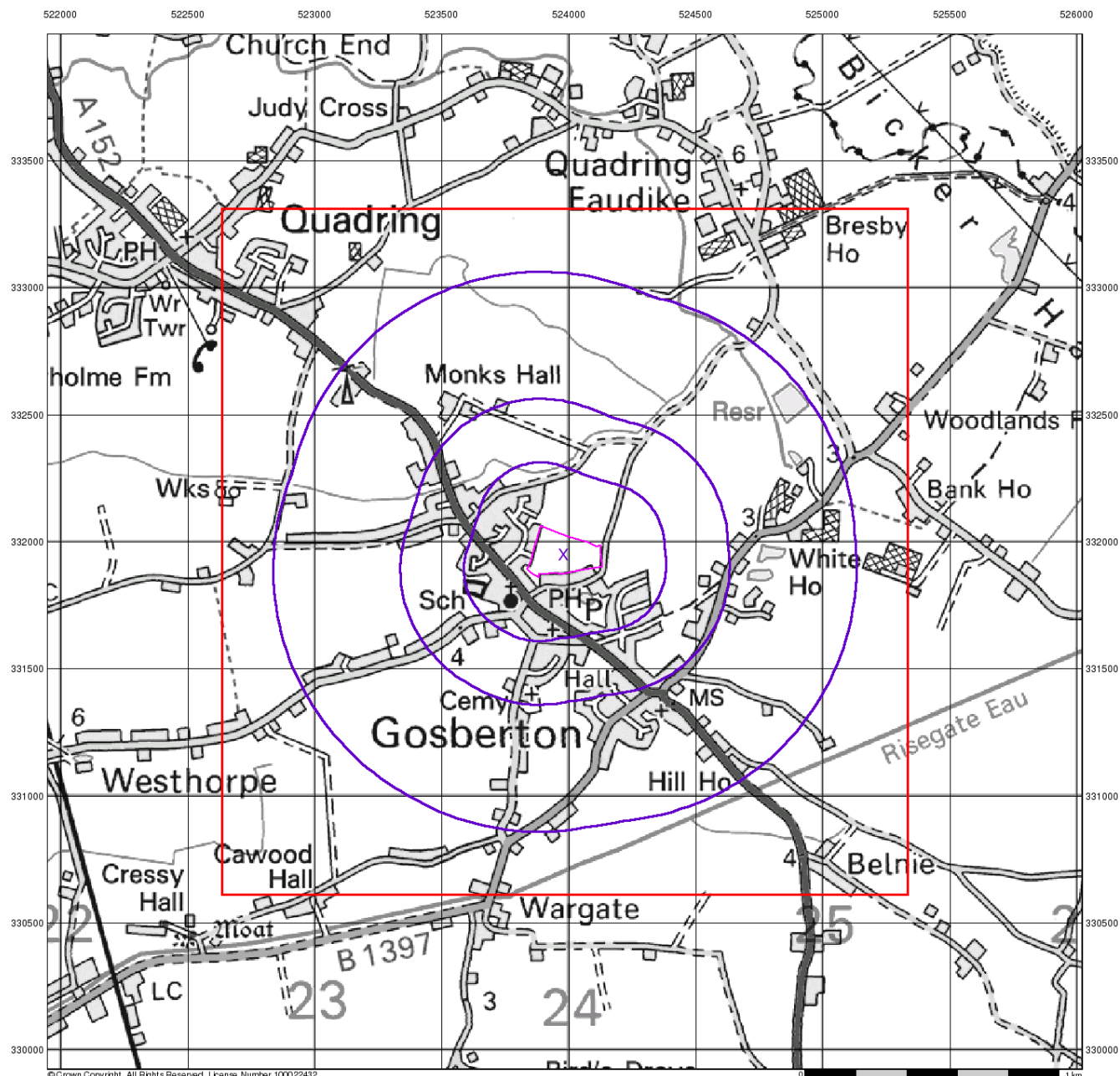
### Site Details

Site at 523970, 331970

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## Source Protection Zones

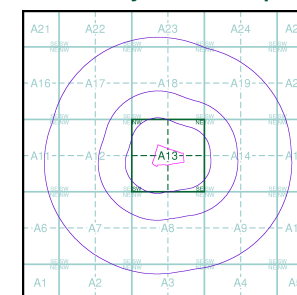
### General

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

### Agency and Hydrological

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

## Site Sensitivity Context Map - Slice A



## Order Details

Order Number: 165653517\_1\_1  
 Customer Ref: 42727  
 National Grid Reference: 523980, 331950  
 Slice: A  
 Site Area (Ha): 3.79  
 Search Buffer (m): 1000

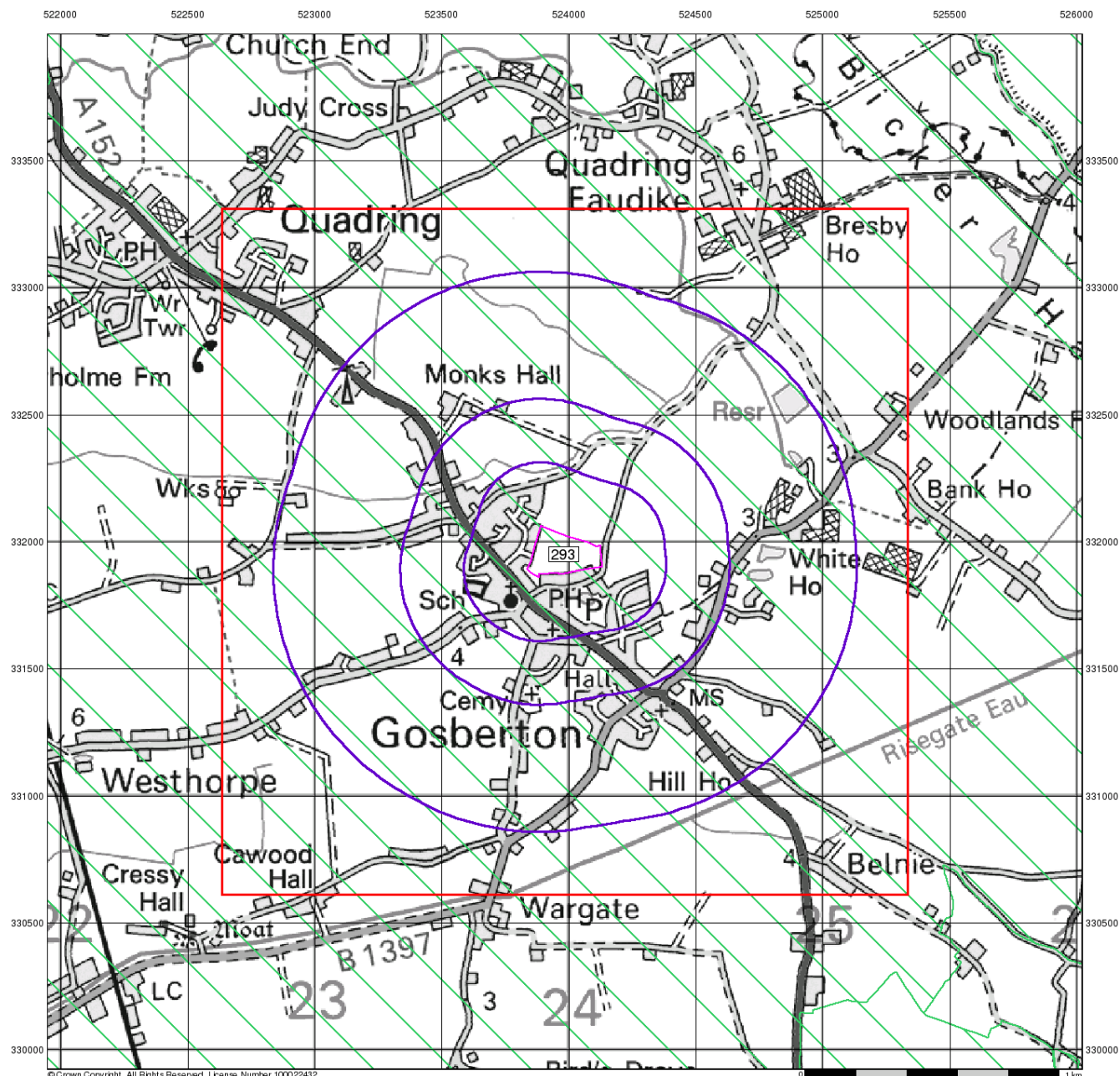
## Site Details

Site at 523970, 331970

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## Sensitive Land Uses

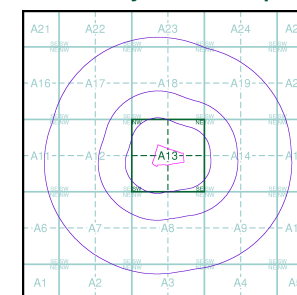
### General

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

### Sensitive Land Uses

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

### Site Sensitivity Context Map - Slice A



### Order Details

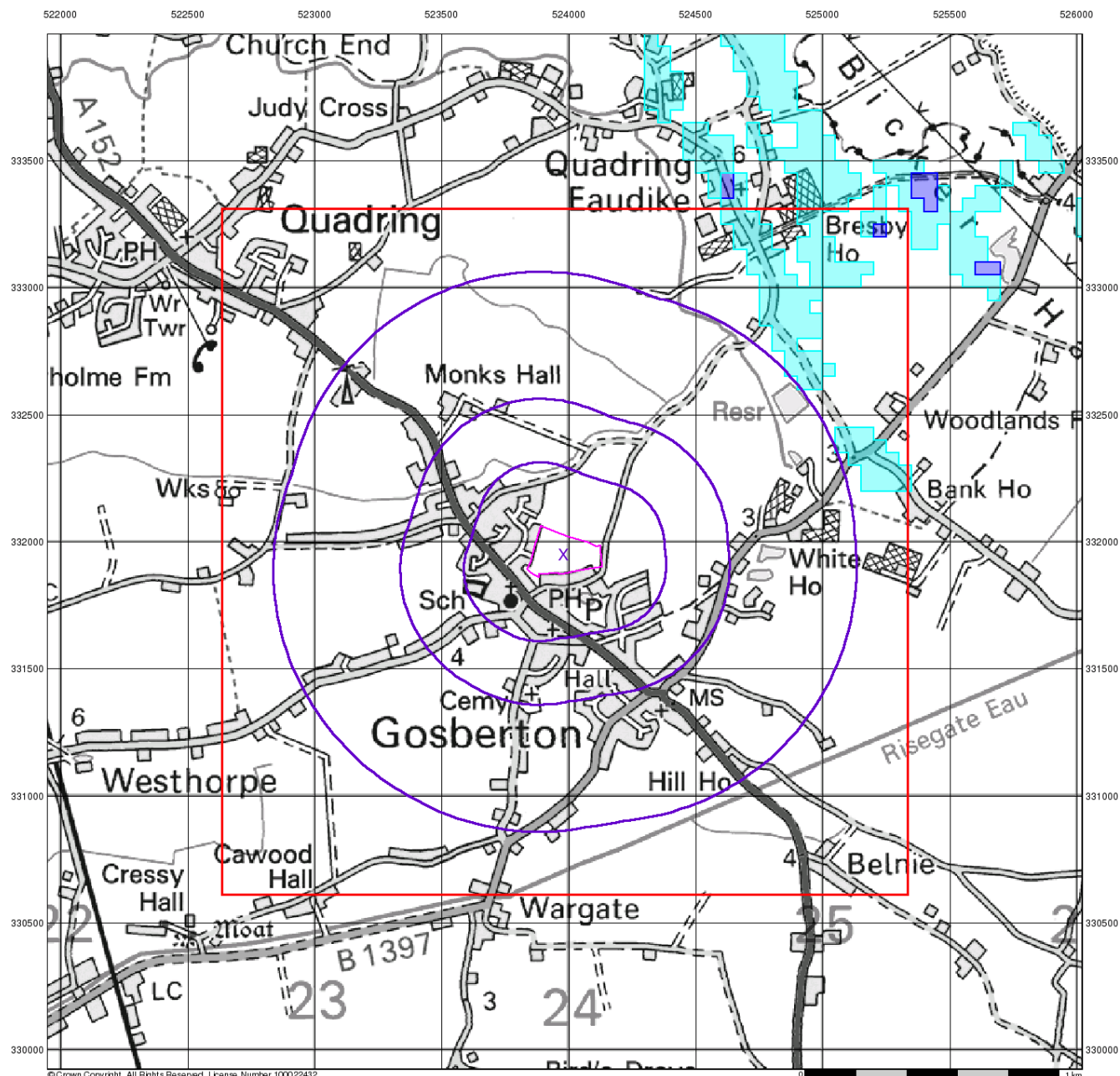
Order Number: 165653517\_1\_1  
 Customer Ref: 42727  
 National Grid Reference: 523980, 331950  
 Slice: A  
 Site Area (Ha): 3.79  
 Search Buffer (m): 1000

### Site Details

Site at 523970, 331970

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## BGS Flood GFS Data

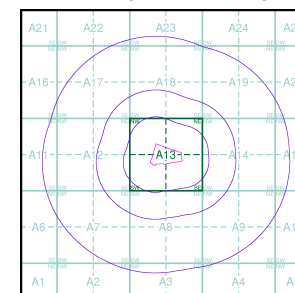
### General

- ◆ 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: 165653517\_1\_1  
 Customer Ref: 42727  
 National Grid Reference: 523980, 331950  
 Slice: A  
 Site Area (Ha): 3.79  
 Search Buffer (m): 1000

## Site Details

Site at 523970, 331970

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TF 23 SW/2

FIG. No:

MADE

DATE

CHECKED

DATE

RECORD OF BOREHOLE No. 15 (Sheet 2 of 2) 2479-3203.

GE 2218

| DAILY PROGRESS | WATER LEVELS | DEPTH OF CASING | SAMPLES    |       | No. OF BLOWS FOR SAMPLE OR TEST | LEG. END | DEPTH | INSITU m/c % | DESCRIPTION OF STRATA      |
|----------------|--------------|-----------------|------------|-------|---------------------------------|----------|-------|--------------|----------------------------|
|                |              |                 | DEPTH FROM | TO    |                                 |          |       |              |                            |
| 6.6.70         |              |                 |            |       |                                 |          | 20.60 |              |                            |
| 6.6.0m         | 19.30        | 18.50           | 18.00      | 20.90 | 33                              |          | 20.90 |              | AS ABOVE                   |
|                |              |                 | 21.10      | 21.55 | 32                              |          |       |              | Very soft to hard fissured |
|                |              |                 |            |       |                                 |          |       |              | Grey SILTY CLAY            |
|                |              |                 | 22.60      |       | 35                              |          |       |              | M Oxid                     |
|                |              |                 |            |       |                                 |          |       |              | grey spinch                |
| 6.6 pm         | -            | 18.50           | 24.10      | 24.10 | 36                              |          | 24.15 |              | BH COMPLETE D              |

UNDISTURBED SAMPLE  
4" Dia.

DISTURBED SAMPLE

WATER SAMPLE

BULK SAMPLE

STANDARD PENETRATION TEST

TYPE OF BORING

REMARKS

DIAMETER OF BORING

CASING TUBES

A 16 IMPROVEMENT

BOREHOLE

No: 15

GROUND ENGINEERING LIMITED.  
MANOR WAY, BOREHAMWOOD, HERTS.

TF 23 SW/2

FIG. No:

2479.3203

## RECORD OF BOREHOLE No. 15 (Sheet 1 of 2)

Est. S.L. 4.5 335 m below 1" 144 GE.2218

| MADE    | DATE |
|---------|------|
| CHECKED | DATE |

| DAILY PROGRESS | WATER LEVELS | DEPTH OF CASING | SAMPLES |       | No. OF BLOWS FOR SAMPLE OR TEST | LEG- END | DEPTH | Insitu m/c % | DESCRIPTION OF STRATA                                               |
|----------------|--------------|-----------------|---------|-------|---------------------------------|----------|-------|--------------|---------------------------------------------------------------------|
|                |              |                 | FROM    | TO    |                                 |          |       |              |                                                                     |
| 2.6.70         |              |                 | 0.0     | 0.45  | 1                               |          | 0.45  |              | CLAYEY TOPSOIL                                                      |
|                |              |                 | 0.50    |       | 2                               |          |       | 28.5         | Soft brown & grey mottled                                           |
|                |              |                 | 1.50    |       | 3                               |          |       | 295.0        | SANDY CLAY with traces of roots                                     |
|                |              |                 | 1.80    | 2.25  | 4                               |          |       |              |                                                                     |
|                |              |                 |         |       | 7                               |          |       |              |                                                                     |
| 2.6.70         |              | 2.40            | 2.40    | 2.85  | 5                               |          |       | 2.55         | Very soft grey and black                                            |
| 3.6.70         | 2.10         | 2.40            |         |       |                                 |          |       | 24.7         | PEATY SILTY CLAY                                                    |
|                |              |                 | 3.30    | 3.75  | 7                               |          |       |              | 3.30+ distributed grey gully & fine sand slightly humic. Part roots |
|                |              |                 | 4.00    |       | 8                               |          |       | 32.9         |                                                                     |
|                |              |                 |         |       | 10                              |          |       | 5.25         |                                                                     |
|                |              |                 | 5.55    |       | 11                              |          |       | 55.5         | 25 m band of brown CLAYEY PEAT                                      |
|                |              |                 |         |       | 12                              |          |       |              | Very soft grey PEATY SILTY CLAY                                     |
|                |              |                 | 6.30    | 6.75  | 13                              |          |       | 200.0        |                                                                     |
|                |              |                 | 7.05    |       | 14                              |          |       |              |                                                                     |
| 1.6.70         | DRY          | 7.80            | 7.80    | 8.25  | 15                              |          |       | 6.35         | 20m band of firm brown peat                                         |
| 4.6.70         | DRY          |                 | 8.40    |       | 16                              |          |       | 9.00         | Soft grey VERY PEATY CLAY                                           |
|                |              |                 | 9.30    | 9.75  | 17                              |          |       | 9.75         | Soft grey & black SANDY CLAY with cobbles                           |
|                |              |                 | 10.05   |       | 18                              |          |       |              | Firm grey and brown mottled                                         |
|                |              |                 | 10.80   | 11.25 | 19                              |          |       |              | CHALKY BOULDER CLAY with                                            |
|                |              |                 | 11.55   |       | 20                              |          |       |              | FLINT & HARD CHALK COBBLES.                                         |
|                |              |                 | 12.30   | 12.75 | 21                              |          |       | 12.00        |                                                                     |
|                |              |                 | 13.20   | 13.75 | 22                              |          |       |              | Shift blue grey CHALKY BOULDER                                      |
|                |              |                 | 14.05   |       | 23                              |          |       |              | CLAY with large flint cobbles                                       |
| 4.6.70         | DRY          | 10.80           | 14.50   | 15.25 | 24                              |          |       | 36           |                                                                     |
| 5.6.70         |              | 12.10           | 10.80   | 12.10 | 25                              |          |       |              |                                                                     |
|                |              |                 | 15.30   |       | 26                              |          |       |              |                                                                     |
|                |              |                 |         |       | 27                              |          |       |              |                                                                     |
|                |              |                 |         |       | 28                              |          |       |              |                                                                     |
|                |              |                 |         |       | 29                              |          |       |              |                                                                     |
|                |              |                 |         |       | 30                              |          |       |              |                                                                     |
|                |              |                 |         |       | 31                              |          |       |              |                                                                     |
|                |              |                 |         |       | 32                              |          |       |              |                                                                     |
| 5.6.70         | DRY          | 18.10           | 20.00   |       | 33                              |          |       | 20.00        |                                                                     |

CONTINUED ON SHEET 2

| UNDISTURBED SAMPLE 4" Dia.                                                                    | DISTURBED SAMPLE | WATER SAMPLE | BULK SAMPLE | STANDARD PENETRATION TEST | TYPE OF BORING     |
|-----------------------------------------------------------------------------------------------|------------------|--------------|-------------|---------------------------|--------------------|
|                                                                                               |                  |              |             |                           | Shovel & Auger     |
| REMARKS                                                                                       |                  |              |             |                           | DIAMETER OF BORING |
| 1. 1 m depth trial put sunk prior to boring.                                                  |                  |              |             |                           | 20 m to 15.25 m    |
| 2. 2 m depth hand auger probing prior to boring                                               |                  |              |             |                           | 15 m               |
| 3. Undisturbed Sample No. 29 driven full penetration with large cobble jammed in cutting shoe |                  |              |             |                           | CASING TUBES       |
| 4. Bulk sample No. 33 comprises rock specimens 13 m to 20.70 m                                |                  |              |             |                           | 20 m to 20.70 m    |
|                                                                                               |                  |              |             |                           | 15 m               |

A 16 IMPROVEMENT

GROUND ENGINEERING LIMITED,  
MANOR WAY, BOREHAMWOOD, HERTS.BOREHOLE  
No: 15



## 8-in or 1:10 000 Map Registration No.

TF 23 SW 1/2

National Grid Reference

TF 2448 3148

Town or Village Gosberton County Lincs

Exact site (reference to a fixed point on 1-in or 1:50 000 Map):

775m (848yd) at  $111^{\circ}$  from N.E. corner, St Pet. & St. Pauls. Church, Gosport

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Purpose for which made Proving Lincolnshire Limestone

Ground level at <sup>shaft</sup> <sub>bore</sub> relative to O.D. 2.91 m. If not ground level give O.D. of beginning of <sup>shaft</sup> <sub>bore</sub> \_\_\_\_\_ m.

Made by \_\_\_\_\_ Date of sinking 1972

Information from Samples & Core Examined by A Horton

## Specimen Numbers and Additional Notes

| Geological Classification | Description of Strata                                           | Thickness metres | Depth metres |
|---------------------------|-----------------------------------------------------------------|------------------|--------------|
|                           | Sample Depth                                                    |                  |              |
| FEN CLAY                  | 5-11m Clay - grey plastic. Scattered carbonaceous rootlets      | c 11.5           | c 11.5       |
| BOULDER CLAY              | 12m, 13m Grey plastic clay with scattered chalk, flint erratics | c 2.0            | c 13.5       |
| Glacial Gravel            | 14m Clayey gravel                                               | c 1.0            | c 14.5       |
| BOULDER CLAY              | 15m Grey silty clay with abundant erratics                      |                  |              |
| -----                     | 20m As above                                                    | c 8.5            | c 23.0       |
|                           |                                                                 |                  |              |
|                           |                                                                 |                  |              |
|                           |                                                                 |                  |              |

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| Geological Classification | Description of Strata                                                         | Thickness metres | Depth metres |
|---------------------------|-------------------------------------------------------------------------------|------------------|--------------|
| Oxford Clay               | Brought Forward                                                               |                  | 23.0         |
|                           | 25m Soft grey plastic clay with scattered erratics                            |                  |              |
|                           | 30m Grey plastic clay with scattered erratics                                 |                  |              |
|                           | 35m Medium grey clay of Middle Oxford Clay type                               |                  |              |
|                           | 45m Slightly more silty, same type                                            |                  |              |
|                           | 50m As above                                                                  |                  |              |
|                           | 55m Greenish grey, slightly massive                                           |                  |              |
|                           | -58m Mudstone<br>NB ?Lower Oxford Clay                                        |                  |              |
|                           | 59m Soft plastic clay                                                         |                  |              |
|                           | 60m Soft clay with olive grey mudstone                                        |                  |              |
|                           | -63m Mudstone fragments with occasional shell fragments                       |                  |              |
|                           | 64m Olive grey shaley mudstone                                                | c 42.0           | c 65.0       |
|                           | 66m Mixed olive grey mudstone and grey silty clay with fine silty sand traces |                  |              |
| KELLAWAYS BEDS            | 67m Oxford Clay mudstone derived from above                                   |                  |              |
|                           | 68m Mixed Oxford Clay mudstone and rare silty mudstone debris                 |                  |              |
|                           | 69-71m Pale grey argillaceous silt                                            |                  |              |

possible  
includes  
bed  
Oxcl

→  
def. K1B

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| Geological Classification | Description of Strata                                                                                                          | Thickness metres | Depth metres |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
| Kellaways Beds            | Brought Forward                                                                                                                |                  | 65.00        |
|                           | 72-73m Grey plastic clay                                                                                                       |                  |              |
|                           | 74m Mudstone - grey hard with scattered pyritic fossils and occasional listric surfaces                                        | c 10.0           | c 75.0       |
| CORNBRASH                 | 75m Soft plastic clay matrix with pale grey silty marl and blue-grey shell fragmental sparry traces                            |                  |              |
|                           | 76m Pale grey marly limestone fragments in soft clay matrix                                                                    | c 1.5            | c 76.5       |
|                           | 77m Greenish grey silty mudstone with darker grey patches                                                                      |                  |              |
| BLISWORTH CLAY            | 80m Sample derived from above                                                                                                  |                  |              |
|                           | -82m                                                                                                                           | c 5.5            | c 82.0       |
|                           | 83m Dark grey mudstone with pale grey shell debris micritic limestone fragments                                                |                  |              |
| BLISWORTH LIMESTONE       | 84m Limestone and shell debris fragments                                                                                       |                  |              |
|                           | END OF SAMPLES CORE BEGINS                                                                                                     |                  |              |
|                           | Run 82-85m Recovery 2.96m                                                                                                      |                  |              |
| Blisworth Limestone       | Limestone, pale grey, micritic, with abundant shell debris including oysters, very hard, massive, bioturbated                  | 0.45             | above 82.87  |
|                           | Limestone, pale grey, fine-grained, micritic, indefinitely bedded with blue-grey shell-debris wisps, occasional large bivalves |                  |              |
|                           |                                                                                                                                |                  |              |

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| Geological Classification                            | Description of Strata                                                                                                                                                                                                       | Thickness metres | Depth metres |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
| Blisworth Limestone                                  | Brought Forward                                                                                                                                                                                                             |                  |              |
|                                                      | (mostly oysters), very coarsely fossiliferous at base with oysters, <i>Mytilus</i> , <i>rhynchonellids</i> and shell debris                                                                                                 | 0.83             | 83.32        |
|                                                      |                                                                                                                                                                                                                             |                  |              |
| Upper Estuarine Series<br>8.92m<br>Rhythmic Beds 360 | Mudstone, greenish grey, silty, sheared seatearth texture, becoming massive, more silty, darker olive-green with pale green rootlet and carbonaceous traces from 2.05m down recovered core                                  | 0.89             | 84.21        |
|                                                      | Mudstone, pale greenish grey, extremely silty and calcareous, abundant bivalves and rootlet traces, carbonaceous and clay-filled; grading almost to silty marl in places, less calcareous with shells infrequent from 2.50m | 0.79             | 85.0         |
|                                                      |                                                                                                                                                                                                                             |                  |              |
|                                                      | Run 85-87m Recovery 2.93m                                                                                                                                                                                                   |                  |              |
|                                                      | Mudstone, dark grey, clay with abundant shell debris ( <i>Oyster</i> bivalve <i>lumaschelle</i> ). Thin debris-free bands in basal 7cm with fine plant fragments. Abrupt base                                               | 0.25             | 85.30        |
|                                                      |                                                                                                                                                                                                                             |                  |              |
|                                                      | Mudstone, dark olive-grey, carbonaceous with abundant listric surfaces. Seatearth. Becoming more massive from 0.50m                                                                                                         | 1.23             | 85.53        |
|                                                      |                                                                                                                                                                                                                             |                  |              |
|                                                      | Mudstone, medium olive-grey, slightly silty with abundant bivalves, sub-shaly, with pale olive tinted and green clay-filled rootlets. <i>Lumaschelle</i> in basal 5cm                                                       | 0.21             | 85.74        |
|                                                      |                                                                                                                                                                                                                             |                  |              |
|                                                      | Mudstone, greenish grey with darker mottled bands, shattered seatearth lithology,                                                                                                                                           |                  |              |



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| Geological Classification | Description of Strata                                                                                                                                                                                                                                                                              | Thickness metres | Depth metres |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
| Upper Estuarine Series    | Brought Forward                                                                                                                                                                                                                                                                                    |                  |              |
|                           | occasional bivalves from 2.00m down run, becoming increasingly massive and fossiliferous downwards, but rootlet traces persist. Abundant shell pavements with rare rootlets from 2.5m                                                                                                              | 0.48             | 86.24        |
|                           | Mudstone, greenish grey with abundant shells and shell debris; slightly fissile with lime cemented bands from 2.45 to 2.55m down core. Abrupt base                                                                                                                                                 | 0.46             | 86.70        |
|                           | Mudstone, greenish grey, with paler grey silt laminae, becoming increasingly fossiliferous downwards with shelly shell-debris bands, occasional dark olive-grey mudstone partings from 2.78m with a small bone fragment at 2.82m and a ferruginous pebble above                                    | 0.22             | 86.92        |
| Freshwater Beds           | Mudstone, olive-grey, slightly silty with carbonaceous debris and rootlet traces                                                                                                                                                                                                                   | 0.08             | 87.00        |
|                           | Run from 87 to 90.5 m. Recovery 2.85m                                                                                                                                                                                                                                                              |                  |              |
|                           | Mudstone, dark olive-grey, with ultrafine pale fawn wispy laminae, microdisturbances throughout, rare rootlets, carbonaceous plant laths                                                                                                                                                           | 0.19             | 87.84        |
|                           | Siltstone, very pale olive-grey, hard and massive, slightly argillaceous with pale grey indistinct laminae, abundant plant debris and rootlets. 9cm dark olive-grey mudstone with rootlets at 62cm. Continuing below in pale olive-grey mottled silty wispy mudstone with rootlets, some preserved |                  |              |

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| Geological Classification       | Description of Strata                                                                                                               | Thickness metres | Depth metres |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
| Upper Estuarine Series          | Brought Forward                                                                                                                     |                  |              |
|                                 | in solid pyrite, 9cm silty mudstone band                                                                                            |                  |              |
|                                 | at 1.69m down core. Continuing below in                                                                                             |                  | above        |
|                                 | muddy siltstone as above                                                                                                            | 1.66             | 89.50        |
|                                 |                                                                                                                                     |                  |              |
|                                 | Siltstone, very pale olive-grey, very coarse-grained, grading to sandstone, hard and                                                |                  | above        |
|                                 | massive with abundant rootlets                                                                                                      | 1.00             | 90.50        |
|                                 |                                                                                                                                     |                  |              |
|                                 | Run 90.5-94m. Recovery 2.90m                                                                                                        |                  |              |
|                                 | Continuing below in pale olive-grey siltstone                                                                                       |                  |              |
| above -89.3                     | with rootlets, hard and massive, slightly more argillaceous from 0.50m with clayey wisps and abundant lignitic plant debris.        |                  |              |
|                                 | Paler grey, more sandy from 0.90. Abrupt inclined base                                                                              | 1.15             | 92.20        |
|                                 |                                                                                                                                     |                  |              |
|                                 | Mudstone, dark grey silty with carbonaceous and silt-filled rootlets, irregular wispy bedding, with fine plant detritus, structures |                  | above        |
|                                 | distorted. Abrupt base                                                                                                              | 0.04             | 92.24        |
|                                 |                                                                                                                                     |                  |              |
|                                 | Limestone, dull olive-grey, pyritic, extremely sandy with very thin lime-cemented laminae, finely micaceous                         | 0.08             | 92.32        |
|                                 |                                                                                                                                     |                  |              |
|                                 | Limestone, pale grey, extremely sandy, slightly friable, irregular ?burrows in                                                      |                  | above        |
|                                 | top 2cms, indistinct lamination with rare clay partings                                                                             | 0.23             | 92.55        |
| Lincolnshire Limestone<br>23.7m |                                                                                                                                     |                  |              |
|                                 | Limestone, medium grey, sandy, oolitic, with scattered shells and shell debris in top                                               |                  |              |
|                                 | 5cm, continuing below in very fine grained oolitic limestone with infrequent shells, extremely hard and massive, coarser grained    |                  |              |
|                                 |                                                                                                                                     |                  |              |

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| Geological Classification | Description of Strata                                                                                                                                                                                                                                                                                                                           | Thickness metres | Depth metres |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
| Lincolnshire Limestone    | Brought Forward                                                                                                                                                                                                                                                                                                                                 |                  |              |
|                           | for 5cm at 2.15m and again for 3cm at 2.90m                                                                                                                                                                                                                                                                                                     | 1.45             | above 94.00  |
|                           | (1st in 4 posts)                                                                                                                                                                                                                                                                                                                                |                  |              |
|                           |                                                                                                                                                                                                                                                                                                                                                 |                  |              |
|                           | Run 94-98m. Recovery 2.80m                                                                                                                                                                                                                                                                                                                      |                  |              |
|                           | Limestone, pale grey, medium grained, oolites in granular calcite matrix with occasional shell fragments; extremely hard and massive, with occasional coarser shell-debris-rich bands                                                                                                                                                           | 0.24             | above 95.44  |
|                           |                                                                                                                                                                                                                                                                                                                                                 |                  |              |
|                           | Limestone, pale grey, coarse oolite with coarse sparry matrix, occasional shell fragments and rare ferruginous grains becoming distinctly bimodal downwards with ?small oolites within matrix, becoming much less coarsely oolitic from 0.65m with infrequent coarse grains in a fine-grained oolitic ? matrix. In posts of 5 to 25cm thickness | 1.21             | above 96.65  |
|                           |                                                                                                                                                                                                                                                                                                                                                 |                  |              |
|                           | Limestone, pale grey, medium-grained oolites in calcitic matrix, occasional bivalves (some core loss here)                                                                                                                                                                                                                                      | 0.40             | above 97.05  |
|                           |                                                                                                                                                                                                                                                                                                                                                 |                  |              |
|                           | Limestone, pale grey, fine-grained bimodal oolite                                                                                                                                                                                                                                                                                               | 0.10             | above 97.15  |
|                           |                                                                                                                                                                                                                                                                                                                                                 |                  |              |
|                           | Limestone, pale grey, coarse, shell fragmental oolites in fine-grained ?pellety sparry matrix                                                                                                                                                                                                                                                   | 0.10             | above 97.25  |
|                           |                                                                                                                                                                                                                                                                                                                                                 |                  |              |
|                           | Limestone, pale grey, bimodal oolites in coarse ?pellety matrix                                                                                                                                                                                                                                                                                 | 0.19             | above 97.44  |
|                           |                                                                                                                                                                                                                                                                                                                                                 |                  |              |
|                           |                                                                                                                                                                                                                                                                                                                                                 |                  |              |
|                           |                                                                                                                                                                                                                                                                                                                                                 |                  |              |

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| Geological Classification | Description of Strata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Thickness metres | Depth metres |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
| Lincolnshire Limestone    | Brought Forward                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  | 97.44        |
|                           | Limestone, pale to medium grey, soft and marly, with pale grey carbonate flakes                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.11             | 97.55        |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |              |
|                           | Limestone, very pale grey, hard, extremely fine-grained, with scattered fine shell debris, slightly splintery fracture, occasional bivalves (including Modiola), indefinite burrows infilled with marly oolite, coarser shell debris near bottom                                                                                                                                                                                                                                                                          | 0.45             | 98.00        |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |              |
|                           | Run 98-102m. Recovery 2.93m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |              |
|                           | Limestone, pale grey, fine-grained, micritic, with scattered shell debris and infrequent ooliths, occasional bivalves, extremely hard and massive in a single post                                                                                                                                                                                                                                                                                                                                                        | 0.72             | 99.79        |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |              |
|                           | Limestone, bimodal ooliths in sparry matrix, some shell debris, pale grey with dark grey macro-ooliths, occasional gastropods and bivalves, massive but less hard than previous beds. Slightly leached and pale olive grey in colour from 1.50m with oolith ghosts, continuing in bimodal rock, slightly more argillaceous with plant debris and oxidised ferruginous from 2.00m, cavities on outside of core some after burrows. Scattered sand grains, occasional bivalves, more uniformly grained from 2.00m down core | 2.21             | 102.00       |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |              |
|                           | Run 102-105m Recovery 2.70m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |              |
|                           | Limestone, pale grey with white ooliths, shell debris and composite grains in fine-grained matrix, bimodal, indefinite clay wisps,                                                                                                                                                                                                                                                                                                                                                                                        |                  |              |



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| Geological Classification | Description of Strata                                                                                                                                                                                                                                                                                                                                                   | Thickness metres | Depth metres |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
|                           | Brought Forward                                                                                                                                                                                                                                                                                                                                                         |                  | 102.00       |
| Lincolnshire Limestone    | burrows. Inclined joint fissure at 0.20-0.30m, continuing from 0.40m in paler, finer grained oolitic limestone, small intraclast at 1.20m in slightly harder limestone becoming coarse sparry cemented and very massive from 1.25m, clay-filled burrow at 1.80m with marginal leaching at top of that bed, bottom of bed 1.90m                                          | 1.90             | above 104.20 |
|                           | Limestone, pale grey, slightly marly with coarse ooliths, in a fine grained matrix with small ?ooliths, coarse shell debris scattered throughout. Core fragmentary from 1.90m to about 2.10m. Clay-filled burrows, some with oolitic debris at 2.10m. Interbedded coarse oolitic limestone and fine-grained micritic limestone with shell debris at 2.15m, with ?corals | 0.36             | above 104.56 |
|                           | Limestone, medium-pale grey, coarsely oolitic with some fine shell debris, very hard with lustrous sparry cement. In posts up to 10cm                                                                                                                                                                                                                                   | 0.44             | above 105.00 |
|                           | Run 105 to 108 m. Recovery 2.64m                                                                                                                                                                                                                                                                                                                                        |                  |              |
|                           | Limestone, pale grey, medium to coarse-grained, oolitic, distinct clay-filled burrows in places, moderately soft, rather flaggy texture. More massive, bimodal for 10cm at 1.80m, continuing below in coarse oolite with lustrous sparry cement                                                                                                                         | 2.64             | above 108.00 |

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| Geological Classification | Description of Strata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Thickness metres | Depth metres |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
| Lincolnshire Limestone    | Brought Forward                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  | 108.00       |
|                           | Run 108-111m. Recovery 3.07m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |              |
|                           | Limestone, pale grey oolitic with some slightly marly pockets, moderately hard, with lustrous and sparry cemented bands.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |              |
|                           | Distinct marly matrix with large shells at 0.45m, continuing below in rather soft porous, sometimes friable limestone, surface solution of core during drilling - pitted texture. Continuing in medium to fine grained slightly friable oolite, harder more massive band at 2.70m.                                                                                                                                                                                                                                                                                                    |                  |              |
|                           | Interbedded micaceous marly clay wisps for 5cm at 2.85m and again for 3cm at 2.95m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3.07             | above 111.00 |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |              |
|                           | Run 111-114m. Recovery 2.74m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |              |
|                           | Limestone, pale grey, fine-grained, occasional dark grey mudstone flakes, extremely hard and massive, lustrous spar cement throughout.                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | above        |
|                           | Abrupt base - possible core loss                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.47             | 111.73       |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |              |
| Collyweston Fauna         | Limestone, medium grey, fine-grained, silty, finely micaceous with dark clay wisps, blue-hearted sparry lenses, much fine plant debris, irregular contorted wispy lamination, increasingly sandy and micaceous downwards, occasional shell debris, rare shells, a blue-hearted oolitic sparry limestone band for 5cm at 1.20m. Continuing below in wispy bedded sandy limestone with scattered fine plant debris, occasional oolitic bands and wisps with rare bivalves. Large burrows at 1.50m with in situ bivalves below becoming increasingly bioturbated, argillaceous downwards | 1.33             | 113.06       |

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| Geological Classification | Description of Strata                                                                                                                                                                                                                                                                      | Thickness metres | Depth metres |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
| Lincolnshire Limestone    | Brought Forward                                                                                                                                                                                                                                                                            |                  | 113.06       |
|                           | Sand, pale grey, soft, disaggregated during drilling, about                                                                                                                                                                                                                                | 0.15             | above 113.21 |
|                           | Sandstone, medium-grey, fine-grained, silty, argillaceous and micaceous with abundant plant debris, more blue-hearted cemented bodies, bioturbated throughout. Becoming increasingly carbonaceous downwards,                                                                               |                  | above        |
|                           | passing 2.20m                                                                                                                                                                                                                                                                              | 0.25             | 113.46       |
|                           | Limestone, medium bluish-grey, coarse shell debris, in a sparry limestone matrix, extremely hard and massive. Abrupt base                                                                                                                                                                  | 0.16             | 113.62       |
|                           | Limestone, medium grey, very fine-grained, sandy, abundant plant debris, occasional shells and scattered shell debris. Irregular wispy bedding, with indistinct bioturbation                                                                                                               | 0.38             | 114.00       |
|                           | Run 114-117.6m. Recovery c. 2.10m                                                                                                                                                                                                                                                          |                  |              |
|                           | Limestone, medium grey with blue-hearted bands, fine sandy shell-fragmental limestone with micaceous, carbonaceous, plant debris rich wisps, some pale olive-grey micrite bands and burrow infillings and some medium grey clay wisps in lower part. Abrupt base                           | 0.27             | 115.94       |
|                           | Core fragmentary below, includes limestone nodule with pyritic veining penetrated by black pellet and shell debris rich clay and pelletiferous marl associated with fragments of finely laminated micaceous silty mudstone with fine shell debris, occasional bivalves, and pale fawn silt |                  |              |
|                           |                                                                                                                                                                                                                                                                                            |                  |              |
| ? base                    |                                                                                                                                                                                                                                                                                            |                  |              |
| Lincolnshire Limestone    |                                                                                                                                                                                                                                                                                            |                  |              |
| Lower Estuarine Series    |                                                                                                                                                                                                                                                                                            |                  |              |

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| Geological Classification | Description of Strata                         | Thickness metres | Depth metres |
|---------------------------|-----------------------------------------------|------------------|--------------|
| Lower Estuarine Series    | Brought Forward                               |                  | 115.94       |
|                           | burrows; and black shaley mudstone with       |                  |              |
|                           | pale olive shell-debris clay and clean        |                  | above        |
|                           | sand-filled burrows. Seen about               | 0.13             | 116.07       |
|                           | Fragments, below consist of pale olive-grey   |                  |              |
|                           | laminated siltstone with dark clay wisps      |                  |              |
|                           | and pale grey cross-bedded fine sand lenses.  |                  | above        |
|                           | About                                         | 0.10             | 116.20       |
|                           | Striped beds, interbedded pale grey and fawn  |                  |              |
|                           | lensing silt and fine sand laminae in a       |                  |              |
|                           | dark grey mudstone matrix, some shell-debris  |                  |              |
|                           | lenses and bivalves of marine aspect,         |                  |              |
|                           | distinct pyritic lens at 0.80m with 5cm       |                  |              |
|                           | pale grey fine sandstone band, below          |                  |              |
|                           | continuing in wispy striped siltstone with    |                  |              |
|                           | occasional shell debris, distinct burrows     |                  | above        |
|                           | in places                                     | 0.60             | 116.80       |
|                           | Mudstone, very dark grey with ultrafine white |                  |              |
|                           | laminae, distinct slickensides, disturbed     |                  |              |
|                           | bedding with compactional bioturbation        |                  | above        |
|                           | structures Passes at                          | 0.80             | 117.40       |
|                           | Mudstone, dark grey, barren, sheared with     |                  | above        |
|                           | numerous slickensides. seen                   | 0.20             | 117.60       |
|                           | End of borehole                               |                  |              |