Report Title:

# Phase 1 Geo-Environmental Desk Study

Project Name:

## Cloot Drove, Crowland



Report Reference: **BRD4519-OR1-A**

Date: **December 2024**

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# REPORT CONTROL SHEET

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|---|---|
| **REPORT TITLE** | **PHASE 1 GEO-ENVIRONMENTAL DESK STUDY** |
| **PROJECT** | **CLOOT DROVE, CROWLAND** |
| **CLIENT** | **ALLISON HOMES EAST** |

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**BRD Environmental Limited**

Geotechnical and Environmental Services

- Ground Investigation
- Japanese Knotweed Removal
- Soil, Water and Gas Testing
- Contamination Assessment
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# REPORT LAYOUT

This report is divided into the following four sections: Summary Report, Technical Report, Supporting Information and Appendices.

**SUMMARY REPORT**

This expanded executive summary provides the main findings of the work undertaken in brief non-technical language. This section provides an overview of the key outcomes for the benefit of non-specialists and concludes with the main recommendations. This section should only be relied upon in the context of the whole report and the Technical Report should be referred to with respect to any design decisions.

**TECHNICAL REPORT**

The main report section is intended to provide the technical detail of the investigation and is intended to provide the level of information required by current guidance documents and practice. The Technical Report is written in a language that, in part, assumes knowledge of subject matter so that it can be written in as concise a form as possible. Its intended audience is peers, regulators and other professionals in related disciplines.


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## SUPPORTING INFORMATION

This section of the report provides background details of a generic nature together with specific technical approaches adopted by BRD and details of the guidance documents that are commonly referenced in the report. The section also includes explanations of technical terms to assist non-specialist readers in understanding the Technical Report. It should be noted that not all the information within this section is necessarily applicable to this specific report.

## APPENDICES

The final section of the report presents the factual data collected and employed as part of the investigation.

**APPENDIX 1 SITE PLANS & PHOTOGRAPHS**

| | |
|---|---|
| Site Location Plan | Ref. BRD4519-OP4-A |
| Site Walkover Photographs | Ref. BRD4519-OP5-A |
| Proposed Development Plan | 'Testing Layout' Pegasus Group, Dwg. P24-1403_DE_001-o1 Rev. B, Dated 18/07/2024. |
| Site Features Plan | Ref. BRD4519-OP6-A |
| Initial Conceptual Site Model | Ref, BRD4519-OP7-A |

**APPENDIX 2 HISTORICAL PLANS**

| | |
|---|---|
| Order No. 363276827_1_1 | 32 x A3 pages |

**APPENDIX 3 ENVIROCHECK REPORT**

| | |
|---|---|
| Order No. 363276827_1_1 | 84 x A4 pages & 21 x A3 pages |

# SUMMARY REPORT

| SUBJECT | COMMENTS |
|---|---|
| **CURRENT SITE CONDITION** | The site is currently formed of two arable fields, with the internal field boundary aligned roughly east northeast to west southwest across the southern part of the site. |
| **PROPOSED DEVELOPMENT** | It is proposed that the site will be developed for residential use, with houses with private gardens, access roads, areas for parking and public open space. |
| **HISTORICAL SUMMARY** | The earliest map reviewed, 1887, show the site to be part of three undeveloped fields. Little changed on the site between then and now, except some use as allotment gardens in the early 20th Century and the infilling of a ditch around the 2000s that formed one of the internal field boundaries. |
| **PUBLISHED GEOLOGY** | The BGS map shows most of the site to be underlain by superficial Abbey Sand and Gravel overlying the bedrock of the Oxford Clay Formation. However, the northwestern corner is shown to be underlain by superficial Tidal Flats Deposits onto the Oxford Clay Formation. |
| **RADON GAS** | Radon gas protection measures are not required. |
| **HYDROGEOLOGY** | Most of the site is underlain by a Superficial Secondary A Aquifer, the Abbey Sand and Gravel, with the underlying Oxford Clay Formation and the Tidal Flats Deposits (if present) classified as Unproductive Strata.<br>The site is not within a Source Protection Zone (SPZ). |
| **HYDROLOGY** | There are drainage ditches on site and along some of the site's boundaries, with the nearest surface watercourse being the River Welland, which approximately 1.2km to the west.<br>Most of the site is located in a Zone 3 area and is likely to be affected by flooding. A Flood Risk Assessment should be undertaken for the site and proposed development. |
| **PREVIOUS GROUND REPORTS** | BRD is not aware of any previous ground investigations having been conducted at the site. |
| **PRELIMINARY CONTAMINATION RISK ASSESSMENT** | |
| The site is unlikely to offer any significant contamination risks. The previous use of the site as allotments and agricultural fields could have given rise to some residual contaminants within the surface soils, however, the potential risks are relatively low. Likewise, the potential cross boundary migration of contaminants from the nearby electricity sub-station to the north west and a large garage workshop to the east are also potential low risks. | |

| PRELIMINARY GEOTECHNICAL ASSESSMENT | |
|---|---|
| Based on the anticipated ground conditions, shallow strip foundations are possible, however, the following constraining factors should be noted:<br>• There is the potential for shallow groundwater that could make shallow conventional foundations impractical.<br>• There could be some localised deeper Made Ground associated with the historical infilling of a ditch that crosses the site.<br>• Variable soils are likely in some areas at founding depths and may result in the need for some foundations to be reinforced.<br>• Should the Oxford Clay Formation be close to founding depth then this could impact on the depth and design of foundations particularly where they are influenced by trees.<br>Due to the likely presence of shallow groundwater, the use of soakaway drainage is unlikely to be suitable for this site. | |
| **RECOMMENDATIONS** | |
| **PHASE 2 CONTAMINATION ASSESSMENT** | An intrusive ground investigation incorporating both a contamination and geotechnical assessment is being undertaken by BRD and shall be reported separately. |
| **GEOTECHNICAL GROUND INVESTIGATION** | |

# 1. INTRODUCTION TO TECHNICAL REPORT

## 1.1. CONTRACT DETAILS

| | |
|---|---|
| **CLIENT** | Allison Homes Limited trading as Allison Homes East. |
| **SITE** | Land off Cloot Drove, Crowland. |
| **CLIENT'S ADVISORS** | BRD Environmental Limited (BRD) has been commissioned directly by the Client. |
| **REPORT CONTEXT** | It is understood that the Client intends to purchase the site and develop it for residential use. |
| **REPORT TYPE** | Factual and interpretative geo-environmental desk study. |
| **REPORT OBJECTIVES** | The purpose of the report is to undertake a preliminary geo-environmental assessment of the site to accompany a planning application for the proposed development. |

## 1.2. SCOPE OF WORKS

The agreed scope of works for the Phase 1 desk study was:

- Desk based research through the purchase of an Envirocheck report, including:
    - Environmental database search.
    - Environment Agency data.
    - BGS radon maps.
    - Mining and natural cavities database search.
    - Available historical Ordnance Survey plans.
- Interpretation of the geological, hydrogeological and hydrology setting of the site from published sources.
- A site walkover will be undertaken to identify any potential sources of contamination or indication of other ground related hazards at the site and its surroundings. The proposed investigation design will be confirmed at this time.
- Prepare a Phase 1 desk study report including copies of the purchased information, interpretation of the collected data to identify and assess contamination hazards together with any other environmental/geotechnical issues.

## 1.3. REPORT LIMITATIONS

Any site boundary lines depicted on plans included within this report are approximate only and do not imply legal ownership of land. Any observations of tree species, asbestos containing materials within structures or invasive weeds, does not constitute a formal survey of such features. The identification of such features is therefore tentative only. In the case of Japanese Knotweed, BRD can undertake separate surveys for this plant undertaken by a Property Care Association qualified surveyor.

The report does not consider whether sensitive ecology or archaeology is present as these require consideration by professionals specialising in these matters. It should be recognised that the collection of desk study information may not be exhaustive and that other information pertinent to the site may be available.

It is emphasised that a desk study and walkover can only indicate the potential for contamination on the site. This study aims to highlight potential pollutant linkages in line with current guidance. The plausibility of these linkages can only be proved by an intrusive ground investigation.

It should be noted that a desk study and walkover can only reveal the potential for certain types of ground conditions and geotechnical hazards. For any form development an intrusive ground investigation is recommended. The scope of this investigation excludes a formal slope stability study, and any observations made regarding slopes are for information only.

# 2. SITE CHARACTERISTICS

## 2.1. SITE SETTING

| | |
|---|---|
| **SITE ADDRESS AND POST CODE** | Land off Cloot Drove, Crowland, Peterborough, PE6 0JG. |
| **NATIONAL GRID REFERENCE** | Approximate centre of the site - 524558, 311117. |

## 2.2. SITE DESCRIPTION

| | |
|---|---|
| **INSPECTION DATE** | 7th November 2024. |
| **CURRENT USE** | The site is currently formed of two arable fields, with the internal field boundary aligned roughly east northeast to west southwest across the southern part of the site. |
| **AREA** | Approximately 8 hectares. |
| **SHAPE** | The site is an L-shaped parcel of land, with overall dimensions of approximately 465m by 300m. |
| **ACCESS** | Access to the site is gained through an open entrance in the northern part of the western boundary, via Cloot Drove. |
| **BOUNDARIES** | The northern boundary and northern part of the eastern boundary is formed by a drainage ditch, with a hedgerow forming the rest of the eastern boundary. The southern boundary is mainly formed by a hedgerow. The southern part of the western boundary is formed by a wooden fence, and the northern part by a ditch. |
| **TOPOGRAPHY** | The site is flat lying. |
| **SURFACING** | The site's surface is a ploughed arable field. |
| **BUILDINGS** | There are no existing buildings on the site. |
| **VEGETATION** | There are hedgerows, which include mature trees, around the eastern and southern boundaries and the internal boundary in the southern half of the site. Also, there is a wooded area to the northeast of the site and trees adjacent to the southern part of the western boundary. |
| **NOTABLE FEATURES AND OBSERVATIONS** | No obvious signs or sources of on-site contamination were noted during the inspection.<br>The water level in the ditch forming the northern boundary was approximately 1.25m below the general ground level across the site.<br>There are overhead electricity cables, associated with an adjacent sub-station to the north west, aligned roughly east to west across the northern part of the site. In addition, there are underground electric cables and gas pipes close to the western boundary within the verge to the road. |

| | |
|---|---|
| **SURROUNDING LAND USE** | The site is located on the northern outskirts of the town of Crowland, in a mixed residential, commercial and agricultural area. |
| **TO THE NORTH** | Land to the north is formed by agricultural land, however, there is also an electricity sub-station just beyond the northwestern corner of the site. |
| **TO THE EAST** | Land to the east is formed by a commercial development, some wooded land and an undeveloped grass field. |
| **TO THE SOUTH** | Land to the south is formed by a residential development. |
| **TO THE WEST** | Land to the west, beyond Cloot Drove, is agricultural. |

## 2.3. SITE HISTORY

| **MAPPED HISTORY** | | |
|---|---|---|
| **DATE RANGE** | **SITE** | **SURROUNDING AREA** |
| 1887 / 1888 | The earliest maps reviewed show the site as part of three undeveloped fields, separated by roughly east northeast to west southwest aligned drainage ditches. | The earliest maps reviewed show no buildings within 100m. A road, on the same configuration as the current Cloot Drove, formed the western boundary, with fields and drainage ditches beyond the rest of the boundaries.<br>A number of ponds are shown in the field to the south east of the site. |
| 1904 | The 1904 map shows the site to be part of allotment gardens.<br>Unfortunately, there are no further map editions until 1952 to establish for how long the site may have remained in this land use. | The allotment gardens extended beyond the northern boundary and there was a small unlabelled building just to the east of the site. |
| 1952 to 1975 | The site is shown as three undeveloped fields again. | By 1952 a few houses have been constructed to the south of the site, but the surroundings are largely unchanged. By 1975, the land to the east of the site is shown to be wooded. |
| 1979 to 1995 | The site is largely unchanged but an associated track has been formed in the western area of the site. | An electricity sub-station has been constructed just beyond the northwestern corner of the site and a residential development to the south.<br>Between 1979 and 1984 a commercial development is shown to have been constructed in the adjacent field to the east of the site. The ponds are still retained in the development. |

| MAPPED HISTORY | | |
|---|---|---|
| **DATE RANGE** | **SITE** | **SURROUNDING AREA** |
| 1999 to 2024 | Between 2000 and 2006 one of the internal drainage ditches has been removed, leaving the site as part of two fields. | A commercial development, on the same configuration as the current adjacent development, has been constructed just beyond the eastern boundary. The wooded area is shown to have been removed by the 1999 aerial image, with the expansion of the development.<br>Residential development continued to the south of the site, and by the 2006 it is shown as the current level of neighbouring development. |

| | |
|---|---|
| **AERIAL IMAGERY** | Google Earth imagery from 1999 shows the site divided into three agricultural fields, with the boundaries aligned roughly east-north-east to west-south-west. Between 2000 and 2005 one of the internal field boundaries was removed to leave the site as part of two fields. |
| **INTERNET SEARCH** | No information specific to the site was identified. |
| **ANECDOTAL** | No anecdotal evidence of site history was gained during the study. |

## 2.4. GEOLOGY

| | |
|---|---|
| **GEOLOGICAL CONTEXT** | The local geology is anticipated to mainly comprise shallow superficial soils affected by fluvial or marine processes onto Jurassic age bedrock marine deposits.<br>There is no artificial or Made Ground shown on, or close to the site.<br>There are no faults shown on, or close to, the site. |
| **SUPERFICIAL DEPOSITS** | The site is shown to be mainly underlain by the Abbey Sand and Gravel, with Tidal Flat Deposits across the northwestern area. Abbey Sand and Gravel is described as sand and gravel that locally maybe clayey and the Tidal Flat Deposits as soft silty clay, with layers of peat and sand.<br>The Tidal Flat Deposits are shown on the BGS map as the near surface strata beyond the site to the north. In addition, reference to the BGS map for the area indicates the potential presence of discontinuous spreads of Glacial Till across the wider area. |
| **BEDROCK GEOLOGY** | The bedrock under the site, and surrounding area, is the Oxford Clay Formation, which is described as mudstone. However, it is likely to comprise a more weathered clay in its upper parts. In this area, the Oxford Clay Formation is known to be up to 73m thick and underlain by the Kellaway Sand Member, which is described as sandstone. |

| | |
|---|---|
| **BGS BOREHOLE RECORDS** | The logs from two historical BGS boreholes formed at the site have been reviewed.<br><br>Borehole reference TF21SW42 was formed close to the northeastern corner of the site in 1979. It records encountering topsoil down to 0.5m depth onto predominantly pale brown silt with some sand down to 1.1m depth. Beneath the silt, clayey sandy gravels of limestone, flint, quartzite and ironstone, which included some cobbles, were recorded down to 4.8m depth. Mainly stiff clay was encountered below the gravel and down to the base of the borehole, at 6.5m depth. Groundwater was struck at 0.33m depth.<br><br>Borehole reference TF21SW43 was formed close to the western site boundary, also in 1979. It records encountering topsoil down to 0.5m depth onto silt down to 1.0m depth. Beneath the silt, very clayey gravelly sand was encountered down to 3.0m depth onto sandy gravel down to 4.8m depth. The gravel consisted mainly of flint, limestone and ironstone, but also included some chalk. Beneath the gravel, mainly stiff clay was encountered down to the base of the borehole at 6.0m depth. Groundwater was struck at 0.15m depth.<br><br>It is considered the silt encountered down to 1.0m and 1.1m depth at the two historical boreholes is likely to be representative of the Tidal Flat Deposits, with the sand and gravels beneath representing the Abbey Sand and Gravel, and the underlying clay the Oxford Clay Formation. It is worth noting that the groundwater levels are particularly shallow. |
| **SOIL GEOCHEMISTRY** | The site is not situated in an area where the natural background concentrations of metals is elevated. |

## 2.5. RADON

The site is not situated within an area where radon gas protection measures are required in new buildings.

## 2.6. HYDROGEOLOGY

| | |
|---|---|
| **SUPERFICIAL AQUIFER** | Secondary A Aquifer, the Abbey Sand and Gravel, across most of the site, with Unproductive Strata, the Tidal Flat Deposits, across the northwestern corner. |
| **BEDROCK AQUIFER** | Unproductive Strata, the Oxford Clay Formation, across the whole site. |
| **AQUIFER PROPERTIES** | The site is located in a low-lying area that is renowned for requiring draining to take groundwater down to levels that allow development and farming. Unsurprisingly, the historical borehole logs record encountering shallow groundwater, 0.15m and 0.33m depth, which indicates the superficial aquifer is likely to be saturated.<br><br>Based on the direction of flow of the nearest surface watercourse, River Welland, it is considered the direction of groundwater flow is likely to be towards the north. |

| | |
|---|---|
| **LICENSED GROUNDWATER ABSTRACTIONS** | There are no current licensed groundwater abstractions within 250m of the site. |
| **GROUNDWATER SOURCE PROTECTION ZONE (SPZ)** | The site is not located within a SPZ. |

## 2.7. HYDROLOGY

| | |
|---|---|
| **SITE DRAINAGE CHARACTERISTICS** | The site is flat lying with exposed soils. There are drainage ditches along some of the site's boundaries and along the internal field boundary, however, no evidence of other man-made drainage features was noted during the walkover.<br>On the basis of the above, it is anticipated all the rainwater will drain into the soils under the site, with some of it reaching the various drainage ditches and some of it reaching the underlying aquifer. |
| **SURFACE WATER FEATURES** | There are drainage ditches on the site and around the site's boundaries. These link into the complex array of drainage across the wider area. The closest surface water course is the River Welland, which is located approximately 1.2km west of the site, and in this area flows towards the north. |
| **SURFACE WATER ABSTRACTIONS** | There are no current surface water abstraction licenses within 250m of the site. |
| **DISCHARGE CONSENTS** | There are no discharge consents on, or close to, the site. |
| **FLOODING** | Most of the site is located in a Zone 3 area and is likely to be affected by flooding.<br>On this basis and as the site is greater than one hectare in area, a Flood Risk Assessment will have to be undertaken for the site and proposed development. |

## 2.8. ENVIRONMENTAL ASPECTS

| | |
|---|---|
| **LANDFILL** | There are no recorded landfill sites within 250m of the site. |
| **CONTEMPORARY TRADE DIRECTORY ENTRIES** | The Envirocheck Report records 2No. contemporary trade entries within 100m of the site.<br>The nearest of these is a commercial business to the east of the site. This business is a garage workshop and classified as active.<br>The other entry was for a car workshop, was located 76m south and is classified as inactive. Given the residential estate in this location, this entry is likely just for a registered company to a residential address and as such is unlikely to present a cause for concern. |

| | |
|---|---|
| **REGISTERED HAZARDOUS SITES** | None within 250m of the site. |
| **POLLUTION INCIDENTS TO CONTROLLED WATERS** | There has been one pollution incident within 250m. The pollution incident was to air and was located 62m south southeast of the site and occurred in 2002. It involved unspecified atmospheric air pollutants and was classified as a Category 2 Significant Incident. Taking account of the time since the incident and its location off-site, this incident is not considered to present a cause for concern and as such is not considered further. |
| **ECOLOGICALLY SENSITIVE LAND USE** | None identified within 250m. |

## 2.9. PREVIOUS GROUND INVESTIGATIONS

BRD is not aware of any previous ground investigation at the site.

# 3. PRELIMINARY CONTAMINATION RISK ASSESSMENT

## 3.1. HAZARD IDENTIFICATION

| INVALID CONTAMINATION SOURCES | |
|---|---|
| **HISTORIC LAND USE** | **DISCUSSION AS TO WHY THE HISTORICAL USE IS NOT CONSIDERED TO PRESENT A PLAUSIBLE HAZARD** |
| Residential area to the south. | The residential development to the south is not considered a significant contamination hazard to the site and therefore is not considered further. |
| Infilled ditch | A section of ditch crossing the north eastern section of the site was seemingly infilled around the 2000s. This ditch is unlikely to have been that deep and is also likely to have just been filled with reworked soils and graded out. The ditch is therefore unlikely to offer a contamination source either from direct contact with soils or from potential gas generation from backfilled organic matter. |

| POTENTIAL ON SITE SOURCES | | |
|---|---|---|
| **HISTORIC LAND USE** | **DESCRIPTION OF POTENTIAL CONTAMINATION HAZARD** | **POTENTIAL CONTAMINANTS OF CONCERN** |
| Agricultural fields. | Due to the historical use of the site as open fields, it is unlikely that there is any significant on-site source of contamination. However, the historic use of pesticides may have occurred on site. | Pesticides. |
| Allotment Gardens. | The site was used as allotment gardens for an unspecified length of time between the 1900s and 1950s. Whilst a relatively low key activity, there could also have been the use of pesticides and/or metals and polycyclic aromatic hydrocarbons (PAH) from bonfires and the like. Since the agricultural use of the site, these could have become incorporated into the surface topsoil. | Pesticides.<br>Metals.<br>PAH. |

| POTENTIAL OFF-SITE SOURCES | | |
|---|---|---|
| **HISTORIC LAND USE** | **DESCRIPTION OF POTENTIAL CONTAMINATION HAZARD** | **POTENTIAL CONTAMINANTS OF CONCERN** |
| Electrical sub-station just to the northwest of the site. | Spillage of dielectric oils and/or polychlorinated biphenyls (PCBs) at the sub-station, and their migration onto the site, albeit this would be very limited to the adjacent boundary as they are not particularly mobile compounds. | Petroleum hydrocarbons (dielectric mineral oil).<br>PCBs. |

| POTENTIAL OFF-SITE SOURCES | | |
|---|---|---|
| **HISTORIC LAND USE** | **DESCRIPTION OF POTENTIAL CONTAMINATION HAZARD** | **POTENTIAL CONTAMINANTS OF CONCERN** |
| Current and historical garage and car workshops to the east | Various chemicals will have been stored at the workshops. Spills and leaks of these chemical may have occurred, with associated migration of them onto the site. | Petroleum hydrocarbons (diesel, lubricating oils, greases and/or petrol).<br>Solvents.<br>Asbestos containing materials (e.g. brake linings).<br>Metals. |

## 3.2. RECEPTOR ASSESSMENT

| CONTEXT | |
|---|---|
| **ASSESSMENT LAND USE CATEGORY** | Residential with plant uptake. |
| **DESCRIPTION OF PROPOSED LAND USE** | The proposed end use of the site is for houses with private gardens, access roads, areas for parking and public open space, as shown on the proposed development plan in Appendix 1. |

| RECEPTORS | |
|---|---|
| **RECEPTOR** | **DISCUSSION** |
| **HUMAN HEALTH** | Residents, with zero to 6 year old child most sensitive receptor. |
| **CONTROLLED WATERS GROUNDWATER** | Superficial Secondary A Aquifer – Abbey Sand and Gravel. |
| **CONTROLLED WATERS SURFACE WATER** | There are no nearby controlled watercourses, however, there are drainage ditches on the site and around some of the site's boundaries. |
| **BUILDING MATERIALS AND SERVICES** | Water service pipes.<br>Buried concrete. |

## 3.3. INITIAL CONCEPTUAL MODEL

| | |
|---|---|
| **POLLUTANT LINKAGES** | The pollutant linkages are best presented in a diagrammatic form and the initial conceptual site model plan is presented in Appendix 1. The individual pollutant linkages as numbered on the plan are described further in section 3.4 below. |
| **INVALID POLLUTANT LINKAGES** | There are no invalid pollutant linkages for the identified potential contamination sources. |
| **LIMITATIONS AND UNCERTAINTIES** | The preliminary conceptual model has been developed based solely on desk-based research and assessment. The only way to conclusively determine the presence or absence of contamination is with intrusive site investigation. |

## 3.4. PRELIMINARY ASSESSMENT OF CONTAMINATION RISKS

The following table identifies the potential risks that exist to the receptors through each of the identified pollutant linkages in the conceptual site model. It should be noted that the numbers referred to for each of the pathways refers to the numbered pollutant linkages from the Initial Conceptual Site Model Plan, as presented in Appendix 1.

| POTENTIAL SOURCES AND CONTAMINANTS | PATHWAYS (REFERENCE FROM MODEL) | RECEPTORS | HAZARD SEVERITY | PROBABILITY OF OCCURRENCE | POTENTIAL RISK |
|---|---|---|---|---|---|
| Agricultural fields & Allotments gardens<br>Pesticides.<br>Metals.<br>PAH. | Ingestion<br>Inhalation<br>Direct contact (1) | Future residents | Human health effects - Medium | The site is unlikely to have been intensively farmed and the allotment gardens were at least 70 years ago. Therefore any residual contaminants will only likely be at trace concentrations – Low likelihood. | Moderate/Low |
| | Surface run-off and lateral migration (2) | Drainage ditches, on-site and along the boundaries. | Surface water – Mild | | Low |
| | Lateral and vertical migration into Aquifer (3) | Groundwater | Secondary A Aquifer – Mild | | Low |
| | Direct Contact (4) | Building Materials and Services | Building materials - Medium | | Moderate/Low |
| Off-site sources.<br>Sub-station - Petroleum hydrocarbons and PCBs.<br>Car and Garage Workshops. | Ingestion<br>Inhalation<br>Direct contact (5) | Future residents | Human health – Medium | The nearby commercial businesses are considered unlikely to have caused significant contamination that would affect the site, particularly given | Moderate/Low |
| | Surface run-off and lateral migration (6) | Drainage ditches on-site and along the boundaries. | Surface water – Mild | | Low |

| POTENTIAL SOURCES AND CONTAMINANTS | PATHWAYS (REFERENCE FROM MODEL) | RECEPTORS | HAZARD SEVERITY | PROBABILITY OF OCCURRENCE | POTENTIAL RISK |
|---|---|---|---|---|---|
| Petroleum hydrocarbons, Solvents, and Metals. | Lateral and vertical migration (7) | Groundwater | Secondary A Aquifer – Mild | the ditches on the site boundary preventing migration – Low likelihood | Low |
| | Direct Contact (8) | Building Materials and Services. | Building materials - Medium | | Moderate/Low |

## 3.5. RECOMMENDATIONS

Potential contamination risks have been identified by this Phase 1 Desk Study and therefore a Phase 2 Contamination Assessment is recommended to assess the significance of these potential pollutant linkages. An intrusive ground investigation incorporating a Phase 2 Contamination Assessment is being undertaken by BRD and shall be reported separately.

# 4. IMPLICATIONS FOR CONSTRUCTION

## 4.1. GEOTECHNICAL CONSIDERATIONS

The following is a checklist summary of geotechnical hazards and their likelihood to have an impact on the proposed development of the site.

| GEOTECHNICAL HAZARD | LIKELY TO AFFECT SITE? | COMMENT |
|---|---|---|
| Removal of existing sub-structures affecting new foundations. | ✘ | No evidence of former structures on the site has been revealed by the desk study. |
| Deep Made Ground. | ✓ | No Made ground is shown on the BGS map, however, there may be localised Made Ground associated with the infilling of a ditch. Depending on the soils used to infill it, it may complicate the design and construction of foundations straddling this feature. |
| Historic wells. | ✘ | - |
| Soft or compressible natural deposits such as Alluvium or Peat. | ✓ | Tidal Flat Deposits, which may contain organic soils, are shown across the northwestern corner of the site and beyond the site to the north. Should any such soils be present under the site this may complicate the design and construction of foundations. |
| Changes in ground conditions within short distances. | ✓ | Most the site is shown to be underlain by Abbey Sand and Gravel; however, the northwestern corner is shown to be underlain by Tidal Flat Deposits. Should variable soils be present this may complicate the design and construction of foundations. |
| Fine soils that have a volume change capacity. | ✓ | The Oxford Clay Formation typically has a medium volume change potential, and if these soils present, at or close to, founding depths they are likely to impact on foundation design. Existing and proposed trees will further complicate foundations. |
| Dissolution features or 'swallow holes.' | ✘ | - |
| Cambering of valley sides with possibility of 'gulls.' | ✘ | - |
| Risk of slope instability. | ✘ | - |

| GEOTECHNICAL HAZARD | LIKELY TO AFFECT SITE? | COMMENT |
|---|---|---|
| Shallow groundwater. | ✓ | The site is located in an area known to have shallow groundwater. The historical BGS on-site boreholes recorded groundwater strikes at 0.15m and 0.33m. However, during the site inspection the water level in the ditch along the northern boundary was noted to be approximately 1.25m below the general site level.<br>Shallow groundwater can present construction difficulties and have implications for the design of sub-surface structures. |
| Underground mining. | ✘ | - |
| Geological faults. | ✘ | No known faults on, or close to, the site. |
| Aggressive chemical environment for concrete e.g. expansive slag or high sulphate soils. | ✓ | The Oxford Clay Formation can contain elevated sulphate concentrations which may affect the design and construction of sub-surface structures. |

## 4.2. PRELIMINARY GEOTECHNICAL ASSESSMENT

Based on the anticipated ground conditions, shallow strip foundations are possible, however, the following constraining factors should be noted:

- There is the potential for shallow groundwater that could make shallow conventional foundations impractical.
- There could be some localised deeper Made Ground associated with the historical infilling of a ditch that crosses the site.
- Variable soils are likely in some areas at founding depths and may result in the need for some foundations to be reinforced.
- Should the Oxford Clay Formation be close to founding depth then this could impact on the depth and design of foundations particularly where they are influenced by trees.

Due to the likely presence of shallow groundwater, the use of soakaway drainage is unlikely to be suitable for this site.

For any form of development, BRD recommend that an intrusive ground investigation is undertaken in order to confirm ground conditions and allow design of the new structures. An intrusive ground investigation incorporating a geotechnical assessment is being undertaken by BRD and shall be reported separately.

## 4.3. CONSTRUCTION CONSIDERATIONS

As with any construction site, if any anomalous material is encountered during the redevelopment, then expert environmental advice should be sought.

# REPORT SPECIFIC REFERENCES


- British Geological Survey sheet 158 'Peterborough' Solid and Drift edition (1:50,000) published 2010.

# *SUPPORTING INFORMATION*

## *SITE CHARACTERISTICS*

*The site characteristics are collated from various information sources, including but not limited to Ordnance Survey, British Geological Survey (BGS), Environment Agency (EA) and local authorities.*

*BRD generally commission the Landmark Information Group to produce an Envirocheck Report for study sites and where employed this is included in the Appendices. It should be noted that some of the data provided in the Envirocheck report is not considered within BRD's interpretation for the site characteristics as it is not relevant. Examples of this are:*

- *Nitrate Sensitive Zones and Nitrate Vulnerable Zones are ignored as these are only applicable to agricultural activities relating to the application of manure and fertilisers to land.*
- *River Quality is ignored as at this preliminary stage of risk assessment as all surface water bodies are considered equally sensitive to contamination risks.*

*In assessing site characteristics, BRD also consider the area within a surrounding 250m buffer zone extending from the site boundary.*

### *HISTORY*

*Mapped History*

*The site history summarises the changes in use or layout of the site over time and is largely developed from a study of available Ordnance Survey maps. It should be noted that changes to the site may have occurred between the editions of the maps employed to assess the history of the site. Historical information of relevance within the 250m surrounding the site is also discussed in a separate section. The historical plans referred to in the text are generally included in an Appendix.*

*Aerial photography*

*As a minimum, current and historical aerial images of the site and surrounding areas are studied from the Google Earth program. Where additional historic aerial photographs have been purchased then these are referenced within the technical report.*

*Internet Searches*

*A simple search of the internet for relevant material relating to the use or history of the site is made. Information obtained from internet searches has been accepted as fact without validation by BRD except for ensuring the source is reputable. It should be recognised that due to programme and budgetary constraints the search conducted may not have revealed all the information available.*

### *GEOLOGY*

*The geology of the site is assessed by reference to the relevant British Geological Survey (BGS) 1:50,000 scale sheet in Bedrock and Superficial (historically Solid and Drift) edition. Many of these geological maps are relatively old with superseded terminology and descriptions. BRD therefore employ the BGS Open Geoscience website to determine current nomenclature of strata and to assist in determining geological boundaries against current topographic features. BRD also employ BGS Regional Geology Guides to assist in understanding the geological context of the site.*

*Ground Stability Hazards*

*Ground stability hazards caused by mining, ground dissolution, landslide potential, collapsible ground and natural cavities are identified by the Envirocheck database search of records held by The Coal Authority, British Geological Survey and studies completed by Ove Arup and Peter Brett Associates.*

*The Envirocheck database ground stability hazard entries for compressible ground, running sands and shrinking or swelling clays are not discussed directly. This is because these hazards are very common and are considered within the preliminary geotechnical assessment where necessary.*

*Radon*

*Radon is a naturally occurring colourless and odourless gas that is radioactive. It is formed by the radioactive decay of radium which in turn is derived from the radioactive decay of uranium, both of which are minerals that can be found in many soil types. Whilst it is recognised that the air inside every house contains radon, some houses built in certain defined areas of the country might have unacceptably high concentrations and require special precautions to be taken during construction to reduce this risk.*

*Radon can move through cracks and fissures in the soil into the atmosphere or into buildings via basements and/or underfloor voids. If radon enters the living space of buildings its concentration can potentially increase and provide a risk to human health as the inhalation of the radioactive decay products of radon gas can increase the risk of developing lung cancer.*

*The maps contained within 'Radon: Guidance on protective measures for new buildings' (2015) identify areas where no radon protection measures are necessary or where higher concentrations are present that either basic or full radon protection measures are required to be fitted to all new buildings together with supplementary advice concerning extensions, conversions and refurbishments. However, some local authorities have local bylaws, that BRD may not be aware of, that insist on radon protection to all new dwellings within their area regardless of the recommendations of the 'Radon: Guidance on protective measures for new buildings' (2015) report.*

*Basic radon protection measures comprise incorporation of a continuous gas resistant membrane sealed at joints and around service entries into the floor construction and extended across the cavity tray.*

*Full radon protection measures comprise incorporating a continuous gas resistant membrane into the floor construction together with a ventilated sub-floor void through either the use of suspended floor construction or a 'radon sump'. The membrane is sealed at joints and around service entries into the floor and extended across the cavity tray.*

*'Radon: Guidance on protective measures for new buildings' (2015) should be referred to for detail on the construction of the protective measures.*

## *HYDROGEOLOGY*

*Aquifer Designations*

*The Environment Agency's Groundwater Protection Policy uses designations that reflect the importance of aquifers in terms of groundwater as a drinking water resource, but also their role in supporting surface water flows and wetland ecosystems.*

*In defining groundwater vulnerability, both the superficial (drift) deposits and bedrock (solid) geology are considered separately with the following aquifer designations:*

- *Principal Aquifers: These are layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale.*
- *Secondary Aquifers: These include a wide range of rock layers or drift deposits with an equally wide range of water permeability and storage. Secondary aquifers are subdivided into two types:*
    - *Secondary A - permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.*
    - *Secondary B - predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering.*
- *Secondary Undifferentiated - has been assigned in cases where it has not been possible to attribute either category A or B to a rock type.*
- *Unproductive Strata: These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.*

*Source Protection Zones*

*The Environment Agency (EA) has defined Source Protection Zones for groundwater sources, such as boreholes and springs, that are used for public water supply. The EA uses the zones to target pollution prevention measures and monitor the activities of potential polluters within the affected area. There are three types Source Protection Zone:*

- *Zone 1(Inner Protection Zone) is the most sensitive area within which pollution could reach the borehole within 50 days. Alternatively it is defined by a minimum 50m radius around the borehole.*
- *Zone 2 (Outer Protection Zone) are defined by the area within which pollution could reach the borehole within 400 days or 25% of the total catchment area.*
- *Zone 3 (Total Catchment) are defined by the total area required to support the removal of water from the borehole.*

## *HYDROLOGY*

*Flooding*

*The Environment Agency has zoned England and Wales in respect of the risk from flooding from 'highly unlikely' in Zone 1 to 'likely' in Zone 3. The zones ignore the presence of flood defences or certain other manmade structures and channel improvements.*

*National Planning Policy Framework, Department for Communities and Local Government, dated March 2012 states "A site-specific flood risk assessment is required for proposals of 1 hectare or greater in Flood Zone 1; all proposals for new development (including minor development and change of use) in Flood Zones 2 and 3, or in an area within Flood Zone 1 which has critical drainage problems (as notified to the local planning authority by the Environment Agency); and where proposed development or a change of use to a more vulnerable class may be subject to other sources of flooding".*

## *ENVIRONMENTAL ASPECTS*

*Landfill*

*The database of the Environment Agency of active and historic landfills is searched for all sites. Sometimes additional historic landfill data is available from the British Geological Society and local authorities to identify nearby landfill sites. It should be noted that landfill sites that closed prior to 1974 and unlicensed disposal activities will not necessarily be revealed by this search.*

*Pollution Incidents*

*The Environment Agency ceased recording 'Pollution Incidents to Controlled Waters' in 2000, when they commenced the replacement 'Substantiated Pollution Incident Register'. BRD do not consider any 'Category 3 – Minor Incident' on the 'Pollution Incidents to Controlled Waters' database as relevant to assessing the site due to the time elapsed and the low level of impact that occurred. Again due to the time elapsed and the fact that remedial measures would have been undertaken at the time, 'Category 1 – Major Incident' and 'Category 2 – Significant Incident' are only considered relevant if the impacted controlled water was on or immediately adjacent to the site.*

*On the 'Substantiated Pollution Incident Register', BRD approach to this information in the following manner:*

- *Pollution incidents impacting 'air' only are not considered relevant.*
- *Pollution incidents to 'water' are only considered where the surface water impacted is either on, flows through or is immediately adjacent to the site.*
- *Pollution incidents to 'land' are only considered where these are on or immediately adjacent to the site unless there are grounds to consider that the incident had the potential to impact groundwater that may have migrated beneath the site.*
- *Category 4 potential pollutant incidents are recorded, but upon investigation were found to have had no impact and accordingly are not considered relevant.*

*Ecologically Sensitive Land Use*

*The land uses that are identified as ecologically sensitive are those identified as Sites of Special Scientific Interest (SSSI), Special Areas of Conservation, Special Protection Areas, Ramsar sites, Natural Parks, Natural Nature Reserves, Marine Nature Reserves, Local Nature Reserves, Green Belt, Forest Parks, Environmentally Sensitive Areas, or Areas of Outstanding Natural Beauty.*

# *CONTAMINATION ASSESSMENT METHODOLOGY*

*UK Policy*

*The UK Government's policy in relation to land affected by historic contamination is based on a 'suitable for use' approach. The approach recognises that the risks presented by any given level of contamination will vary greatly according to the use of the land and a wide range of other factors, such as the underlying geology of the site. Contamination risks therefore need to be assessed on a site-by-site basis. The 'suitable for use' approach limits requirements for remediation to the work necessary to prevent unacceptable risks to human health or the environment in relation to either the current use or future use of the land.*

*The three main drivers for contamination assessment and remediation are:*

- *Voluntary action.*
- *Development as part of the planning regime.*
- *Regulatory action to mitigate unacceptable risks e.g. Part 2A of the Environmental Protection Act 1990.*

*Pollutant Linkages*

*For a contamination risk to exist there must be a 'pollutant linkage' from the contaminant (source) via a pathway (the route from contaminant to receptor) to a receptor (the entity that could be harmed). The absence of a contaminant, pathway or receptor breaks the pollutant linkage and therefore no contamination risk exists.*

*Contamination is typically present at a site (in the ground and/or in the underlying groundwater) as a result of a historic or current industrial use, usually as a result of leaks, spills or disposal of residues, wastes and excess raw materials from the industrial processes. Contamination may also be present due to:*

- *The deliberate application of chemicals e.g. the spraying of herbicide/pesticide.*
- *Migration of pollutants from adjacent land.*
- *Naturally occurring processes e.g. elevated concentrations of particular heavy metals associated with specific geological strata.*

*Conceptual Site Model*

*The conceptual site model can be defined as a textual or graphical representation of the identified pollutant linkages for a given site. The model forms the basis for designing the investigation as the aim will be to target all of the potential pollutant linkages to determine, through the subsequent phases of risk assessment, whether or not they pose an actual risk.*

*It is important that the conceptual site model is updated with new information as the various investigation, risk assessment and remediation works are completed.*

*Technical Guidance*

*The technical and legal framework for contamination assessment is complex. The process adopted through this report for assessing contamination risks is in general accordance with the following guidance, as listed below:*

- *'Investigation of Potentially Contaminated Sites - Code of Practice - BS 10175:2011+A2:2017', The British Standards Institution 2017.*
- *Land Contamination Risk Management, Environment Agency, 2021.*
- *'Guidance for the safe development of housing on land affected by contamination - R&D66: 2008', NHBC/Environment Agency, 2008.*

*Risk Assessment Methodology*

*In line with the technical guidance, the contamination risk assessment follows a series of phased stages for each particular site:*

| ***PHASE*** | ***DESCRIPTION*** | ***RISK ASSESSMENT STAGE*** |
|---|---|---|
| ***PHASE1*** | *Generally limited to desk based research and a site walkover survey to develop an initial conceptual site model and identify what risks, if any, are likely to be presented by the site.* | *Hazard Identification and Assessment*<br>*A preliminary stage of risk assessment concerned with identifying and characterising the hazards that may be associated with a particular site and identifying potential pollutant linkages.* |
| ***PHASE 2*** | *This phase is concerned with establishing whether contamination is present, usually through intrusive ground investigation, and then evaluating the degree and magnitude of the associated risks.* | *Risk Estimation*<br>*A stage concerned with estimating the likelihood that receptors will suffer adverse effects if they come into contact with, or are otherwise affected by, a hazardous substance or agent under defined conditions.*<br>*Risk Evaluation*<br>*A stage of risk assessment concerned with evaluating the acceptability of estimated risks, taking into account the nature and scale of the risk estimates, any uncertainties associated with the assessment and the broad costs and benefits of taking action to mitigate risks.* |
| ***PHASE 3*** | *The appraisal and selection of remediation techniques, their implementation and verification.* | *Risk Management*<br>*The process whereby decisions are made to accept a known or assessed risk and/or the implementation of action to reduce the consequences or probabilities of occurrence.* |

*Risk Classification*

*The objective of risk assessment is to identify the nature and magnitude of the potential risks and should be based on a consideration of both:*

- *The likelihood/probability of an event [taking into account both the presence of the hazard and receptor and the integrity of the pathway].*
- *The severity of the potential consequence [taking into account both the potential severity of the hazard and the sensitivity of the receptor].*

*There is a need for a logical, transparent and repeatable system in defining the categories of severity of consequence and likelihood as well as for the risk itself and therefore the following risk rating matrix is employed:*

| | | ***SEVERITY OF CONSEQUENCE*** | | | |
|---|---|---|---|---|---|
| | | ***SEVERE*** | ***MEDIUM*** | ***MILD*** | ***MINOR*** |
| ***PROBABILITY*** | ***HIGH LIKELIHOOD*** | *Very High Risk* | *High Risk* | *Moderate Risk* | *Moderate/Low Risk* |
| | ***LIKELY*** | *High Risk* | *Moderate Risk* | *Moderate/Low Risk* | *Low Risk* |
| | ***LOW LIKELIHOOD*** | *Moderate Risk* | *Moderate/Low Risk* | *Low Risk* | *Negligible Risk* |
| | ***UNLIKELY*** | *Moderate/Low Risk* | *Low Risk* | *Negligible Risk* | *Negligible Risk* |

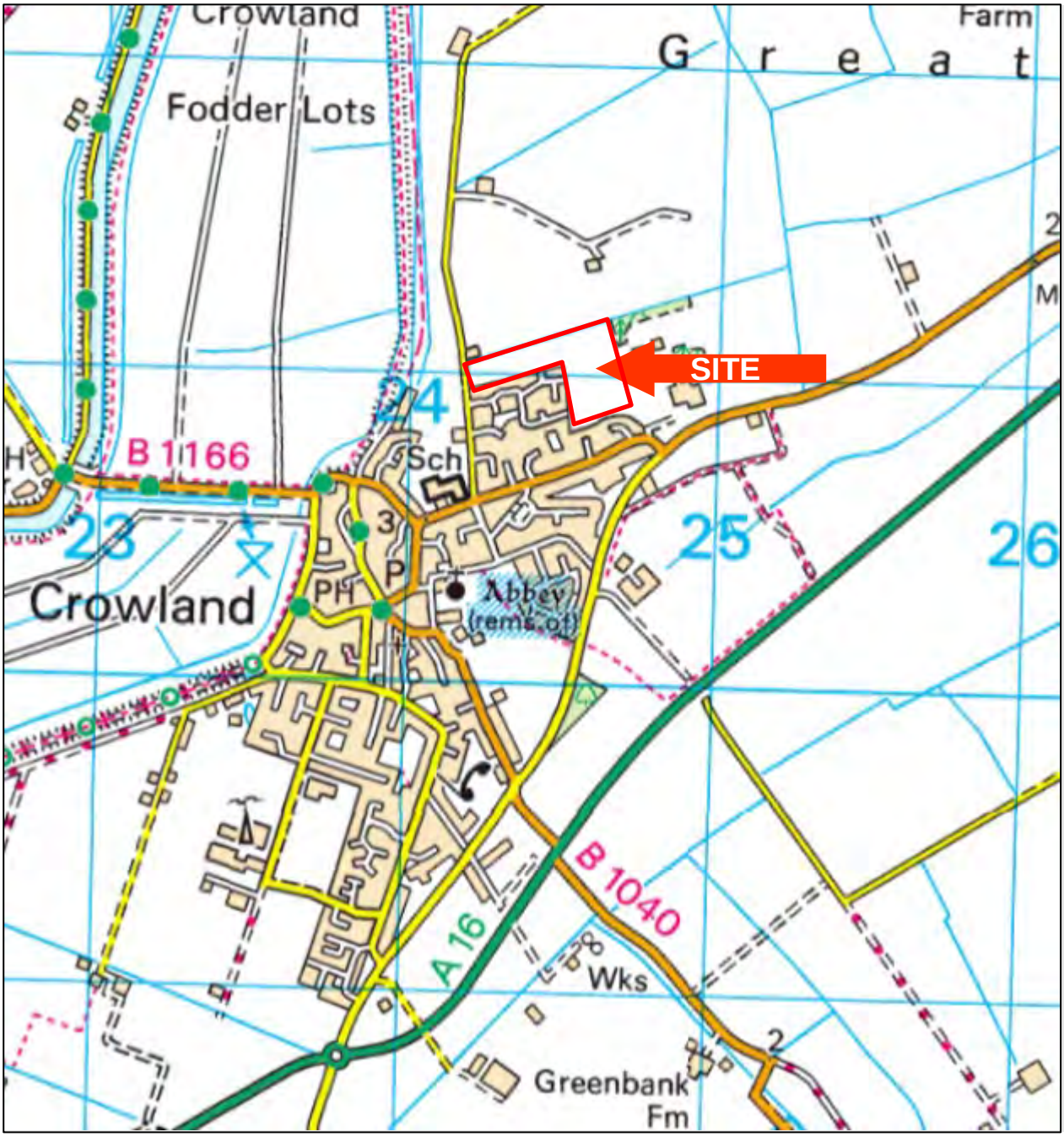
*These risk classifications are defined as follows:*

- *Very High Risk - There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without appropriate remediation action.*
- *High Risk - Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action.*
- *Moderate Risk - It is possible that without appropriate remediation action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild.*
- *Low Risk - It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst if any harm was realised any effects would be mild.*
- *Negligible Risk - The presence of an identified hazard does not give rise to the potential to cause harm to a designated receptor.*

*This preliminary risk assessment matrix and classification system is based on guidance produced by Department for Environment, Food and Rural Affairs (Defra) and the Environment Agency in connection with contaminated land assessment.*

# APPENDIX 1

# Site Location Plan




Not to scale.

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| | |
|---|---|
| Project Title: | Cloot Drove, Crowland |
| Client: | Allispon Homes East |
| BRD Reference: | BRD4519-OP4-A |
| Date Issued: | November 2024 |

BRD
01295 272244
info@brduk.com

# Site Walkover Photographs



Plate 1: Viewing southeast across the northwestern area of the site, from the northwestern corner



Plate 2: Viewing east across the central area of the site, from the western boundary

| | |
|---|---|
| Project Title: | Cloot Drove, Crowland |
| Client: | Allison Homes East |
| BRD Reference: | BRD4519-OP5-A |
| Date Issued: | November 2024 |

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info@brduk.com

# Site Walkover Photographs



Plate 3: Viewing northeast across the northeastern area of the site, from the western boundary



Plate 4: Viewing west across the central area of the site, from the eastern boundary

| | |
|---|---|
| Project Title: | Cloot Drove, Crowland |
| Client: | Allison Homes East |
| BRD Reference: | BRD4519-OP5-A |
| Date Issued: | November 2024 |

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# Site Walkover Photographs



Plate 5: Viewing north along the western boundary, from the southwestern corner.



Plate 6: Viewing northeast across the southern area of the site, from the southwestern corner




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# Site Walkover Photographs



Plate 7: Viewing east along the southern boundary, from the southwestern corner



Plate 8: The electricity substation just beyond the northwestern corner of the site




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## Cloot Drove, Crowland | Accommodation Schedule

**Open Market Units**

| Unit Type | No. Beds | Storeys | No. of Units | Sqft./unit | Total Sqft |
|---|---|---|---|---|---|
| Banbury | 2 | 2 | 8 | 667 | 5,336 |
| Type 2.3 | 2 | 1 | 5 | 699 | 3,495 |
| Ashford | 3 | 2 | 10 | 760 | 7,600 |
| Cranford | 3 | 2 | 18 | 859 | 15,462 |
| Gosford | 3 | 2 | 18 | 956 | 17,208 |
| Oxford | 3 | 2 | 15 | 982 | 14,730 |
| Type 3.5 | 3 | 1 | 5 | 882 | 4,410 |
| Cheltenham | 4 | 2 | 10 | 1119 | 11,190 |
| Eltham | 4 | 2 | 5 | 1240 | 6,200 |
| Northam | 4 | 2 | 11 | 1376 | 15,136 |
| Oakham | 4 | 2 | 13 | 1421 | 18,473 |
| Wickham | 4 | 2 | 6 | 1597 | 9,582 |
| | Total Open Market Dwellings | | 124 | | 128,822 sqft |

**Affordable Units**

| Unit Type | No. Beds | Storeys | No. of Units | Sqft./unit | Total Sqft |
|---|---|---|---|---|---|
| Amberley (GF) | 1 | 1 | 4 | 590 | 2,360 |
| Amberley (FF) | 2 | 1 | 4 | 746 | 2,984 |
| Loxley | 2 | 2 | 12 | 855 | 10,260 |
| Morley | 3 | 2 | 16 | 1001 | 16,016 |
| Oatley | 3 | 2 | 3 | 1001 | 3,003 |
| Totley | 4 | 2 | 2 | 1165 | 2,330 |
| | Total Affordable Dwellings | | 41 | | 36,953 |
| | | Total Dwellings | 165 | | 165,775 sqft |
| | | Net Developable Area | | | 4.75 hectares |
| | | | | | 11.74 acres |
| | | Coverage | | | 14,124 sqft/acre |
| | | Density | | | 35 dph |

Block Paved Area

Denotes Sewer Easement

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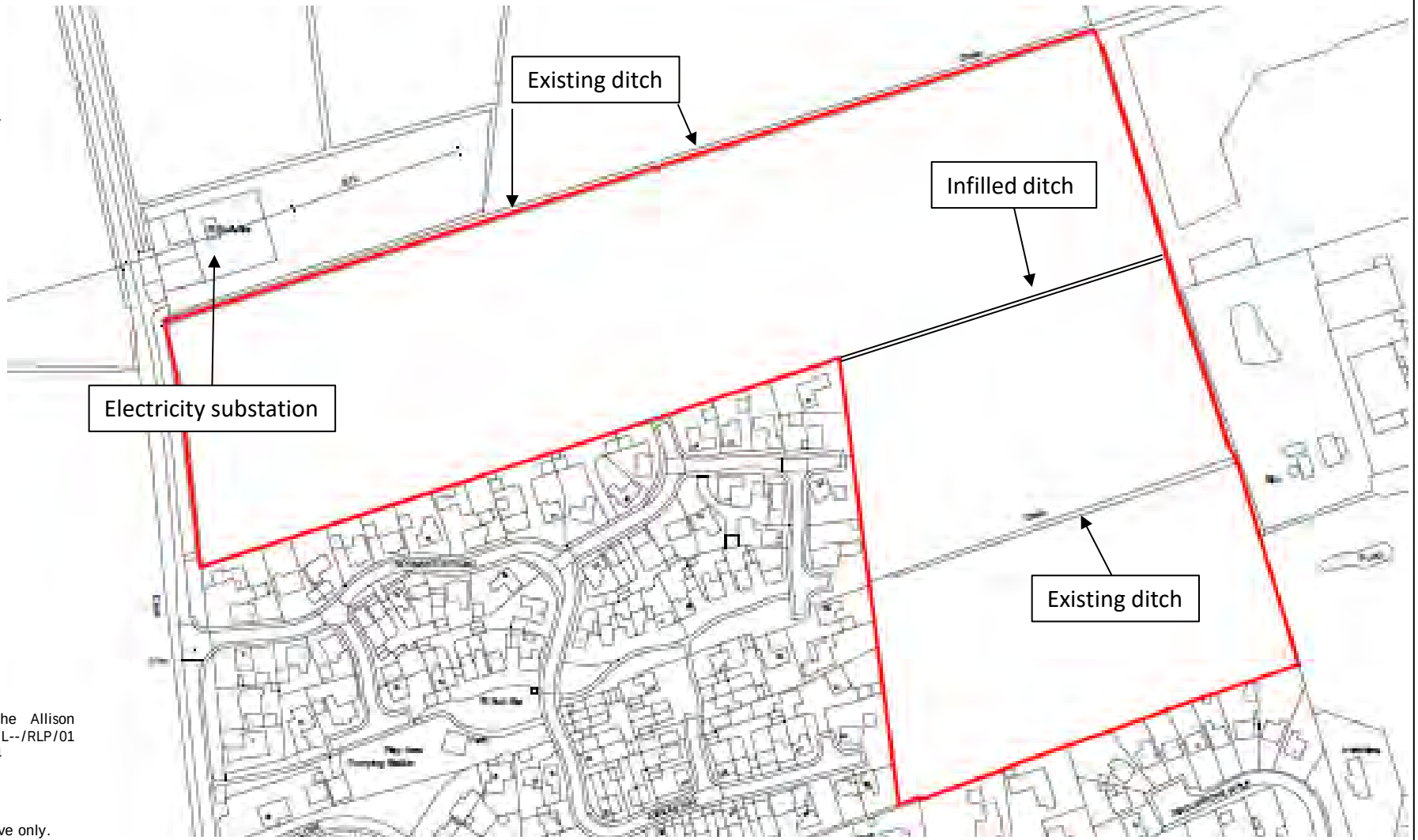
N 0 25 50 m

# LAND AT CLOOT DROVE, CROWLAND / *TESTING LAYOUT*

*| PEGASUSGROUP.CO.UK | TEAM/DRAWN BY: RWB | APPROVED BY: RWB | DATE: 18.07.2024 | SCALE: 1:500@A0 | DRWG: P24-1403_DE_001-01 | REV: B | CLIENT: ALLISON HOMES*

PEGASUS GROUP

# Site Features Plan




Reproduced from the Allison Homes Drawing ref. L--/RLP/01 Dated November 2024

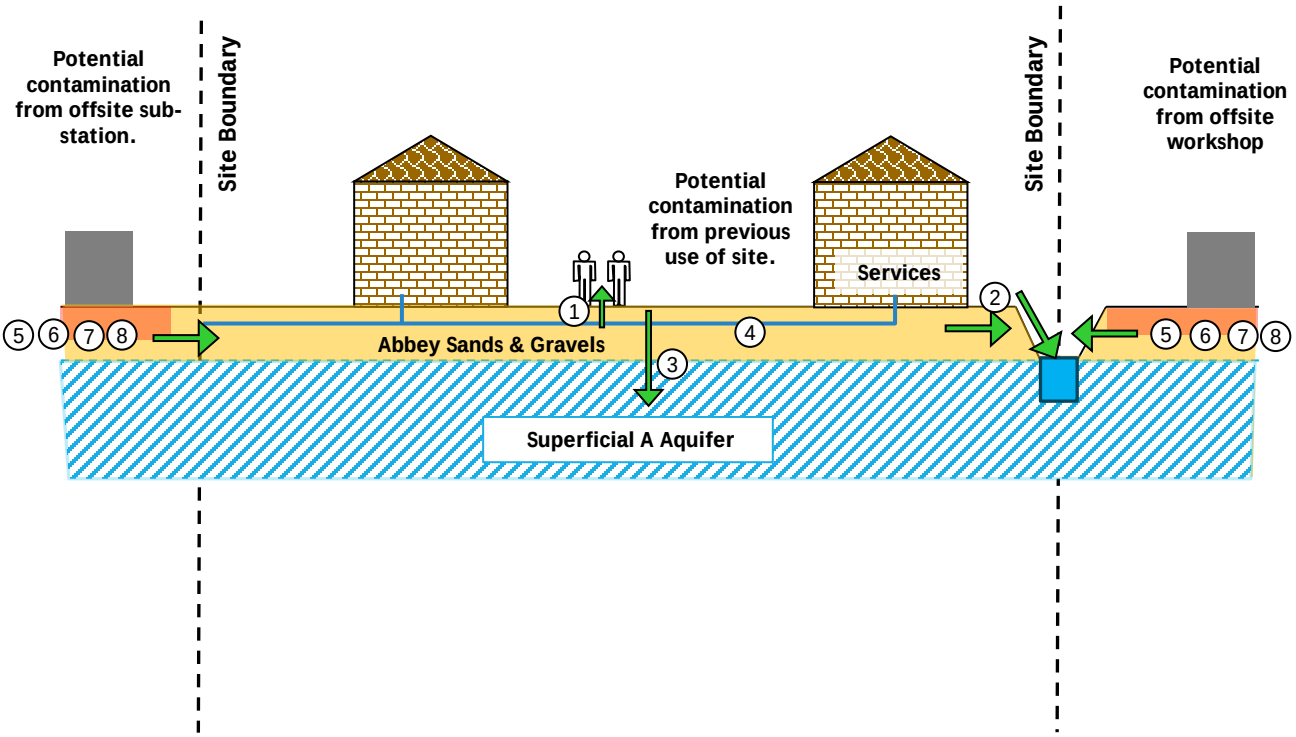
Not to scale.

All positions illustrative only.

| | |
|---|---|
| Project Title: | Cloot Drove, Crowland |
| Client: | Allison Homes East |
| BRD Reference: | BRD4519-OP6-A |
| Date Issued: | November 2024 |

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# Initial Conceptual Model







| | |
|---|---|
| Project Title: | Cloot Drove, Crowland |
| Client: | Allison Homes East |
| BRD Reference: | BRD4519-OP7-A |
| Date Issued: | December 2024 |


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# APPENDIX 2

# 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
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
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
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. Rural District Boundary
Civil Parish Boundary

## Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

| | | | |
|---|---|---|---|
| BP, BS | Boundary Post or Stone | Pol Sta | Police Station |
| Ch | Church | PO | Post Office |
| CH | Club House | PC | Public Convenience |
| F E Sta | Fire Engine Station | PH | Public House |
| FB | Foot Bridge | SB | Signal Box |
| Fn | Fountain | Spr | Spring |
| GP | Guide Post | TCB | Telephone Call Box |
| MP | Mile Post | TCP | Telephone Call Post |
| MS | Mile Stone | W | Well |

## 1:10,000 Raster Mapping

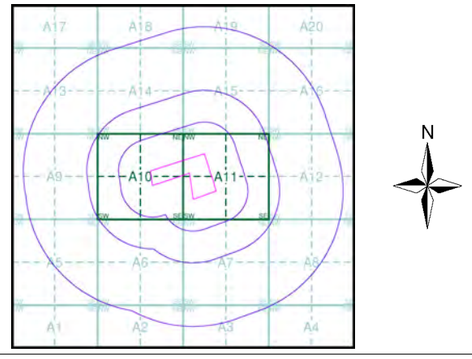
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m 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

BRD

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Lincolnshire | 1:10,560 | 1886 - 1887 | 2 |
| Cambridgeshire & Isle Of Ely | 1:10,560 | 1887 | 3 |
| Northamptonshire | 1:10,560 | 1901 | 4 |
| Cambridgeshire & Isle Of Ely | 1:10,560 | 1903 | 5 |
| Lincolnshire | 1:10,560 | 1905 - 1906 | 6 |
| Lincolnshire | 1:10,560 | 1905 - 1906 | 7 |
| Lincolnshire | 1:10,560 | 1905 | 8 |
| Cambridgeshire & Isle Of Ely | 1:10,560 | 1952 | 9 |
| Lincolnshire | 1:10,560 | 1952 | 10 |
| Ordnance Survey Plan | 1:10,000 | 1958 | 11 |
| Ordnance Survey Plan | 1:10,000 | 1975 - 1979 | 12 |
| Ordnance Survey Plan | 1:10,000 | 1979 | 13 |
| 10K Raster Mapping | 1:10,000 | 2000 | 14 |
| 10K Raster Mapping | 1:10,000 | 2006 | 15 |
| VectorMap Local | 1:10,000 | 2024 | 16 |

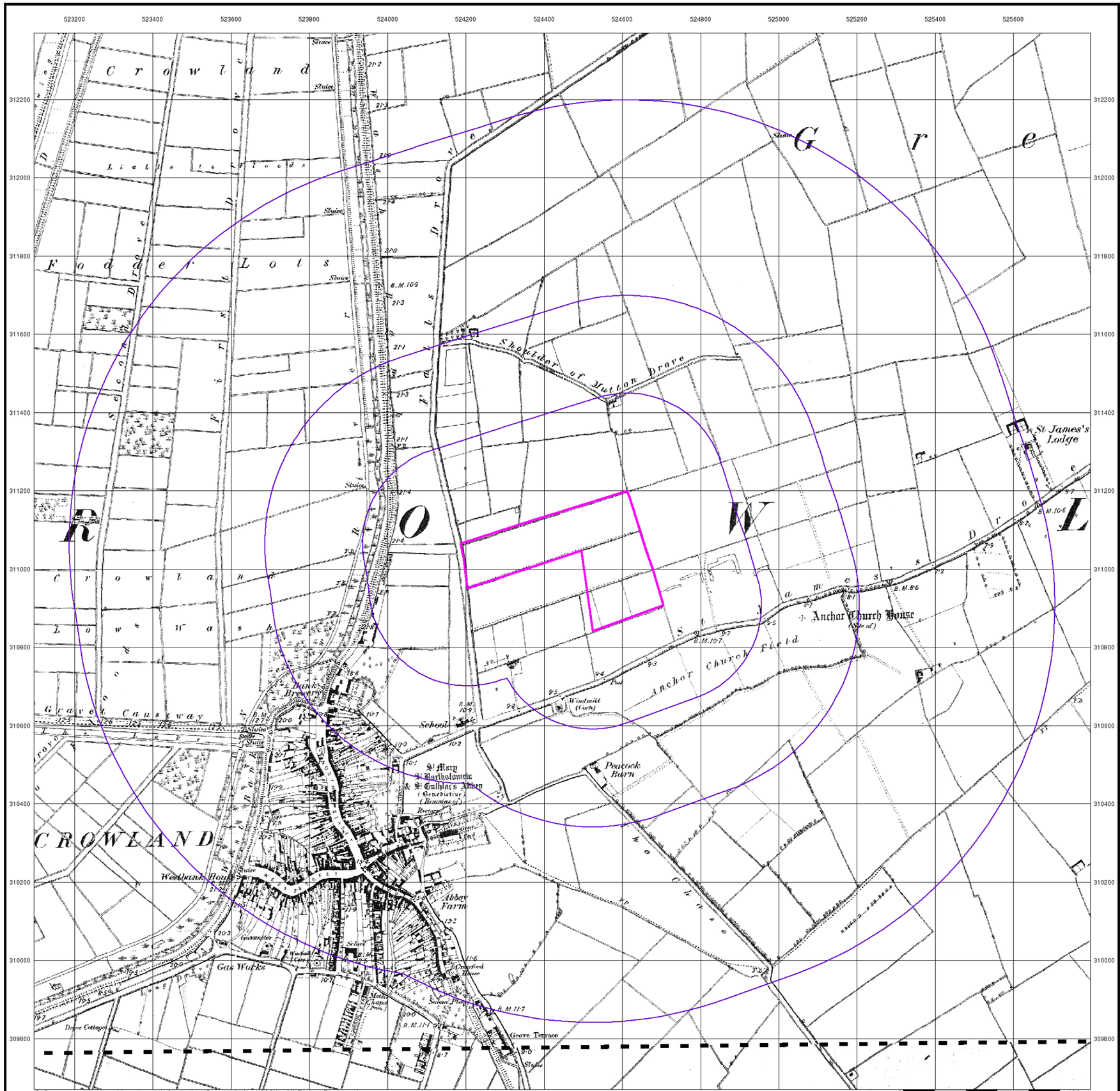
## Historical Map - Slice A




## Order Details

## Site Details

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## Lincolnshire

**Published 1886 - 1887**

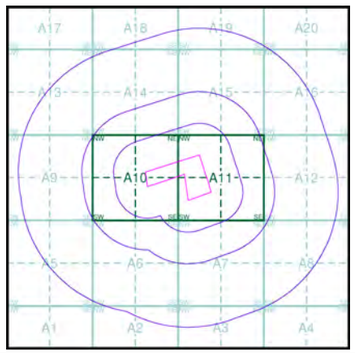
**Source map scale - 1:10,560**

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

148SW
1887
1:10,560

153NW
1886
1:10,560

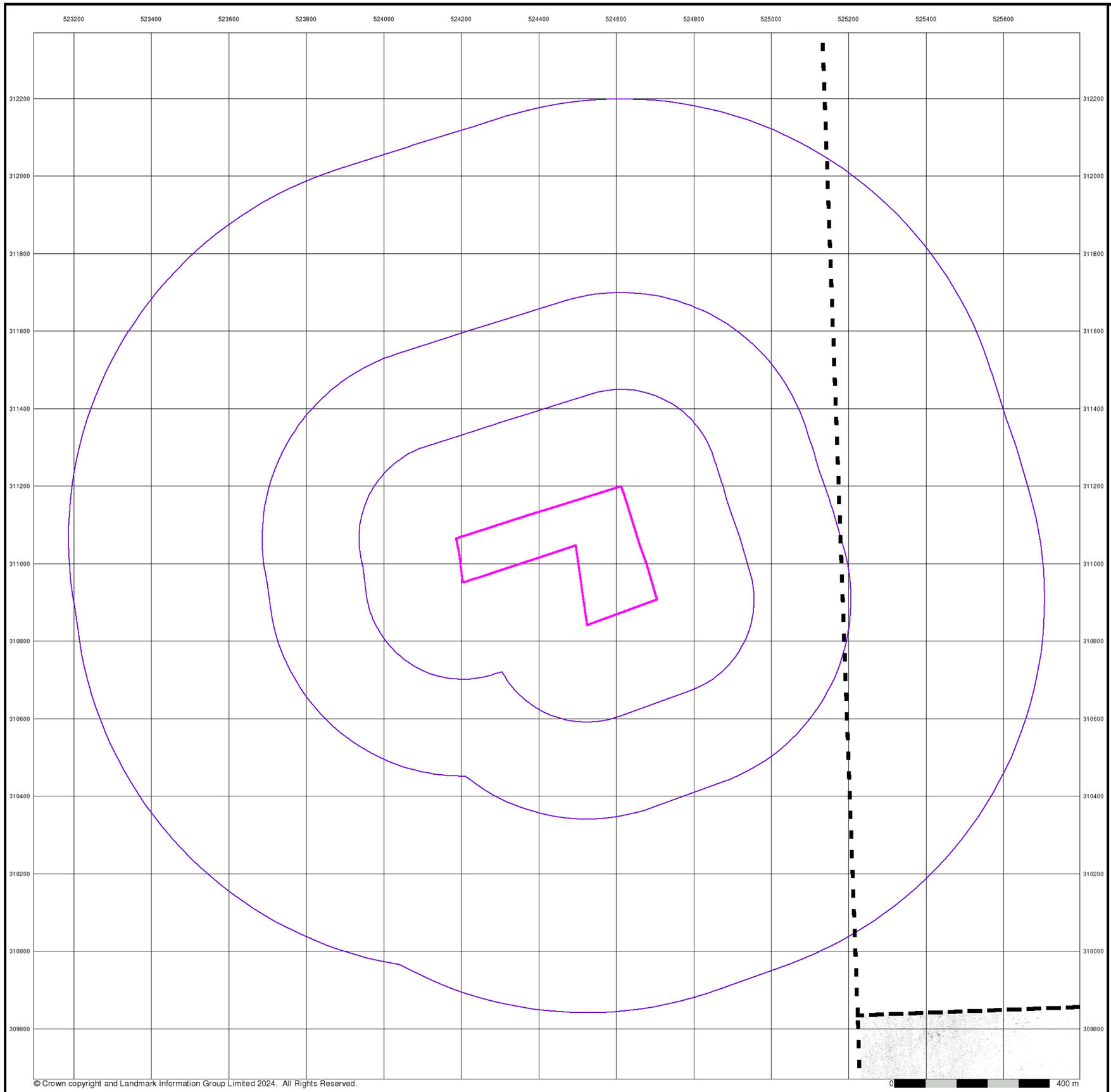
### Historical Map - Slice A




### Order Details

### Site Details

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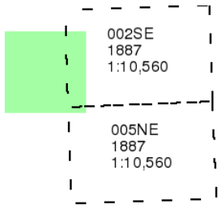
BRD

## Cambridgeshire & Isle Of Ely

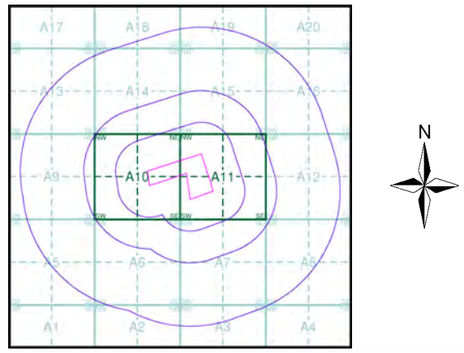
**Published 1887**

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

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



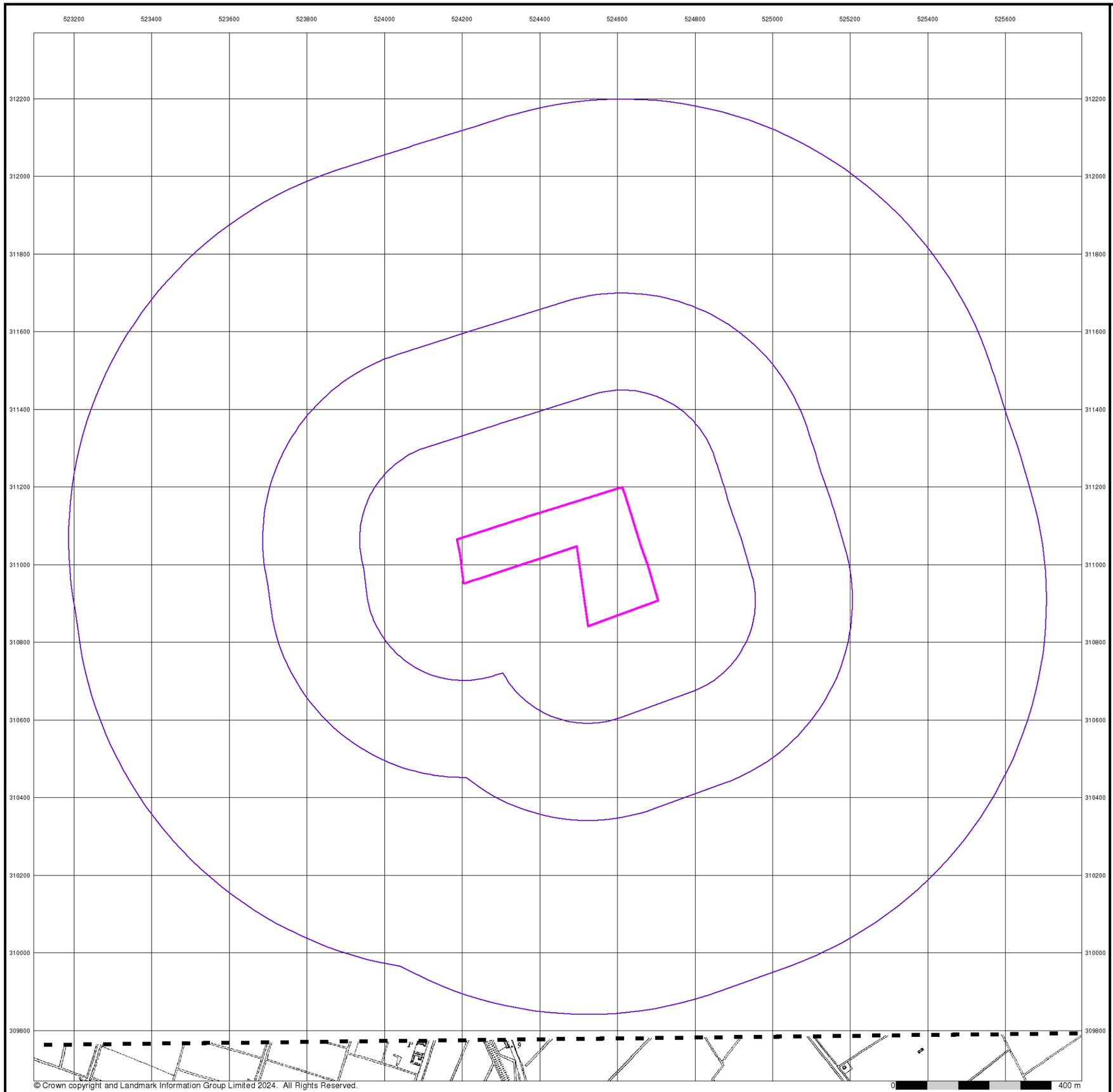

## Historical Map - Slice A




## Order Details

## Site Details

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0 400 m

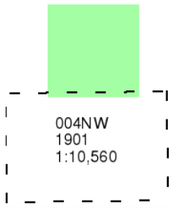
BRD

## Northamptonshire

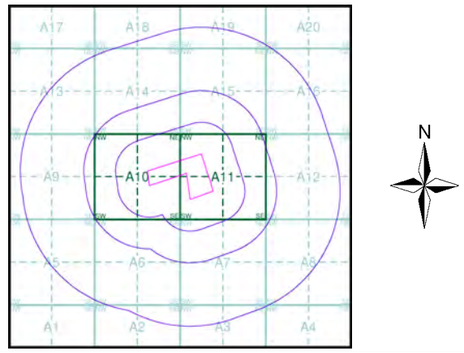
**Published 1901**

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

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



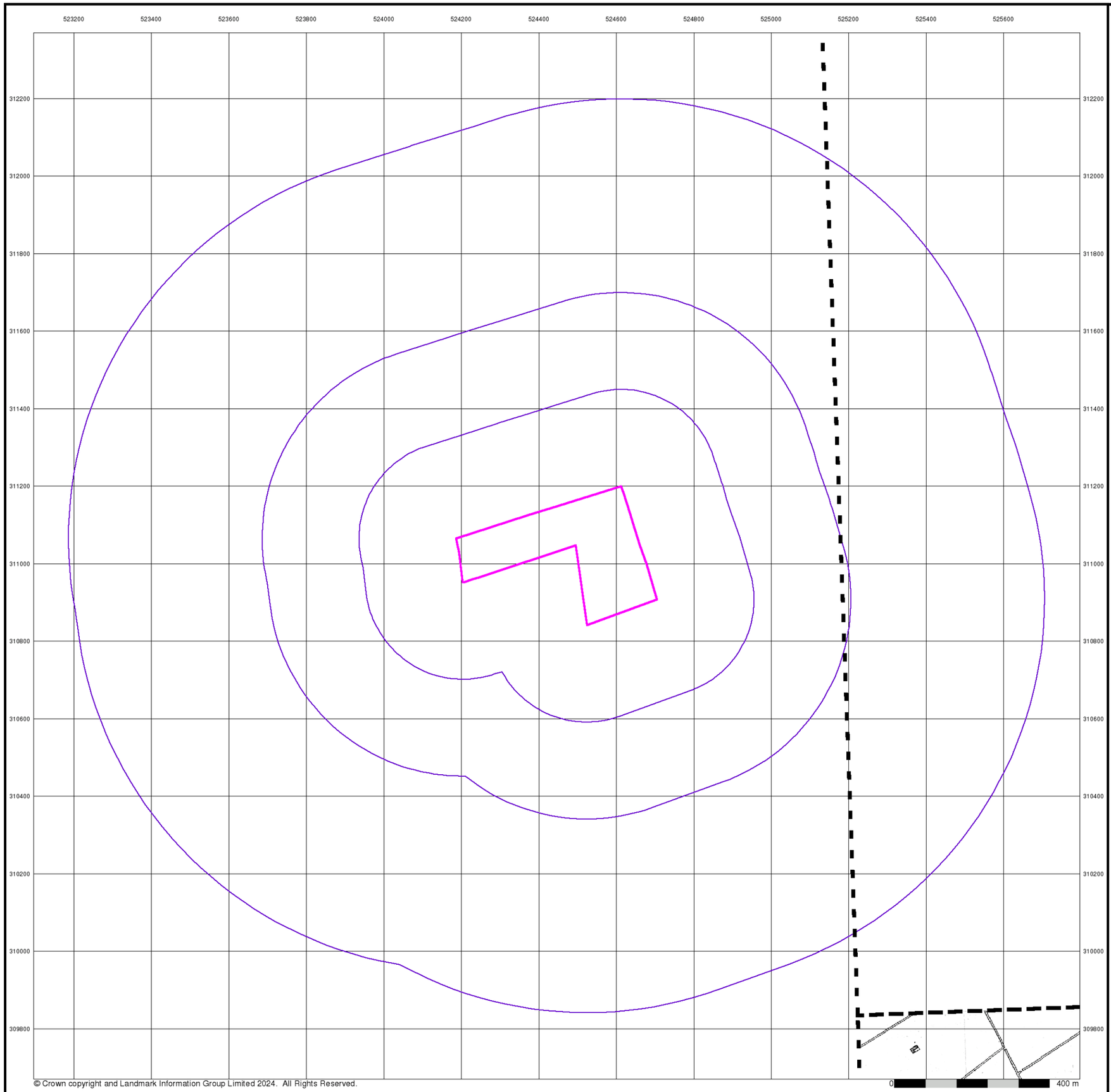

## Historical Map - Slice A




## Order Details

## Site Details

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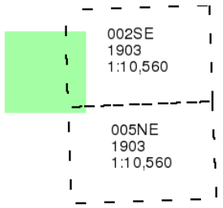
BRD

## Cambridgeshire & Isle Of Ely

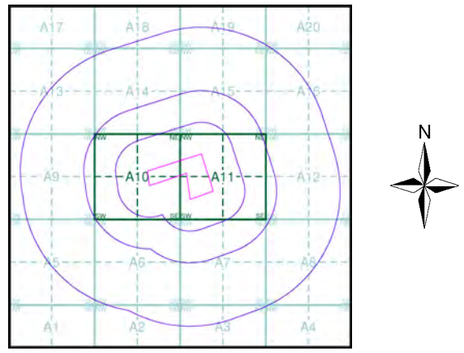
**Published 1903**

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

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



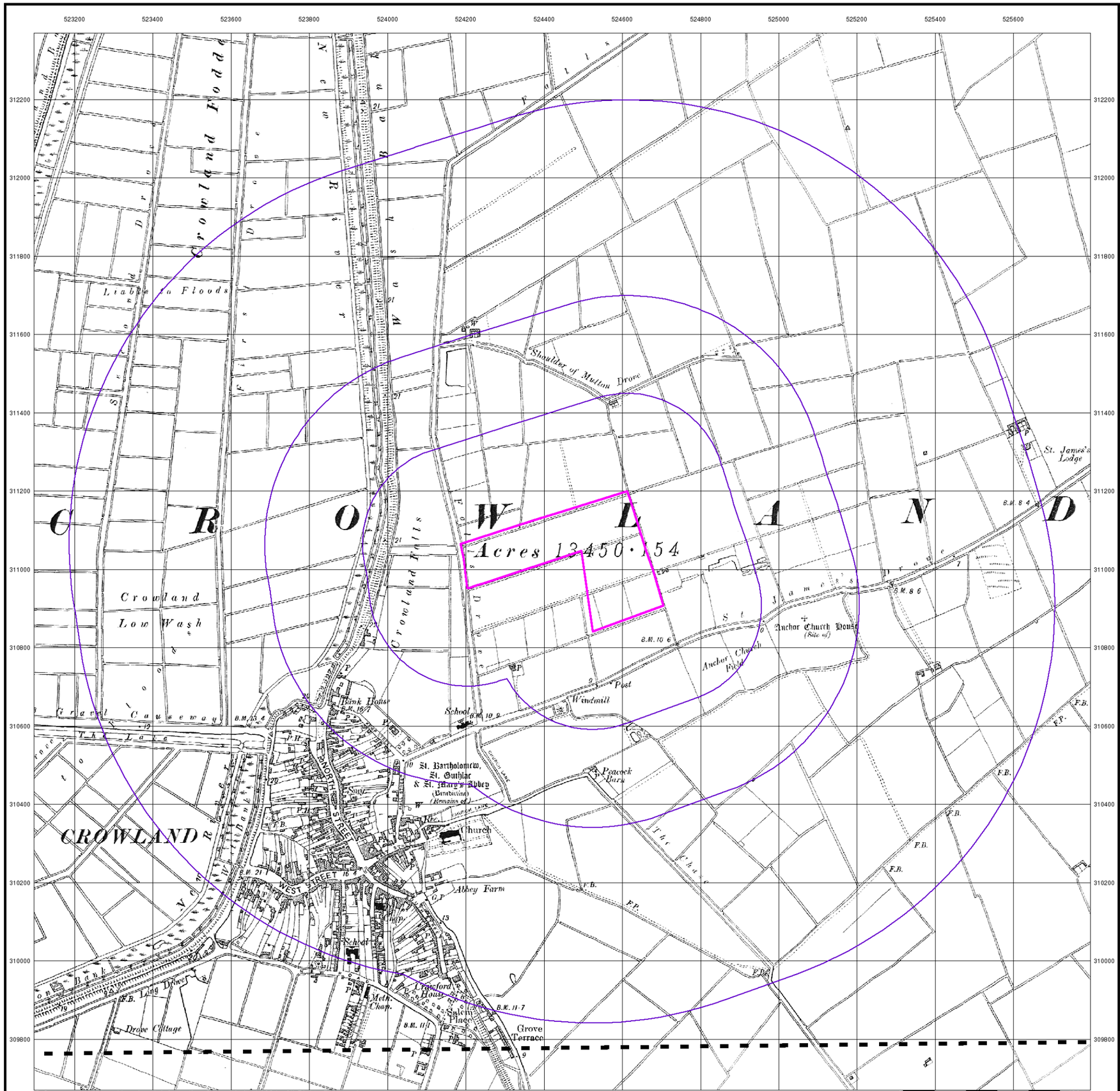

## Historical Map - Slice A




## Order Details

## Site Details

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## Lincolnshire

**Published 1905 - 1906**

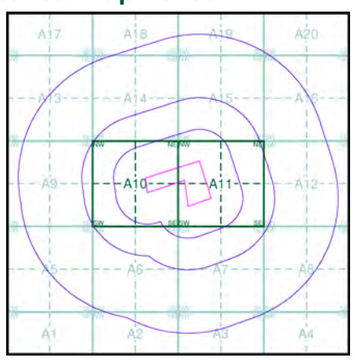
**Source map scale - 1:10,560**

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

148SW
1906
1:10,560

153NW
1905
1:10,560

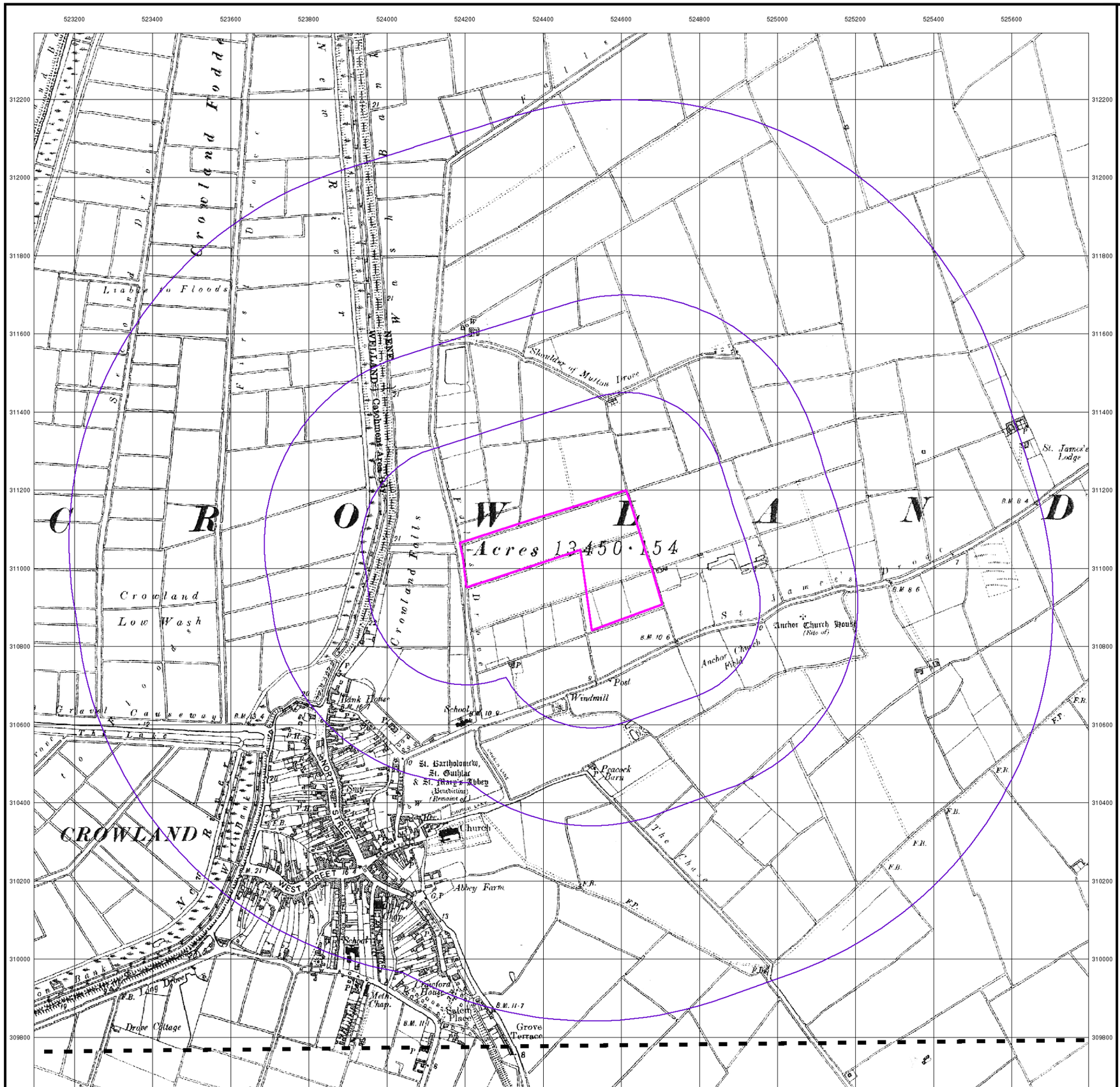
### Historical Map - Slice A




### Order Details

### Site Details

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## Lincolnshire

**Published 1905 - 1906**

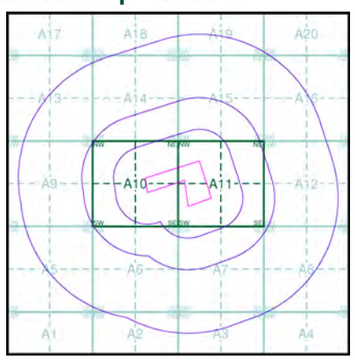
**Source map scale - 1:10,560**

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

148SW
1906
1:10,560

153NW
1905
1:10,560

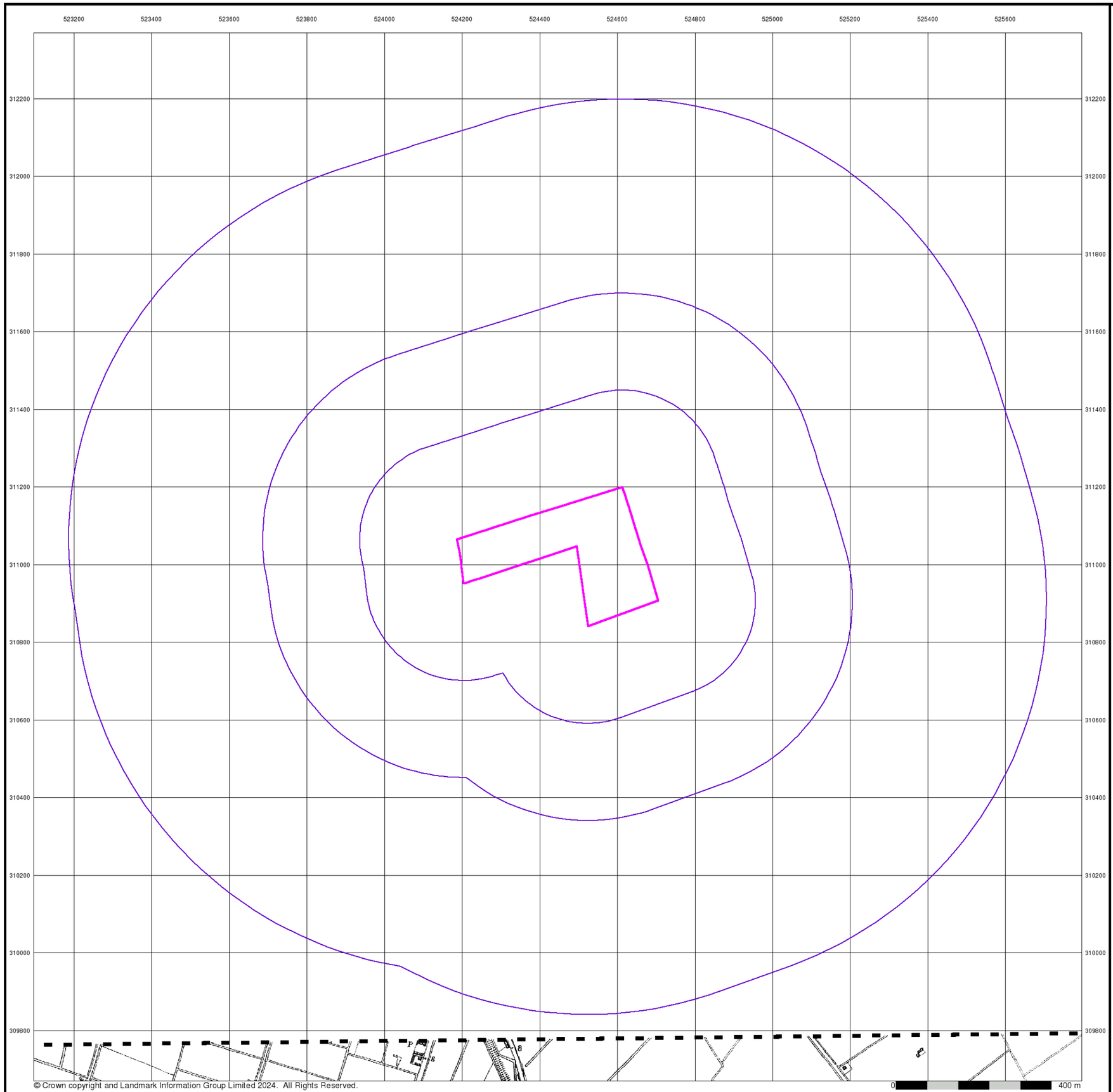
### Historical Map - Slice A




### Order Details

### Site Details

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0 400 m

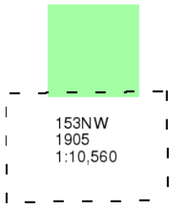
BRD

## Lincolnshire

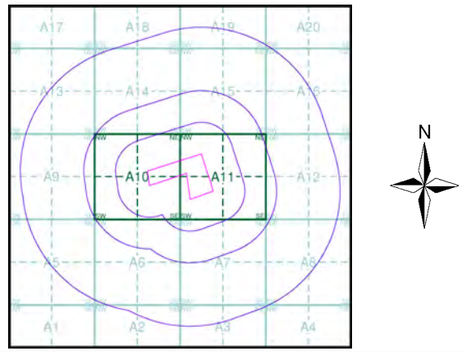
**Published 1905**

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

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



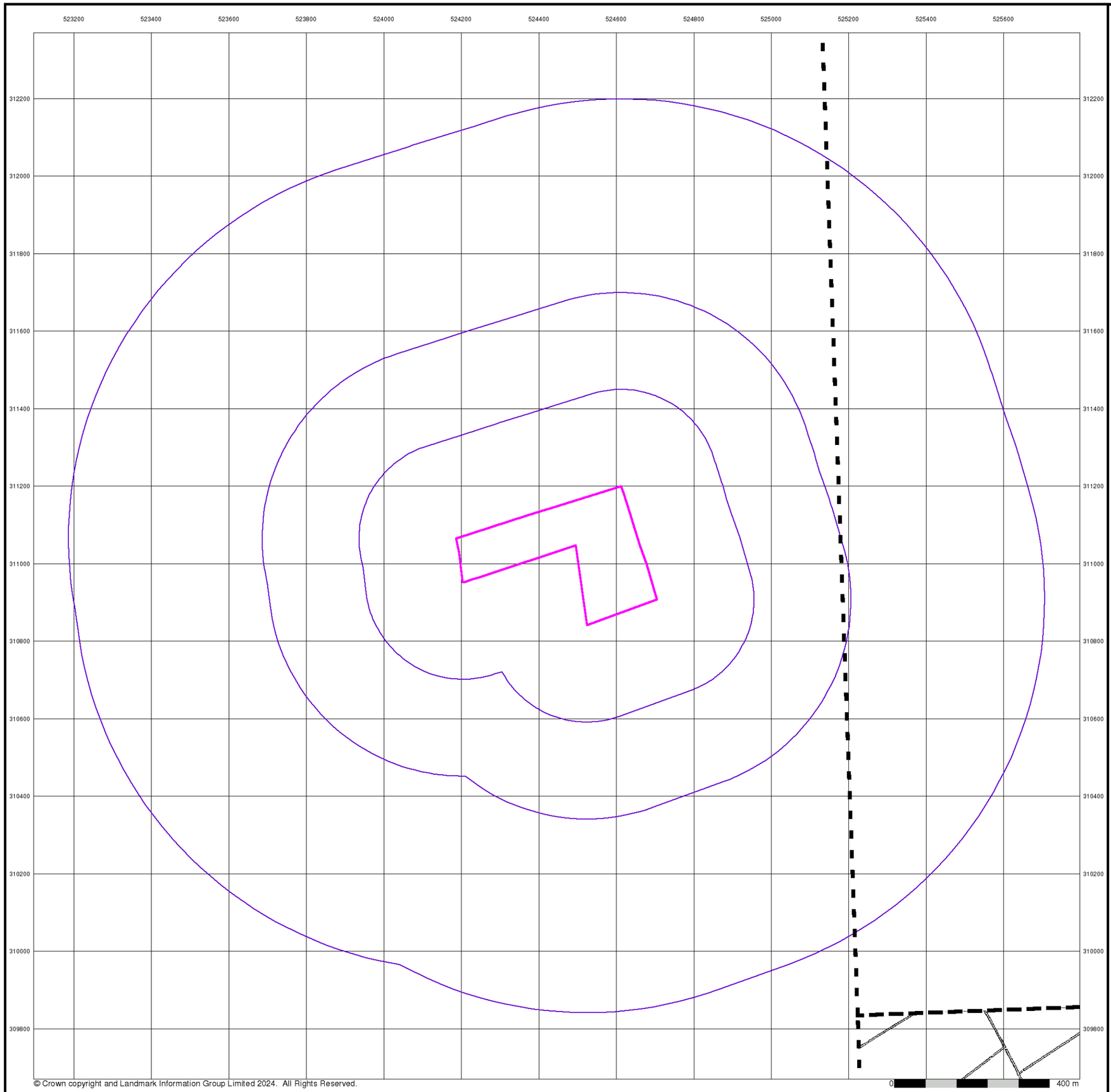

## Historical Map - Slice A




## Order Details

## Site Details

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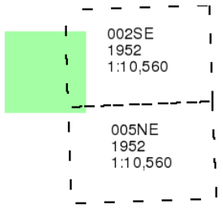
BRD

## Cambridgeshire & Isle Of Ely

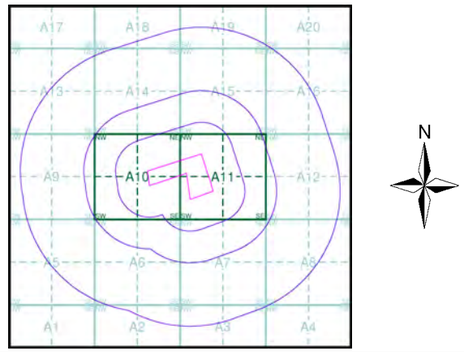
**Published 1952**

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

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



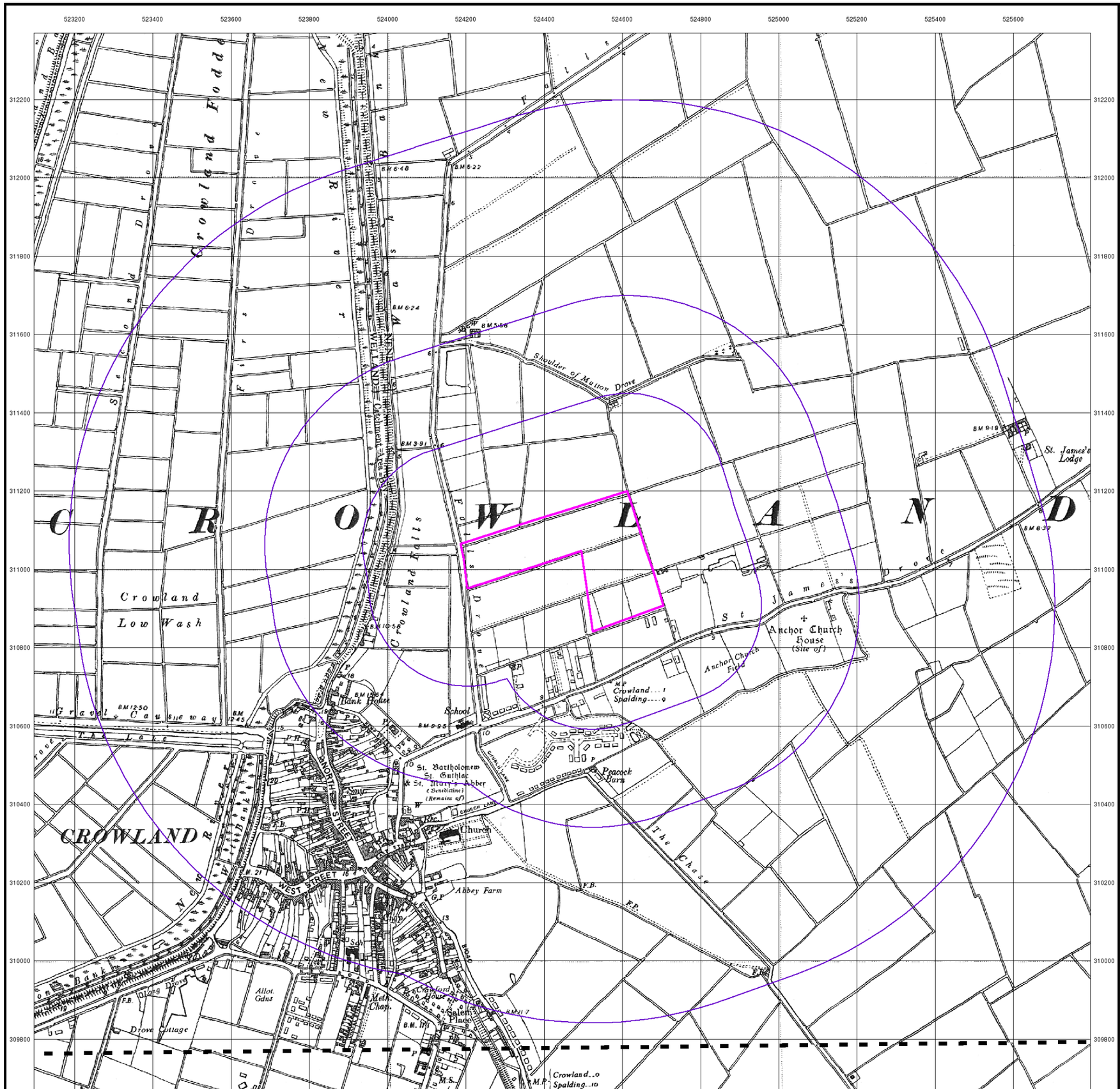

## Historical Map - Slice A




## Order Details

## Site Details

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## Lincolnshire

**Published 1952**

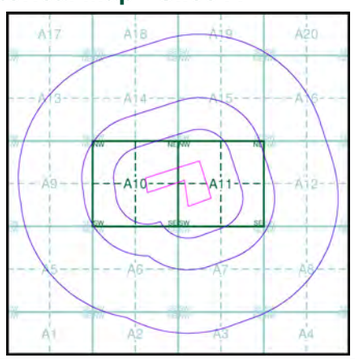
**Source map scale - 1:10,560**

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

148SW
1952
1:10,560

153NW
1952
1:10,560

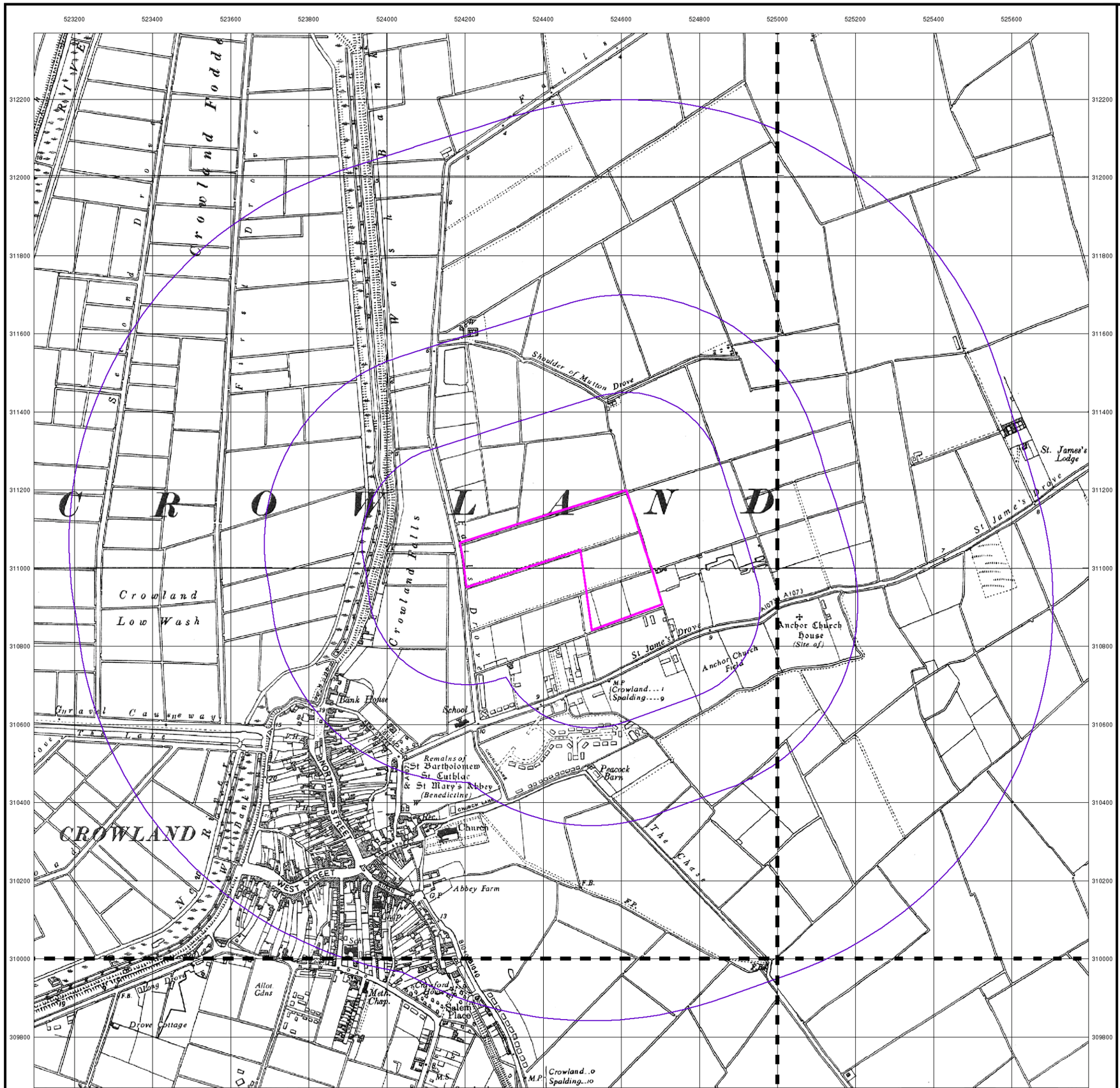
### Historical Map - Slice A




### Order Details

### Site Details

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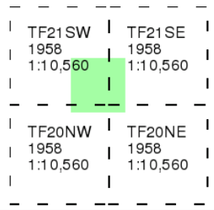
BRD

## Ordnance Survey Plan

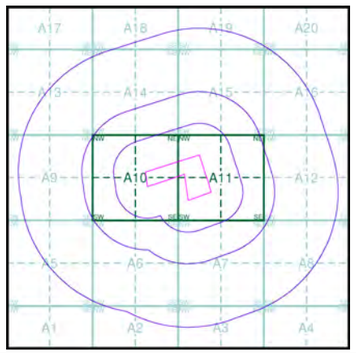
**Published 1958**

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

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




## Historical Map - Slice A




## Order Details

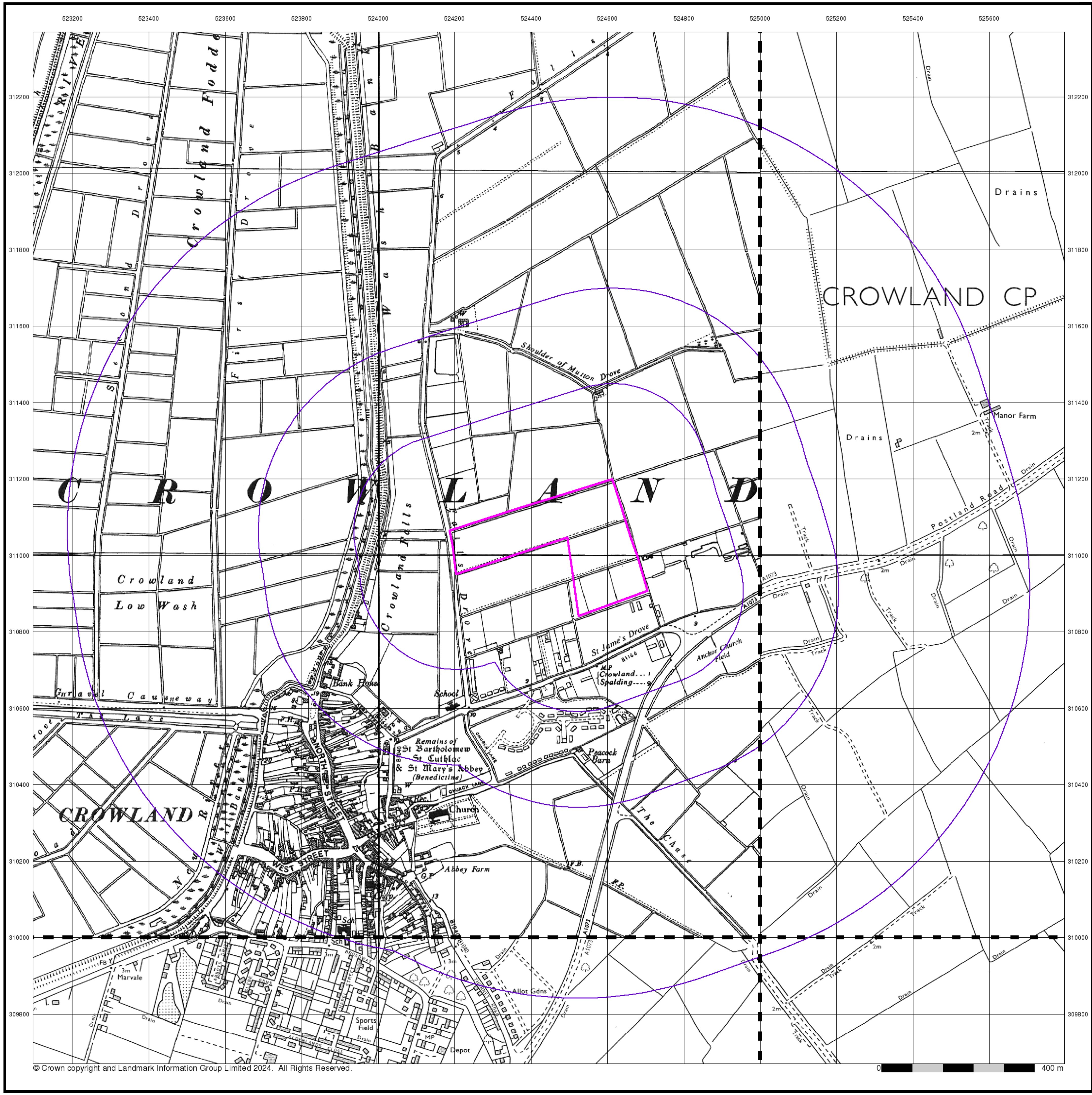
## Site Details

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## Ordnance Survey Plan

**Published 1975 - 1979**

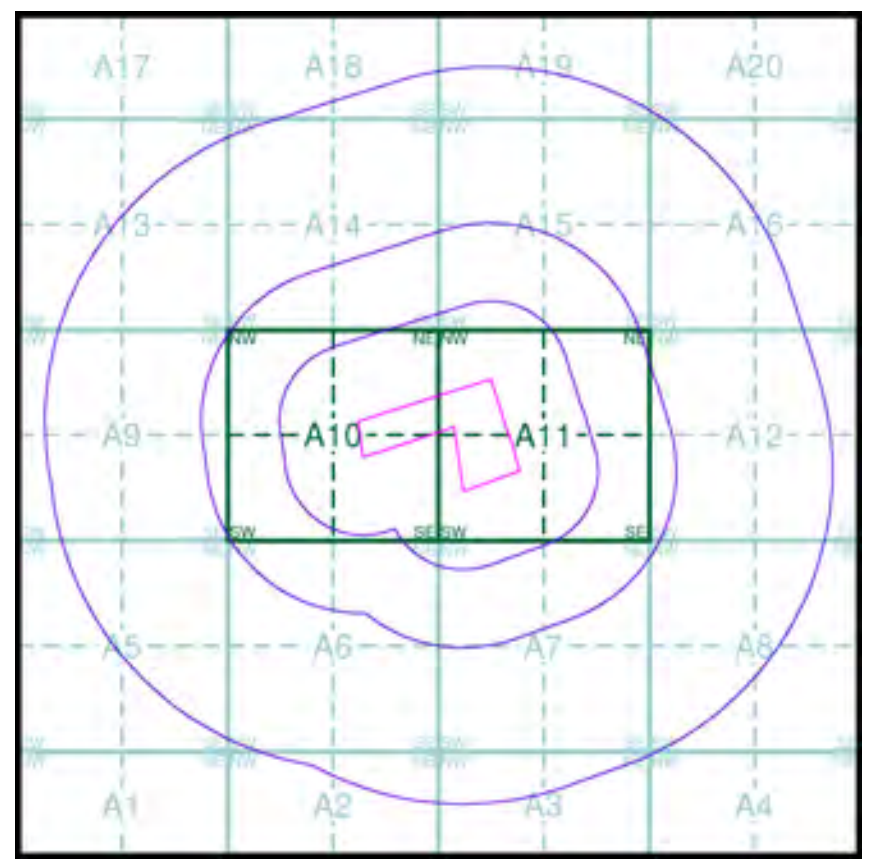
**Source map scale - 1:10,000**




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

| | |
|---|---|
| TF21SW 1975 1:10,560 | TF21SE 1979 1:10,000 |
| TF20NW 1978 1:10,000 | TF20NE 1978 1:10,000 |

## Historical Map - Slice A




N

## Order Details

## Site Details



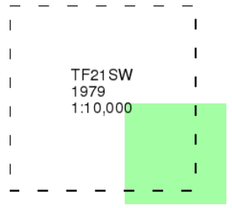

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## Ordnance Survey Plan

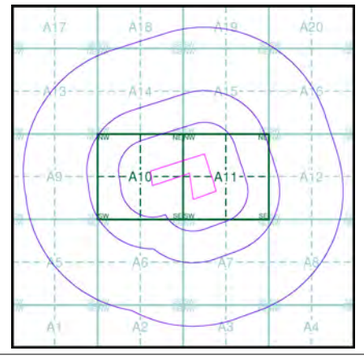
**Published 1979**

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

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




## Historical Map - Slice A




## Order Details

## Site Details

Landmark INFORMATION GROUP




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## 10k Raster Mapping

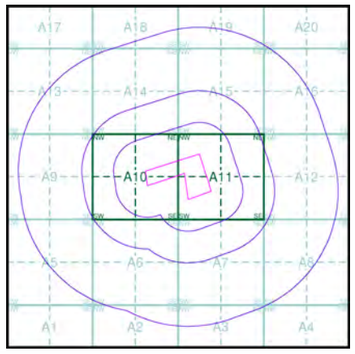
**Published 2000**

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

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

| | |
|---|---|
| TF21SW 2000 1:10,000 | TF21SE 2000 1:10,000 |
| TF20NW 2000 1:10,000 | TF20NE 2000 1:10,000 |

## Historical Map - Slice A




N

## Order Details

## Site Details

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## 10k Raster Mapping

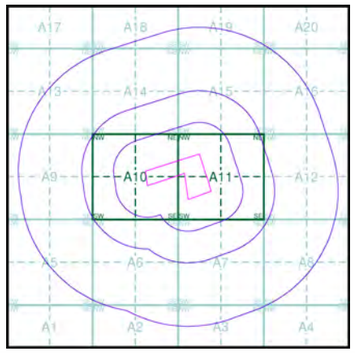
**Published 2006**

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

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

| | |
|---|---|
| TF21SW 2006 1:10,000 | TF21SE 2006 1:10,000 |
| TF20NW 2006 1:10,000 | TF20NE 2006 1:10,000 |

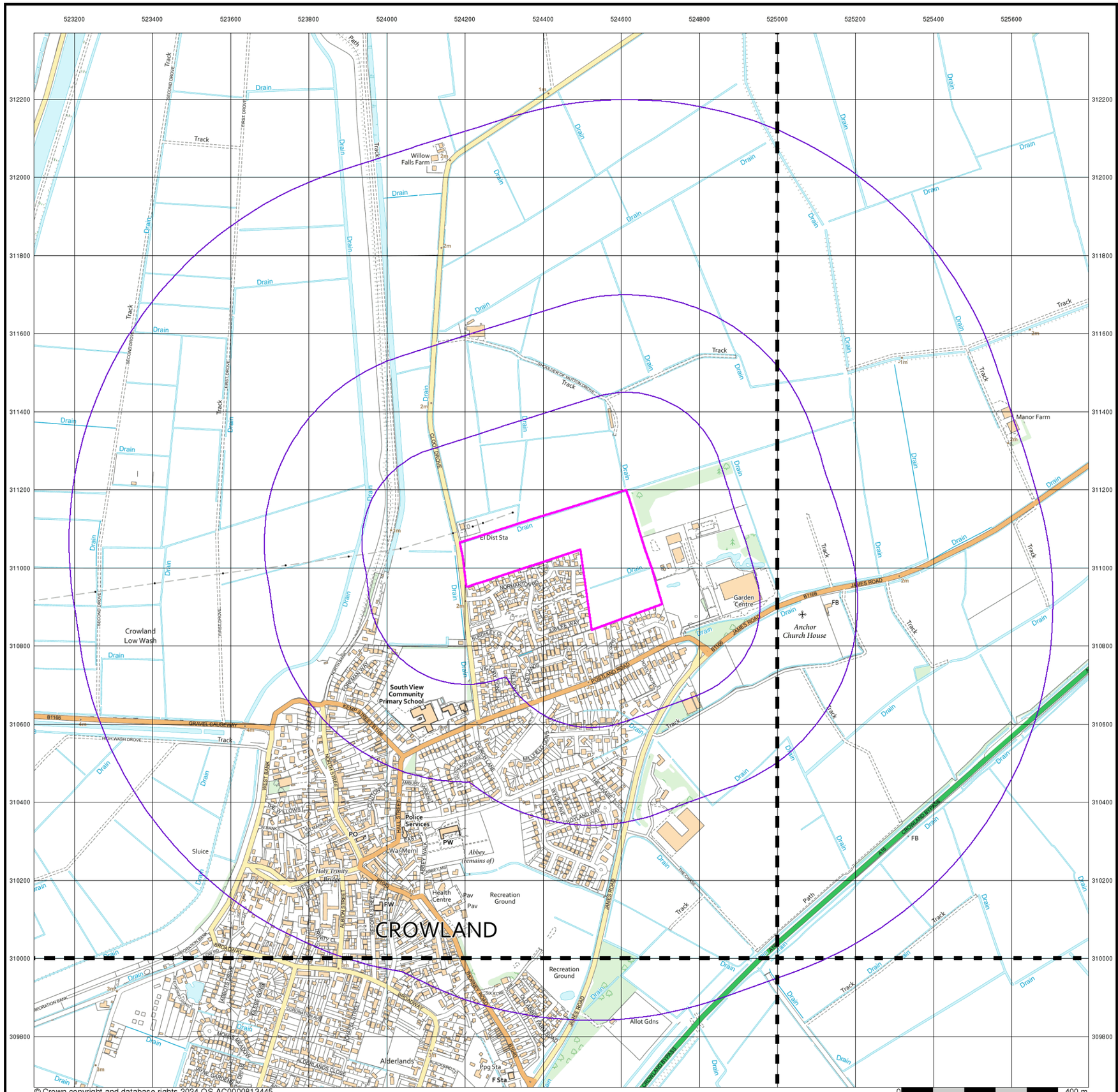
## Historical Map - Slice A




## Order Details

## Site Details

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## VectorMap Local

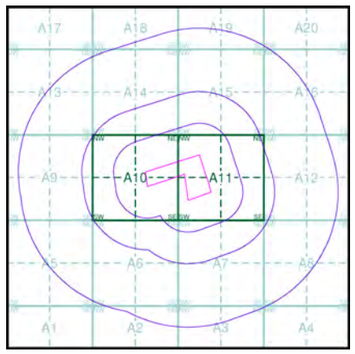
**Published 2024**

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

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

| | |
|---|---|
| TF21SW 2024 Variable | TF21SE 2024 Variable |
| TF20NW 2024 Variable | TF20NE 2024 Variable |

## Historical Map - Slice A



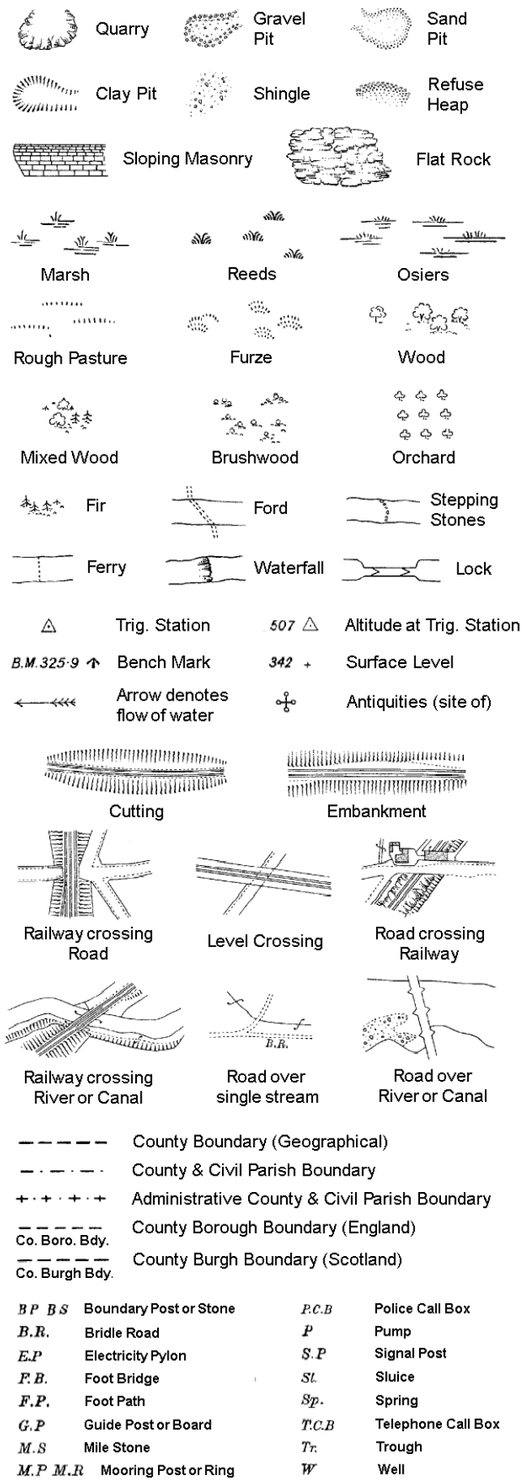

## Order Details

## Site Details

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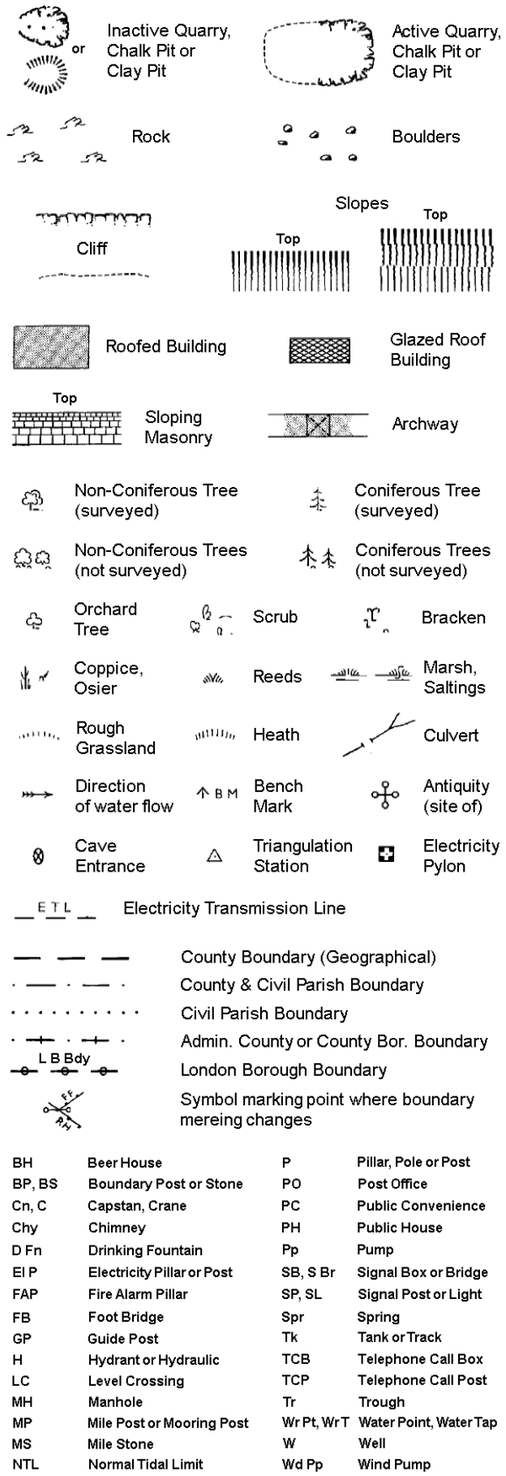
# Historical Mapping Legends

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



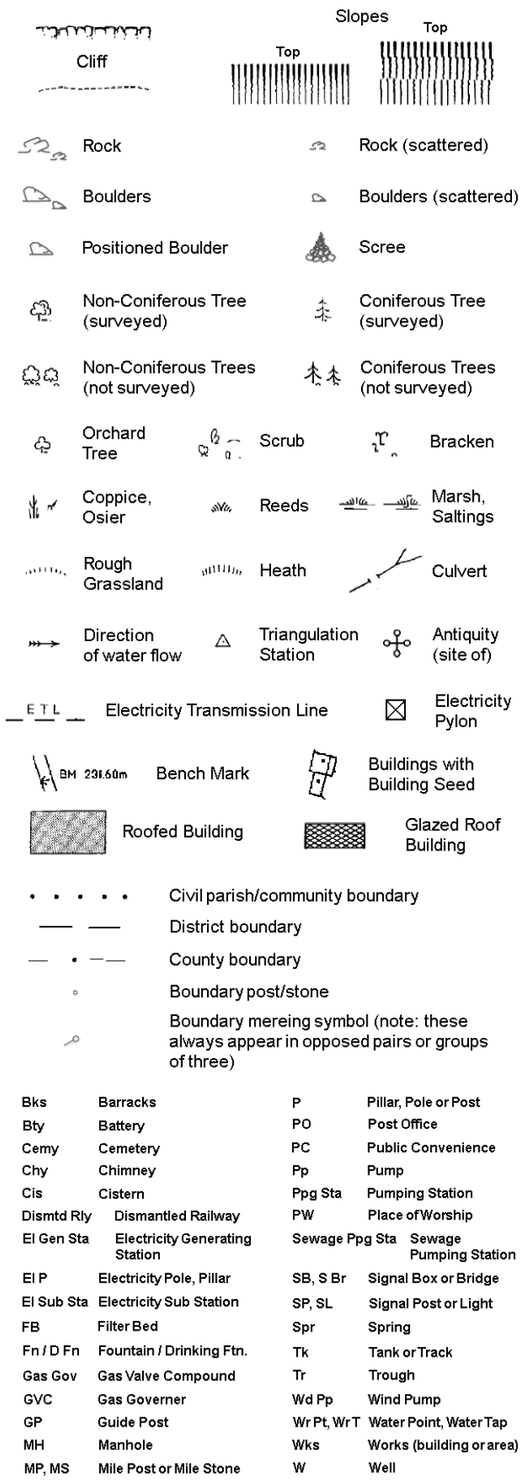

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | St. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| M.S | Mile Stone | Tr. | Trough |
| M.P M.R | Mooring Post or Ring | W | Well |

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




| | | | |
|---|---|---|---|
| BH | Beer House | P | Pillar, Pole or Post |
| BP, BS | Boundary Post or Stone | PO | Post Office |
| Cn, C | Capstan, Crane | PC | Public Convenience |
| Chy | Chimney | PH | Public House |
| D Fn | Drinking Fountain | Pp | Pump |
| El P | Electricity Pillar or Post | SB, S Br | Signal Box or Bridge |
| FAP | Fire Alarm Pillar | SP, SL | Signal Post or Light |
| FB | Foot Bridge | Spr | Spring |
| GP | Guide Post | Tk | Tank or Track |
| H | Hydrant or Hydraulic | TCB | Telephone Call Box |
| LC | Level Crossing | TCP | Telephone Call Post |
| MH | Manhole | Tr | Trough |
| MP | Mile Post or Mooring Post | Wr Pt, Wr T | Water Point, Water Tap |
| MS | Mile Stone | W | Well |
| NTL | Normal Tidal Limit | Wd Pp | Wind Pump |

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



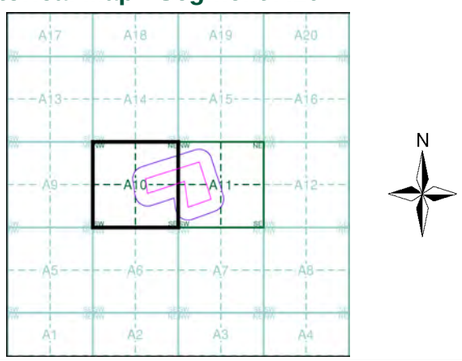

| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El Sub Sta | Electricity Sub Station | SP, SL | Signal Post or Light |
| FB | Filter Bed | Spr | Spring |
| Fn / D Fn | Fountain / Drinking Ftn. | Tk | Tank or Track |
| Gas Gov | Gas Valve Compound | Tr | Trough |
| GVC | Gas Governer | Wd Pp | Wind Pump |
| GP | Guide Post | Wr Pt, Wr T | Water Point, Water Tap |
| MH | Manhole | Wks | Works (building or area) |
| MP, MS | Mile Post or Mile Stone | W | Well |

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## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Lincolnshire | 1:2,500 | 1888 | 2 |
| Lincolnshire | 1:2,500 | 1904 | 3 |
| Ordnance Survey Plan | 1:2,500 | 1975 | 4 |
| Additional SIMs | 1:2,500 | 1984 - 1986 | 5 |
| Large-Scale National Grid Data | 1:2,500 | 1995 | 6 |
| Large-Scale National Grid Data | 1:2,500 | 1995 | 7 |
| Historical Aerial Photography | 1:2,500 | 1999 | 8 |

## Historical Map - Segment A10




## Order Details

## Site Details

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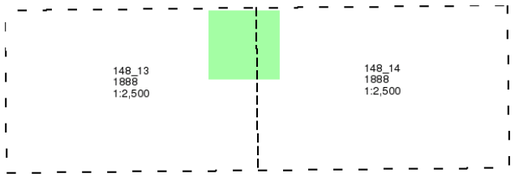
BRD

**Lincolnshire**

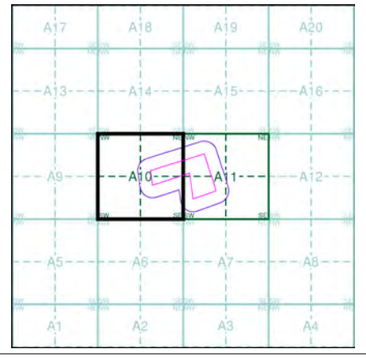
**Published 1888**

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

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



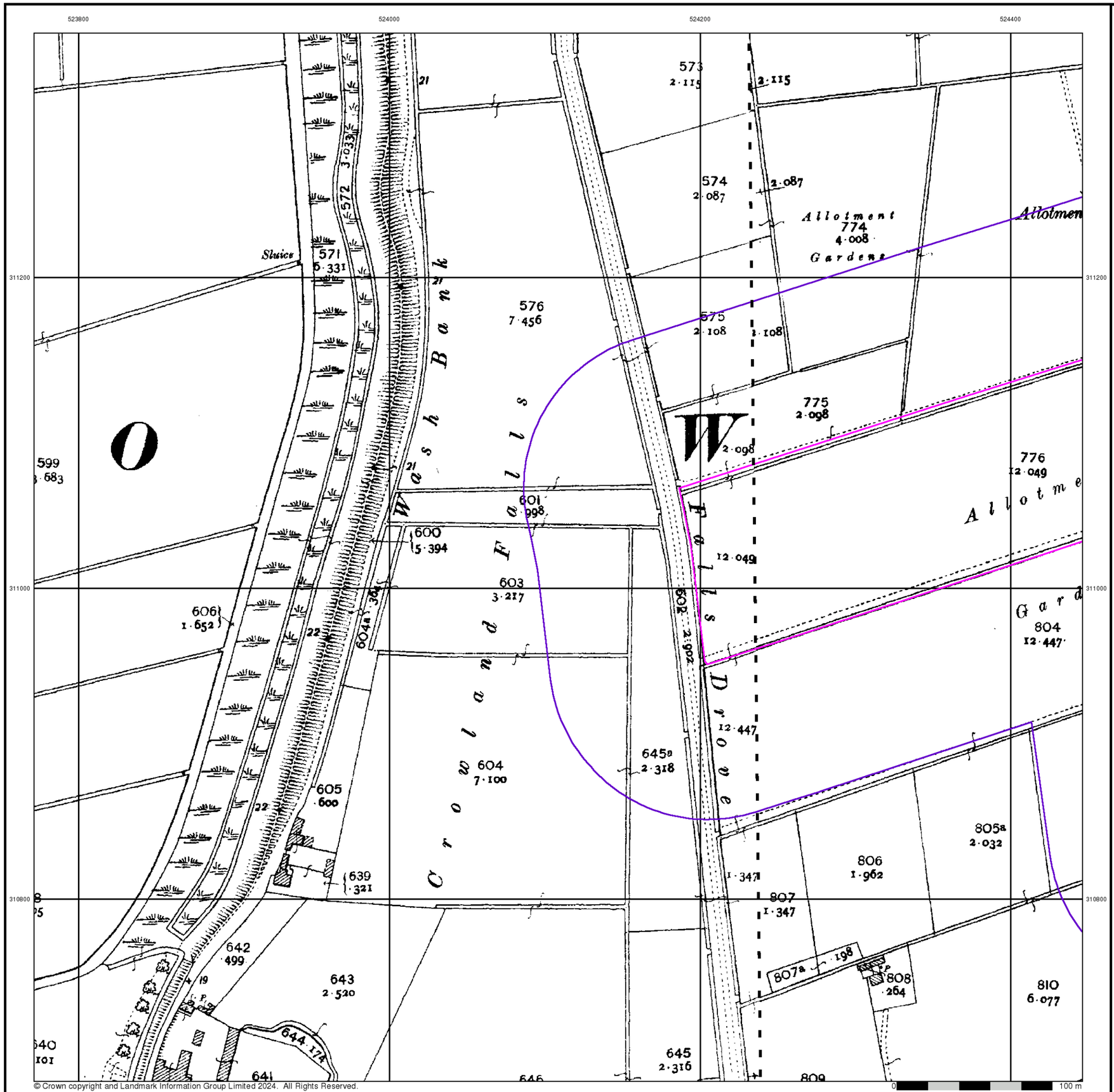

## Historical Map - Segment A10




## Order Details

## Site Details

Landmark INFORMATION GROUP



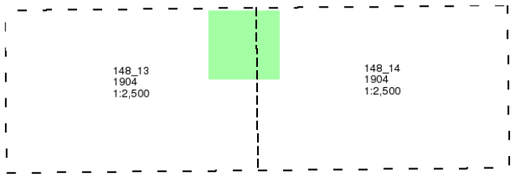

BRD

**Lincolnshire**

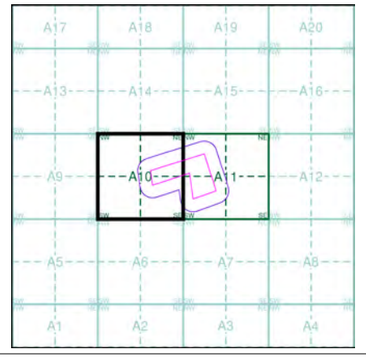
**Published 1904**

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

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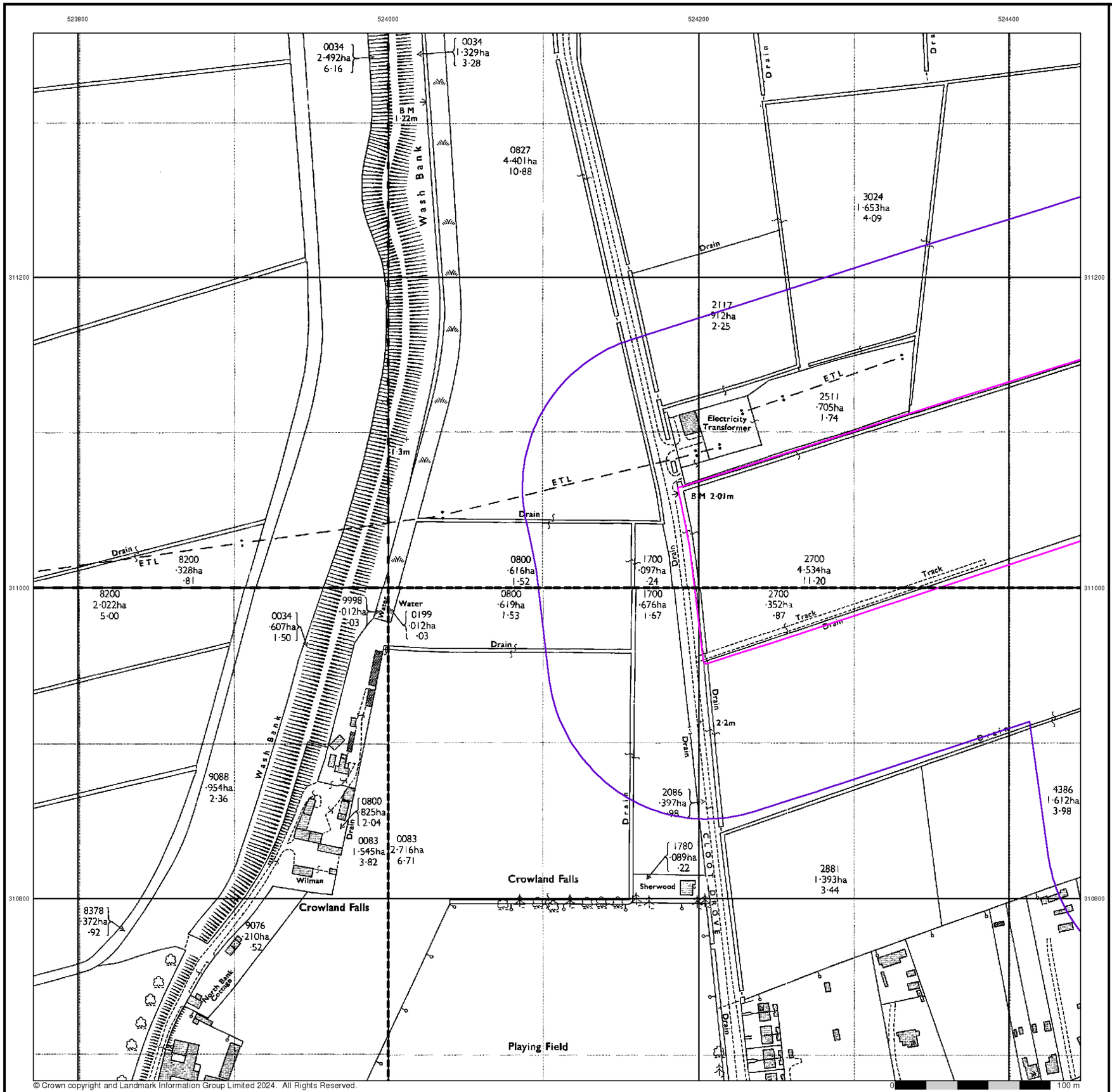

## Historical Map - Segment A10




## Order Details

## Site Details

Landmark INFORMATION GROUP



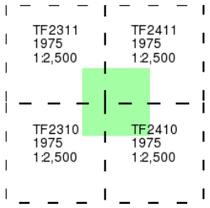

BRD

## Ordnance Survey Plan

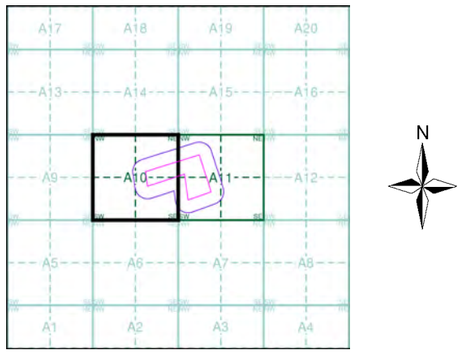
**Published 1975**

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

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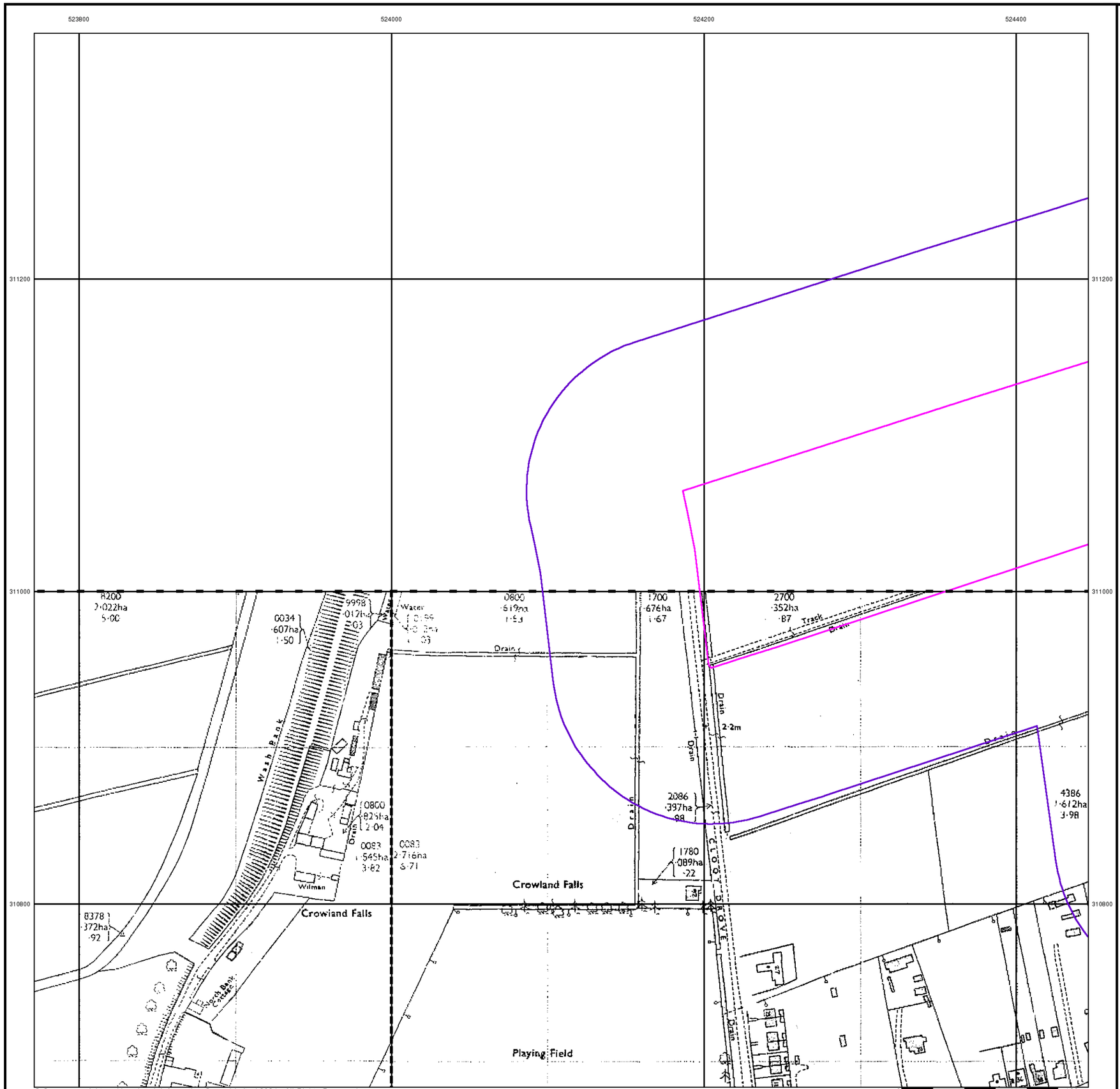

### Historical Map - Segment A10




### Order Details

### Site Details

Landmark INFORMATION GROUP



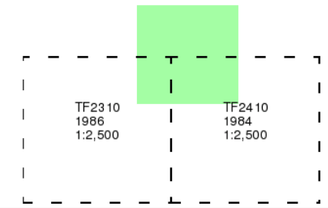

BRD

## Additional SIMs

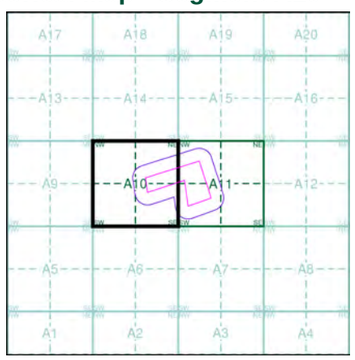
**Published 1984 - 1986**

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

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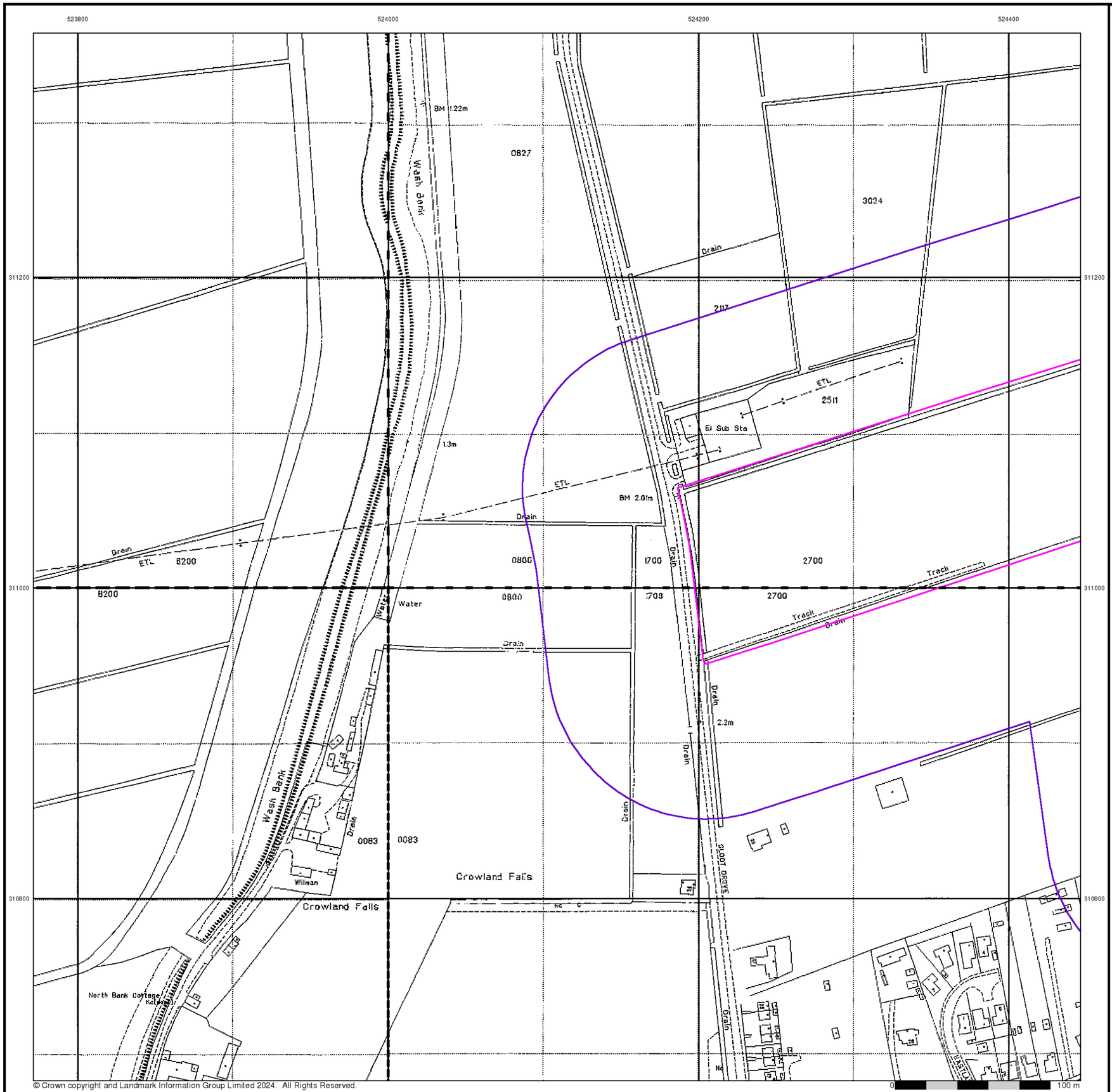

## Historical Map - Segment A10




## Order Details

## Site Details

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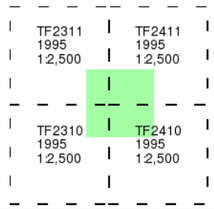
BRD

## Large-Scale National Grid Data

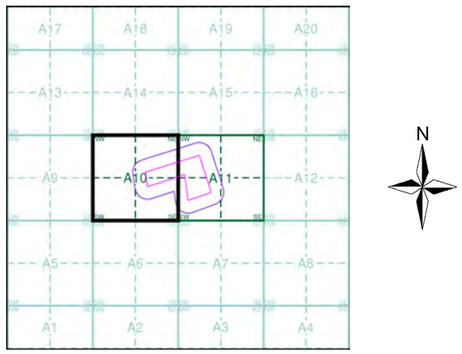
**Published 1995**

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

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




## Historical Map - Segment A10




## Order Details

## Site Details

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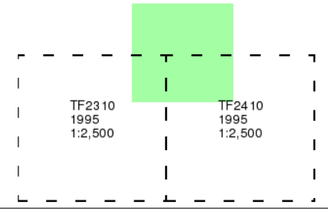
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## Large-Scale National Grid Data

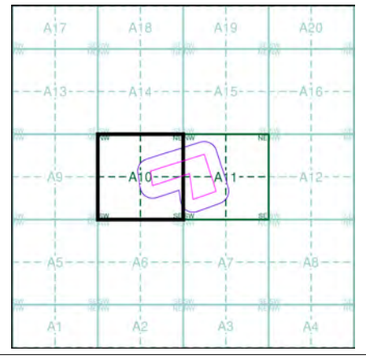
**Published 1995**

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

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



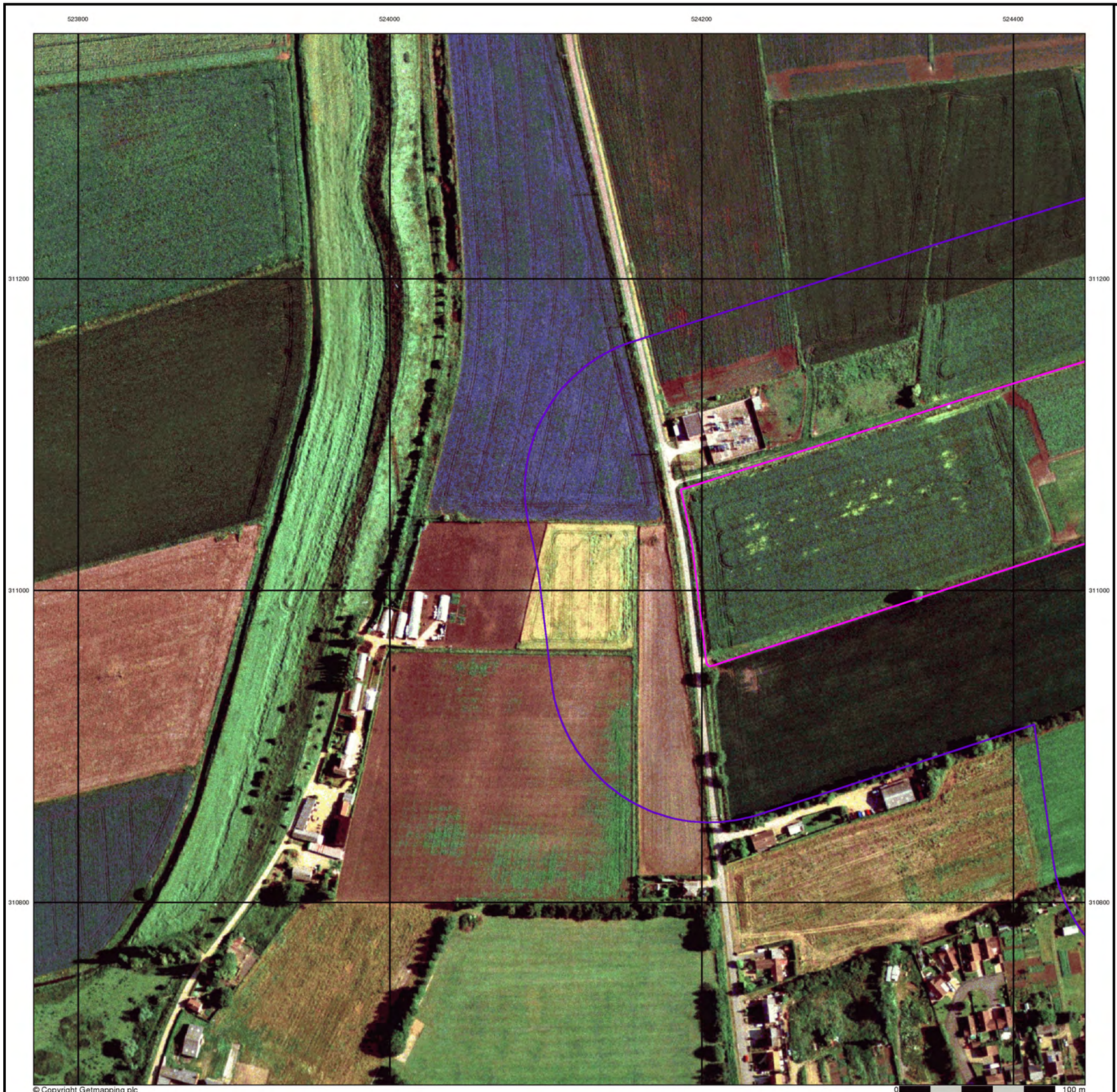

## Historical Map - Segment A10




## Order Details

## Site Details

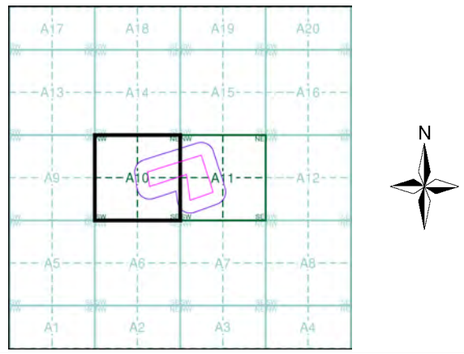
Landmark INFORMATION GROUP




BRD

## Historical Aerial Photography
**Published 1999**

### Historical Aerial Photography - Segment A10



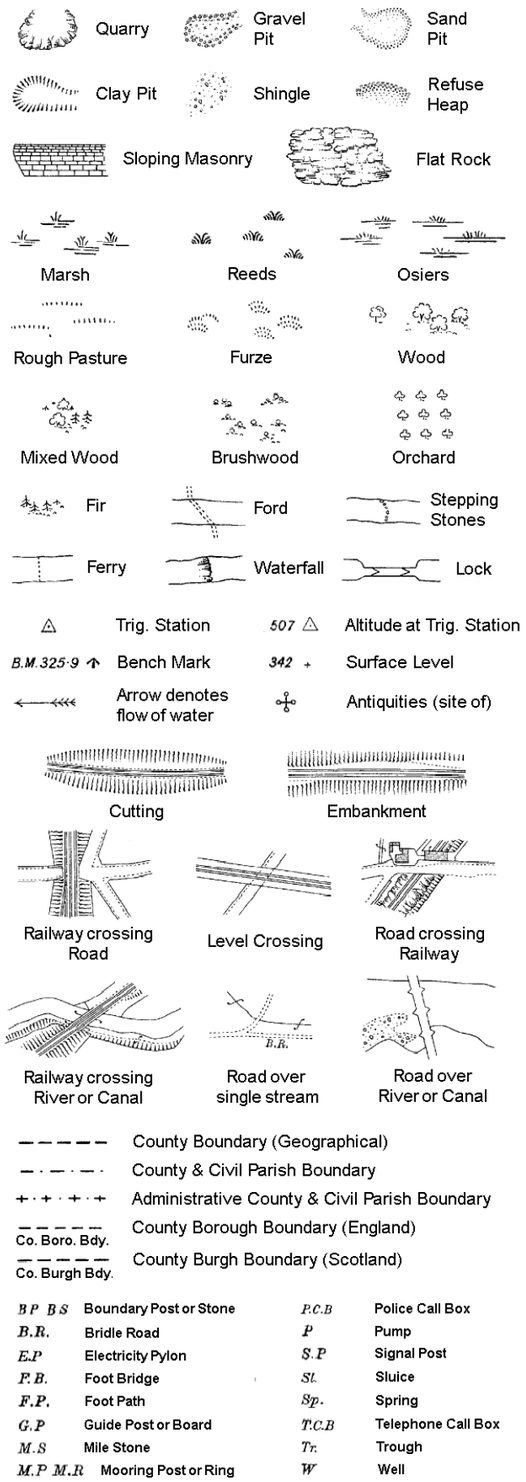

### Order Details

### Site Details

Landmark INFORMATION GROUP

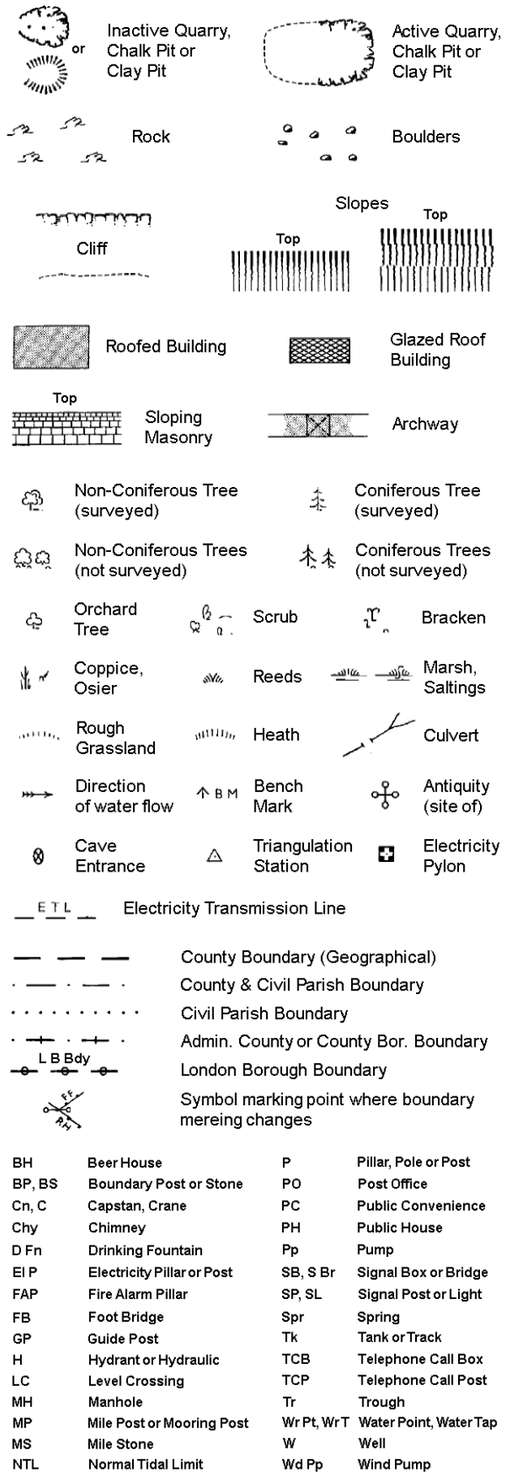
# Historical Mapping Legends

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



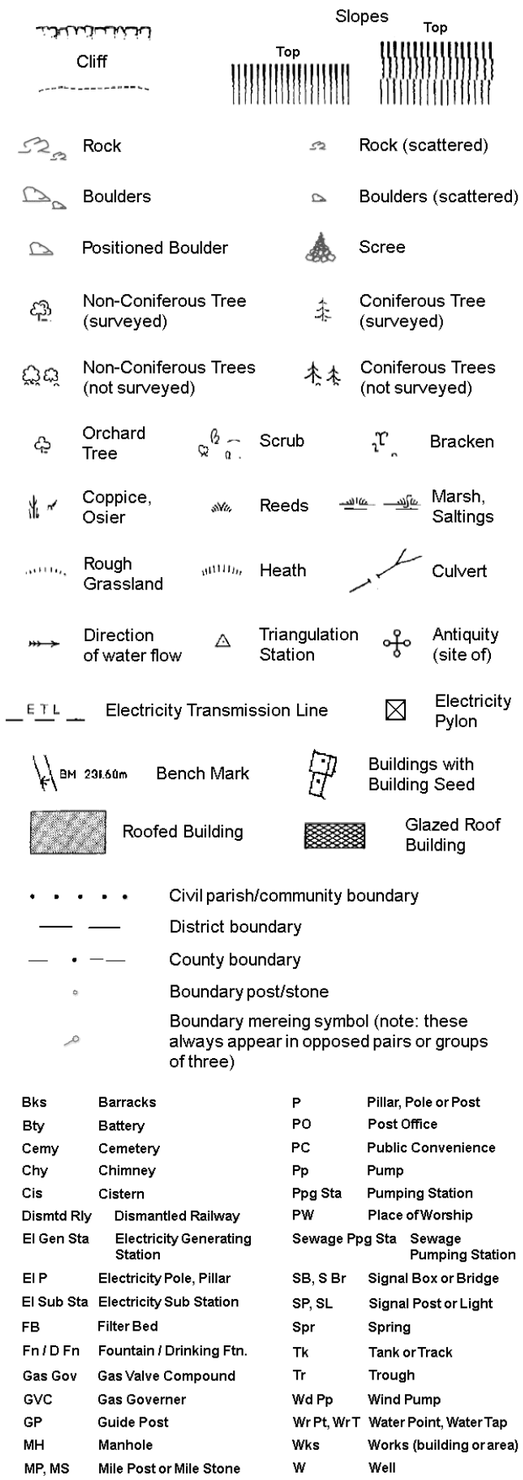

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | St. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| M.S | Mile Stone | Tr. | Trough |
| M.P M.R | Mooring Post or Ring | W | Well |

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




| | | | |
|---|---|---|---|
| BH | Beer House | P | Pillar, Pole or Post |
| BP, BS | Boundary Post or Stone | PO | Post Office |
| Cn, C | Capstan, Crane | PC | Public Convenience |
| Chy | Chimney | PH | Public House |
| D Fn | Drinking Fountain | Pp | Pump |
| El P | Electricity Pillar or Post | SB, S Br | Signal Box or Bridge |
| FAP | Fire Alarm Pillar | SP, SL | Signal Post or Light |
| FB | Foot Bridge | Spr | Spring |
| GP | Guide Post | Tk | Tank or Track |
| H | Hydrant or Hydraulic | TCB | Telephone Call Box |
| LC | Level Crossing | TCP | Telephone Call Post |
| MH | Manhole | Tr | Trough |
| MP | Mile Post or Mooring Post | Wr Pt, Wr T | Water Point, Water Tap |
| MS | Mile Stone | W | Well |
| NTL | Normal Tidal Limit | Wd Pp | Wind Pump |

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



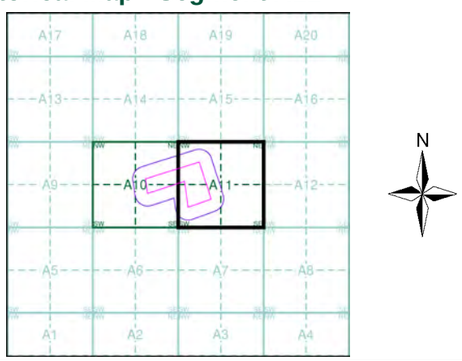

| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El Sub Sta | Electricity Sub Station | SP, SL | Signal Post or Light |
| FB | Filter Bed | Spr | Spring |
| Fn / D Fn | Fountain / Drinking Ftn. | Tk | Tank or Track |
| Gas Gov | Gas Valve Compound | Tr | Trough |
| GVC | Gas Governer | Wd Pp | Wind Pump |
| GP | Guide Post | Wr Pt, Wr T | Water Point, Water Tap |
| MH | Manhole | Wks | Works (building or area) |
| MP, MS | Mile Post or Mile Stone | W | Well |

BRD

## Historical Mapping & Photography included:

| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Lincolnshire | 1:2,500 | 1888 | 2 |
| Lincolnshire | 1:2,500 | 1904 | 3 |
| Ordnance Survey Plan | 1:2,500 | 1975 | 4 |
| Additional SIMs | 1:2,500 | 1984 | 5 |
| Large-Scale National Grid Data | 1:2,500 | 1994 - 1995 | 6 |
| Large-Scale National Grid Data | 1:2,500 | 1995 | 7 |
| Historical Aerial Photography | 1:2,500 | 1999 | 8 |

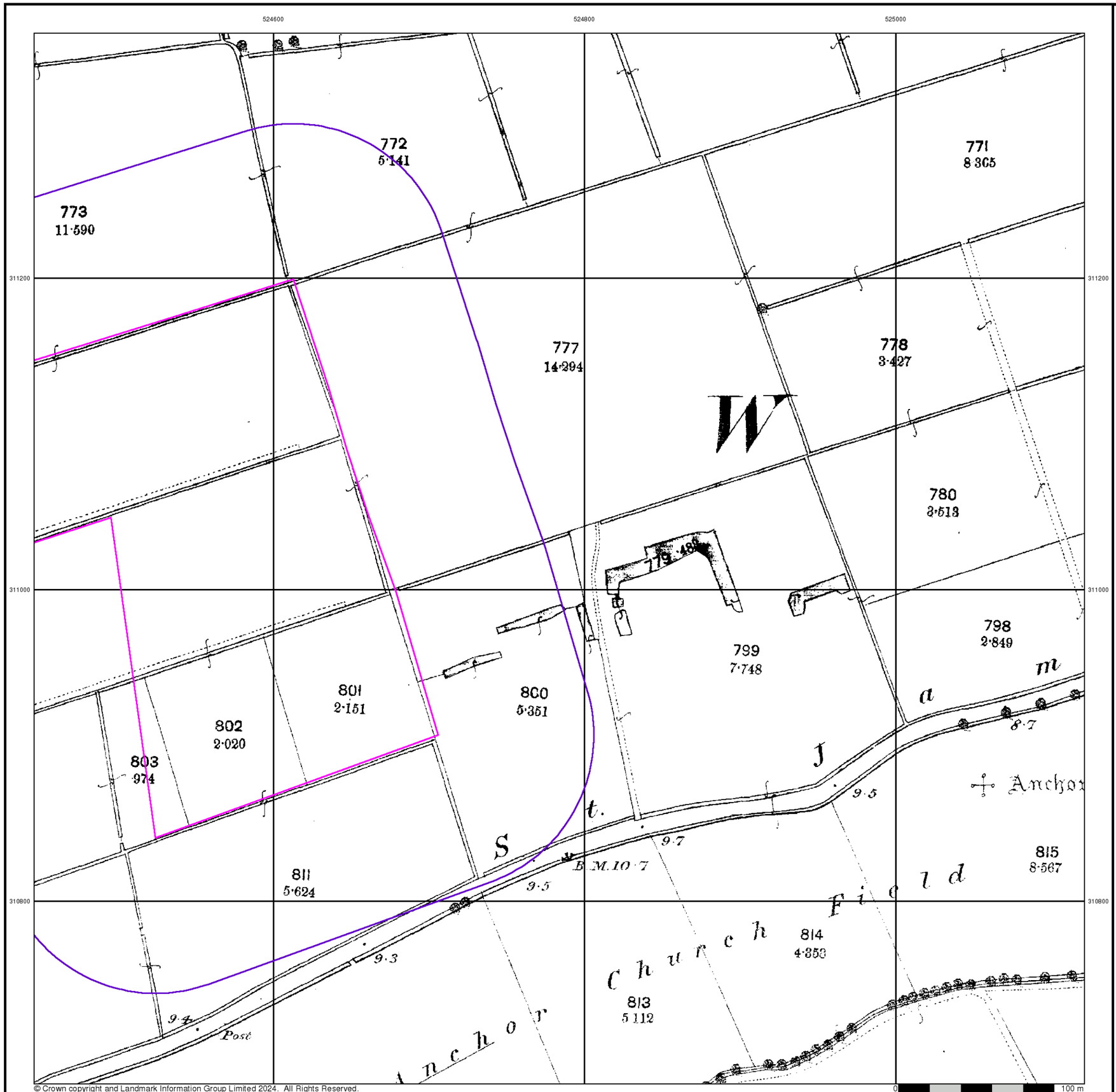
## Historical Map - Segment A11




## Order Details

## Site Details

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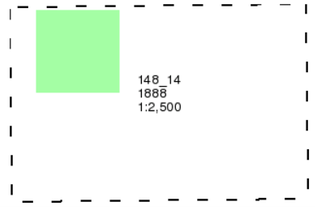
BRD

**Lincolnshire**

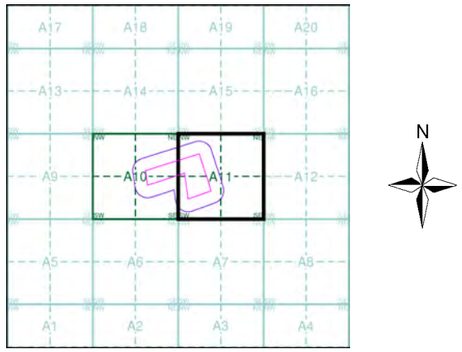
**Published 1888**

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

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



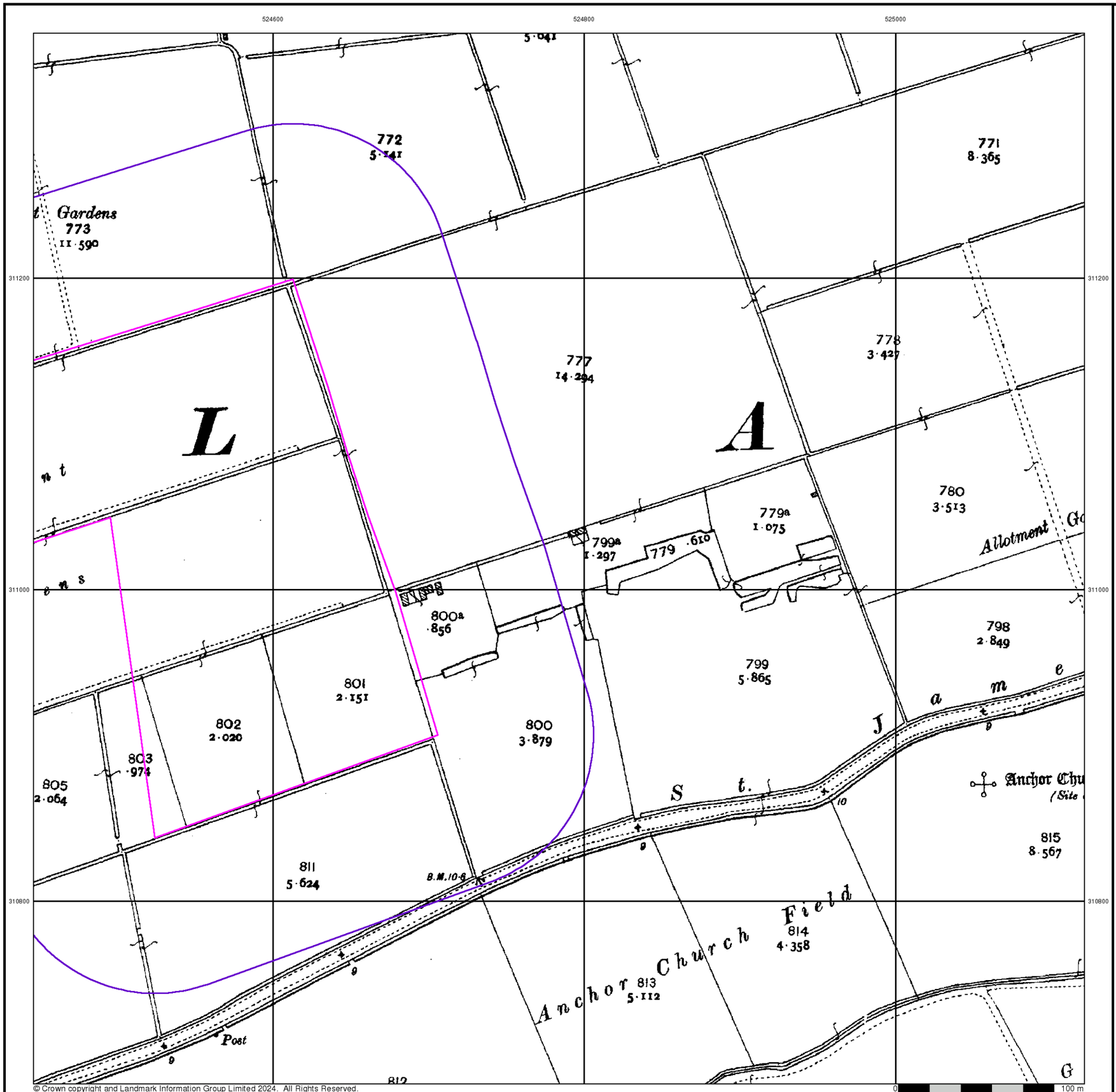

## Historical Map - Segment A11




## Order Details

## Site Details

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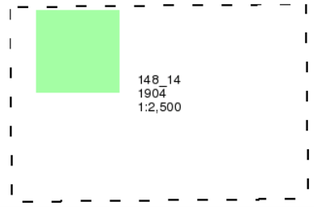
BRD

**Lincolnshire**

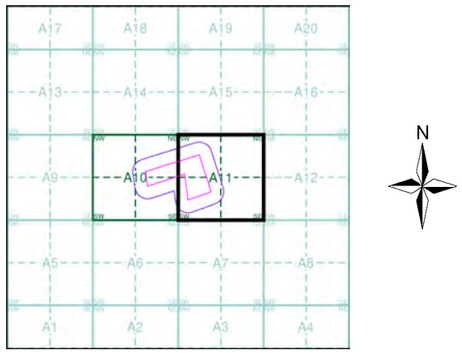
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**Source map scale - 1:2,500**

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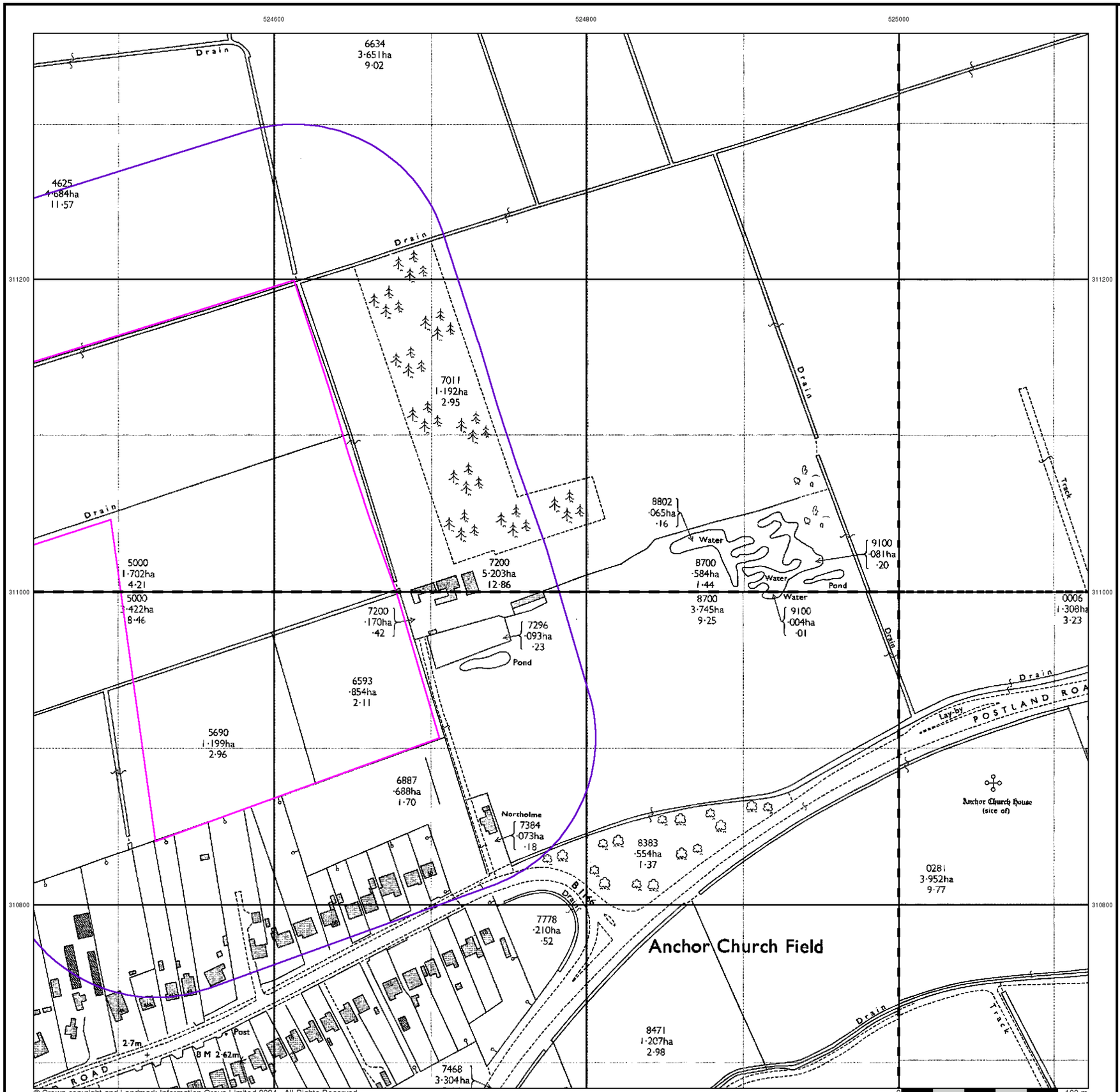

## Historical Map - Segment A11




## Order Details

## Site Details

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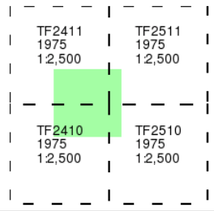
BRD

## Ordnance Survey Plan

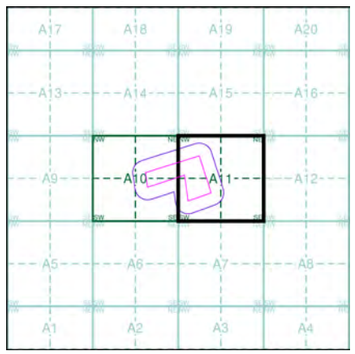
**Published 1975**

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

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




### Historical Map - Segment A11




### Order Details

### Site Details

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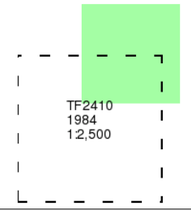
BRD

## Additional SIMs

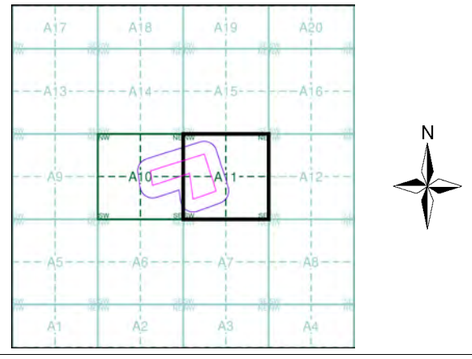
**Published 1984**

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

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




## Historical Map - Segment A11




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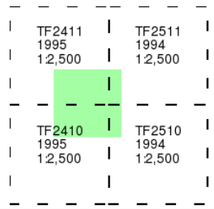
BRD

## Large-Scale National Grid Data

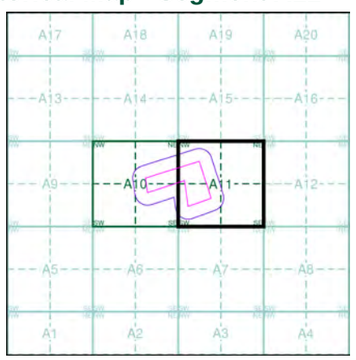
**Published 1994 - 1995**

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

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




## Historical Map - Segment A11




## Order Details

## Site Details

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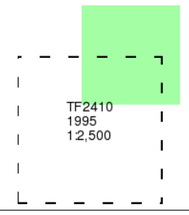

BRD

## Large-Scale National Grid Data

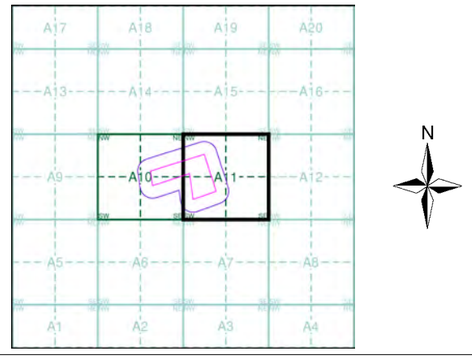
**Published 1995**

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

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



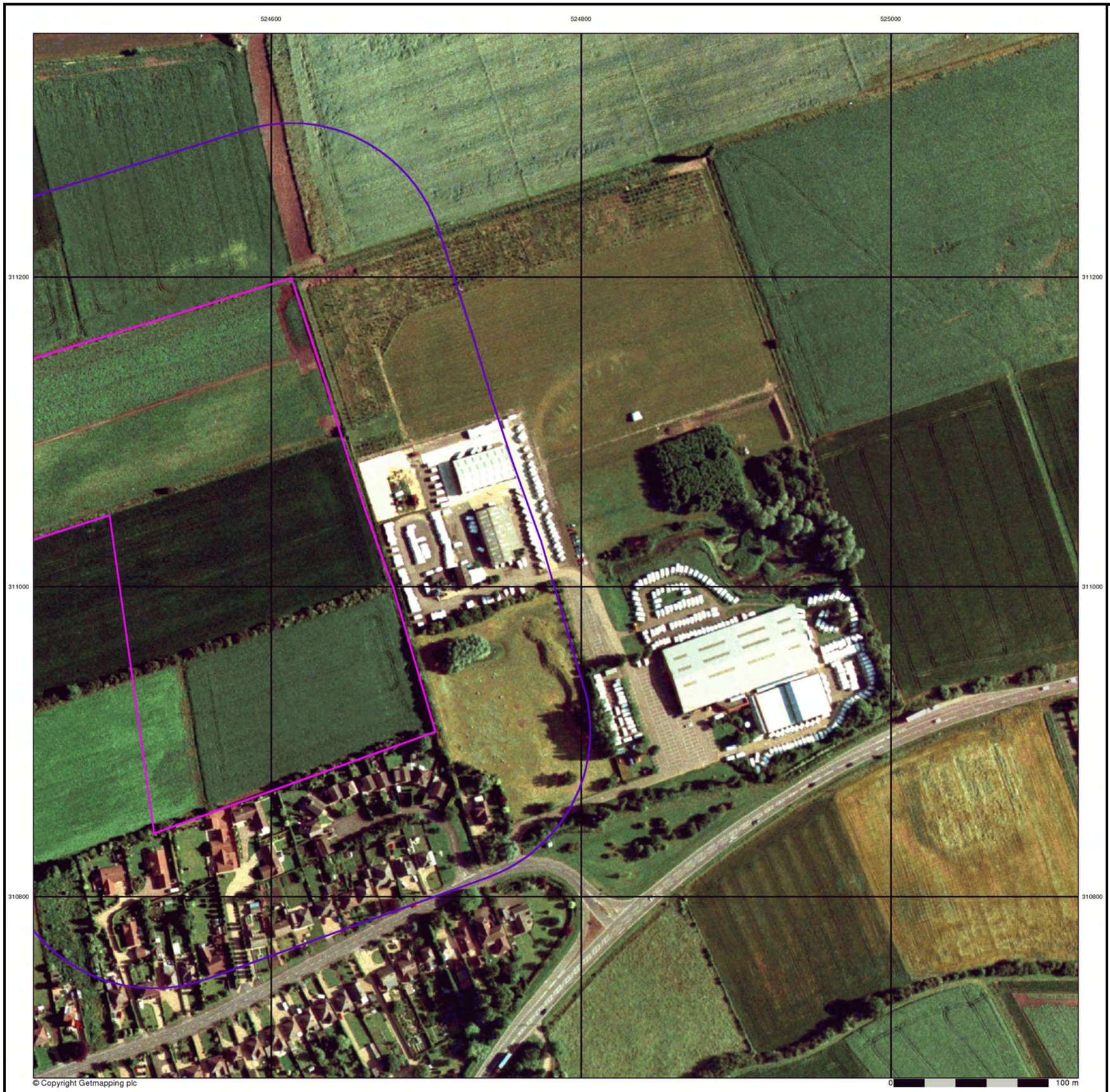

### Historical Map - Segment A11




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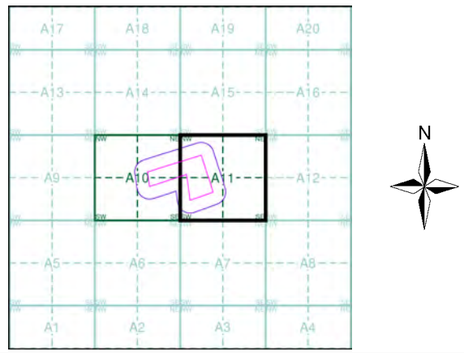



BRD

## Historical Aerial Photography

**Published 1999**

### Historical Aerial Photography - Segment A11




### Order Details

### Site Details

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# APPENDIX 3

# Envirocheck® Report:

# Datasheet

## Order Details:

**Order Number:**
363276827_1_1

**Customer Reference:**
BRD4519

**National Grid Reference:**
524460, 311010

**Slice:**
A

**Site Area (Ha):**
8.64

**Search Buffer (m):**
1000

## Site Details:

Land off Cloot Drove
Crowland
PETERBOROUGH
PE6 0JJ

## Client Details:

Ms A Stratford
BRD Environmental Ltd
Hawthorne Villa
1 Old Parr Road
Banbury
Oxfordshire
OX16 5HT

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| Industrial Land Use | 51 |
| Sensitive Land Use | 57 |
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**Introduction**

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


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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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**Report Version v53.0**

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Agency & Hydrological** | | | | | |
| BGS Groundwater Flooding Susceptibility | pg 1 | Yes | | Yes | n/a |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 1 | | | 4 | 5 |
| Prosecutions | | | | | |
| Enforcement and Prohibition Notices | | | | | |
| Integrated Pollution Controls | | | | | |
| Integrated Pollution Prevention And Control | | | | | |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | | | | | |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | | Yes | | | |
| Pollution Incidents to Controlled Waters | pg 3 | | | | 2 |
| Historical Prosecutions | | | | | |
| Registered Radioactive Substances | | | | | |
| Substantiated Pollution Incident Register | pg 3 | | 1 | | |
| Water Abstractions | pg 4 | | 1 | 1 | 7 (*39) |
| Water Industry Act Referrals | | | | | |
| Groundwater Vulnerability Map | pg 16 | Yes | n/a | n/a | n/a |
| Groundwater Vulnerability - Soluble Rock Risk | | | n/a | n/a | n/a |
| Groundwater Vulnerability - Local Information | | | n/a | n/a | n/a |
| Bedrock Aquifer Designations | pg 16 | Yes | n/a | n/a | n/a |
| Superficial Aquifer Designations | pg 16 | Yes | n/a | n/a | n/a |
| Source Protection Zones | | | | | |
| Extreme Flooding from Rivers or Sea without Defences | pg 16 | Yes | Yes | n/a | n/a |
| Flooding from Rivers or Sea without Defences | pg 16 | Yes | Yes | n/a | n/a |
| Areas Benefiting from Flood Defences | | | | n/a | n/a |
| Flood Water Storage Areas | pg 17 | | Yes | n/a | n/a |
| Flood Defences | pg 17 | | Yes | n/a | n/a |
| OS Water Network Lines | pg 17 | 6 | 43 | 29 | 183 |
| Water Framework Directive - Catchment | pg 46 | Yes | | | Yes |
| Water Framework Directive - Groundwater | | | | | |
| Water Framework Directive - Surface Waters | | | | | |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Waste** | | | | | |
| BGS Recorded Landfill Sites | | | | | |
| Historical Landfill Sites | | | | | |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste Management Facilities (Landfill Boundaries) | | | | | |
| Licensed Waste Management Facilities (Locations) | | | | | |
| Local Authority Landfill Coverage | pg 47 | 2 | n/a | n/a | n/a |
| Local Authority Recorded Landfill Sites | | | | | |
| Potentially Infilled Land (Non-Water) | | | | | |
| Potentially Infilled Land (Water) | pg 47 | | 7 | 2 | 2 |
| Registered Landfill Sites | | | | | |
| Registered Waste Transfer Sites | | | | | |
| Registered Waste Treatment or Disposal Sites | pg 48 | | | | 1 |
| **Hazardous Substances** | | | | | |
| Control of Major Accident Hazards Sites (COMAH) | | | | | |
| Explosive Sites | | | | | |
| Notification of Installations Handling Hazardous Substances (NIHHS) | | | | | |
| Planning Hazardous Substance Consents | | | | | |
| Planning Hazardous Substance Enforcements | | | | | |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Geological** | | | | | |
| BGS 1:625,000 Solid Geology | pg 49 | Yes | n/a | n/a | n/a |
| BGS Estimated Soil Chemistry | pg 49 | Yes | | Yes | Yes |
| BGS Recorded Mineral Sites | | | | | |
| BGS Urban Soil Chemistry | | | | | |
| BGS Urban Soil Chemistry Averages | | | | | |
| CBSCB Compensation District | | | n/a | n/a | n/a |
| Coal Mining Affected Areas | | | n/a | n/a | n/a |
| Mining Instability | | | n/a | n/a | n/a |
| Man-Made Mining Cavities | | | | | |
| Natural Cavities | | | | | |
| Non Coal Mining Areas of Great Britain | | | | n/a | n/a |
| Potential for Collapsible Ground Stability Hazards | pg 49 | Yes | | n/a | n/a |
| Potential for Compressible Ground Stability Hazards | pg 49 | Yes | | n/a | n/a |
| Potential for Ground Dissolution Stability Hazards | | | | n/a | n/a |
| Potential for Landslide Ground Stability Hazards | pg 50 | Yes | | n/a | n/a |
| Potential for Running Sand Ground Stability Hazards | pg 50 | Yes | Yes | n/a | n/a |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards | pg 50 | Yes | Yes | n/a | n/a |
| Radon Potential - Radon Affected Areas | | | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | | | n/a | n/a | n/a |
| **Industrial Land Use** | | | | | |
| Contemporary Trade Directory Entries | pg 51 | | 5 | 8 | 22 |
| Fuel Station Entries | | | | | |
| Points of Interest - Commercial Services | pg 54 | | 1 | 4 | 9 |
| Points of Interest - Education and Health | | | | | |
| Points of Interest - Manufacturing and Production | pg 55 | | | 3 | 3 |
| Points of Interest - Public Infrastructure | pg 55 | | | | 3 |
| Points of Interest - Recreational and Environmental | pg 56 | | 2 | 1 | 4 |
| Underground Electrical Cables | | | | | |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Sensitive Land Use** | | | | | |
| 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 57 | 1 | | | |
| Ramsar Sites | | | | | |
| Sites of Special Scientific Interest | | | | | |
| Special Areas of Conservation | | | | | |
| Special Protection Areas | | | | | |
| World Heritage Sites | | | | | |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A10SW (W) | 274 | 1 | 523950 310850 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface | A11SE (E) | 295 | 1 | 525000 311015 |
| | **BGS Groundwater Flooding Susceptibility**<br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A6NW (SW) | 429 | 1 | 523900 310650 |
| 1 | **Discharge Consents**<br>Operator: The Secretary<br>Property Type: Domestic Property (Multiple)<br>Location: Postland Road Properties, Crowland, Peterborough, Pe6 0dd<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr5lf3238<br>Permit Version: 1<br>Effective Date: 23rd June 1975<br>Issued Date: 23rd June 1975<br>Revocation Date: 1st October 1996<br>Discharge Type: Unknown<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989**<br>Positional Accuracy: Located by supplier to within 100m | A7NW (SE) | 287 | 2 | 524700 310600 |
| 2 | **Discharge Consents**<br>Operator: L E Wyer & Sons Ltd<br>Property Type: Not Supplied<br>Location: House At Plot5 The Chase, Crowland, Peterborough<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr5lf3785<br>Permit Version: 1<br>Effective Date: 10th August 1981<br>Issued Date: 10th August 1981<br>Revocation Date: 1st October 1996<br>Discharge Type: Unknown<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989**<br>Positional Accuracy: Located by supplier to within 100m | A7NW (S) | 342 | 2 | 524500 310500 |
| 3 | **Discharge Consents**<br>Operator: Mr & Mrs Tansley<br>Property Type: Domestic Property (Single)<br>Location: Yellow Stocking Hall The Chase, Crowland, Peterborough, Pe6 0dd<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Low River Nene / South Holland Main<br>Reference: Prnnf09908<br>Permit Version: 1<br>Effective Date: 10th November 1995<br>Issued Date: 10th November 1995<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Fen Drain<br>**Status: Post National Rivers Authority Legislation where issue date > 31/08/1989**<br>Positional Accuracy: Located by supplier to within 100m | A7NE (SE) | 468 | 2 | 524790 310440 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 4 | **Discharge Consents**<br>Operator: W E G Curtis Esq.<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Bungalow At The Chase, Crowland<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr5lf3555<br>Permit Version: 1<br>Effective Date: 1st December 1978<br>Issued Date: 1st December 1978<br>Revocation Date: 1st October 1996<br>Discharge Type: Unknown<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989**<br>Positional Accuracy: Located by supplier to within 10m | A7NW (S) | 497 | 2 | 524450 310350 |
| 5 | **Discharge Consents**<br>Operator: Mr And Mrs David Lindsey<br>Property Type: Domestic Property (Single)<br>Location: North Street No.28, Crowland Crowland, Peterborough, Cambs, Pe6 0ef<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Low River Nene / South Holland Main<br>Reference: Pr5lf3599<br>Permit Version: 2<br>Effective Date: 14th December 2011<br>Issued Date: 14th December 2011<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: Varied under EPR 2010**<br>Positional Accuracy: Located by supplier to within 10m | A6NW (SW) | 656 | 2 | 523850 310400 |
| 5 | **Discharge Consents**<br>Operator: Mr And Mrs David Lindsey<br>Property Type: Domestic Property (Single)<br>Location: North Street No.28, Crowland Crowland, Peterborough, Cambs, Pe6 0ef<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Low River Nene / South Holland Main<br>Reference: Pr5lf3599<br>Permit Version: 1<br>Effective Date: 15th May 1979<br>Issued Date: 15th May 1979<br>Revocation Date: 13th December 2011<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989**<br>Positional Accuracy: Located by supplier to within 10m | A6NW (SW) | 656 | 2 | 523850 310400 |
| 6 | **Discharge Consents**<br>Operator: Mr. A. Clarke<br>Property Type: Not Supplied<br>Location: West Bank, Crowland, Peterborough, Pe6 0hp<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr5lf3016<br>Permit Version: 1<br>Effective Date: 16th June 1966<br>Issued Date: 16th June 1966<br>Revocation Date: 1st October 1996<br>Discharge Type: Unknown<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989**<br>Positional Accuracy: Located by supplier to within 10m | A5NE (SW) | 663 | 2 | 523710 310510 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 6 | **Discharge Consents**<br>Operator: Mr. Mrs. R.G. Popple<br>Property Type: Not Supplied<br>Location: House At West Bank, Crowland, Peterborough<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr5lf3715<br>Permit Version: 1<br>Effective Date: 12th August 1980<br>Issued Date: 12th August 1980<br>Revocation Date: 5th September 1997<br>Discharge Type: Unknown<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989**<br>Positional Accuracy: Located by supplier to within 100m | A5NE (SW) | 677 | 2 | 523700 310500 |
| 6 | **Discharge Consents**<br>Operator: The Occupier<br>Property Type: Not Supplied<br>Location: House At West Bank, Crowland, Peterborough<br>Authority: Environment Agency, Anglian Region<br>Catchment Area: Not Supplied<br>Reference: Pr5lf3703<br>Permit Version: 1<br>Effective Date: 17th June 1980<br>Issued Date: 17th June 1980<br>Revocation Date: 1st October 1996<br>Discharge Type: Unknown<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989**<br>Positional Accuracy: Located by supplier to within 100m | A5NE (SW) | 677 | 2 | 523700 310500 |
| | **Nearest Surface Water Feature** | A11SW (SE) | 0 | - | 524521 310948 |
| 7 | **Pollution Incidents to Controlled Waters**<br>Property Type: Industrial: Other<br>Location: Spalding District<br>Authority: Environment Agency, Anglian Region<br>Pollutant: Oils - Petrol<br>Note: Not Supplied<br>Incident Date: 27th November 1995<br>Incident Reference: 2132<br>Catchment Area: Not Given<br>Receiving Water: Potential Groundwater<br>Cause of Incident: Leaking Tank<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A6SW (SW) | 719 | 2 | 523900 310300 |
| 8 | **Pollution Incidents to Controlled Waters**<br>Property Type: Not Applicable<br>Location: Spalding District<br>Authority: Environment Agency, Anglian Region<br>Pollutant: Miscellaneous - Natural<br>Note: Local Idb Drain<br>Incident Date: 10th September 1998<br>Incident Reference: 2729<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Low Dissolved Oxygen<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A16SE (NE) | 937 | 2 | 525500 311500 |
| 9 | **Substantiated Pollution Incident Register**<br>Authority: Environment Agency - Anglian Region, Northern Area<br>Incident Date: 4th April 2002<br>Incident Reference: 68883<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 2 - Significant Incident<br>Land Impact: Category 4 - No Impact<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Atmospheric Pollutants And Effects: Other Atmospheric Pollutant Or Effect | A11SW (SE) | 62 | 2 | 524737 310853 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 10 | **Water Abstractions**<br>Operator: H R Showler<br>Licence Number: 5/32/11/*g/049<br>Permit Version: Not Supplied<br>Location: Well, Postland Road, CROWLAND<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Agriculture (General)<br>Abstraction Type: Not Supplied<br>Source: Well And Borehole<br>Daily Rate (m3): 0<br>Yearly Rate (m3): 360<br>Details: Fluvial Sand and Gravel; 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 | A11SW (SE) | 29 | 2 | 524660 310860 |
| 11 | **Water Abstractions**<br>Operator: W A Smedley<br>Licence Number: 5/32/11/*G/0024<br>Permit Version: 100<br>Location: Well At 38 Postland Road<br>Authority: Environment Agency, Anglian Region<br>Abstraction: General Farming And Domestic<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Fluvial Sand and Gravel; Status: Perpetuity<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st March 1966<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A10SE (SW) | 265 | 2 | 524300 310700 |
| 12 | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 100<br>Location: New River At Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st June 1986<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A14NW (NW) | 790 | 2 | 523900 311800 |
| 13 | **Water Abstractions**<br>Operator: J And L D Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 103<br>Location: New River At Crowland<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: 8th December 2020<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A14NW (NW) | 867 | 2 | 523889 311878 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 13 | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 102<br>Location: New River At Crowland<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: 18th September 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A14NW (NW) | 867 | 2 | 523889 311878 |
| 13 | **Water Abstractions**<br>Operator: J W E Banks Ltd<br>Licence Number: 5/32/11/*S/0019<br>Permit Version: 101<br>Location: New River At Crowland<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 May<br>Authorised End: 31 August<br>Permit Start Date: 28th February 2005<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A14NW (NW) | 868 | 2 | 523890 311880 |
| 13 | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 101<br>Location: New River At Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 23rd February 2005<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A14NW (NW) | 868 | 2 | 523890 311880 |
| 14 | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: An/032/0011/057<br>Permit Version: 1<br>Location: Postland Main Drain In North Level Idb Crowland<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: 12th January 2021<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A16SE (NE) | 929 | 2 | 525471 311555 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 14 | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: An/032/0011/057<br>Permit Version: 1<br>Location: Postland Main Drain In North Level Idb Crowland<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Trickle Irrigation<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: 12th January 2021<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A16SE (NE) | 929 | 2 | 525471 311555 |
| | **Water Abstractions**<br>Operator: C & J M Boor<br>Licence Number: 5/31/14/*s/175<br>Permit Version: Not Supplied<br>Location: Farm Drains At, CROWLAND<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 16<br>Yearly Rate (m3): 2000000<br>Details: 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 | A13NE (NW) | 1161 | 2 | 523500 312000 |
| | **Water Abstractions**<br>Operator: C & J M Boor<br>Licence Number: 5/31/14/*s/175<br>Permit Version: Not Supplied<br>Location: Nene River At, CROWLAND<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 16<br>Yearly Rate (m3): 2000000<br>Details: 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 | A18SW (NW) | 1200 | 2 | 523800 312200 |
| | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 101<br>Location: R Welland At Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 23rd February 2005<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1209 | 2 | 523020 311380 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: J And L D Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 103<br>Location: R Welland At Crowland<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: 8th December 2020<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1210 | 2 | 523018<br>311378 |
| | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 102<br>Location: R Welland At Crowland<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: 18th September 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1210 | 2 | 523018<br>311378 |
| | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 100<br>Location: R Welland At Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st June 1986<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1233 | 2 | 523000<br>311400 |
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0254<br>Permit Version: 1<br>Location: River Welland - Crowland<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: 1st July 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1307 | 2 | 522930<br>310660 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: F Adams & Son<br>Licence Number: 5/31/14/*S/0178b<br>Permit Version: 100<br>Location: River Welland At Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st November 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1328 | 2 | 522900<br>310700 |
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0254<br>Permit Version: 2<br>Location: New River Drain - Crowland<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Trickle Irrigation<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: 12th January 2021<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A5SW (SW) | 1337 | 2 | 523258<br>310008 |
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0254<br>Permit Version: 2<br>Location: New River Drain - Crowland<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: 12th January 2021<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A5SW (SW) | 1337 | 2 | 523258<br>310008 |
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0254<br>Permit Version: 1<br>Location: New River - Crowland<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: 1st July 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A1NW (SW) | 1348 | 2 | 523250<br>310000 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: J W Wheat<br>Licence Number: 5/31/14/*S/0160<br>Permit Version: 101<br>Location: River Welland, Crowland<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: 18th October 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A13NW (NW) | 1371 | 2 | 523100 311900 |
| | **Water Abstractions**<br>Operator: J W Wheat<br>Licence Number: 5/31/14/*S/0160<br>Permit Version: 101<br>Location: River Welland, Crowland<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 March<br>Authorised End: 31 October<br>Permit Start Date: 18th October 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A13NW (NW) | 1371 | 2 | 523100 311900 |
| | **Water Abstractions**<br>Operator: F Adams & Son<br>Licence Number: 5/31/14/*S/0178a<br>Permit Version: 100<br>Location: R Welland, Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st December 1992<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A13NW (NW) | 1371 | 2 | 523100 311900 |
| | **Water Abstractions**<br>Operator: J W Wheat<br>Licence Number: 5/31/14/*S/0160<br>Permit Version: 100<br>Location: River Welland, Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st April 1985<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A13NW (NW) | 1371 | 2 | 523100 311900 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: F Adams & Son<br>Licence Number: 5/31/14/*S/0178b<br>Permit Version: 100<br>Location: New River At Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st November 1993<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A1NW (SW) | 1384 | 2 | 523200 310000 |
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0253<br>Permit Version: 2<br>Location: River Welland - Crowland Common<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Trickle Irrigation<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: 12th January 2021<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (NW) | 1419 | 2 | 523040 311900 |
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0253<br>Permit Version: 2<br>Location: River Welland - Crowland Common<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: 12th January 2021<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (NW) | 1419 | 2 | 523040 311900 |
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0253<br>Permit Version: 1<br>Location: River Welland - Crowland Common<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: 1st July 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (NW) | 1419 | 2 | 523040 311900 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: C & J M Boor<br>Licence Number: 5/31/14/*s/175<br>Permit Version: Not Supplied<br>Location: River Welland At, CROWLAND<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 16<br>Yearly Rate (m3): 2000000<br>Details: 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 | A17SW (NW) | 1431 | 2 | 523200 312100 |
| | **Water Abstractions**<br>Operator: C & J M Boor<br>Licence Number: 5/31/14/*s/175<br>Permit Version: Not Supplied<br>Location: River Welland At, CROWLAND<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 16<br>Yearly Rate (m3): 2000000<br>Details: 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 | A13NW (NW) | 1434 | 2 | 523100 312000 |
| | **Water Abstractions**<br>Operator: C & J M Boor<br>Licence Number: 5/31/14/*s/175<br>Permit Version: Not Supplied<br>Location: Nene River At, CROWLAND<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 16<br>Yearly Rate (m3): 2000000<br>Details: 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 | (NW) | 1452 | 2 | 523000 311900 |
| | **Water Abstractions**<br>Operator: F Adams & Son<br>Licence Number: 5/31/14/*S/0178a<br>Permit Version: 100<br>Location: Common Drain Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st December 1992<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1496 | 2 | 522700 310900 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0253<br>Permit Version: 2<br>Location: Common Drain Crowland Common<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Trickle Irrigation<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: 12th January 2021<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1509 | 2 | 522683<br>310939 |
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0253<br>Permit Version: 2<br>Location: Common Drain Crowland Common<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: 12th January 2021<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1509 | 2 | 522683<br>310939 |
| | **Water Abstractions**<br>Operator: F G Tansley & Son<br>Licence Number: 5/31/14/*S/0253<br>Permit Version: 1<br>Location: Common Drain - Crowland Common<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: 1st July 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1513 | 2 | 522680<br>310930 |
| | **Water Abstractions**<br>Operator: J And L D Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 103<br>Location: River Welland At Crowland<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: 8th December 2020<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A17SW (NW) | 1557 | 2 | 523188<br>312258 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 102<br>Location: River Welland At Crowland<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: 18th September 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A17SW (NW) | 1557 | 2 | 523188 312258 |
| | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 101<br>Location: River Welland At Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 23rd February 2005<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A17SW (NW) | 1557 | 2 | 523190 312260 |
| | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/31/14/*S/0185<br>Permit Version: 100<br>Location: River Welland At Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st June 1986<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A17SW (NW) | 1581 | 2 | 523200 312300 |
| | **Water Abstractions**<br>Operator: J W Wheat<br>Licence Number: 5/31/14/*S/0160<br>Permit Version: 101<br>Location: Un-Named Drain In Welland & Deepings Idb<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 March<br>Authorised End: 31 October<br>Permit Start Date: 18th October 2013<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (W) | 1610 | 2 | 522689 311655 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: J And L D Boor<br>Licence Number: 5/32/11/*S/0112<br>Permit Version: 103<br>Location: Green Bank Drain, Crowland<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: 4th November 2020<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (S) | 1625 | 2 | 524630<br>309220 |
| | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/32/11/*S/0112<br>Permit Version: 102<br>Location: Green Bank Drain, Crowland<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: 19th May 2020<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (S) | 1625 | 2 | 524630<br>309220 |
| | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/32/11/*S/0112<br>Permit Version: 101<br>Location: Green Bank Drain, Crowland<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: 30th September 2002<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (S) | 1625 | 2 | 524630<br>309220 |
| | **Water Abstractions**<br>Operator: J & L Boor<br>Licence Number: 5/32/11/*S/0112<br>Permit Version: 100<br>Location: Green Bank Drain, Crowland<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: Status: Perpetuity<br>Authorised Start: 01 April<br>Authorised End: 31 October<br>Permit Start Date: 1st July 1998<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (S) | 1625 | 2 | 524630<br>309220 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: J And L D Boor<br>Licence Number: 5/32/11/*S/0112<br>Permit Version: 103<br>Location: Point B-C (Green Bank Drain, Crowland)<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: 4th November 2020<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (S) | 1633 | 2 | 524645<br>309213 |
| | **Water Abstractions**<br>Operator: F & C A Adams<br>Licence Number: 5/31/14/*s/178b<br>Permit Version: Not Supplied<br>Location: River Welland , CROWLAND<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Spray Irrigation<br>Abstraction Type: Not Supplied<br>Source: Stream<br>Daily Rate (m3): 22<br>Yearly Rate (m3): 4000000<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 | A17NW<br>(NW) | 1688 | 2 | 523300<br>312500 |
| | **Water Abstractions**<br>Operator: S G Beeken<br>Licence Number: 5/32/11/*g/008<br>Permit Version: Not Supplied<br>Location: Well At, CROWLAND<br>Authority: Environment Agency, Anglian Region<br>Abstraction: Agriculture (General)<br>Abstraction Type: Not Supplied<br>Source: Groundwater Fed Reservoir<br>Daily Rate (m3): 0<br>Yearly Rate (m3): 450<br>Details: Fluvial Sand and Gravel; 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 100m | A1SE<br>(SW) | 1704 | 2 | 523500<br>309400 |
| | **Water Abstractions**<br>Operator: Dennis Estates<br>Licence Number: 5/31/14/*S/0273<br>Permit Version: 1<br>Location: River Welland<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 March<br>Authorised End: 31 October<br>Permit Start Date: 23rd June 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | (NW) | 1964 | 2 | 523370<br>312850 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - High Vulnerability<br>Combined Vulnerability: High<br>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: High<br>Bedrock Flow: Well Connected Fractures<br>Dilution: <300 mm/year<br>Baseflow Index: >70%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | A11SW (NW) | 0 | 3 | 524460 311015 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Secondary Superficial Aquifer - High Vulnerability<br>Combined Vulnerability: High<br>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer<br>Pollutant Speed: Intermediate<br>Bedrock Flow: Well Connected Fractures<br>Dilution: <300 mm/year<br>Baseflow Index: >70%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: High | A11SW (S) | 0 | 3 | 524460 311000 |
| | **Groundwater Vulnerability Map**<br>Combined Classification: Unproductive Aquifer (may have productive aquifer beneath)<br>Combined Vulnerability: Unproductive<br>Combined Aquifer: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer<br>Pollutant Speed: High<br>Bedrock Flow: Well Connected Fractures<br>Dilution: <300 mm/year<br>Baseflow Index: >70%<br>Superficial Patchiness: >90%<br>Superficial Thickness: 3-10m<br>Superficial Recharge: Low | A10NE (NW) | 0 | 3 | 524367 311179 |
| | **Groundwater Vulnerability - Soluble Rock Risk**<br>None | | | | |
| | **Bedrock Aquifer Designations**<br>Aquifer Designation: Unproductive Strata | A11SW (NW) | 0 | 3 | 524460 311015 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Secondary Aquifer - A | A11SW (NW) | 0 | 3 | 524460 311015 |
| | **Superficial Aquifer Designations**<br>Aquifer Designation: Unproductive Strata | A10NE (NW) | 0 | 3 | 524367 311179 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A11SW (NW) | 0 | 2 | 524460 311015 |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A7NW (S) | 171 | 2 | 524485 310670 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A11SW (NW) | 0 | 2 | 524460 311015 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A11NW (NE) | 0 | 2 | 524585 311079 |
| | **Flooding from Rivers or Sea without Defences**<br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied | A11SW (SE) | 125 | 2 | 524611 310739 |
| | **Areas Benefiting from Flood Defences**<br>None | | | | |
| | **Flood Water Storage Areas**<br>Type: Flood Water Storage Areas<br>Reference: Not Supplied | A10NW (W) | 190 | 2 | 524006 311123 |
| | **Flood Defences**<br>Type: Flood Defences<br>Reference: Not Supplied | A10NW (W) | 191 | 2 | 524002 311116 |
| 15 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 257.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 0 | 4 | 524335 311110 |
| 16 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 8.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 0 | 4 | 524335 311110 |
| 17 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 291.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (N) | 0 | 4 | 524422 311137 |
| 18 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 177.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11SW (SE) | 0 | 4 | 524510 310943 |
| 19 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 10.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11NW (NE) | 0 | 4 | 524613 311198 |
| 20 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 201.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11NW (E) | 0 | 4 | 524652 311077 |
| 21 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 278.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11NW (NE) | 1 | 4 | 524613 311198 |

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| 22 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 43.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 6 | 4 | 524335 311118 |
| 23 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 153.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11NW (NE) | 9 | 4 | 524610 311207 |
| 24 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 11.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (W) | 14 | 4 | 524173 311058 |
| 25 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 15.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (W) | 15 | 4 | 524175 311043 |
| 26 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 11.7<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (W) | 16 | 4 | 524177 311032 |
| 27 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 217.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10SE (W) | 16 | 4 | 524183 310987 |
| 28 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 103.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (W) | 17 | 4 | 524171 311070 |
| 29 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 8.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (W) | 17 | 4 | 524175 311043 |
| 30 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 108.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (W) | 25 | 4 | 524166 311042 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 31 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 19.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (W) | 32 | 4 | 524180 311096 |
| 32 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 77.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 46 | 4 | 524338 311162 |
| 33 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 166.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 46 | 4 | 524338 311162 |
| 34 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 91.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 50 | 4 | 524263 311141 |
| 35 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 281.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 50 | 4 | 524263 311141 |
| 36 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 91.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (W) | 52 | 4 | 524176 311115 |
| 37 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 266.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11SW (SE) | 94 | 4 | 524760 310831 |
| 38 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 87.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11SW (SE) | 111 | 4 | 524750 310805 |
| 39 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 170.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 118 | 4 | 524147 311175 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 40 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 38.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (W) | 131 | 4 | 524058 311043 |
| 41 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 168.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10SE (SW) | 139 | 4 | 524155 310822 |
| 42 | **OS Water Network Lines**<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 | A10NE (NW) | 143 | 4 | 524155 311204 |
| 43 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 365.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 147 | 4 | 524154 311208 |
| 44 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 26.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10SE (SW) | 155 | 4 | 524206 310797 |
| 45 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 319.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11NW (N) | 159 | 4 | 524570 311352 |
| 46 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 213.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (N) | 159 | 4 | 524426 311335 |
| 47 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 448.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (W) | 163 | 4 | 524033 311123 |
| 48 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 36.3<br>Watercourse Level: On ground surface<br>Permanent: False<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10SE (S) | 163 | 4 | 524372 310785 |

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|---|---|---|---|---|---|
| 49 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (W) | 168 | 4 | 524020 311046 |
| 50 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 62.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (W) | 173 | 4 | 524015 311049 |
| 51 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10SE (SW) | 180 | 4 | 524208 310771 |
| 52 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 4.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10SE (SW) | 184 | 4 | 524208 310768 |
| 53 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 123.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11SE (SE) | 184 | 4 | 524792 310732 |
| 54 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.7<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10SE (SW) | 188 | 4 | 524209 310764 |
| 55 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 123.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10SE (SW) | 192 | 4 | 524209 310760 |
| 56 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 215.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11SE (SE) | 194 | 4 | 524872 310808 |
| 57 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 10.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (N) | 199 | 4 | 524358 311327 |

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|---|---|---|---|---|---|
| 58 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 7.7<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (N) | 201 | 4 | 524347 311326 |
| 59 | **OS Water Network Lines**<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 | A7NW (S) | 208 | 4 | 524511 310633 |
| 60 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 199.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (N) | 208 | 4 | 524347 311333 |
| 61 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 149.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11SW (SE) | 213 | 4 | 524768 310703 |
| 62 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 261.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NE (NW) | 228 | 4 | 524240 311320 |
| 63 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 728.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15SW (N) | 246 | 4 | 524554 311439 |
| 64 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 175.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (W) | 251 | 4 | 523946 311137 |
| 65 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 89.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15SW (N) | 253 | 4 | 524609 311452 |
| 66 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 356.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (W) | 267 | 4 | 523921 311042 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 67 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 548.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (W) | 267 | 4 | 523921 311042 |
| 68 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 386.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11NE (E) | 278 | 4 | 524915 311178 |
| 69 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 332.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11NE (NE) | 279 | 4 | 524879 311281 |
| 70 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 411.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (W) | 282 | 4 | 523948 311214 |
| 71 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 528.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (W) | 282 | 4 | 523948 311214 |
| 72 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 730.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7NW (SE) | 283 | 4 | 524706 310580 |
| 73 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 4.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A10NW (NW) | 288 | 4 | 524108 311341 |
| 74 | **OS Water Network Lines**<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 | A10NW (NW) | 292 | 4 | 524107 311345 |
| 75 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 227.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15SW (NE) | 302 | 4 | 524679 311494 |

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| 76 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 211.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15SW (NE) | 303 | 4 | 524694 311491 |
| 77 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 132.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11SE (E) | 303 | 4 | 525008 310918 |
| 78 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 235.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7NW (SE) | 318 | 4 | 524683 310560 |
| 79 | **OS Water Network Lines**<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 | A7NW (SE) | 329 | 4 | 524694 310553 |
| 80 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 65.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A6NW (SW) | 380 | 4 | 524045 310589 |
| 81 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 515.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7NW (SE) | 383 | 4 | 524732 310509 |
| 82 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 202.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A11SE (SE) | 399 | 4 | 525068 310741 |
| 83 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 306.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7NW (S) | 401 | 4 | 524627 310454 |
| 84 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 121.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (N) | 408 | 4 | 524337 311540 |

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| 85 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 297.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (N) | 415 | 4 | 524341 311548 |
| 86 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 330.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15SE (NE) | 415 | 4 | 524930 311466 |
| 87 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 529.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (E) | 439 | 4 | 525142 310956 |
| 88 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 432.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15SE (NE) | 448 | 4 | 524896 311546 |
| 89 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 97.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (NW) | 452 | 4 | 524110 311515 |
| 90 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 450.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SW (NW) | 462 | 4 | 524018 311494 |
| 91 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 131.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (NW) | 464 | 4 | 524111 311527 |
| 92 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 405.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (E) | 474 | 4 | 525178 310936 |
| 93 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 26.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (NW) | 509 | 4 | 524131 311581 |

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| 94 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 301.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (NW) | 528 | 4 | 524150 311607 |
| 95 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 155.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (NW) | 533 | 4 | 524132 311606 |
| 96 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 412.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A7SW (S) | 541 | 4 | 524626 310310 |
| 97 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 128.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7NE (SE) | 570 | 4 | 525072 310470 |
| 98 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 113.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7NE (SE) | 570 | 4 | 525072 310470 |
| 99 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 123.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (E) | 571 | 4 | 525272 310979 |
| 100 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 7.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NW (SE) | 576 | 4 | 525171 310567 |
| 101 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 484.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (E) | 582 | 4 | 525285 310959 |
| 102 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 235.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NW (SE) | 583 | 4 | 525175 310561 |

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| 103 | **OS Water Network Lines**<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 | A14SE (NW) | 587 | 4 | 524120 311659 |
| 104 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 178.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (N) | 590 | 4 | 524394 311749 |
| 105 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 137.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14SE (NW) | 591 | 4 | 524121 311664 |
| 106 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 106.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16SW (NE) | 611 | 4 | 525196 311381 |
| 107 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 173.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (W) | 617 | 4 | 523573 311125 |
| 108 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 132.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (W) | 627 | 4 | 523560 311093 |
| 109 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 133.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A6SE (S) | 628 | 4 | 524338 310242 |
| 110 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 306.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (W) | 633 | 4 | 523563 311170 |
| 111 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 156.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A6SE (S) | 641 | 4 | 524414 310210 |

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| 112 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 2.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A6SE (S) | 641 | 4 | 524412 310211 |
| 113 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 91.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15NW (N) | 644 | 4 | 524548 311840 |
| 114 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 117.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16SW (NE) | 645 | 4 | 525183 311500 |
| 115 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 145.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7SW (S) | 647 | 4 | 524752 310235 |
| 116 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 355.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16SW (NE) | 649 | 4 | 525180 311514 |
| 117 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 674.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (NW) | 659 | 4 | 523906 311741 |
| 118 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 113.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A6SE (S) | 661 | 4 | 524282 310227 |
| 119 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 57.2<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 663 | 4 | 523639 310605 |
| 120 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 204.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 663 | 4 | 523639 310605 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 121 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 115.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7SE (SE) | 678 | 4 | 525047 310318 |
| 122 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 152.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7NE (SE) | 679 | 4 | 525118 310368 |
| 123 | **OS Water Network Lines**<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 | A12SW (E) | 682 | 4 | 525357 310706 |
| 124 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 269.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (E) | 682 | 4 | 525357 310706 |
| 125 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 345.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 682 | 4 | 523669 310530 |
| 126 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 92.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (E) | 683 | 4 | 525358 310706 |
| 127 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 338.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (NW) | 685 | 4 | 524144 311770 |
| 128 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 305.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A7SW (S) | 687 | 4 | 524560 310155 |
| 129 | **OS Water Network Lines**<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 | A15NW (N) | 687 | 4 | 524626 311886 |

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| 130 | **OS Water Network Lines**<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 | A15NW (N) | 687 | 4 | 524626 311886 |
| 131 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 502.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NW (E) | 691 | 4 | 525361 311169 |
| 132 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 98.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A7SW (S) | 694 | 4 | 524580 310150 |
| 133 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 257.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A7SW (S) | 694 | 4 | 524580 310150 |
| 134 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 178.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NW (E) | 697 | 4 | 525393 311020 |
| 135 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 19.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 703 | 4 | 523640 310533 |
| 136 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 707 | 4 | 523623 310550 |
| 137 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 2.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 707 | 4 | 523623 310550 |
| 138 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 10.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 708 | 4 | 523621 310550 |

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| 139 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 9.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 709 | 4 | 523622 310547 |
| 140 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 264.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SE (NW) | 710 | 4 | 523580 311433 |
| 141 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 2.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 716 | 4 | 523621 310538 |
| 142 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 745.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 717 | 4 | 523610 310551 |
| 143 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 182.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 718 | 4 | 523620 310535 |
| 144 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 144.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (N) | 731 | 4 | 524134 311815 |
| 145 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 135.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (NW) | 733 | 4 | 523906 311741 |
| 146 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 234.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (N) | 734 | 4 | 524356 311887 |
| 147 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 212.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (N) | 734 | 4 | 524356 311887 |

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| 148 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 166.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A7SE (S) | 741 | 4 | 524811 310157 |
| 149 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 107.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A6SE (S) | 743 | 4 | 524430 310105 |
| 150 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (E) | 747 | 4 | 525437 310756 |
| 151 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 79.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SW (E) | 751 | 4 | 525441 310758 |
| 152 | **OS Water Network Lines**<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 | A9NE (W) | 753 | 4 | 523434 311052 |
| 153 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 11.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (W) | 753 | 4 | 523434 311052 |
| 154 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 279.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15NW (N) | 755 | 4 | 524728 311945 |
| 155 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 13.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16SW (NE) | 759 | 4 | 525300 311520 |
| 156 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 153.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (W) | 760 | 4 | 523428 311113 |

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| 157 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 186.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16SW (NE) | 761 | 4 | 525296 311533 |
| 158 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 139.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (W) | 763 | 4 | 523437 311206 |
| 159 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 80.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (W) | 763 | 4 | 523437 311206 |
| 160 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 253.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (W) | 764 | 4 | 523423 311053 |
| 161 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 137.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (W) | 774 | 4 | 523445 311286 |
| 162 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 70.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (W) | 774 | 4 | 523445 311286 |
| 163 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 554.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: The Lake<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 774 | 4 | 523526 310580 |
| 164 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 146.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 777 | 4 | 523546 310539 |
| 165 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 195.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 784 | 4 | 523419 310905 |

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| 166 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 140.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 784 | 4 | 523419 310905 |
| 167 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 271.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (N) | 785 | 4 | 524150 311876 |
| 168 | **OS Water Network Lines**<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: Nene<br>Primacy: 2 | A7SW (S) | 788 | 4 | 524558 310054 |
| 169 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 110.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NE (W) | 791 | 4 | 523452 311357 |
| 170 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 101.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A7SW (S) | 794 | 4 | 524557 310048 |
| 171 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 680.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NE (E) | 795 | 4 | 525488 311050 |
| 172 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 175.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A7SW (S) | 796 | 4 | 524725 310071 |
| 173 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 150.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 798 | 4 | 523428 310764 |
| 174 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 157.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 798 | 4 | 523428 310764 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 175 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 240.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15NW (N) | 807 | 4 | 524535 312002 |
| 176 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 33.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15NW (N) | 807 | 4 | 524535 312002 |
| 177 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 208.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SE (E) | 819 | 4 | 525515 310786 |
| 178 | **OS Water Network Lines**<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 | A12SE (E) | 819 | 4 | 525515 310786 |
| 179 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 396.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15NW (N) | 824 | 4 | 524563 312021 |
| 180 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 129.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SE (NW) | 828 | 4 | 523463 311467 |
| 181 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 129.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SE (NW) | 828 | 4 | 523463 311467 |
| 182 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 34.6<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (SE) | 829 | 4 | 525184 310230 |
| 183 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 317.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (SE) | 834 | 4 | 525202 310233 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 184 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 11.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (W) | 840 | 4 | 523435 310614 |
| 185 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 326.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Not Supplied<br>Primacy: 2 | A8SW (SE) | 841 | 4 | 525169 310204 |
| 186 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 230.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SE (NW) | 841 | 4 | 523596 311662 |
| 187 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 65.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NW (S) | 846 | 4 | 524647 310004 |
| 188 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 782.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A15NE (NE) | 846 | 4 | 525120 311877 |
| 189 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 170.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NW (W) | 855 | 4 | 523419 310614 |
| 190 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 102.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16NW (NE) | 862 | 4 | 525132 311886 |
| 191 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (SE) | 863 | 4 | 525199 310199 |
| 192 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 272.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (NW) | 863 | 4 | 523895 311876 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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| 193 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 351.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (NW) | 863 | 4 | 523895 311876 |
| 194 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 216.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (SE) | 865 | 4 | 525262 310243 |
| 195 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 197.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: New River<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 865 | 4 | 523575 310358 |
| 196 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 86.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 865 | 4 | 523575 310358 |
| 197 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 81.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (SE) | 866 | 4 | 525227 310211 |
| 198 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 1.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (SE) | 866 | 4 | 525262 310243 |
| 199 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 58.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NE (N) | 866 | 4 | 524142 311958 |
| 200 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 122.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NE (E) | 868 | 4 | 525552 311101 |
| 201 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 333.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Not Supplied<br>Primacy: 2 | A8SW (SE) | 868 | 4 | 525170 310171 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 202 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 213.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (SE) | 868 | 4 | 525263 310243 |
| 203 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 6.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (SE) | 869 | 4 | 525201 310193 |
| 204 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 294.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8SW (SE) | 875 | 4 | 525203 310188 |
| 205 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 24.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NW (SE) | 876 | 4 | 525457 310457 |
| 206 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 175.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (SE) | 878 | 4 | 525466 310468 |
| 207 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.3<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (N) | 878 | 4 | 524084 311954 |
| 208 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 93.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (N) | 880 | 4 | 524078 311953 |
| 209 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 201.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SE (NW) | 885 | 4 | 523478 311594 |
| 210 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 238.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NW (SE) | 888 | 4 | 525425 310386 |

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| 211 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 68.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NW (SE) | 888 | 4 | 525425 310386 |
| 212 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 9.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NW (S) | 889 | 4 | 524602 309956 |
| 213 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 177.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NW (S) | 889 | 4 | 524602 309956 |
| 214 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 126.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NW (S) | 892 | 4 | 524593 309952 |
| 215 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 224.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13NE (NW) | 894 | 4 | 523602 311740 |
| 216 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 119.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NE (SW) | 894 | 4 | 523501 310400 |
| 217 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 9.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (SE) | 899 | 4 | 525472 310437 |
| 218 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 92.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A14NW (NW) | 899 | 4 | 523985 311943 |
| 219 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 182.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (SE) | 901 | 4 | 525476 310440 |

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| 220 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 87.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (SE) | 907 | 4 | 525477 310430 |
| 221 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 32.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A7SE (SE) | 907 | 4 | 524933 310025 |
| 222 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 218.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (W) | 915 | 4 | 523280 311190 |
| 223 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 114.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (W) | 921 | 4 | 523268 311119 |
| 224 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 205.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9NW (W) | 921 | 4 | 523268 311119 |
| 225 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 145.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (S) | 924 | 4 | 524878 309986 |
| 226 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 54.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (S) | 924 | 4 | 524878 309986 |
| 227 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 5.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (SE) | 928 | 4 | 524924 310000 |
| 228 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 246.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SW (W) | 929 | 4 | 523306 311358 |

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| 229 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (SE) | 932 | 4 | 524929 309996 |
| 230 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 88.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 932 | 4 | 523257 310999 |
| 231 | **OS Water Network Lines**<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 | A9SW (W) | 932 | 4 | 523257 311005 |
| 232 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 191.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 932 | 4 | 523257 310999 |
| 233 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 11.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (SE) | 936 | 4 | 524931 309994 |
| 234 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 2.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (SE) | 936 | 4 | 524931 309994 |
| 235 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 501.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (SE) | 937 | 4 | 525543 310487 |
| 236 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 116.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (SE) | 937 | 4 | 525543 310487 |
| 237 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 24.4<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (SE) | 937 | 4 | 524932 309992 |

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| 238 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 199.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16SE (NE) | 940 | 4 | 525517 311475 |
| 239 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 178.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (SE) | 941 | 4 | 524923 309985 |
| 240 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 408.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16SE (NE) | 941 | 4 | 525477 311570 |
| 241 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 273.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 944 | 4 | 523257 310900 |
| 242 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 705.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16NW (NE) | 949 | 4 | 525229 311921 |
| 243 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 550.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16NW (NE) | 949 | 4 | 525229 311921 |
| 244 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 116.7<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 951 | 4 | 523271 310766 |
| 245 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 3.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 951 | 4 | 523271 310766 |
| 246 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 657.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18SE (N) | 953 | 4 | 524177 312061 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 247 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 502.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A16SE (NE) | 954 | 4 | 525497 311557 |
| 248 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 36.0<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (E) | 954 | 4 | 525610 310602 |
| 249 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 161.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18SE (N) | 956 | 4 | 524187 312067 |
| 250 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 6.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (SE) | 960 | 4 | 524950 309975 |
| 251 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 254.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 960 | 4 | 523254 310809 |
| 252 | **OS Water Network Lines**<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: Nene<br>Primacy: 2 | A3NE (SE) | 965 | 4 | 524954 309971 |
| 253 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 100.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (SE) | 966 | 4 | 524954 309969 |
| 254 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 979.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (E) | 966 | 4 | 525625 310613 |
| 255 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 71.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NE (SE) | 966 | 4 | 524954 309969 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 256 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 220.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18SE (N) | 966 | 4 | 524255 312099 |
| 257 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 348.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A5NW (W) | 967 | 4 | 523322 310556 |
| 258 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 205.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A9SW (W) | 971 | 4 | 523257 310739 |
| 259 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 155.9<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A3NE (SE) | 972 | 4 | 524980 309972 |
| 260 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 20.8<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NW (S) | 979 | 4 | 524504 309863 |
| 261 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 277.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A13SW (NW) | 979 | 4 | 523336 311550 |
| 262 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 7.5<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A3NW (S) | 980 | 4 | 524474 309863 |
| 263 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 10.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (E) | 981 | 4 | 525628 310571 |
| 264 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 643.0<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (E) | 984 | 4 | 525633 310579 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 265 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 71.6<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A3NW (S) | 987 | 4 | 524471 309856 |
| 266 | **OS Water Network Lines**<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 | A12SE (E) | 988 | 4 | 525693 310894 |
| 267 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 994.2<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A8NE (E) | 989 | 4 | 525632 310562 |
| 268 | **OS Water Network Lines**<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 | A18SW (NW) | 989 | 4 | 523978 312036 |
| 269 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 11.1<br>Watercourse Level: Underground<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NW (S) | 991 | 4 | 524776 309882 |
| 270 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 776.4<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12SE (E) | 992 | 4 | 525697 310897 |
| 271 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 438.1<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A12NE (E) | 994 | 4 | 525663 311175 |
| 272 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 341.5<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Welland<br>Primacy: 2 | A18SW (NW) | 994 | 4 | 523978 312041 |
| 273 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 274.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NW (S) | 996 | 4 | 524492 309846 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 274 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 37.3<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NW (S) | 999 | 4 | 524770 309873 |
| 275 | **OS Water Network Lines**<br>Watercourse Form: Inland river<br>Watercourse Length: 30.8<br>Watercourse Level: On ground surface<br>Permanent: True<br>Watercourse Name: Not Supplied<br>Catchment Name: Nene<br>Primacy: 2 | A3NW (S) | 999 | 4 | 524770 309873 |
| | **Water Framework Directive - Catchment**<br>Class Code: River Catchment<br>WaterBody Name: Welland - conf Greatford Cut to tidal<br>WaterBody ID: GB205031050685<br>Operational Catchment: Welland Lower<br>Management Catchment: Welland<br>Catchment Name: Welland | A11SW (NW) | 0 | 2 | 524460 311015 |
| | **Water Framework Directive - Catchment**<br>Class Code: River Catchment<br>WaterBody Name: North Level Main Drain<br>WaterBody ID: GB205032050395<br>Operational Catchment: Nene Lower<br>Management Catchment: Nene<br>Catchment Name: Nene Valley | A7SW (S) | 526 | 2 | 524611 310323 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Local Authority Landfill Coverage**<br>Name: South Holland District Council<br>- Has no landfill data to supply | | 0 | 6 | 524460<br>311015 |
| | **Local Authority Landfill Coverage**<br>Name: Lincolnshire County Council<br>- Had landfill data but passed it to the relevant environment agency | | 0 | 5 | 524460<br>311015 |
| 276 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A11SW<br>(E) | 38 | - | 524731<br>310951 |
| 277 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A11SW<br>(S) | 42 | - | 524516<br>310801 |
| 278 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A11SW<br>(S) | 58 | - | 524513<br>310784 |
| 279 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A11SW<br>(E) | 75 | - | 524763<br>310978 |
| 280 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A11SW<br>(SE) | 96 | - | 524598<br>310744 |
| 281 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A11SE<br>(E) | 135 | - | 524817<br>311004 |
| 282 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A7NW<br>(S) | 205 | - | 524458<br>310647 |
| 283 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1906 | A7NW<br>(S) | 288 | - | 524630<br>310574 |
| 284 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A6NE<br>(SW) | 374 | - | 524226<br>310578 |
| 285 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A6NW<br>(SW) | 694 | - | 523820<br>310374 |
| 286 | **Potentially Infilled Land (Water)**<br>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc)<br>Date of Mapping: 1958 | A2NE<br>(S) | 901 | - | 524322<br>309963 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 287 | **Registered Waste Treatment or Disposal Sites**<br>Licence Holder: G M Riddington<br>Licence Reference: L293b<br>Site Location: Decoy Farm, Postland, Crowland, PETERBOROUGH, Cambridgeshire, PE6 0LX<br>Operator Location: Orchard House, Crowland, PETERBOROUGH, Cambridgeshire, PE6 0LX<br>Authority: Environment Agency - Anglian Region, Northern Area<br>Site Category: Composting<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 14th April 2000<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Good<br>Authorised Waste: Chippings/Sawdust Of Materials As Above<br>Degradable Commercial Waste (As In Post'98 E.A.Lics & Equivalent To 22.09.02) And<br>Degradable Industrial Waste (As In Post'98 E.A.Lics & Equivalent To 22.09.03)- Comprising<br>Ind.Liquids/Sludge From Vegetable Processing & Abattoirs<br>Putresc. Co./Ind. Waste Comprising Fruit/Veg. & Sludge Cake By Prior Approval<br>Soils/Potting Composts & Assoc. Agricultural/Horticultural Wastestreams<br>Straw/Paper/Cardboard<br>Trees/Shrubs/Garden/Horticultural Plant Material<br>Prohibited Waste: Inert Materials (As In Post'98 E.A.Lics And Equivalent To 21.00.00)<br>Maximum Waste Permitted By Licence<br>Metal Waste/Scrap Metal (As In Post'98 E.A.Lics And Equivalent To 23.00.00)<br>Other Waste/Waste Not Otherwise Specified<br>Special Waste (As In Epa 1990:S62 Of 1996 Regs) | A16NW (NE) | 949 | 2 | 525230 311919 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **BGS 1:625,000 Solid Geology**<br>Description: Kellaways Formation And Oxford Clay Formation (Undifferentiated) | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 90 - 120 mg/kg<br>Lead Concentration: <100 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A10NE (NW) | 0 | 1 | 524367 311179 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 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: 30 - 45 mg/kg | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 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 | A11SE (E) | 295 | 1 | 525000 311000 |
| | **BGS Estimated Soil Chemistry**<br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Rural Soil<br>Arsenic Concentration: 15 - 25 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 | A12SE (E) | 772 | 1 | 525472 311000 |
| | **BGS Measured Urban Soil Chemistry**<br>No data available | | | | |
| | **BGS Urban Soil Chemistry Averages**<br>No data available | | | | |
| | **Coal Mining Affected Areas**<br>In an area that might not be affected by coal mining | | | | |
| | **Non Coal Mining Areas of Great Britain**<br>No Hazard | | | | |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **Potential for Collapsible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A10NE (NW) | 0 | 1 | 524367 311179 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A10NE (NW) | 0 | 1 | 524367 311179 |

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|---|---|---|---|---|---|
| | **Potential for Ground Dissolution Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A10NE (NW) | 0 | 1 | 524367 311179 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A10NW (W) | 208 | 1 | 523983 311107 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A10NE (NW) | 0 | 1 | 524413 311075 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (E) | 49 | 1 | 524741 310993 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A11NW (NE) | 91 | 1 | 524671 311269 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A10NW (W) | 208 | 1 | 523983 311107 |
| | **Radon Potential - Radon Affected Areas**<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 | A11SW (NW) | 0 | 1 | 524460 311015 |
| | **Radon Potential - Radon Protection Measures**<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 | A11SW (NW) | 0 | 1 | 524460 311015 |

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|---|---|---|---|---|---|
| 288 | **Contemporary Trade Directory Entries**<br>Name: Wings Bodyshop<br>Location: UNIT 2, WYVALE GARDEN CENTRES LTD, POSTLAND ROAD, CROWLAND, SPALDING, PE6 0JB<br>Classification: Garage Equipment<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A11NW (E) | 75 | - | 524746 311033 |
| 289 | **Contemporary Trade Directory Entries**<br>Name: Racers Hardware Ltd<br>Location: 66, Postland Road, Crowland, Peterborough, PE6 0JB<br>Classification: Car Customisation & Conversion Specialists<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A11SW (SE) | 76 | - | 524687 310819 |
| 290 | **Contemporary Trade Directory Entries**<br>Name: Crowlands Caravans & Camping<br>Location: Postland Road, Crowland, Peterborough, PE6 0JB<br>Classification: Caravans - Servicing & Repairs<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A11SW (S) | 101 | - | 524517 310740 |
| 291 | **Contemporary Trade Directory Entries**<br>Name: Blackbird Engineering<br>Location: 31, Cloot Drove, Crowland, Peterborough, PE6 0JG<br>Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A10SE (SW) | 116 | - | 524325 310868 |
| 292 | **Contemporary Trade Directory Entries**<br>Name: Welland Holiday Hire & Sales Centre Ltd<br>Location: Postland Road, Crowland, Peterborough, PE6 0JB<br>Classification: Caravan Dealers & Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A11SE (E) | 195 | - | 524897 310947 |
| 293 | **Contemporary Trade Directory Entries**<br>Name: Vibrating Equipment Ltd<br>Location: James Road, Crowland, Peterborough, PE6 0AA<br>Classification: Machine Shops<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A7NE (SE) | 261 | - | 524790 310660 |
| 293 | **Contemporary Trade Directory Entries**<br>Name: Jabbasport<br>Location: James Road, Crowland, Peterborough, PE6 0AA<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A7NW (SE) | 269 | - | 524781 310648 |
| 293 | **Contemporary Trade Directory Entries**<br>Name: Jabbasport<br>Location: James Road, Crowland, Peterborough, PE6 0AA<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A7NW (SE) | 271 | - | 524776 310644 |
| 294 | **Contemporary Trade Directory Entries**<br>Name: Temperature Solutions Uk Ltd<br>Location: 22, Foreman Way, Crowland, Peterborough, PE6 0DJ<br>Classification: Air Conditioning & Refrigeration Contractors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A10SW (SW) | 340 | - | 523944 310733 |
| 295 | **Contemporary Trade Directory Entries**<br>Name: Harrison Skip Hire<br>Location: 21, The Chase, Crowland, Peterborough, PE6 0LN<br>Classification: Sand, Gravel & Other Aggregates<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A7NW (S) | 391 | - | 524491 310452 |
| 296 | **Contemporary Trade Directory Entries**<br>Name: Howard Cole Developments<br>Location: Wayside, Postland Road, Crowland, PETERBOROUGH, PE6 0JB<br>Classification: Gate Manufacturers - Automated<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SW (E) | 424 | - | 525129 310904 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 297 | **Contemporary Trade Directory Entries**<br>Name: Roger'S Bodyshop<br>Location: Cluttons Cl,Kemp St, Crowland, Peterborough, Cambridgeshire, PE6 0HD<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A6NW (SW) | 457 | - | 524023 310532 |
| 298 | **Contemporary Trade Directory Entries**<br>Name: A B C Domestics<br>Location: 5, Croyland Way, Crowland, Peterborough, Cambridgeshire, PE6 0NA<br>Classification: Domestic Appliances - Servicing, Repairs & Parts<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A7NW (S) | 479 | - | 524547 310363 |
| 299 | **Contemporary Trade Directory Entries**<br>Name: Crowland Glass Engraving<br>Location: 31, North Street, Crowland, Peterborough, PE6 0EG<br>Classification: Glass Engravers & Decorators<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A6NW (SW) | 650 | - | 523887 310385 |
| 300 | **Contemporary Trade Directory Entries**<br>Name: Crowland Auto Electrical Repairs<br>Location: 14, West Bank, Crowland, Peterborough, PE6 0HP<br>Classification: Garage Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A5NE (SW) | 677 | - | 523718 310481 |
| 301 | **Contemporary Trade Directory Entries**<br>Name: Just For Yew<br>Location: 14, East Street, Crowland, Peterborough, PE6 0EN<br>Classification: Furniture - Reproduction<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 704 | - | 523979 310285 |
| 301 | **Contemporary Trade Directory Entries**<br>Name: Bridge Hardware<br>Location: 1, East Street, Crowland, Peterborough, PE6 0EN<br>Classification: Hardware<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 746 | - | 523971 310243 |
| 302 | **Contemporary Trade Directory Entries**<br>Name: Crowland Caravan & Camping<br>Location: 6, North Street, Crowland, Peterborough, PE6 0EF<br>Classification: Caravans - Servicing & Repairs<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 743 | - | 523903 310273 |
| 302 | **Contemporary Trade Directory Entries**<br>Name: Broadway Garage<br>Location: 8b, North Street, Crowland, Peterborough, PE6 0EF<br>Classification: Garage Services<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 755 | - | 523871 310275 |
| 302 | **Contemporary Trade Directory Entries**<br>Name: Crowland<br>Location: 1-3, West Street, Crowland, Peterborough, PE6 0EE<br>Classification: Car Body Repairs<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 784 | - | 523880 310238 |
| 302 | **Contemporary Trade Directory Entries**<br>Name: The Co-Operative Food<br>Location: 8-10, West Street, Crowland, Peterborough, PE6 0ED<br>Classification: Distribution Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 802 | - | 523908 310207 |
| 303 | **Contemporary Trade Directory Entries**<br>Name: Orchard House Media Ltd<br>Location: 9a, South Street, Crowland, Peterborough, PE6 0AH<br>Classification: Printers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 803 | - | 523974 310182 |
| 303 | **Contemporary Trade Directory Entries**<br>Name: Classic Print<br>Location: 9, South Street, Crowland, Peterborough, PE6 0AH<br>Classification: Printers<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 803 | - | 523969 310184 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 303 | **Contemporary Trade Directory Entries**<br>Name: Tandem Group Plc<br>Location: 9a, South Street, Crowland, Peterborough, PE6 0AH<br>Classification: Sports Equipment Manufacturers & Distributors<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 803 | - | 523974 310182 |
| 304 | **Contemporary Trade Directory Entries**<br>Name: Diximinerals<br>Location: 1, Thorney Road, Crowland, PETERBOROUGH, PE6 0AL<br>Classification: Distribution Services<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A6SE (S) | 858 | - | 524147 310070 |
| 305 | **Contemporary Trade Directory Entries**<br>Name: The Blindsmith<br>Location: West St, Crowland, Peterborough, Cambridgeshire, PE6 0ED<br>Classification: Blinds, Awnings & Canopies<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A5SE (SW) | 881 | - | 523762 310190 |
| 306 | **Contemporary Trade Directory Entries**<br>Name: Faipari<br>Location: 58, West Street, Crowland, Peterborough, PE6 0ED<br>Classification: Office Furniture & Equipment<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A5SE (SW) | 912 | - | 523737 310168 |
| 306 | **Contemporary Trade Directory Entries**<br>Name: G W Engineering Lincs Ltd<br>Location: 70, West Street, Crowland, Peterborough, PE6 0ED<br>Classification: Engineers - General<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A5SE (SW) | 915 | - | 523677 310204 |
| 306 | **Contemporary Trade Directory Entries**<br>Name: Peter C Tack Transport<br>Location: 66, West Street, Crowland, PETERBOROUGH, PE6 0ED<br>Classification: Road Haulage Services<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A5SE (SW) | 918 | - | 523695 310189 |
| 307 | **Contemporary Trade Directory Entries**<br>Name: Master Strip<br>Location: 26, Albion Street, Crowland, Peterborough, PE6 0EB<br>Classification: Paint & Varnish Stripping<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A6SW (SW) | 913 | - | 523907 310089 |
| 308 | **Contemporary Trade Directory Entries**<br>Name: S & P Fabrications (Frames)<br>Location: Unit 3,Horseshoe Yard,Broadway, Crowland, Peterborough, Cambridgeshire, PE6 0BJ<br>Classification: Motor Cycle & Component Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A5SE (SW) | 975 | - | 523748 310090 |
| 308 | **Contemporary Trade Directory Entries**<br>Name: Dormermere Ltd<br>Location: Unit 2-3, Horseshoe Yard, Broadway, Crowland, Peterborough, PE6 0BJ<br>Classification: Catering Equipment - Servicing & Repairs<br>**Status: Active**<br>Positional Accuracy: Automatically positioned to the address | A5SE (SW) | 978 | - | 523741 310091 |
| 308 | **Contemporary Trade Directory Entries**<br>Name: S & P Fabrications<br>Location: Unit 2-3, Horseshoe Yard, Broadway, Crowland, Peterborough, PE6 0BJ<br>Classification: Classic Car Specialists<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A5SE (SW) | 978 | - | 523741 310091 |
| 308 | **Contemporary Trade Directory Entries**<br>Name: Britim<br>Location: Unit 1, Horseshoe Yard, Broadway, Crowland, Peterborough, PE6 0BJ<br>Classification: Office Furniture & Equipment<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A5SE (SW) | 980 | - | 523736 310091 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 308 | **Contemporary Trade Directory Entries**<br>Name: Century Cables & Controls Ltd<br>Location: Unit 7, Horseshoe Yard, Broadway, Crowland, Peterborough, PE6 0BJ<br>Classification: Cable & Wire Equipment Manufacturers<br>**Status: Inactive**<br>Positional Accuracy: Automatically positioned to the address | A5SE (SW) | 1000 | - | 523748 310062 |
| 309 | **Points of Interest - Commercial Services**<br>Name: Racers Hardware Ltd<br>Location: 66 Postland Road, Crowland, Peterborough, PE6 0JB<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A11SW (SE) | 76 | 7 | 524687 310819 |
| 310 | **Points of Interest - Commercial Services**<br>Name: Jabbasport<br>Location: James Road, Crowland, Peterborough, PE6 0AA<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A7NW (SE) | 269 | 7 | 524781 310648 |
| 310 | **Points of Interest - Commercial Services**<br>Name: Jabbasport<br>Location: Jabbasport Vehicle Workshop, James Road, Crowland, Spalding, PE6 0AA<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A7NW (SE) | 272 | 7 | 524775 310643 |
| 311 | **Points of Interest - Commercial Services**<br>Name: Roger's Bodyshop<br>Location: 1 Cluttons Close, Crowland, Peterborough, PE6 0HD<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A6NW (SW) | 425 | 7 | 524041 310559 |
| 312 | **Points of Interest - Commercial Services**<br>Name: Uppingham Valeting Centre<br>Location: 14 Kemp Street, Crowland, Peterborough, PE6 0HE<br>Category: Personal, Consumer and other Services<br>Class Code: Vehicle Cleaning Services<br>Positional Accuracy: Positioned to address or location | A6NW (SW) | 444 | 7 | 523948 310590 |
| 313 | **Points of Interest - Commercial Services**<br>Name: Crowland Auto Electrical Repairs<br>Location: 14 West Bank, Crowland, Peterborough, PE6 0HP<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A5NE (SW) | 677 | 7 | 523718 310481 |
| 313 | **Points of Interest - Commercial Services**<br>Name: Crowland Auto Electrical Repairs<br>Location: 14 West Bank, Crowland, Peterborough, PE6 0HP<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A5NE (SW) | 677 | 7 | 523718 310481 |
| 314 | **Points of Interest - Commercial Services**<br>Name: Broadway Garage<br>Location: 8b North Street, Crowland, Peterborough, PE6 0EF<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A6SW (SW) | 754 | 7 | 523872 310275 |
| 314 | **Points of Interest - Commercial Services**<br>Name: Broadway Garage<br>Location: 8b North Street, Crowland, Spalding, PE6 0EF<br>Category: Repair and Servicing<br>Class Code: Vehicle Repair, Testing and Servicing<br>Positional Accuracy: Positioned to address or location | A6SW (SW) | 755 | 7 | 523873 310274 |
| 314 | **Points of Interest - Commercial Services**<br>Name: Lincolnshire Co-Operative<br>Location: 8 West Street, Crowland, Peterborough, PE6 0ED<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A6SW (SW) | 802 | 7 | 523909 310207 |
| 314 | **Points of Interest - Commercial Services**<br>Name: Co-Op<br>Location: 8 West Street, Crowland, Peterborough, PE6 0ED<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A6SW (SW) | 802 | 7 | 523909 310207 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 315 | **Points of Interest - Commercial Services**<br>Name: Diximinerals<br>Location: 1 Thorney Road, Crowland, Peterborough, PE6 0AL<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A6SE (S) | 859 | 7 | 524147 310070 |
| 316 | **Points of Interest - Commercial Services**<br>Name: Peter C Tack Transport<br>Location: 66 West Street, Crowland, Peterborough, PE6 0ED<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A5SE (SW) | 915 | 7 | 523696 310191 |
| 316 | **Points of Interest - Commercial Services**<br>Name: Peter C Tack<br>Location: 66 West Street, Crowland, Peterborough, PE6 0ED<br>Category: Transport, Storage and Delivery<br>Class Code: Distribution and Haulage<br>Positional Accuracy: Positioned to address or location | A5SE (SW) | 918 | 7 | 523695 310189 |
| 317 | **Points of Interest - Manufacturing and Production**<br>Name: Beeken Bros<br>Location: 1 Cluttons Close, Kemp Street, Crowland, Peterborough, PE6 0HD<br>Category: Farming<br>Class Code: Livestock Farming<br>Positional Accuracy: Positioned to address or location | A6NW (SW) | 425 | 7 | 524041 310559 |
| 317 | **Points of Interest - Manufacturing and Production**<br>Name: Beeken Bros<br>Location: 1 Cluttons Close, Crowland, Spalding, PE6 0HD<br>Category: Farming<br>Class Code: Arable Farming<br>Positional Accuracy: Positioned to address or location | A6NW (SW) | 475 | 7 | 523991 310528 |
| 318 | **Points of Interest - Manufacturing and Production**<br>Name: S G Tansley & Son<br>Location: Yellow Stocking Hall, The Chase, Crowland, Peterborough, PE6 0DD<br>Category: Farming<br>Class Code: Arable Farming<br>Positional Accuracy: Positioned to address or location | A7NW (SE) | 459 | 7 | 524713 310422 |
| 319 | **Points of Interest - Manufacturing and Production**<br>Name: Works<br>Location: PE6<br>Category: Industrial Features<br>Class Code: Unspecified Works Or Factories<br>Positional Accuracy: Positioned to an adjacent address or location | A6NW (SW) | 575 | 7 | 523992 310418 |
| 319 | **Points of Interest - Manufacturing and Production**<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 | A6NW (SW) | 578 | 7 | 523984 310418 |
| 320 | **Points of Interest - Manufacturing and Production**<br>Name: Tank<br>Location: PE6<br>Category: Industrial Features<br>Class Code: Tanks (Generic)<br>Positional Accuracy: Positioned to an adjacent address or location | A6NE (SW) | 576 | 7 | 524109 310384 |
| 321 | **Points of Interest - Public Infrastructure**<br>Name: Crowland Police Station<br>Location: Police Station, Hall Street, Crowland, Spalding, PE6 0EW<br>Category: Central and Local Government<br>Class Code: Police Stations<br>Positional Accuracy: Positioned to address or location | A6SW (SW) | 642 | 7 | 524043 310330 |
| 322 | **Points of Interest - Public Infrastructure**<br>Name: Sluice<br>Location: PE6<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location | A5SE (SW) | 933 | 7 | 523568 310270 |
| 322 | **Points of Interest - Public Infrastructure**<br>Name: Sluice<br>Location: PE6<br>Category: Water<br>Class Code: Weirs, Sluices and Dams<br>Positional Accuracy: Positioned to an adjacent address or location | A5SE (SW) | 941 | 7 | 523559 310267 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 323 | **Points of Interest - Recreational and Environmental**<br>Name: Play Area<br>Location: Normanton Road, PE6<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A10SE (SW) | 108 | 7 | 524289 310865 |
| 324 | **Points of Interest - Recreational and Environmental**<br>Name: Play Area<br>Location: PE6<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A10SE (SW) | 245 | 7 | 524284 310720 |
| 325 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Foreman Way, PE6<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to address or location | A10SW (SW) | 363 | 7 | 523938 310706 |
| 326 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A6SE (S) | 685 | 7 | 524400 310168 |
| 326 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: St Pega Close, PE6<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A6SE (S) | 685 | 7 | 524400 310168 |
| 327 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Not Supplied<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A6SE (S) | 840 | 7 | 524195 310069 |
| 327 | **Points of Interest - Recreational and Environmental**<br>Name: Playground<br>Location: Thorney Road, PE6<br>Category: Recreational<br>Class Code: Playgrounds<br>Positional Accuracy: Positioned to an adjacent address or location | A6SE (S) | 840 | 7 | 524196 310068 |

| Map ID | Details | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 328 | **Nitrate Vulnerable Zones**<br>Name: River Welland Nvz<br>Description: Surface Water<br>Source: Environment Agency, Head Office | A11SW (NW) | 0 | 3 | 524460 311015 |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Contaminated Land Register Entries and Notices** | | |
| South Kesteven District Council - Environmental Health | April 2015 | Annual Rolling Update |
| Environment Agency - Head Office | November 2023 | Annually |
| Peterborough City Council - Environmental Health Department | October 2017 | Annual Rolling Update |
| South Holland District Council - Environmental Services | September 2017 | Annual Rolling Update |
| **Discharge Consents** | | |
| Environment Agency - Anglian Region | July 2024 | Quarterly |
| **Enforcement and Prohibition Notices** | | |
| Environment Agency - Anglian Region | March 2013 | |
| **Integrated Pollution Controls** | | |
| Environment Agency - Anglian Region | January 2009 | |
| **Integrated Pollution Prevention And Control** | | |
| Environment Agency - Anglian Region | July 2024 | Quarterly |
| **Local Authority Integrated Pollution Prevention And Control** | | |
| South Kesteven District Council - Environmental Health | April 2014 | Variable |
| Peterborough City Council - Environmental Health Department | March 2015 | Variable |
| South Holland District Council - Environmental Services | October 2014 | Variable |
| **Local Authority Pollution Prevention and Controls** | | |
| South Kesteven District Council - Environmental Health | December 2020 | Annual Rolling Update |
| Peterborough City Council - Environmental Health Department | March 2015 | Not Applicable |
| South Holland District Council - Environmental Services | October 2014 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Control Enforcements** | | |
| South Kesteven District Council - Environmental Health | April 2014 | Variable |
| Peterborough City Council - Environmental Health Department | March 2015 | Variable |
| South Holland District Council - Environmental Services | October 2014 | Variable |
| **Nearest Surface Water Feature** | | |
| Ordnance Survey | September 2024 | |
| **Pollution Incidents to Controlled Waters** | | |
| Environment Agency - Anglian Region | September 1999 | |
| **Historical Prosecutions** | | |
| Environment Agency, Anglian Region | March 2013 | Not Applicable |
| **Registered Radioactive Substances** | | |
| Environment Agency - Anglian Region | May 2023 | |
| Environment Agency - Head Office | May 2023 | |
| **Substantiated Pollution Incident Register** | | |
| Environment Agency - Anglian Region - Northern Area | October 2024 | Quarterly |
| **Water Abstractions** | | |
| Environment Agency - Anglian Region | October 2024 | Quarterly |
| **Water Industry Act Referrals** | | |
| Environment Agency - Anglian Region | October 2017 | |
| **Groundwater Vulnerability Map** | | |
| Environment Agency - Head Office | June 2018 | As notified |
| **Bedrock Aquifer Designations** | | |
| Environment Agency - Head Office | January 2018 | As notified |
| **Superficial Aquifer Designations** | | |
| Environment Agency - Head Office | January 2018 | As notified |
| **Source Protection Zones** | | |
| Environment Agency - Head Office | September 2022 | Bi-Annually |
| **Extreme Flooding from Rivers or Sea without Defences** | | |
| Environment Agency - Head Office | December 2023 | As notified |
| **Flooding from Rivers or Sea without Defences** | | |
| Environment Agency - Head Office | December 2023 | As notified |

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Areas Benefiting from Flood Defences**<br>Environment Agency - Head Office | February 2023 | |
| **Flood Water Storage Areas**<br>Environment Agency - Head Office | January 2024 | Quarterly |
| **Flood Defences**<br>Environment Agency - Head Office | August 2022 | |
| **OS Water Network Lines**<br>Ordnance Survey | October 2024 | Quarterly |
| **Surface Water 1 in 30 year Flood Extent**<br>Environment Agency - Head Office | May 2018 | Annually |
| **Surface Water 1 in 100 year Flood Extent**<br>Environment Agency - Head Office | May 2018 | Annually |
| **Surface Water 1 in 1000 year Flood Extent**<br>Environment Agency - Head Office | May 2018 | Annually |
| **Surface Water Suitability**<br>Environment Agency - Head Office | February 2016 | Annually |
| **BGS Groundwater Flooding Susceptibility**<br>British Geological Survey - National Geoscience Information Service | May 2013 | As notified |
| **Water Framework Directive - Catchment**<br>Environment Agency - Head Office | July 2023 | Annually |
| **Water Framework Directive - Groundwater**<br>Environment Agency - Head Office | July 2024 | Annually |

| Waste | Version | Update Cycle |
|---|---|---|
| **BGS Recorded Landfill Sites** | | |
| British Geological Survey - National Geoscience Information Service | November 2002 | As notified |
| **Historical Landfill Sites** | | |
| Environment Agency - Head Office | August 2024 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - Anglian Region | January 2009 | Not Applicable |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency - Anglian Region - Northern Area | August 2024 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Environment Agency - Anglian Region - Northern Area | July 2024 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| Lincolnshire County Council | February 2003 | Not Applicable |
| Peterborough City Council | February 2003 | Not Applicable |
| South Holland District Council - Environmental Services | February 2003 | Not Applicable |
| South Kesteven District Council - Environmental Health | February 2003 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| Lincolnshire County Council | October 2018 | |
| Peterborough City Council | October 2018 | |
| South Holland District Council - Environmental Services | October 2018 | |
| South Kesteven District Council - Environmental Health | October 2018 | |
| **Potentially Infilled Land (Non-Water)** | | |
| Landmark Information Group Limited | December 1999 | |
| **Potentially Infilled Land (Water)** | | |
| Landmark Information Group Limited | December 1999 | |
| **Registered Landfill Sites** | | |
| Environment Agency - Anglian Region - Northern Area | March 2006 | Not Applicable |
| **Registered Waste Transfer Sites** | | |
| Environment Agency - Anglian Region - Northern Area | April 2018 | |
| **Registered Waste Treatment or Disposal Sites** | | |
| Environment Agency - Anglian Region - Northern Area | June 2015 | |
| **Hazardous Substances** | **Version** | **Update Cycle** |
| **Control of Major Accident Hazards Sites (COMAH)** | | |
| Health and Safety Executive | September 2024 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | March 2017 | |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | August 2001 | |
| **Planning Hazardous Substance Enforcements** | | |
| South Kesteven District Council | August 2023 | Variable |
| South Holland District Council | February 2023 | Variable |
| Lincolnshire County Council - Highways and Planning Department | January 2023 | Variable |
| Peterborough City Council | May 2023 | Variable |
| **Planning Hazardous Substance Consents** | | |
| Lincolnshire County Council - Highways and Planning Department | August 2007 | Variable |
| Peterborough City Council | February 2016 | Variable |
| South Kesteven District Council | February 2016 | Variable |
| South Holland District Council | January 2016 | Variable |

| Geological | Version | Update Cycle |
|---|---|---|
| **BGS 1:625,000 Solid Geology**<br>British Geological Survey - National Geoscience Information Service | January 2009 | As notified |
| **BGS Estimated Soil Chemistry**<br>British Geological Survey - National Geoscience Information Service | December 2015 | As notified |
| **BGS Recorded Mineral Sites**<br>British Geological Survey - National Geoscience Information Service | March 2024 | Bi-Annually |
| **CBSCB Compensation District**<br>Cheshire Brine Subsidence Compensation Board (CBSCB)<br>Cheshire Brine Subsidence Compensation Board (CBSCB) | August 2011<br>November 2020 | As notified |
| **Coal Mining Affected Areas**<br>The Coal Authority - Property Searches | February 2023 | Annual Rolling Update |
| **Mining Instability**<br>Ove Arup & Partners | June 1998 | Not Applicable |
| **Non Coal Mining Areas of Great Britain**<br>British Geological Survey - National Geoscience Information Service | May 2015 | Not Applicable |
| **Potential for Collapsible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | April 2020 | As notified |
| **Potential for Compressible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Ground Dissolution Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Landslide Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Running Sand Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2019 | As notified |
| **Radon Potential - Radon Affected Areas**<br>British Geological Survey - National Geoscience Information Service | October 2023 | Annually |
| **Radon Potential - Radon Protection Measures**<br>British Geological Survey - National Geoscience Information Service | October 2023 | Annually |
| **Industrial Land Use** | **Version** | **Update Cycle** |
| **Contemporary Trade Directory Entries**<br>Thomson Directories | September 2024 | Quarterly |
| **Fuel Station Entries**<br>Catalist Ltd - Experian | February 2024 | Quarterly |
| **Points of Interest - Commercial Services**<br>PointX | September 2024 | Quarterly |
| **Points of Interest - Education and Health**<br>PointX | September 2024 | Quarterly |
| **Points of Interest - Manufacturing and Production**<br>PointX | September 2024 | Quarterly |
| **Points of Interest - Public Infrastructure**<br>PointX | September 2024 | Quarterly |
| **Points of Interest - Recreational and Environmental**<br>PointX | September 2024 | Quarterly |
| **Underground Electrical Cables**<br>National Grid | January 2024 | |

| Sensitive Land Use | Version | Update Cycle |
|---|---|---|
| **Ancient Woodland** | | |
| Natural England | April 2024 | Bi-Annually |
| **Areas of Adopted Green Belt** | | |
| Peterborough City Council | July 2024 | Quarterly |
| South Holland District Council | July 2024 | Quarterly |
| South Kesteven District Council | July 2024 | Quarterly |
| **Areas of Unadopted Green Belt** | | |
| Peterborough City Council | July 2024 | Quarterly |
| South Holland District Council | July 2024 | Quarterly |
| South Kesteven District Council | July 2024 | Quarterly |
| **Areas of Outstanding Natural Beauty** | | |
| Natural England | May 2024 | Bi-Annually |
| **Environmentally Sensitive Areas** | | |
| Natural England | August 2023 | |
| **Forest Parks** | | |
| Forestry Commission | May 2023 | Not Applicable |
| **Local Nature Reserves** | | |
| Natural England | August 2024 | Bi-Annually |
| **Marine Nature Reserves** | | |
| Natural England | August 2024 | Bi-Annually |
| **National Nature Reserves** | | |
| Natural England | August 2024 | Bi-Annually |
| **National Parks** | | |
| Natural England | September 2024 | Bi-Annually |
| **Nitrate Sensitive Areas** | | |
| Natural England | April 2023 | Not Applicable |
| **Nitrate Vulnerable Zones** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | April 2016 | |
| Environment Agency - Head Office | April 2024 | Bi-Annually |
| **Ramsar Sites** | | |
| Natural England | August 2024 | Bi-Annually |
| **Sites of Special Scientific Interest** | | |
| Natural England | April 2024 | Bi-Annually |
| **Special Areas of Conservation** | | |
| Natural England | October 2024 | Bi-Annually |
| **Special Protection Areas** | | |
| Natural England | April 2024 | Bi-Annually |

# Data Suppliers

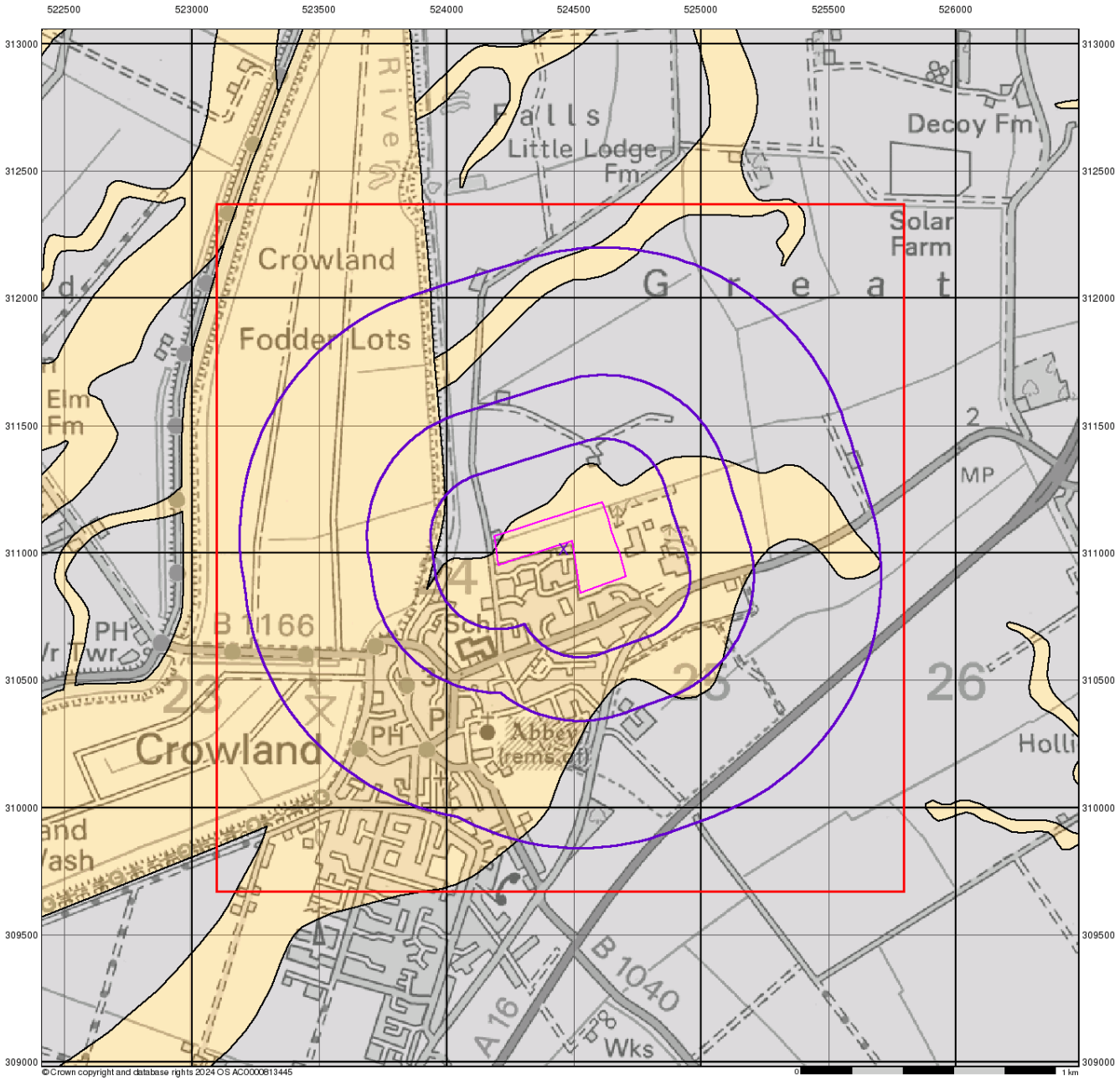
A selection of organisations who provide data within this report

| Data Supplier | Data Supplier Logo |
|---|---|
| **Ordnance Survey** | |
| **Environment Agency** | |
| **Scottish Environment Protection Agency** | |
| **The Coal Authority** | |
| **British Geological Survey** | |
| **Centre for Ecology and Hydrology** | |
| **Natural Resources Wales** | |
| **Scottish Natural Heritage** | |
| **Natural England** | |
| **Public Health England** | |
| **Ove Arup** | |
| **Stantec UK Ltd** | |

# Useful Contacts

| Contact | Name and Address | Contact Details |
|---|---|---|
| 1 | **British Geological Survey - Enquiry Service**<br>British Geological Survey, Environmental Science Centre, Keyworth, 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 | **Environment Agency - National Customer Contact Centre (NCCC)**<br>PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk |
| 3 | **Environment Agency - Head Office**<br>Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD | Telephone: 01454 624400<br>Fax: 01454 624409 |
| 4 | **Ordnance Survey**<br>Adanac Drive, Southampton, Hampshire, SO16 0AS | Telephone: 03456 05 05 05<br>Email: customerservices@ordnancesurvey.co.uk<br>Website: www.ordnancesurvey.co.uk |
| 5 | **Lincolnshire County Council**<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 | **South Holland District Council - Environmental Services**<br>Council Offices, Priory Road, Spalding, Lincolnshire, PE11 2XE | Website: www.sholland.gov.uk |
| 7 | **PointX**<br>5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY | Website: www.pointx.co.uk |
| - | **Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards**<br>Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org |
| - | **Landmark Information Group Limited**<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.




# Groundwater Vulnerability

## General

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

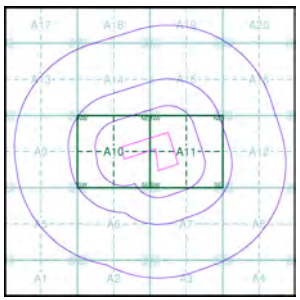
## Agency and Hydrological

| Bedrock Aquifers | Superficial Aquifers |
|---|---|
| High Vulnerability, Principal Aquifer | High Vulnerability, Principal Aquifer |
| High Vulnerability, Secondary Aquifer | High Vulnerability, Secondary Aquifer |
| Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Principal Aquifer |
| Medium Vulnerability, Secondary Aquifer | Medium Vulnerability, Secondary Aquifer |
| Low Vulnerability, Principal Aquifer | Low Vulnerability, Principal Aquifer |
| Low Vulnerability, Secondary Aquifer | Low Vulnerability, Secondary Aquifer |

Unproductive Aquifer

Soluble Rock

## Site Sensitivity Context Map - Slice A




## Order Details

| | |
|---|---|
| Order Number: | 363276827_1_1 |
| Customer Ref: | BRD4519 |
| National Grid Reference: | 524460, 311010 |
| Slice: | A |
| Site Area (Ha): | 8.64 |
| Search Buffer (m): | 1000 |

## Site Details

Land off Cloot Drove, Crowland, PETERBOROUGH, PE6 0JJ

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




# Bedrock Aquifer Designation

## General

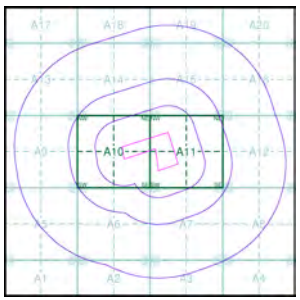
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

## Agency and Hydrological

**Geological Classes**

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

## Site Sensitivity Context Map - Slice A

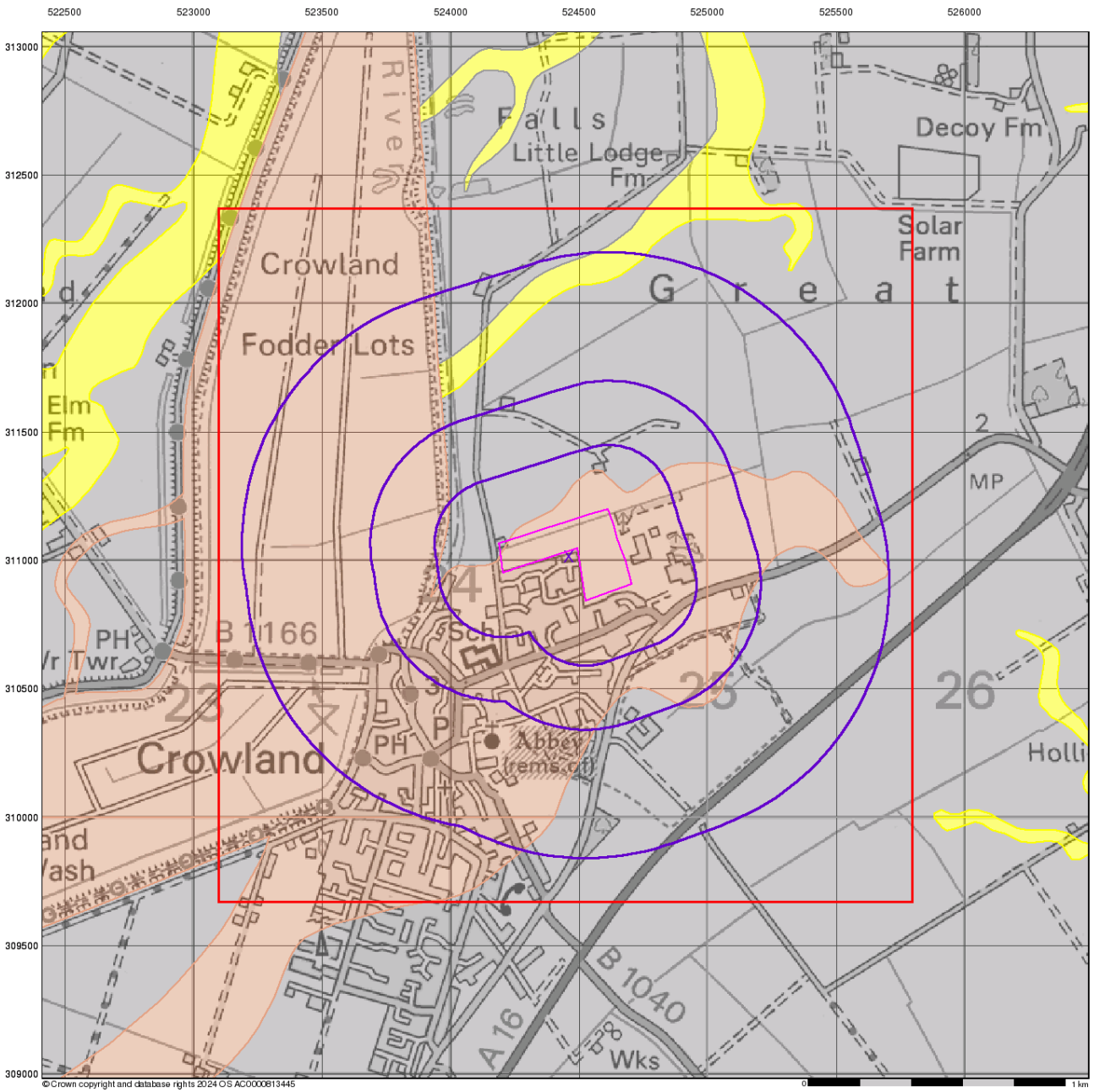



## Order Details

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| Customer Ref: | BRD4519 |
| National Grid Reference: | 524460, 311010 |
| Slice: | A |
| Site Area (Ha): | 8.64 |
| Search Buffer (m): | 1000 |

## Site Details

Land off Cloot Drove, Crowland, PETERBOROUGH, PE6 0JJ




# Superficial Aquifer Designation

## General

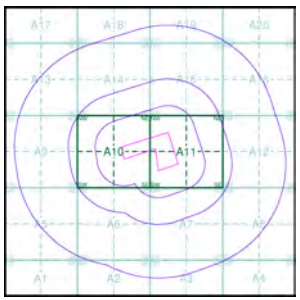
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

## 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

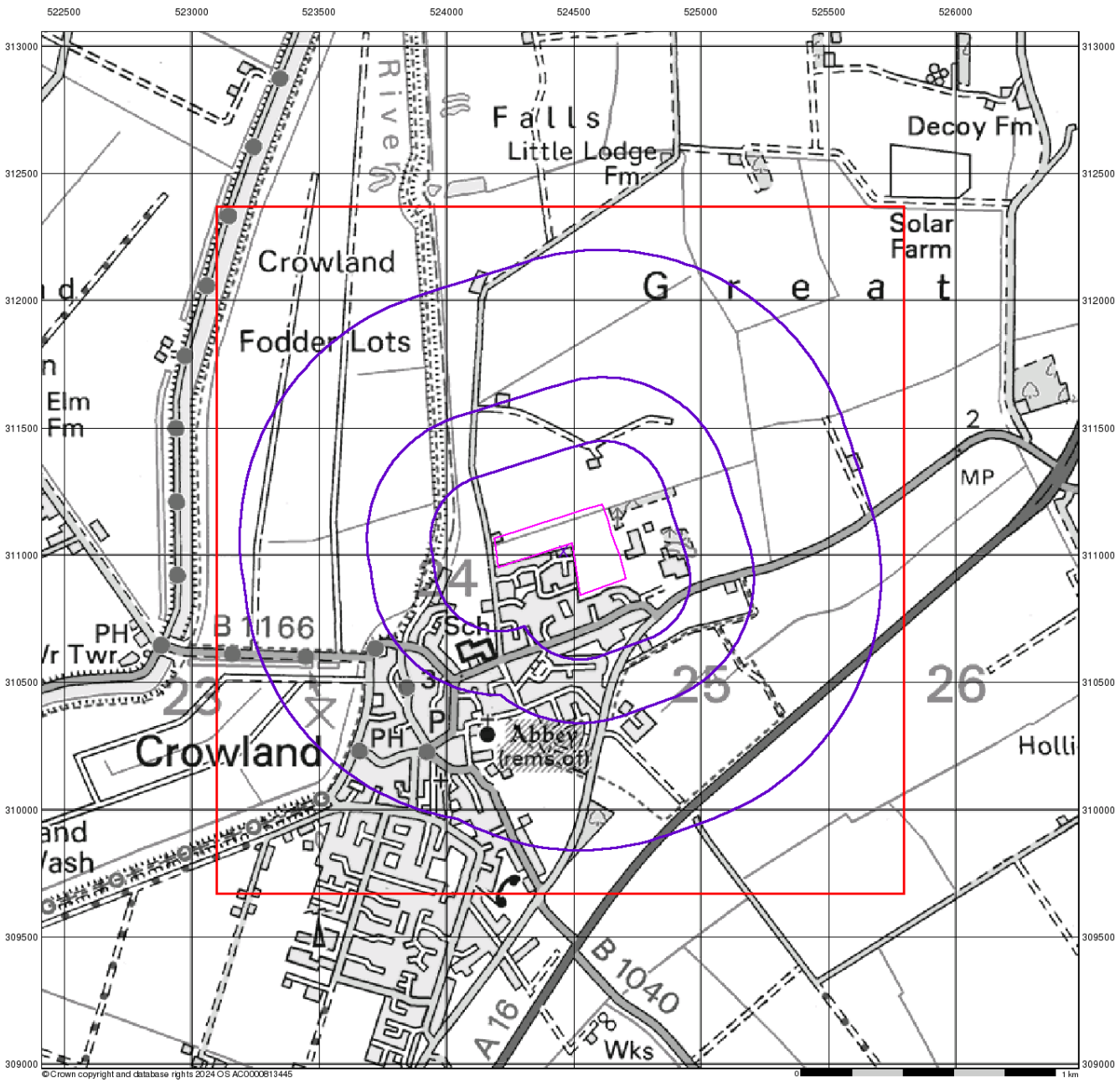



## Order Details

| | |
|---|---|
| Order Number: | 363276827_1_1 |
| Customer Ref: | BRD4519 |
| National Grid Reference: | 524460, 311010 |
| Slice: | A |
| Site Area (Ha): | 8.64 |
| Search Buffer (m): | 1000 |

## Site Details

Land off Cloot Drove, Crowland, PETERBOROUGH, PE6 0JJ




BRD

## Source Protection Zones

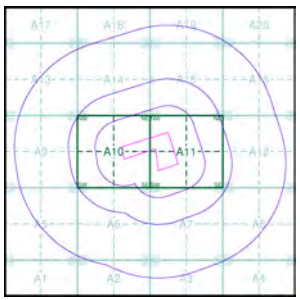
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



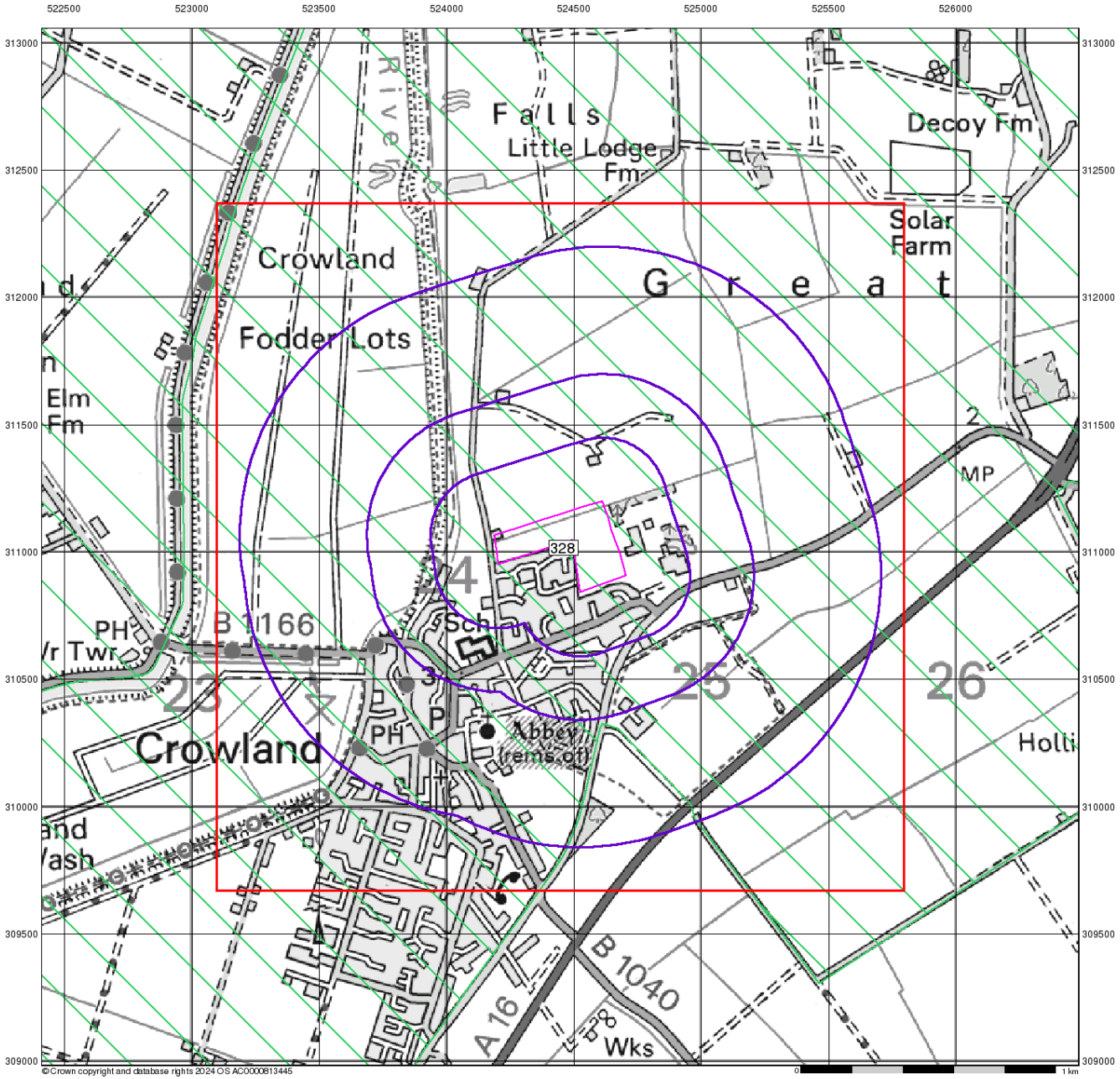

### Order Details

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### Site Details

Land off Cloot Drove, Crowland, PETERBOROUGH, PE6 0JJ

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




## Sensitive Land Uses

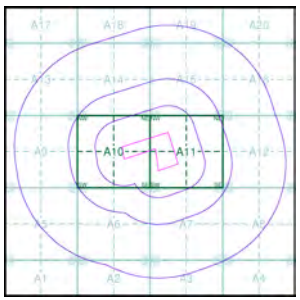
### General

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



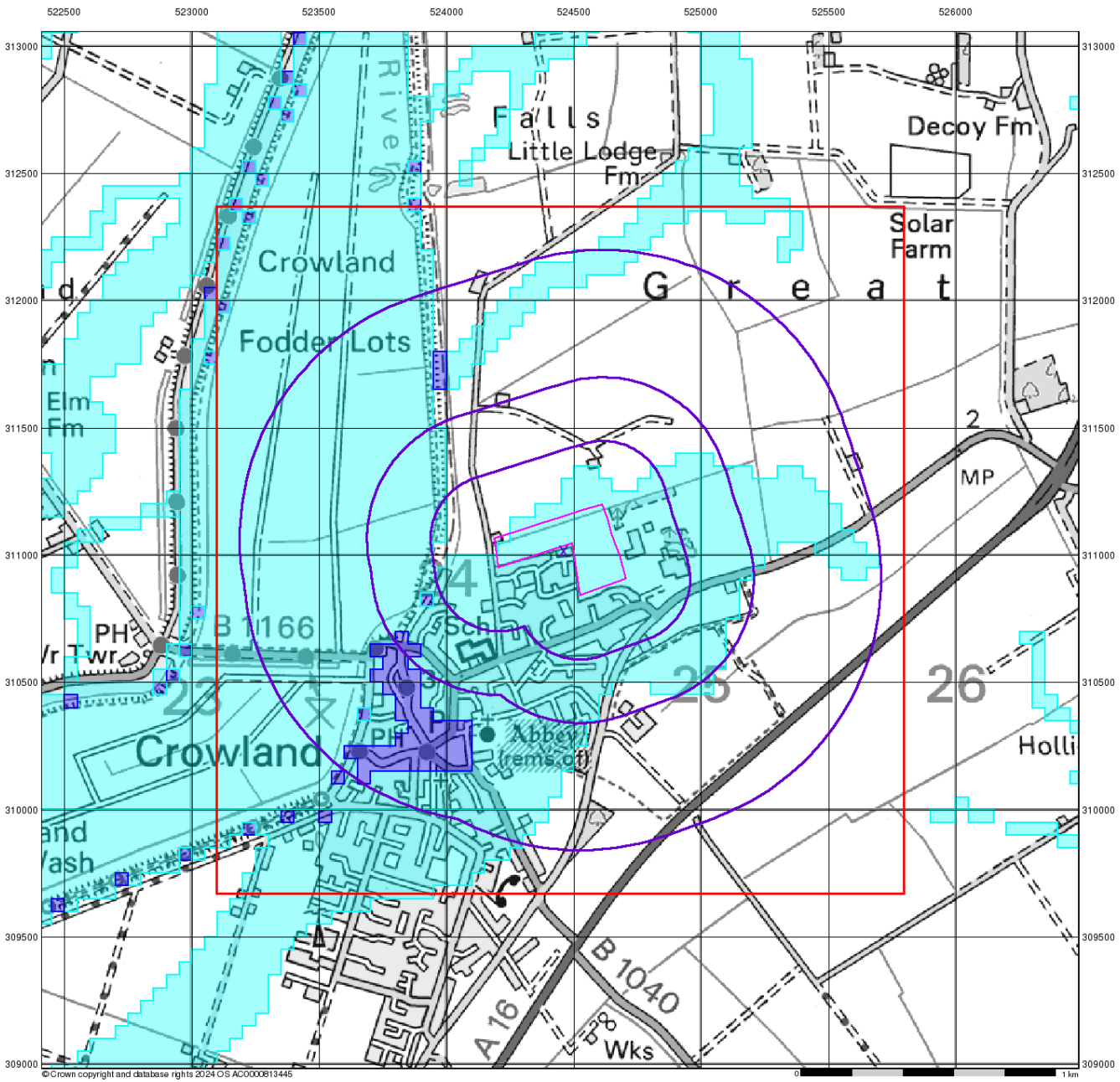

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### Site Details

Land off Cloot Drove, Crowland, PETERBOROUGH, PE6 0JJ

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




## BGS Flood GFS Data

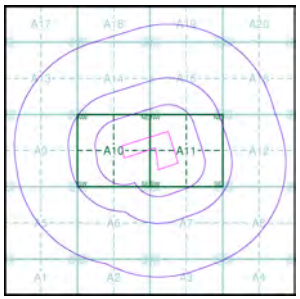
### General

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



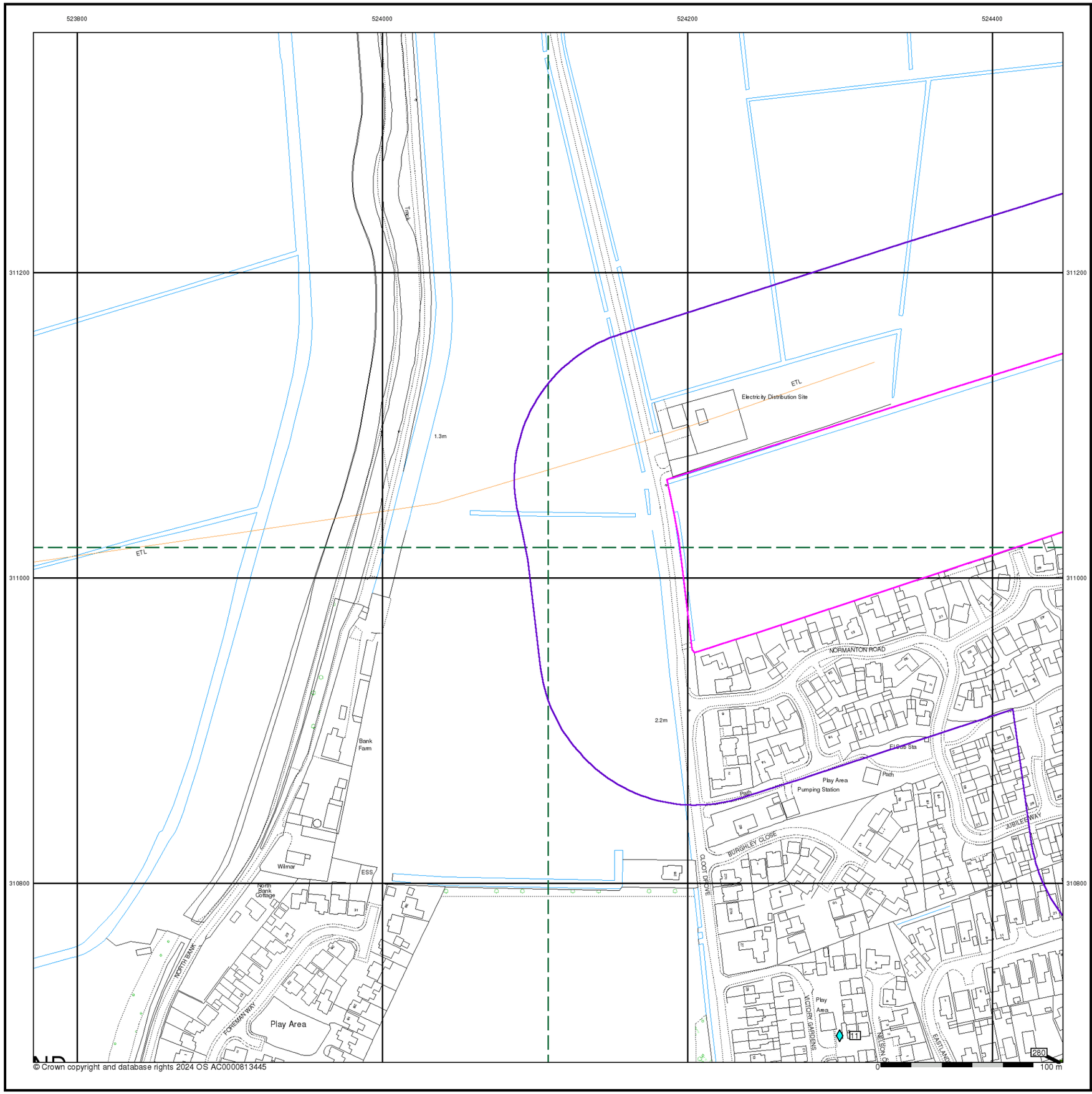

## Order Details

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BRD

## General

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

## Agency and Hydrological

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

## Hazardous Substances

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

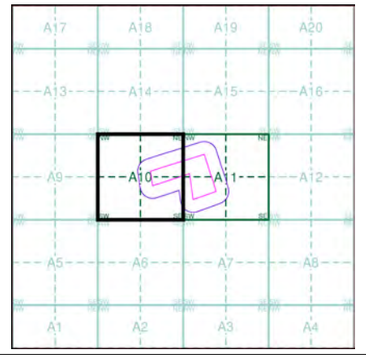
## Geological

- BGS Recorded Mineral Site

## Waste

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

## Site Sensitivity Map - Segment A10



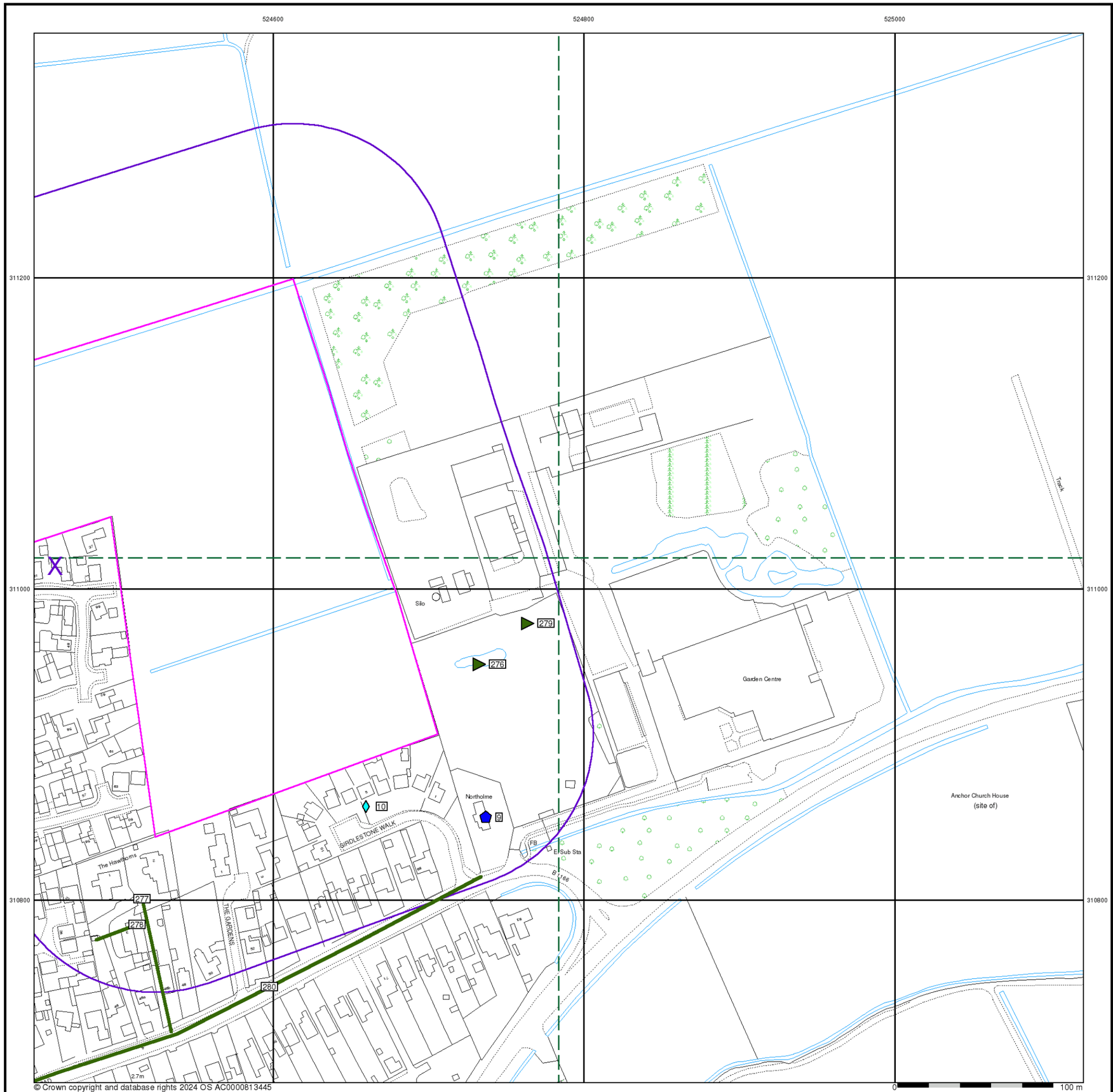

## Order Details

| | |
|---|---|
| Order Number: | 363276827_1_1 |
| Customer Ref: | BRD4519 |
| National Grid Reference: | 524460, 311010 |
| Slice: | A |
| Site Area (Ha): | 8.64 |
| Plot Buffer (m): | 100 |

## Site Details

Land off Cloot Drove, Crowland, PETERBOROUGH, PE6 0JJ

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




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BRD

## General

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

## Agency and Hydrological

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

## Hazardous Substances

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

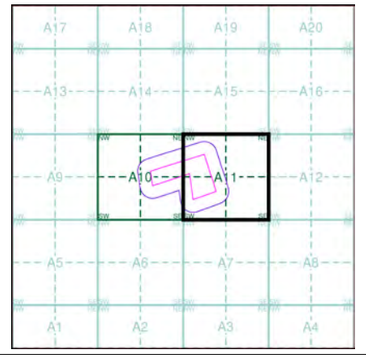
## Geological

- BGS Recorded Mineral Site

## Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
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- Registered Landfill Site (Location)
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- 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

## Site Sensitivity Map - Segment A11



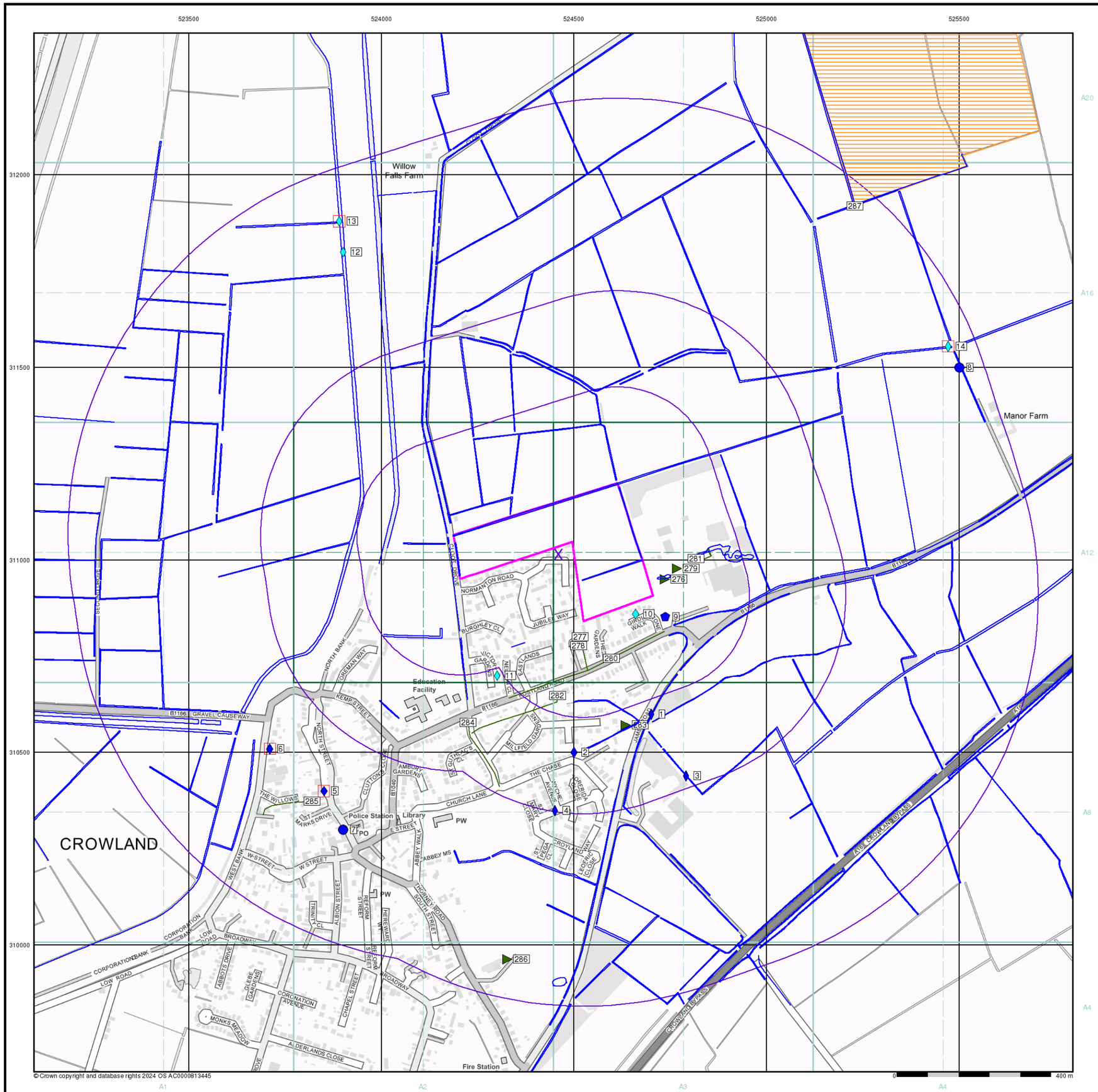

## Order Details

| | |
|---|---|
| Order Number: | 363276827_1_1 |
| Customer Ref: | BRD4519 |
| National Grid Reference: | 524460, 311010 |
| Slice: | A |
| Site Area (Ha): | 8.64 |
| Plot Buffer (m): | 100 |

## Site Details

Land off Cloot Drove, Crowland, PETERBOROUGH, PE6 0JJ

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




BRD

## 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
Historical Prosecutions
Prosecutions
Registered Radioactive Substance
River Network or Water Feature
Substantiated Pollution Incident Register
Water Abstraction
Water Industry Act Referral

## Waste

BGS Recorded Landfill Site (Location)
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EA Historic Landfill (Buffered Point)
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Licensed Waste Management Facility (Location)
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Registered Landfill Site (Point Buffered to 250m)
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Registered Waste Transfer Site
Registered Waste Treatment or Disposal Site (Location)
Registered Waste Treatment or Disposal Site

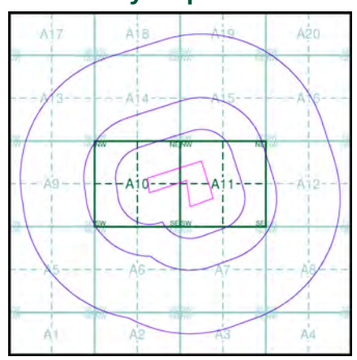
## Hazardous Substances

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

## Geological

BGS Recorded Mineral Site

## Site Sensitivity Map - Slice A



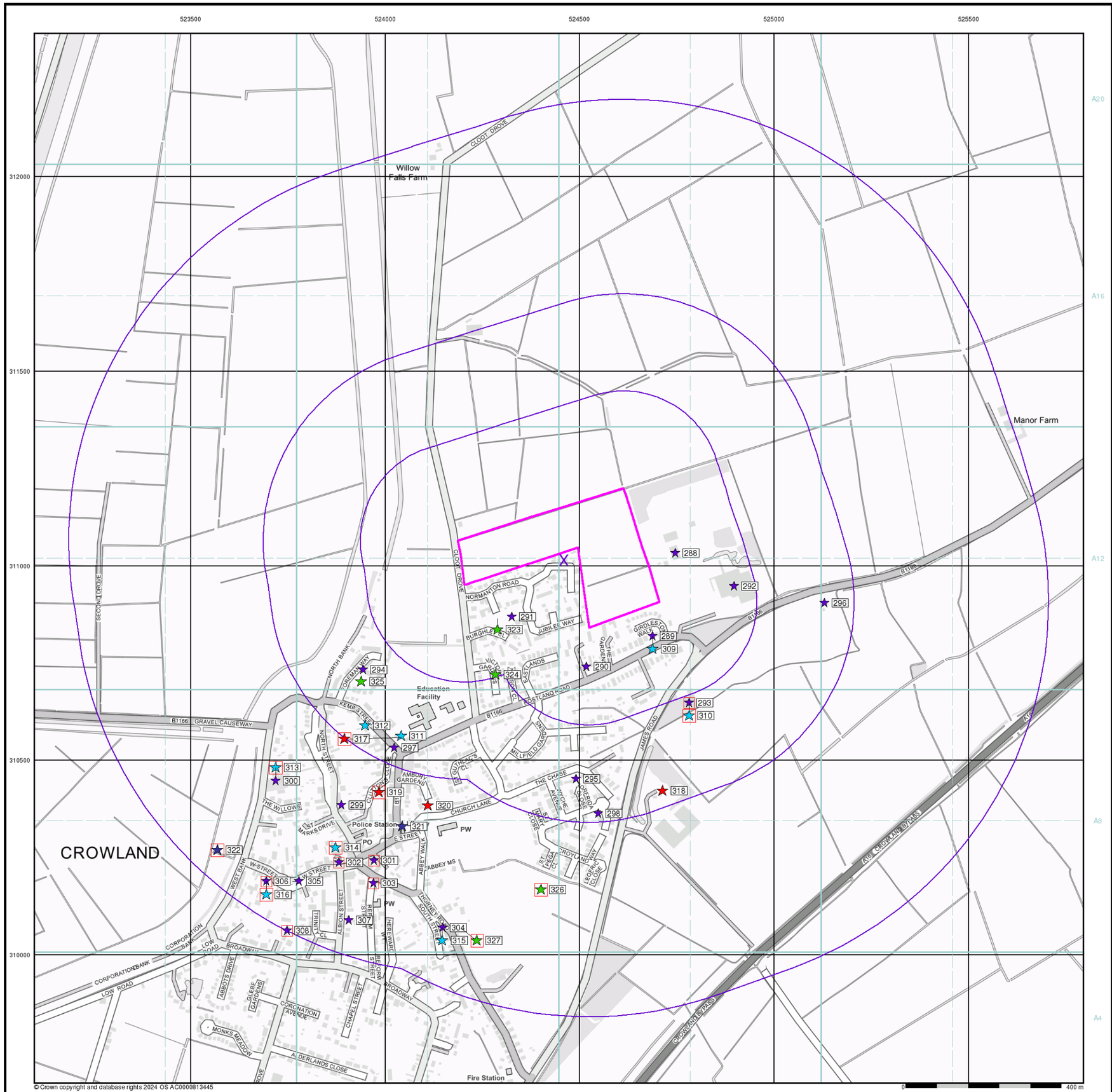

## Order Details

| | |
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| Customer Ref: | BRD4519 |
| National Grid Reference: | 524460, 311010 |
| Slice: | A |
| Site Area (Ha): | 8.64 |
| Search Buffer (m): | 1000 |

## Site Details

Land off Cloot Drove, Crowland, PETERBOROUGH, PE6 0JJ


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




BRD

# Industrial Land Use Map

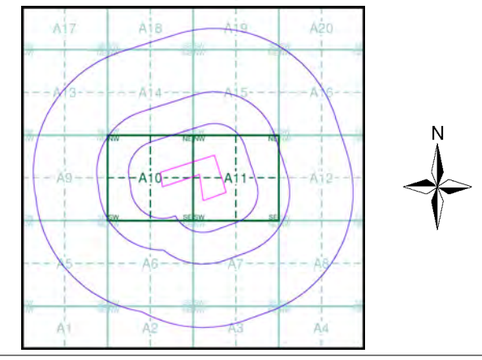
## General

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

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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

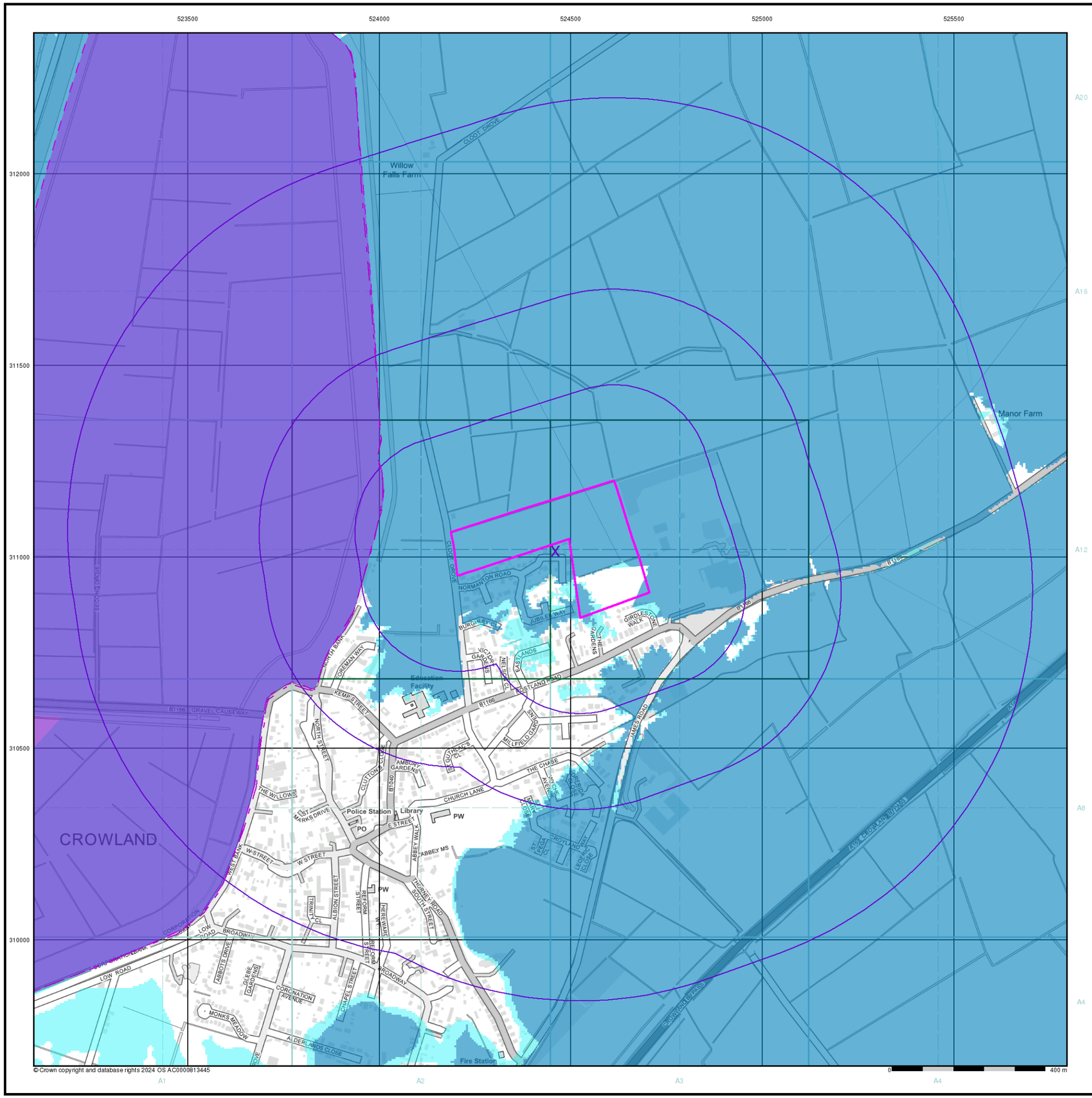
| | |
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Web: www.envirocheck.co.uk




BRD

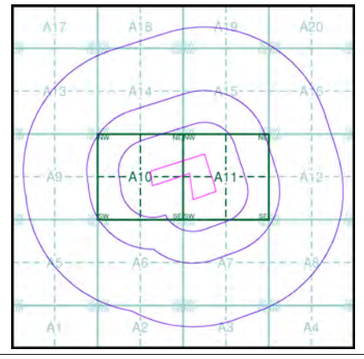
## General

- 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



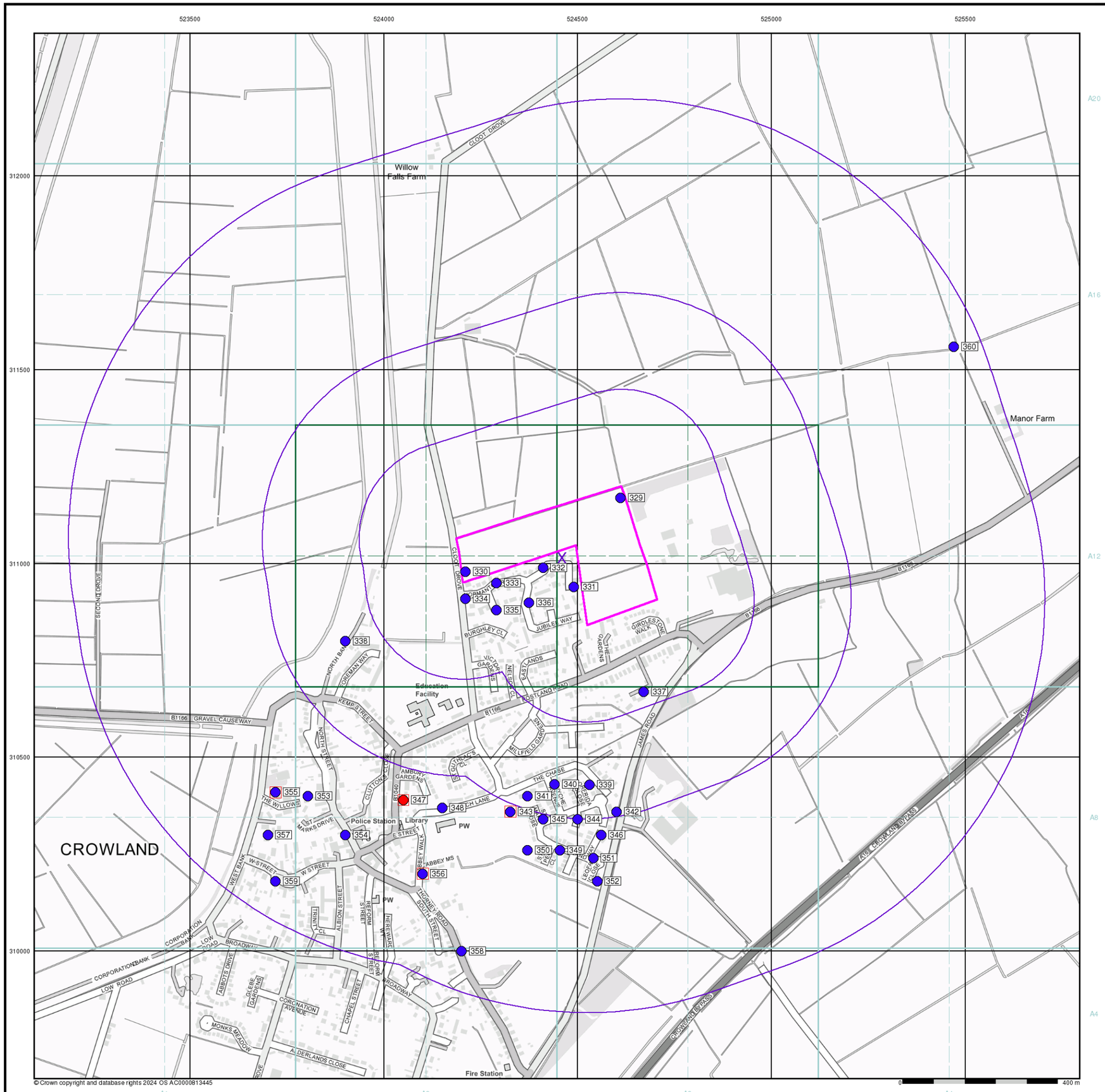

## Order Details

| | |
|---|---|
| Order Number: | 363276827_1_1 |
| Customer Ref: | BRD4519 |
| National Grid Reference: | 524460, 311010 |
| Slice: | A |
| Site Area (Ha): | 8.64 |
| Search Buffer (m): | 1000 |

## Site Details

Land off Cloot Drove, Crowland, PETERBOROUGH, PE6 0JJ

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




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## General

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

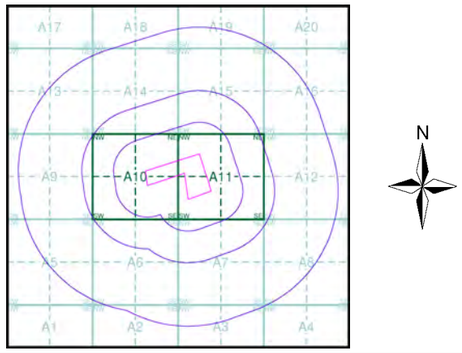
## Agency and Hydrological (Boreholes)

- 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.

## Borehole Map - Slice A




## Order Details

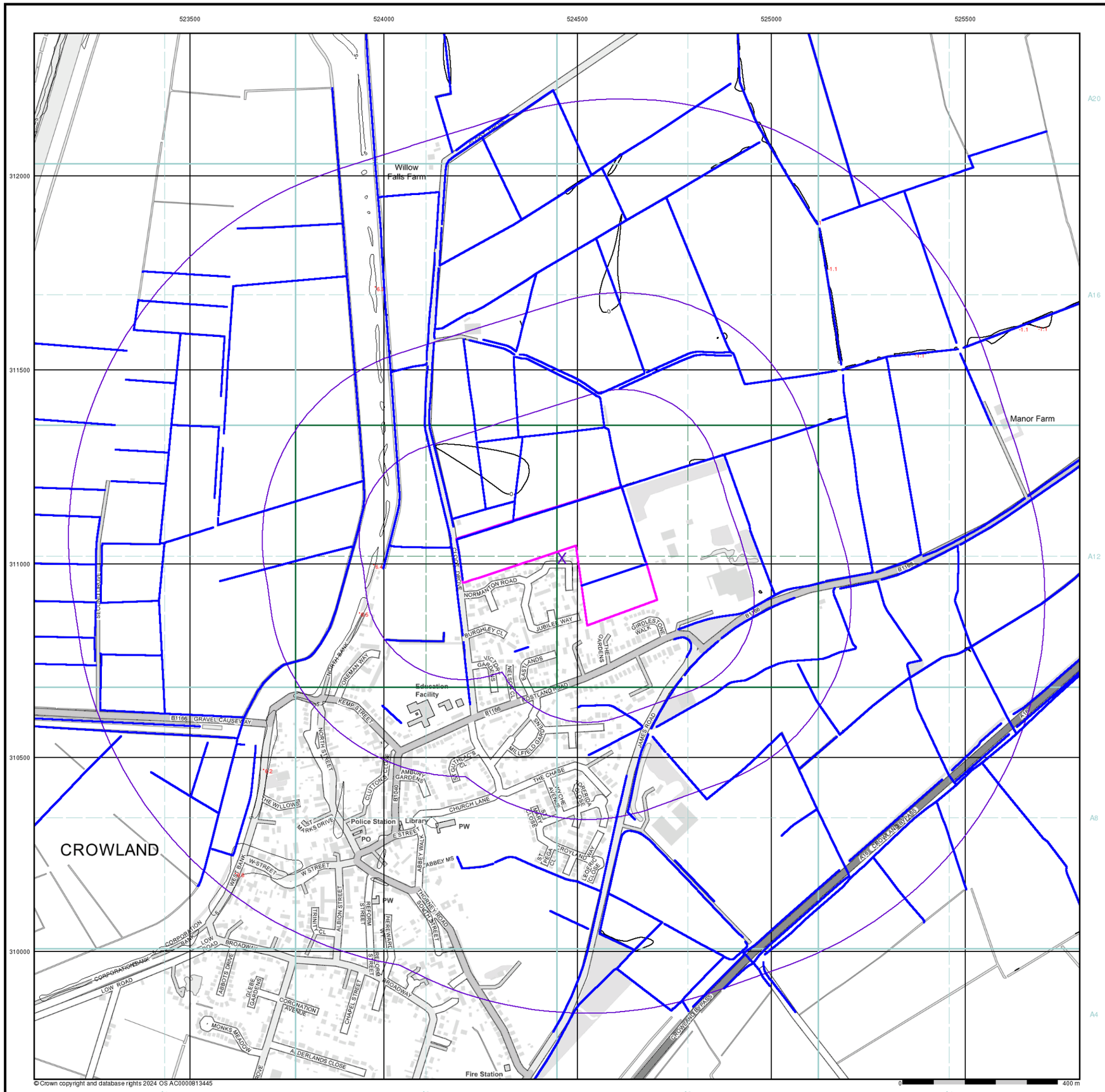
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| Order Number: | 363276827_1_1 |
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## General

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

## OS Water Network Data

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

## Contours (height in meters)

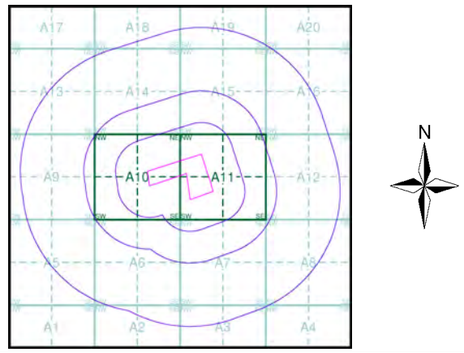
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

## OS Water Network Map - Slice A



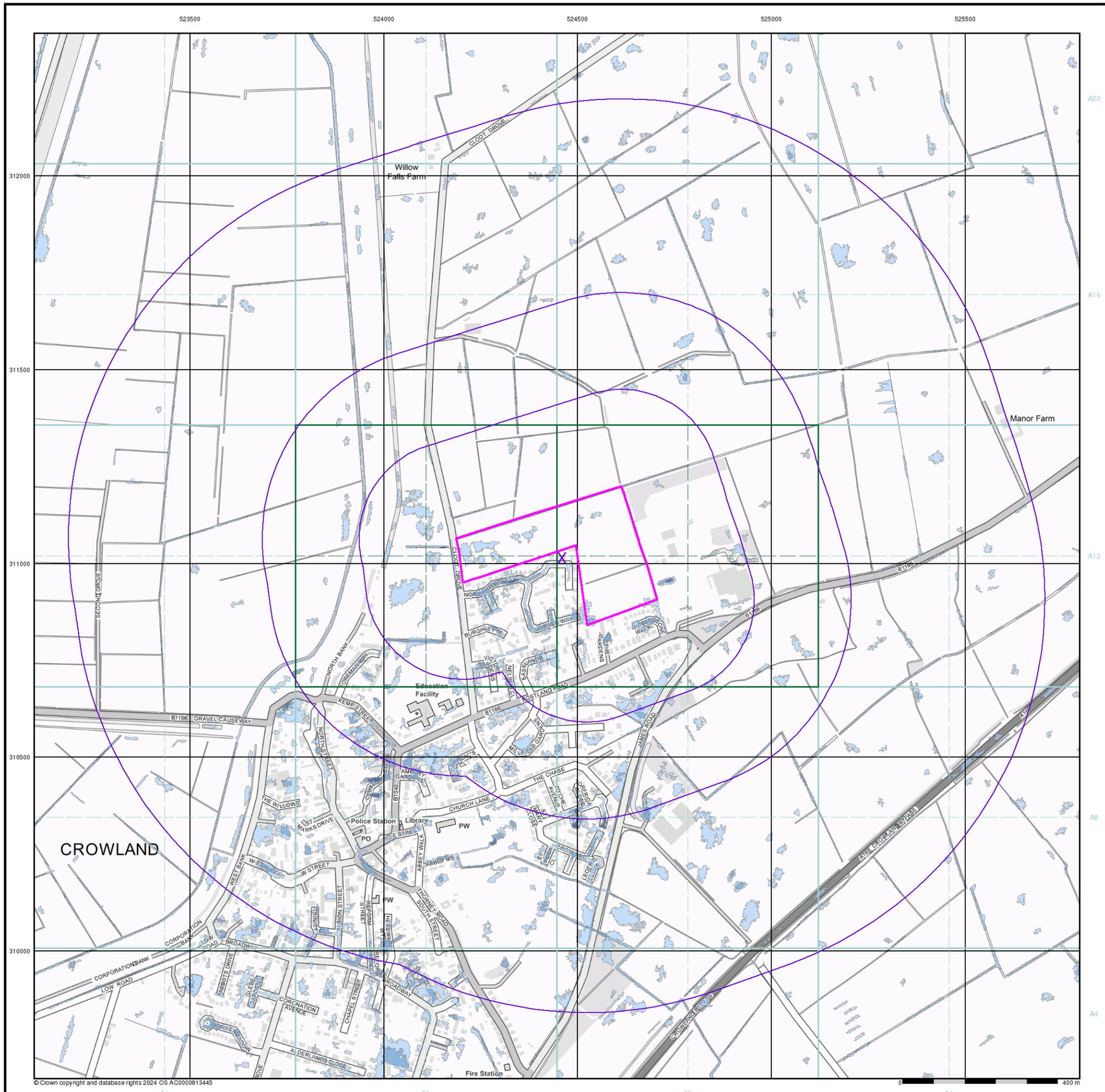

## Order Details

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|---|---|
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## General

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

## Risk of Flooding from Surface Water

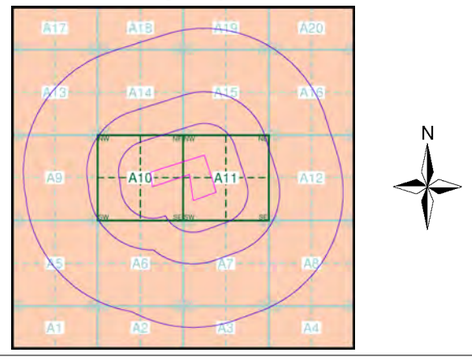
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

## Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

## EA/NRW Suitability Map - Slice A



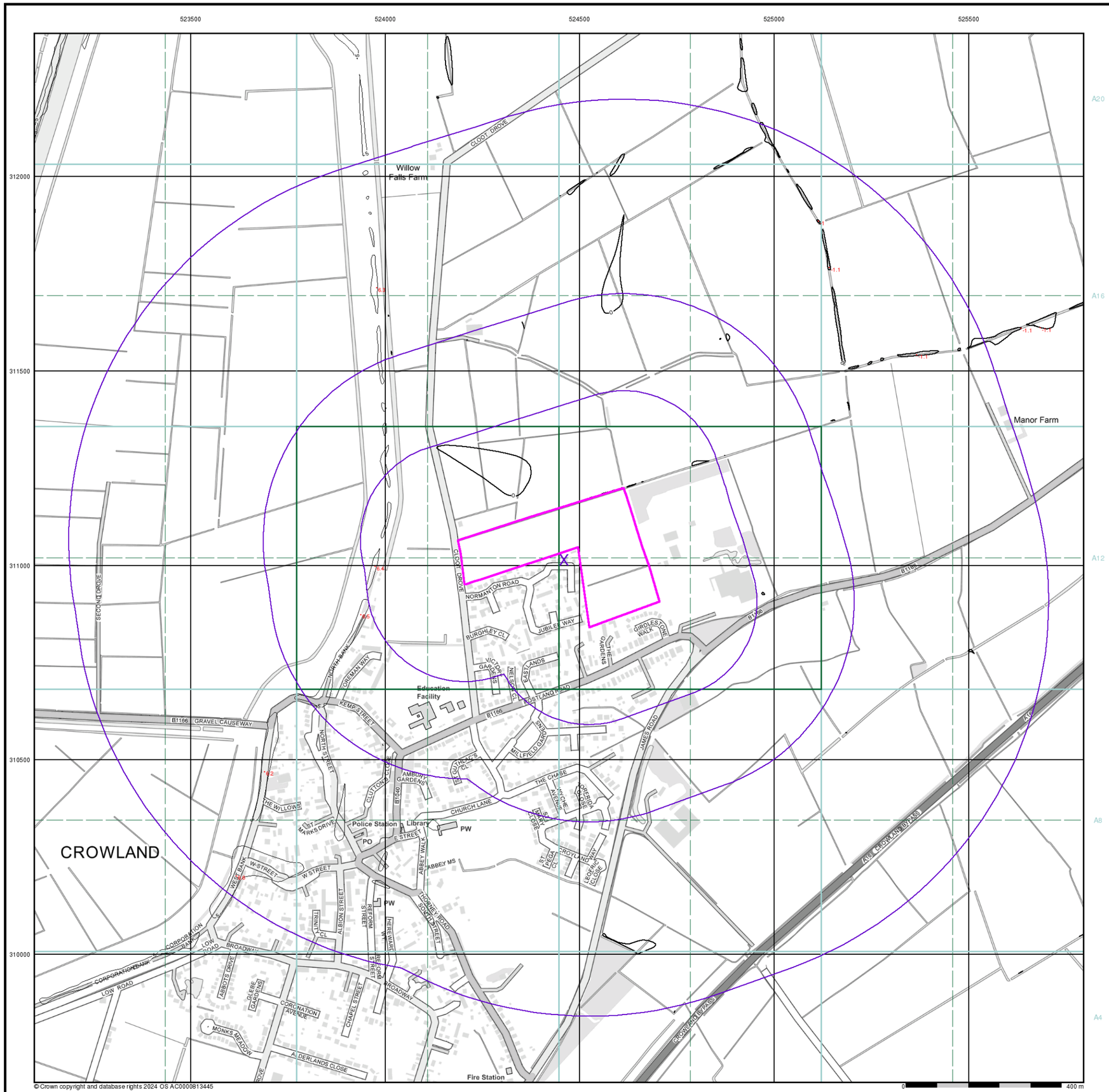

## Order Details

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## WFD Surface Waters Map

### General

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

### Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

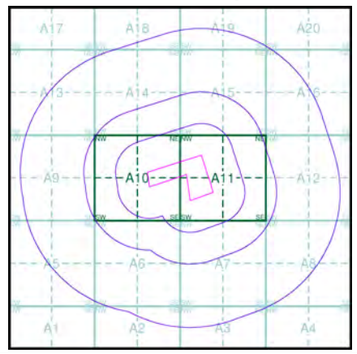
### Contours (height in meters)

Standard Contour 105 100 95 | MLW Mean Low Water

Master Contour | MHW Mean High Water

Spot Height * 167.3

## WFD Surface Waters Map - Slice A




## Order Details

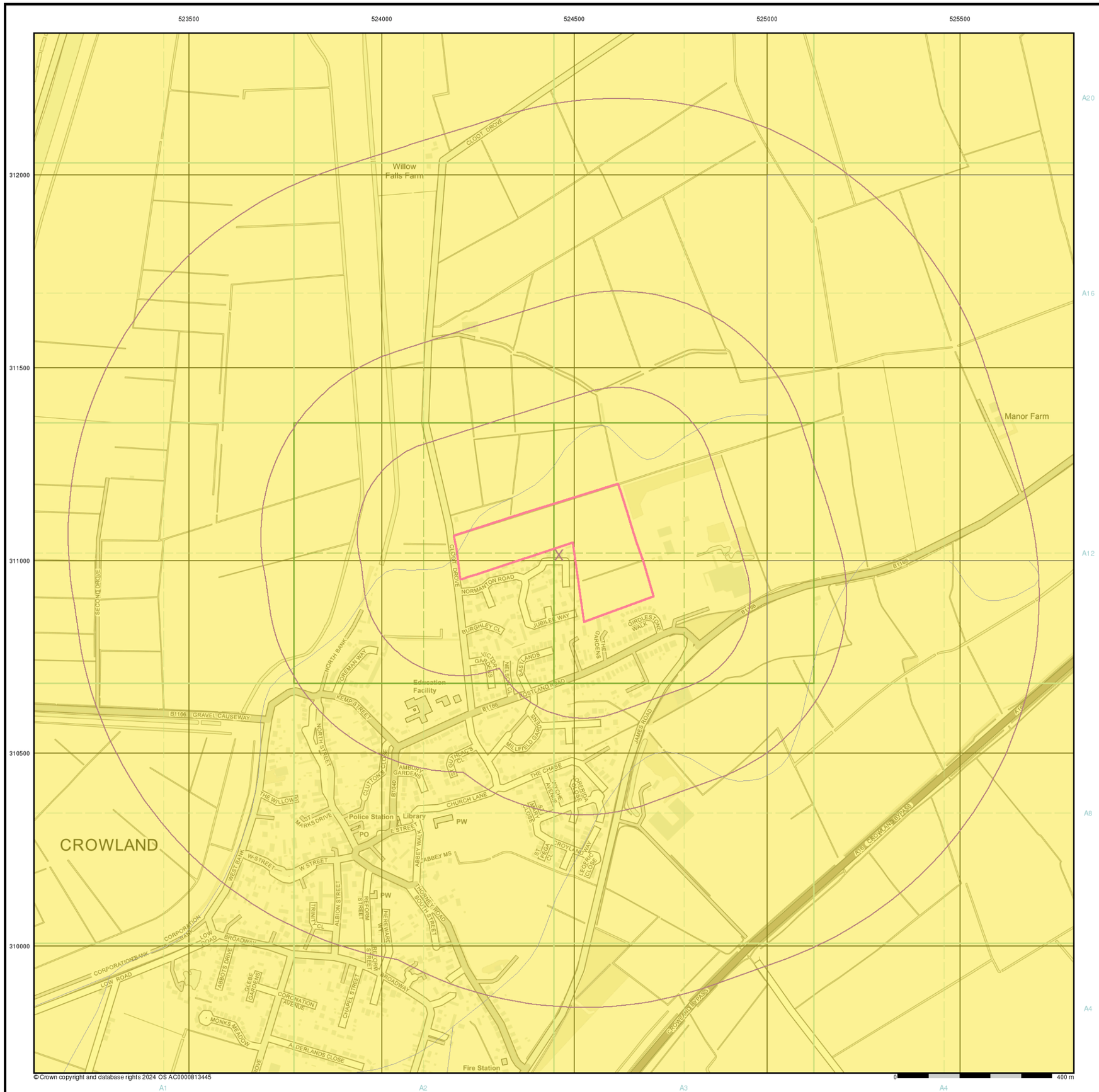
| | |
|---|---|
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## General

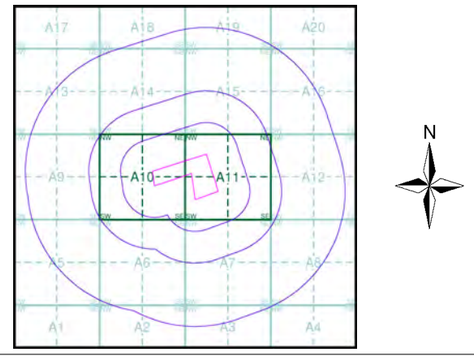
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

## Estimated Soil Chemistry Arsenic - Slice A



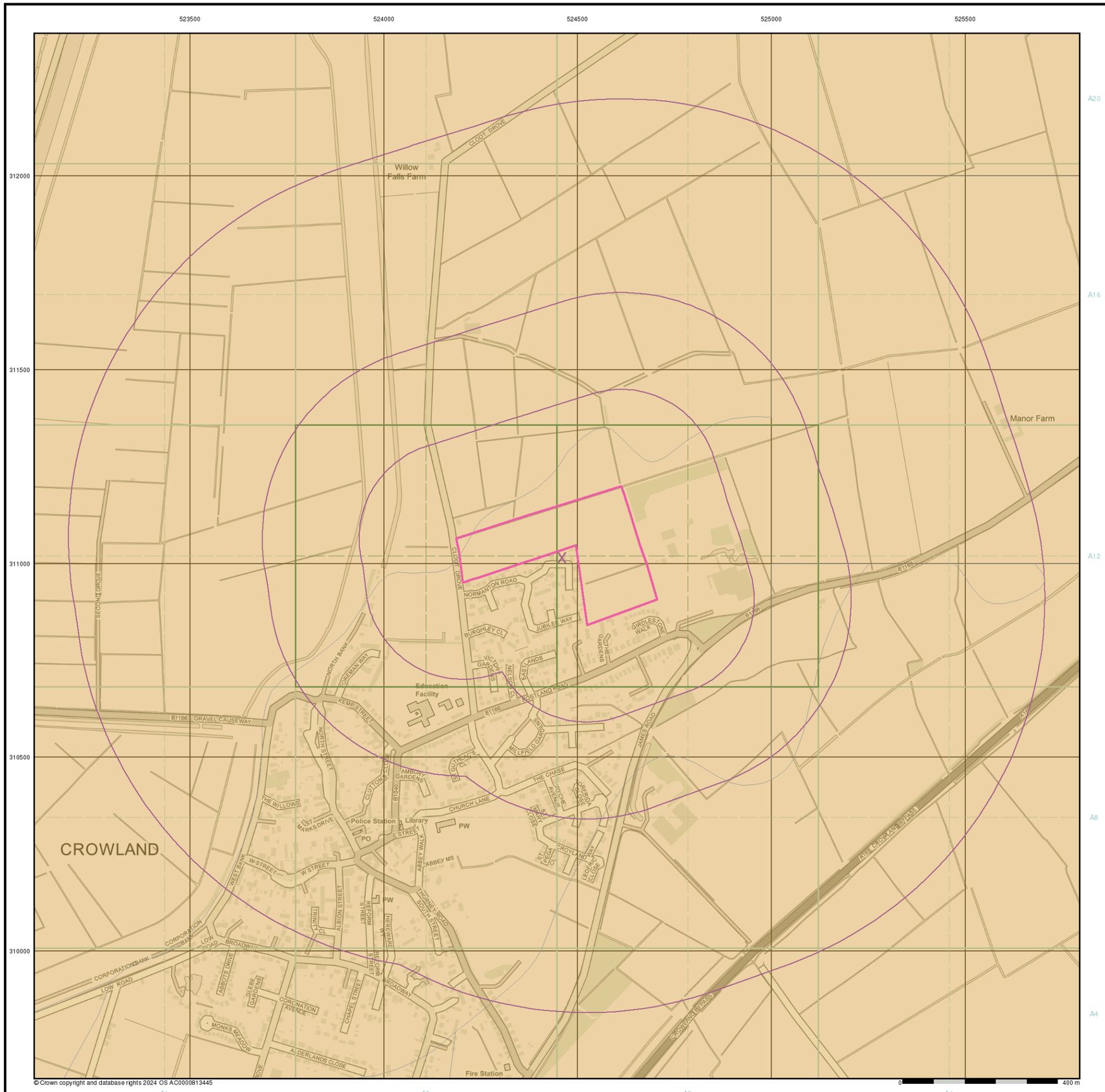

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| | |
|---|---|
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| Customer Ref: | BRD4519 |
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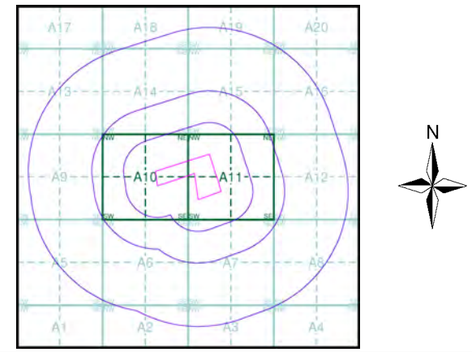
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

## Estimated Soil Chemistry Cadmium - Slice A




## Order Details

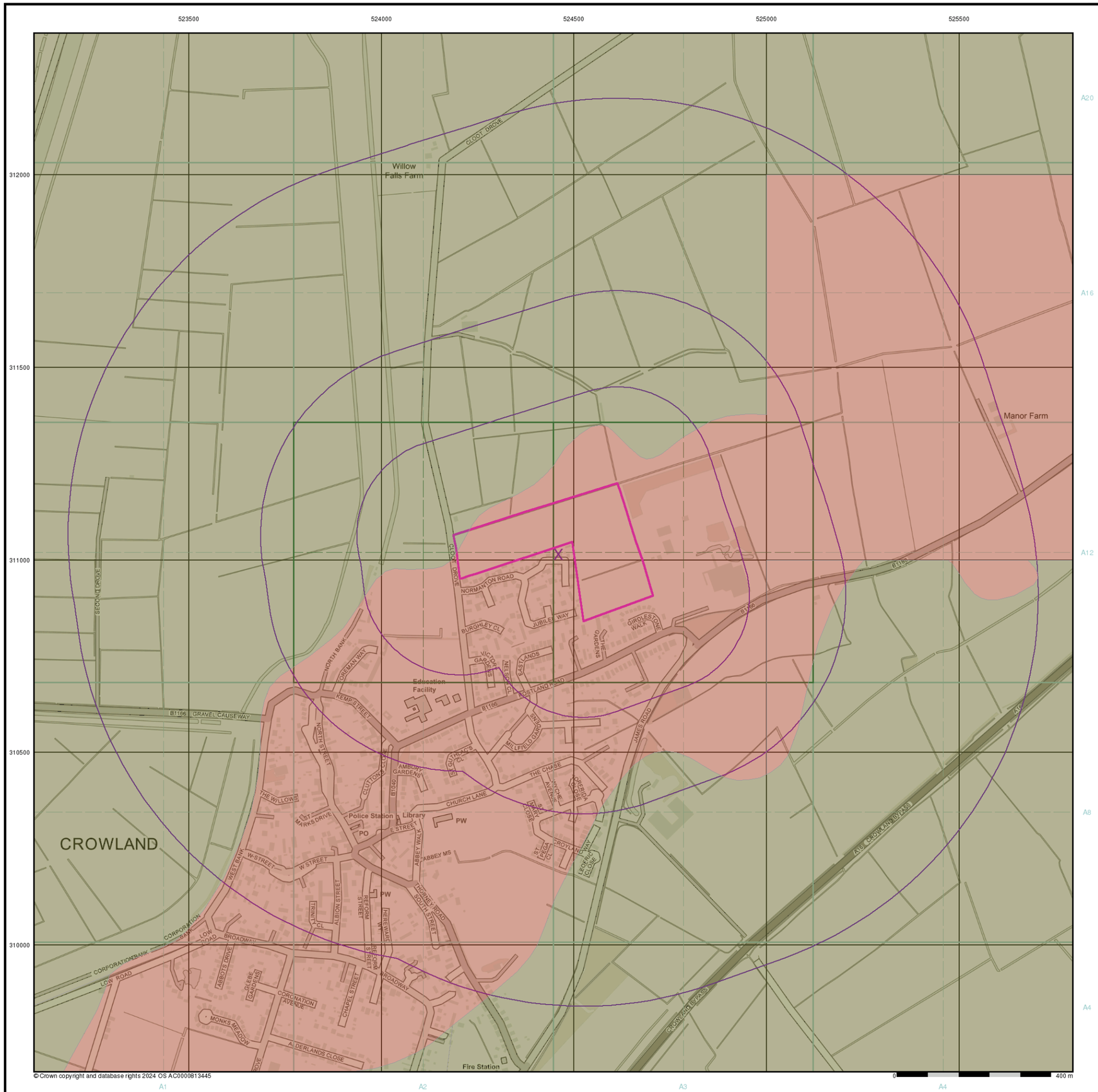
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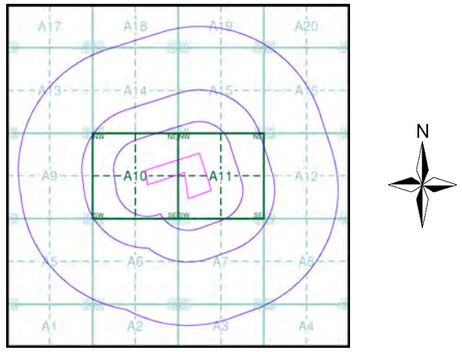
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

## Estimated Soil Chemistry Chromium - Slice A




## Order Details

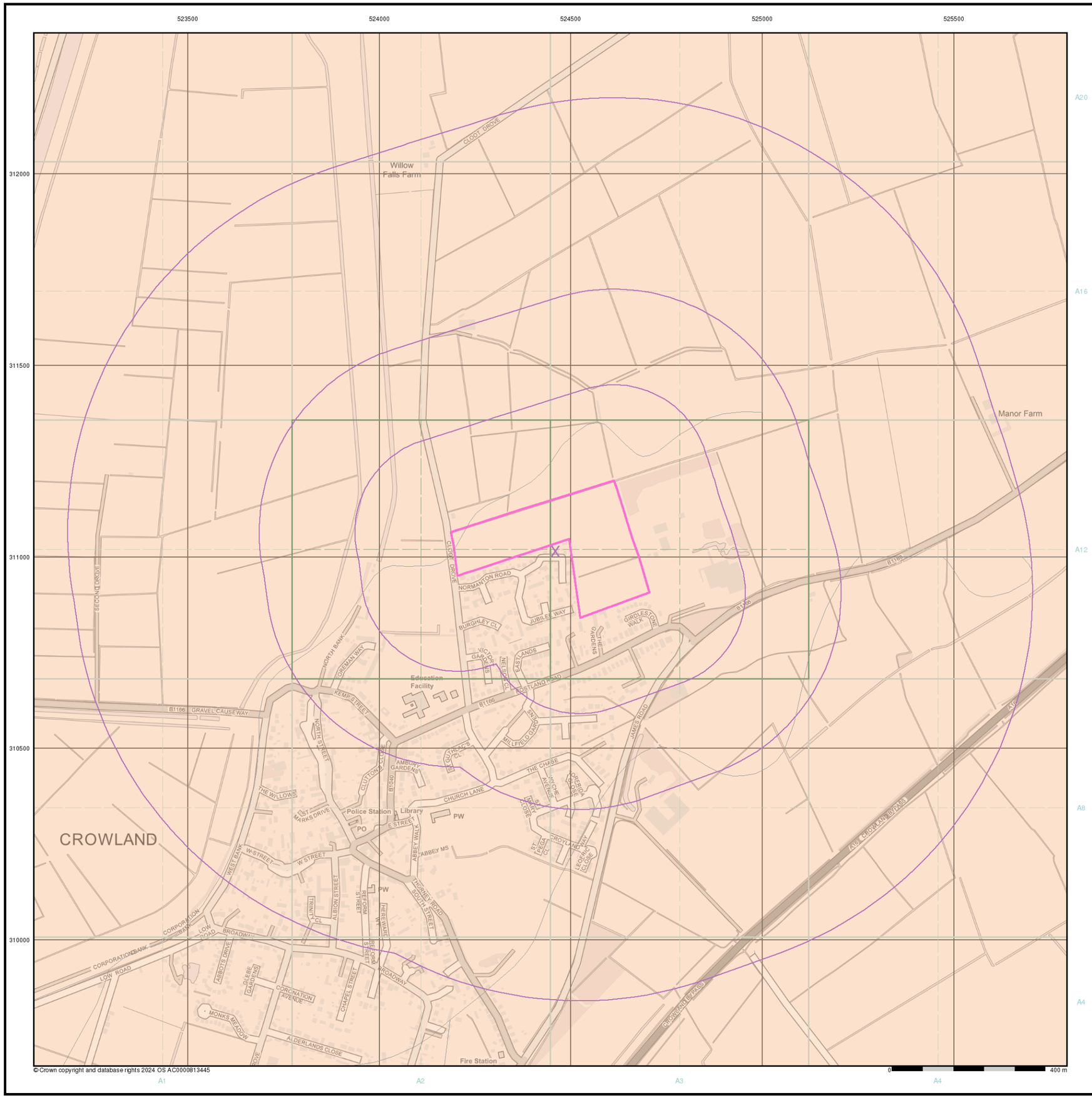
| | |
|---|---|
| Order Details: | 363276827_1_1 |
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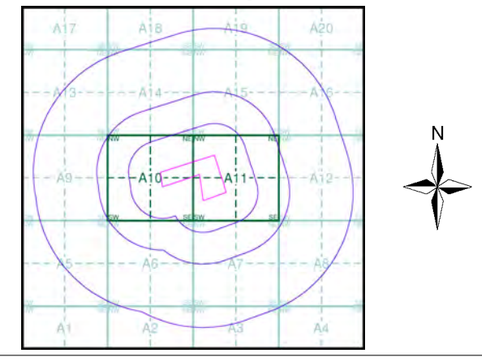
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

## Estimated Soil Chemistry Lead - Slice A




## Order Details

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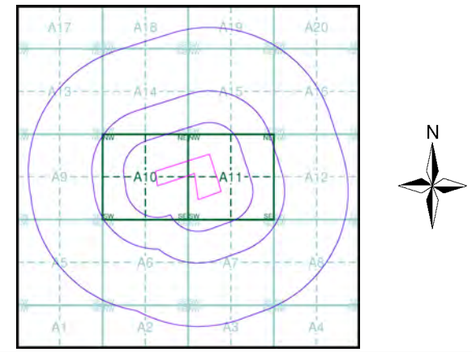
Specified Site | Specified Buffer(s) | X Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

## Estimated Soil Chemistry Nickel - Slice A




## Order Details

| | |
|---|---|
| Order Details: | 363276827_1_1 |
| Customer Ref: | BRD4519 |
| National Grid Reference: | 524460, 311010 |
| Slice: | A |
| Site Area (Ha): | 8.64 |
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