Mr J Powley

Fishergate, Sutton St. James, Spalding

Desk Study

Constructionline
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This report has been prepared for **Mr J Powley** in accordance with the terms and conditions of appointment for **Fishergate, Sutton St. James, Spalding**. TEC cannot accept any responsibility for any use of or reliance on the contents by a third party.

Fishergate, Sutton St. James, Spalding

Desk Study

ISSUE RECORD					
Report Reference: 2005001.001.01					
Version	**Date**	**Amendments Record**	**Prepared by**	**Checked by**	**Authorised by**
-	June 2020	-	Reinier van der Kuip / Claire Hooley	Sophie Thomas	Andrew Kelleher
Report Liability Date: June 2020					

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Figure 1 Site Location Plan

Julian Warrick Architectural Design Consultant 'Proposed Residential House, Fisher Gate, Sutton St James, Spalding' Dwg No.: J126-SK 1

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EXECUTIVE SUMMARY

SITE INFORMATION	**Client**	Mr J Powley
	Site Details	Fishergate, Sutton St. James, Spalding, PE12 0EN
	Current Land Use and Description	The site predominantly comprises undeveloped agricultural land. The north-eastern section of the site includes the private garden of the neighbouring property.
	Proposed Development	Construction of 1No. two storey residential properties with associated private gardens and infrastructure.
BACKGROUND INFORMATION	**Geology**	Superficial Deposits comprising of Tidal Flat Deposits (clay & silt) which is overlying Bedrock Geology of the West Walton Formation (mudstone & siltstone).
	Hydrogeology	The underlying Tidal Flat Deposits and West Walton Formation are designated by the Environment Agency as Unproductive Strata. There are recorded abstraction licenses within proximity of the site and the site is not located within an Environment Agency Source Protection Zone. 6No. discharge consents to land/soakaway have been recorded within 250m of the site.
	Hydrology	A number of surface water features are recorded in proximity to the site, the closest of which is located along the north-east boundary. 3No. discharge consents to surface water are recorded within 250m of the site. There are no recorded surface water abstraction licenses reported in proximity to the site.
	Site History	Earliest available mapping (1887) indicates the site has remained largely undeveloped with the drain present along the northern boundary of the site. Structures associated with the adjacent property are first depicted on mapping from 1975. Between 1887 and 1904, the northern boundary of the site is depicted within the roadway. After this period, the existing B1665 (Fishergate) is depicted in its current location. Limited potentially contaminative land uses have been recorded within proximity to the site.
	Environmental Sensitivity	The site is considered to be of low to moderate environmental sensitivity.
	Identified Pollutant Linkages	Human health (future site end users, construction workers) – potential exposure to contaminants of potential concern within made ground on site via inhalation, ingestion and dermal contact pathways. Human health (future site users) – ingress and inhalation of ground gas subject to thickness and composition of made ground.
RECOMMENDED FURTHER WORKS		Based upon our current conceptual understanding of the site and the proposed end use, the main potential Significant Pollutant Linkage identified is considered to be as follows: • Human Health (current and future site users and construction workers) – exposure to contaminants (potential localised made ground) potentially present within the underlying ground materials through the ingestion, inhalation and dermal contact pathways; Based upon the information contained within this report, it is the opinion of TEC that the site represents a generally low, (although potentially low to moderate where localised made ground is present) risk of geoenvironmental liability. This largely reflects the presence of potential Significant Pollutant Linkages associated with the potential for localised made ground on site. Given the assessment presented within this report, additional works would be recommended to fully define the geoenvironmental issues associated with the site in relation to the proposed development. This phase of assessment would involve refinement of the site conceptual model developed as part of the preliminary risk assessment based on the findings of an exploratory intrusive investigation, comprising near surface sampling in the proposed development areas. Such investigations could be undertaken post-planning and, if necessary, may covered by a suitable planning condition. Based upon the information contained within this report, it is the opinion of TEC that the site, in relation to the proposed development is likely represent a low to moderate geotechnical risk

		primarily due to the unknown thickness and characteristics of the underlying ground materials on site. Therefore, it is recommended that an appropriate geotechnical investigation is undertaken to determine the underlying ground conditions, ascertain foundation design parameters for the proposed on-site development and to fully define potential geotechnical issues at the site.

1 INTRODUCTION

1.1 Terms of Reference

1.1.1 Tweedie Evans Consulting Ltd (TEC) has been appointed by J Warrick Designs on behalf of Mr J Powley to undertake a Desk Study for the land at Fishergate, Sutton St. James, Spalding. All works were undertaken in accordance with our proposal email dated 04 May 2020 and referenced 2005001.001.

1.2 Background

1.2.1 The site comprises a rectangular parcel of land within the east of the village of Sutton St James, Spalding (Figure 1). The site is approximately 0.12ha in size with the centre situated at approximate National Grid Reference 538640,318260. The nearest postcode to the site is PE12 0EN.

1.2.2 The proposed development is understood to comprise the construction of 1No. two storey residential properties with associated private gardens and infrastructure as detailed within planning application H20-0062-18 Condition 8. The proposed development is shown in Julian Warrick Architectural Design Consultant 'Dwg No.: J126-SK 1.

1.2.3 The aim of these works is to provide information on land contamination risk and the ground engineering conditions and constraints associated with the site with regards to the proposed development and to satisfy Condition 8 of the planning application (H20-0062-18).

1.3 Scope of Works

1.3.1 The scope of work undertaken as part of this report is presented below:

- **Preliminary Risk Assessment:** this phase of assessment involves development of an initial site conceptual model, based on desk study research and a site reconnaissance survey, in order to establish whether or not there are potentially unacceptable risks.

1.3.2 The above scope of work has been undertaken in accordance with current guidance such as CLR 11 '*Model Procedures for the Management of Land Contamination*' (Environment Agency, 2004), LCRM - *Land contamination: risk management* (Environment Agency 2019), BS10175+A2 (2017) and, where appropriate NHBC and Eurocode 7.

2 PRELIMINARY RISK ASSESSMENT

2.1 Introduction

2.1.1 Information for this preliminary risk assessment (PRA) has been obtained from a review of an Envirocheck® report obtained for the site (Appendix C) together with published available information where relevant.

2.2 Site Setting

2.2.1 TEC has been unable to visit site to date. Photographs taken by J Warrick Designs and provided to TEC are presented in Appendix A.

Table 2.1: Site Details

Feature	Description	
Current Site Use	The site predominantly comprises undeveloped agricultural land. The north-eastern section of the site includes part of the private garden of the neighbouring property.	
Site Context	The site is located within a mixed-use area, with agricultural land, residential properties and commercial properties located within proximity of the site.	
Site Boundary Features	North	Drainage network running parallel to Fishergate Road. Beyond which is a single residential property, agricultural fields and commercial units.
	East	Residential properties with associated private gardens
	South	Agricultural fields
	West	Agricultural fields
Site Topography	The site is noted to be generally flat. Available Ordnance Survey mapping indicates the site is situated at an approximate elevation of 2.3m Above Ordnance Datum (AOD).	
Hard and Soft Landscaping	The site is predominantly laid to grass. A number of semi-mature deciduous trees are present along the north-eastern boundary of the site.	
Fuel, Hazardous Chemicals and Waste Materials Storage	No fuel, hazardous chemical or waste material storage have been indicated to be present on site.	
Asbestos Containing Materials	No asbestos containing materials have been indicated to be present on site.	
Site Drainage	Drainage ditches are present along the northern boundary of the site. The photographs provided to TEC depict no areas of standing water.	
Evidence of Potential Contamination	It is understood there is no visual or olfactory evidence of potentially gross contamination at the site.	
Ground Stability Hazards	Photographs provided to TEC depict the presence of crack within the clay ground surface on site. No further ground stability hazards are understood to be present.	
General	TEC has been unable to visit site to date. Information and photographs for the site have been provided by J Warrick Designs for use within this preliminary assessment.	

2.3 Site History

2.3.1 Details of the history of the site and surrounding area, relevant to this preliminary risk assessment, have been obtained through the review of historical Ordnance Survey (OS) mapping. A summary of potentially significant features is recorded in Table 2.2, which should be read in conjunction with the full map extracts contained within Appendix B.

Table 2.2: Historical Features Summary

On Site Features			**OS Dates**
Earliest available mapping (1887) indicates the site has remained largely undeveloped with the drain present along the northern boundary of the site. Structures associated with the adjacent property are first depicted on mapping from 1975. Between 1887 and 1904, the northern boundary of the site is depicted within the roadway. After this period, the B1665 (Fishergate) is depicted in its current location.			1887 – 2020
Surrounding Features	**Distance**	**Direction**	**OS Dates**
Haulage Depot with associated tank	~50m	North	1975 – 1979
Garage	~250m	South-east	1993 – 1995

2.4 Geology

2.4.1 A summary of available geological information for the area is provided in Table 2.3.

Table 2.3: Geological Setting

BGS Geological Mapping (Ref. Solid and Drift 1:63,360 map – Spalding, Sheet 144)			
Geological Unit		**Thickness**	**BGS Description**
Made Ground		Unknown	Not recorded on geological mapping but may be present on site. In addition, the potential for near surface materials to be reworked from agricultural activities cannot be discounted.
Superficial Deposits: Tidal Flat Deposits		Unknown	Tidal flat deposits, including mud flat and sand flat deposits consisting of unconsolidated sediment, mainly mud and/or sand. Normally a consolidated soft silty clay, with layers of sand, gravel and peat.
Solid Geology: West Walton Formation		c. 15m	Calcareous mudstone, silty mudstone and siltstone, with subordinate fine-grained sandstones and argillaceous limestone (cementstone) or siltstone nodules;
BGS Borehole Records			
BGS Reference	**Distance/ Direction**	**Depth**	**Recorded Strata**
TF31NE7	~700m / North	~0.6m ~7.5m ~9.0m	Topsoil Loose brown silty fine sand, becoming grey below 3.6m. Medium dense dark grey silty fine sand with traces of organic matter and small inclusions of soft clay.

BGS Estimated Soil Chemistry	
Element	**Estimated Concentration**
Arsenic	15-25 mg/kg
Chromium	<1.8 mg/kg
Cadmium	60 - 90 mg/kg
Lead	<100 mg/kg
Nickel	15 - 30 mg/kg
Radon	
Radon Potential	**Radon Protection Requirement**
Lower Probability Radon Area (less than 1% of homes are estimated to be at or above the Action Level)	None reported to be required

2.5 Hydrogeology

2.5.1 The Envirocheck® report and Environment Agency information records the following hydrogeological setting of the site.

Table 2.4: Hydrogeological Setting

Aquifer Status			
Geological Unit	**Groundwater Vulnerability/ Aquifer Designation**	**Environment Agency Aquifer Classification**	**Potential Hydraulic Gradient Direction**
Tidal Flat Deposits and West Walton Formation	Unproductive Strata	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.	North towards identified surface water features
Source Protection Zones			
None recorded			
Groundwater Abstractions			
None recorded within 1km			
Discharge Consents to Groundwater			
6No. records held within 250m of the site			
Receiving Water	***Effluent Type***	***Distance/ Direction from Site***	
Land	Unknown	~125m southeast	
		~130m southeast	
		~155m southeast	
Soakaway	Sewage discharges – final/treated effluent	~160m southeast	
		~170m southeast	
Land	Unknown	~250m southeast	
BGS Groundwater Flooding Susceptibility			
Not located within an area reported to be susceptible to groundwater flooding.			

2.6 Hydrology

2.6.1 The hydrological setting of the site is summarised in Table 2.5:

Table 2.5: Hydrological Setting

Nearest Surface Water Features		
Feature	**River Quality (GQA Grade)**	**Distance/ Direction from Site**
Drain	-	On site (northeast boundary)
Surface Water Abstractions		
None recorded within 1km		
Licensed Discharge Consents		
3No. records within 250m of the site		
Receiving Water	**Effluent Type**	**Distance/ Direction from Site**
Unknown	Unknown	~80m southeast
		~95m southeast
		~115m southeast
Pollution Incidents		
1No. record within 250m of the site		
Receiving Water	**Pollution Incident**	**Distance/ Direction from Site**
Freshwater stream	Domestic / residential - septic tank effluent from poor/inadequate maintenance	~245m south
Flooding from Rivers or Seas		
On Site Designation	**Off Site Areas of Flooding**	
Zone 2 and Zone 3	Extent of flooding and extreme flooding from rivers or seas without defences	

2.7 Environmental Data

2.7.1 Additional relevant environmental data from the Envirocheck® report for the site is summarised in Table 2.6.

Table 2.6: Additional Environmental Data Summary

Landfill Sites
No landfill features have been recorded within 250m of the site.
Commercial/ Industrial Land Use (Active Contemporary Trade Directories)
An active road haulage company is reported ~50m east of the site. No further significant land uses identified within 500m.
Hazardous Substances (Authorisations, Consents, Incidents)
None recorded within 500m
Sensitive Land Uses
None recorded within 1km

2.8 Engineering Considerations

2.8.1 Engineering considerations identified from the Envirocheck® report for the site are summarised in Table 2.7:

Table 2.7: Engineering Considerations

Ground Stability Hazards						
Hazard	**Hazard Potential**					
	No Hazard	**Negligible**	**Very Low**	**Low**	**Moderate**	**High**
Collapsible ground	X					
Compressible ground					X	
Ground dissolution	X					
Landslide			X			
Running sand					X	
Shrink/swell clays				X		
Coal mining		X				
Non-coal mining		X				
BGS Recorded Mineral Sites						
None recorded within 1km						

2.9 Regulatory Consultations

2.9.1 Regulatory consultations were undertaken with the relevant departments at South Holland District Council with respect to possible environmental issues and ground conditions on-site and in the surrounding area. No response had been received at the time of issue. Any pertinent information received will be issued under separate cover.

2.10 Outline Conceptual Model

2.10.1 In accordance with the Environment Agency Land contamination: risk management guidance, potential source-pathway-receptor pollutant linkages identified from the desk study phase are summarised in the following sections.

2.11 Potential Sources

2.11.1 Potential sources of contamination identified on and within the vicinity of the site are summarised below:

On Site Sources

- Localised areas of made ground of unknown chemical composition. In addition, the potential exists for near surface materials to have been reworked as a result of agricultural activities

Off Site Sources

- Given the distance and scale of identified off-site features, no potential off-site sources of contamination have been identified.

2.12 Potential Receptor Pathways

2.12.1 Potential receptors identified as part of this preliminary risk assessment are:

- Current/future site users;
- Construction workers;
- Controlled waters (Surface waters);

2.13 Potential Pathways

2.13.1 Potential contaminant pathways relating to the identified receptors and contaminants of concern include:

- Dermal contact – contact with soil, dust or water;
- Ingestion - ingestion of soil, dust or water;
- Inhalation – inhalation of soil, dust or vapours;

2.13.2 Given the anticipated cohesive nature of the underlying ground conditions, which have been designated as unproductive strata, the potential for significant migration of contaminants or ground gas from potential localised made ground materials is considered to be low and has therefore not been considered further at this stage.

2.14 Hazard Assessment and Risk Estimation

2.14.1 Potential pollutant linkages identified as part of this preliminary risk assessment are summarised in the Outline Site Conceptual Model presented in Table 2.8. References to risk estimations are made in accordance with the methodology presented in CIRIA publication C552 (2001) titled *'Contaminated Land Risk Assessment: A Guide to Good Practice'* and summarised in Appendix D.

Table 2.8: Outline Conceptual Model

Potential Hazard / Source	Potential Receptor	Potential Pathway to Receptors	Potential Consequence of Source-Receptor Linkage	Potential Likelihood for Significant Source-Receptor Linkage	Risk Classification
Made ground	Current and future site users and construction workers	Exposure to potential contaminants through ingestion, inhalation and dermal contact.	Medium	**Unlikely to Low Likelihood:** Given the development history of the eastern section of the site and adjacent property together with observations from site photographs, the potential for localised made ground of unknown thickness and chemical composition, or shallow contaminants on site cannot be discounted at this stage, although where present, made ground is considered likely to be localised only.	**Low Risk**

3 CONCLUSIONS AND RECOMMENDATIONS

3.1.1 Based upon our current conceptual understanding of the site and the proposed end use, the main potential Significant Pollutant Linkages identified are considered to be as follows:

- Human Health (current and future site users and construction workers) – exposure to contaminants (potential localised made ground) potentially present within the underlying ground materials through the ingestion, inhalation and dermal contact pathways;

3.2 Geoenvironmental Risk Evaluation

3.2.1 Based upon the information contained within this report, it is the opinion of TEC that the site represents a generally low, (although potentially low to moderate where localised made ground is present) risk of geoenvironmental liability. This largely reflects the presence of potential Significant Pollutant Linkages associated with the potential for localised made ground on site.

3.3 Geoenvironmental Risk Management Recommendations

3.3.1 Given the assessment presented within this report, additional works would be recommended to fully define the geoenvironmental issues associated with the site in relation to the proposed development. This phase of assessment would involve refinement of the site conceptual model developed as part of the preliminary risk assessment based on the findings of an exploratory intrusive investigation, comprising near surface sampling in the proposed development areas. Such investigations could be undertaken post-planning and, if necessary, may covered by a suitable planning condition.

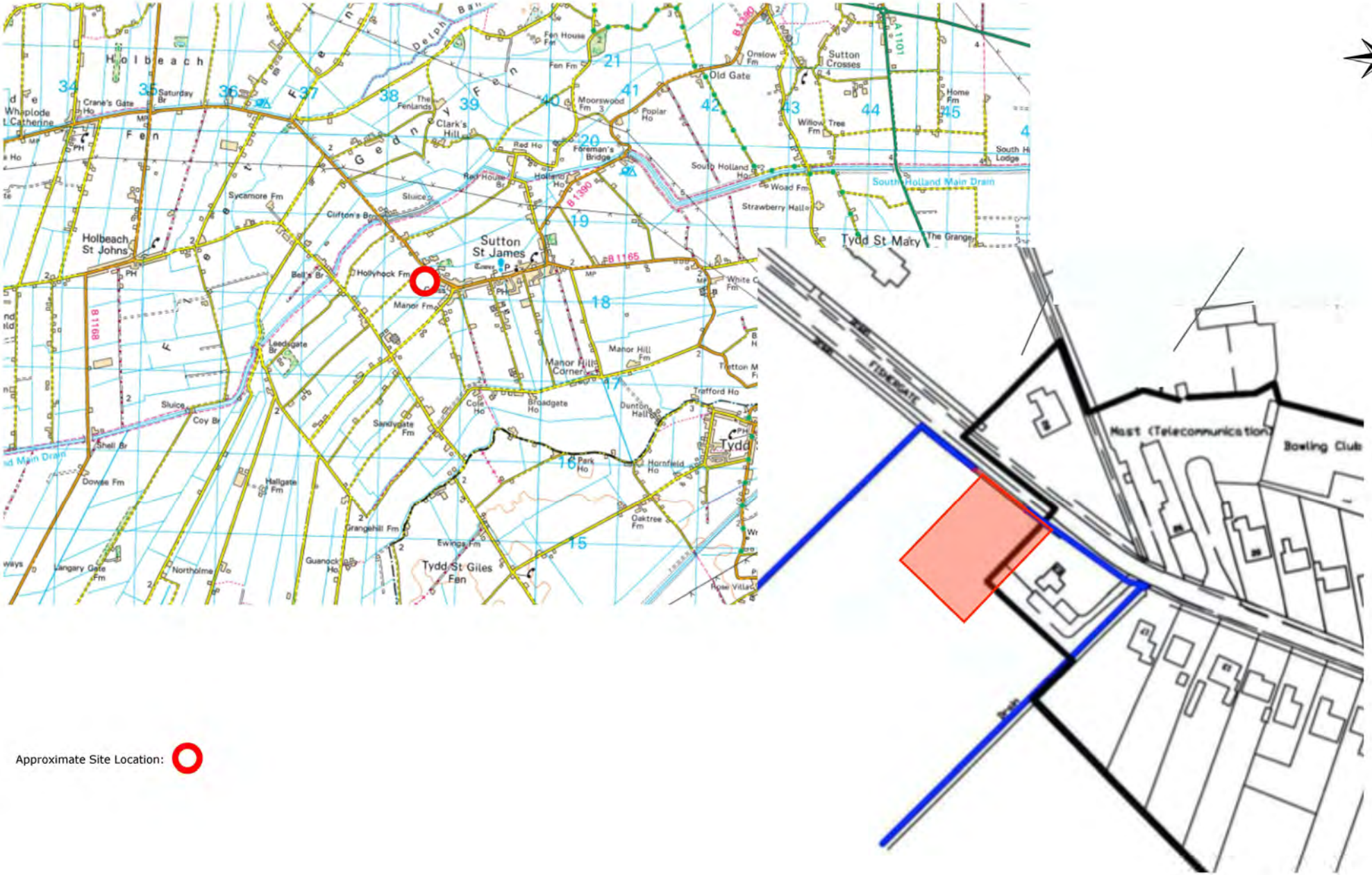
3.4 Ground Engineering

3.4.1 The underlying geology is described as comprising superficial Tidal Flat Deposits of unknown thickness underlain by the West Walton Formation.

3.4.2 Based on this information, the potential for a piled foundation solution cannot be discounted subject to the depth of superficial deposits on site, thus, an intrusive investigation is recommended to ascertain the ground profile for the most suitable founding option.

TEC

FIGURES AND DRAWINGS



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tec	TEC The Old Chapel 35a Southover Wells, Somerset BA5 1UH	Tel: 01749 677760 Email:info@tecon.co.uk www.tecon.co.uk	Site Name: Fishergate, Sutton St James, Spalding	Drawing Name: Site Location Plan	Client Name: Mr J Powley	Project No: 2005001.001	Figure No: 1	Date: June 2020	Scale: NTS



BLOCK PLAN



LOCATION PLAN

LEGEND

- proposed 300 or 450 diameter inspection chambers for foul water
- new foul water drain
- mains sewer combined water drain
- surface water soaraway crates

SOFT LANDSCAPING: -

TREE TYPES- ALL TO BE PLANTED AS HEAVY STANDARD

ROWAN - SORBUS AUCUPARIA

THE NEW HAWTHORN HEDGE IS TO BE ON NORTH WESTERN BOUNDARY MAXIMUM HEIGHT 2.4M. THE FRONT AND REAR AT MAX HEIGHT 900mm. THE HEDGE IS TO BE A HAWTHORN BASED MIXED HEDGE WITH BLACKTHORN, DOG ROSE, FIELD MAPLE, HAZEL AND WILD CHERRY.

OTHER PLANTING AREAS TO RECEIVE A MIXTURE OF NATIVE GROUND COVERING SHRUBS

GARDEN LAID TO GRASS.

HARD LANDSCAPING: -

PRIVATE DRIVE TO BE GOLDEN GRAVEL.

NEW FENCING TO BE 2.4M HIGH .

FOOTPATHS AND GARAGE APRON TO BE LAID IN TAN SMOOTH PAVING.

PATIO TO BE LAID IN TAN SMOOTH PAVING.

MATERIALS: -

BRICKS - OLD FARMHOUSE VANDERSANDEN FACING BRICKS
ROOF- TERRACOTTA PANTILE
WINDOWS - WHITE TIMBER AND ALUMINIUM
DOORS - GREY GRP FRONT DOOR & WHITE ALUMINIUM
RAINWATER GOODS - BLACK UPVC
FASCIAS & BARGEBOARDS - WHITE TIMBER

PROPOSED RESIDENTIAL HOUSE FISHER GATE SUTTON ST JAMES SPALDING for MR J POWLEY

DO NOT SCALE FROM THIS DRAWING
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Appendix A

Site Photographs



Photograph 1: View of the site facing south-west.



Photograph 2: View of the site facing north-east.



Photograph 3: View of the north-east boundary of the site.



Photograph 4: View of western section of the site facing north-west.



Photograph 5: View of adjacent property situated along eastern boundary of the site.



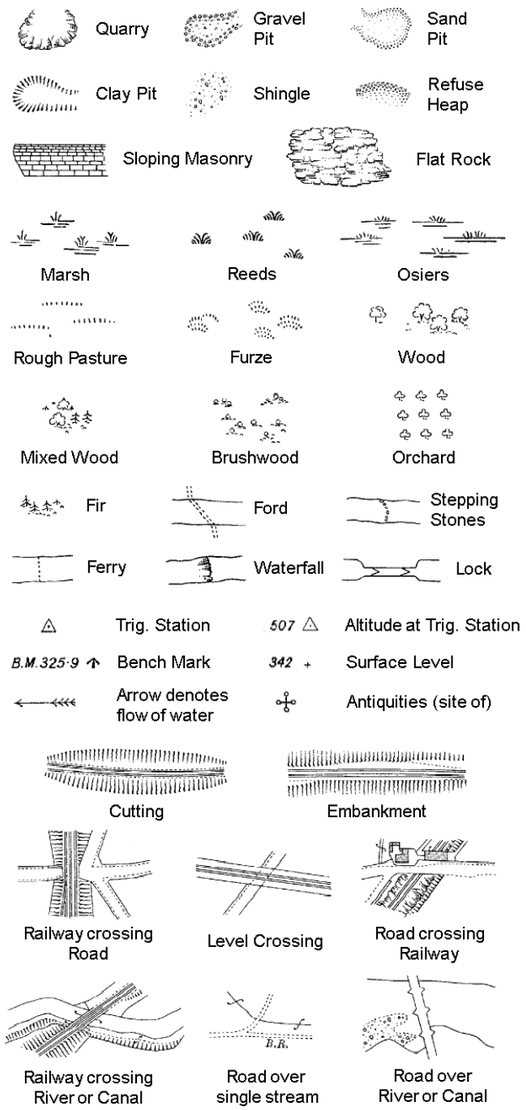
Photograph 6: View of existing ground surface with evidence of cracking.

Appendix B

Historical Maps

Historical Mapping Legends

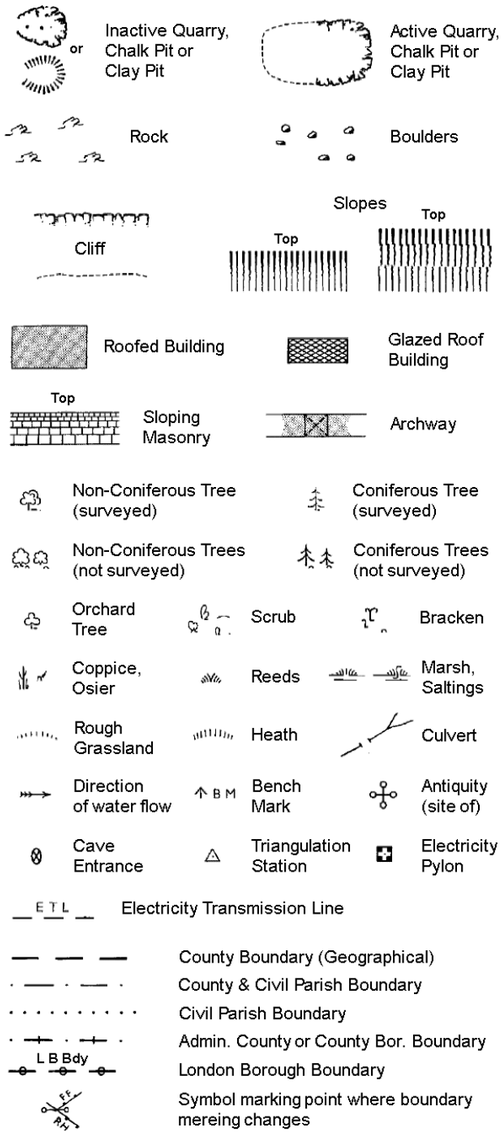
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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)

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

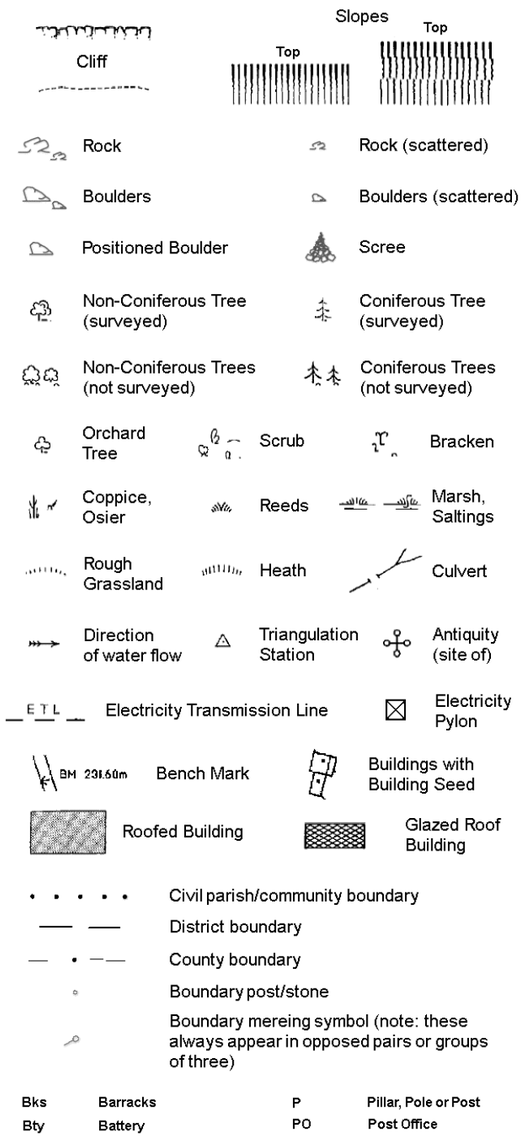
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
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



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

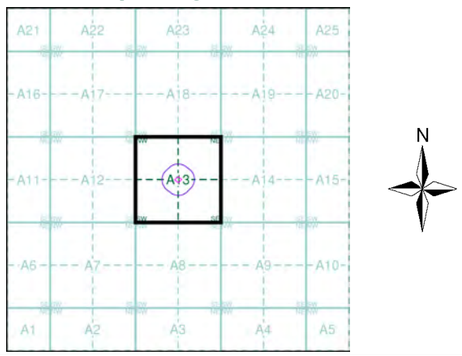
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity 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

TWEEDIE EVANS CONSULTING

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1887 - 1888	2
Lincolnshire	1:2,500	1904	3
Ordnance Survey Plan	1:2,500	1975	4
Additional SIMs	1:2,500	1993	5
Large-Scale National Grid Data	1:2,500	1995	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment A13



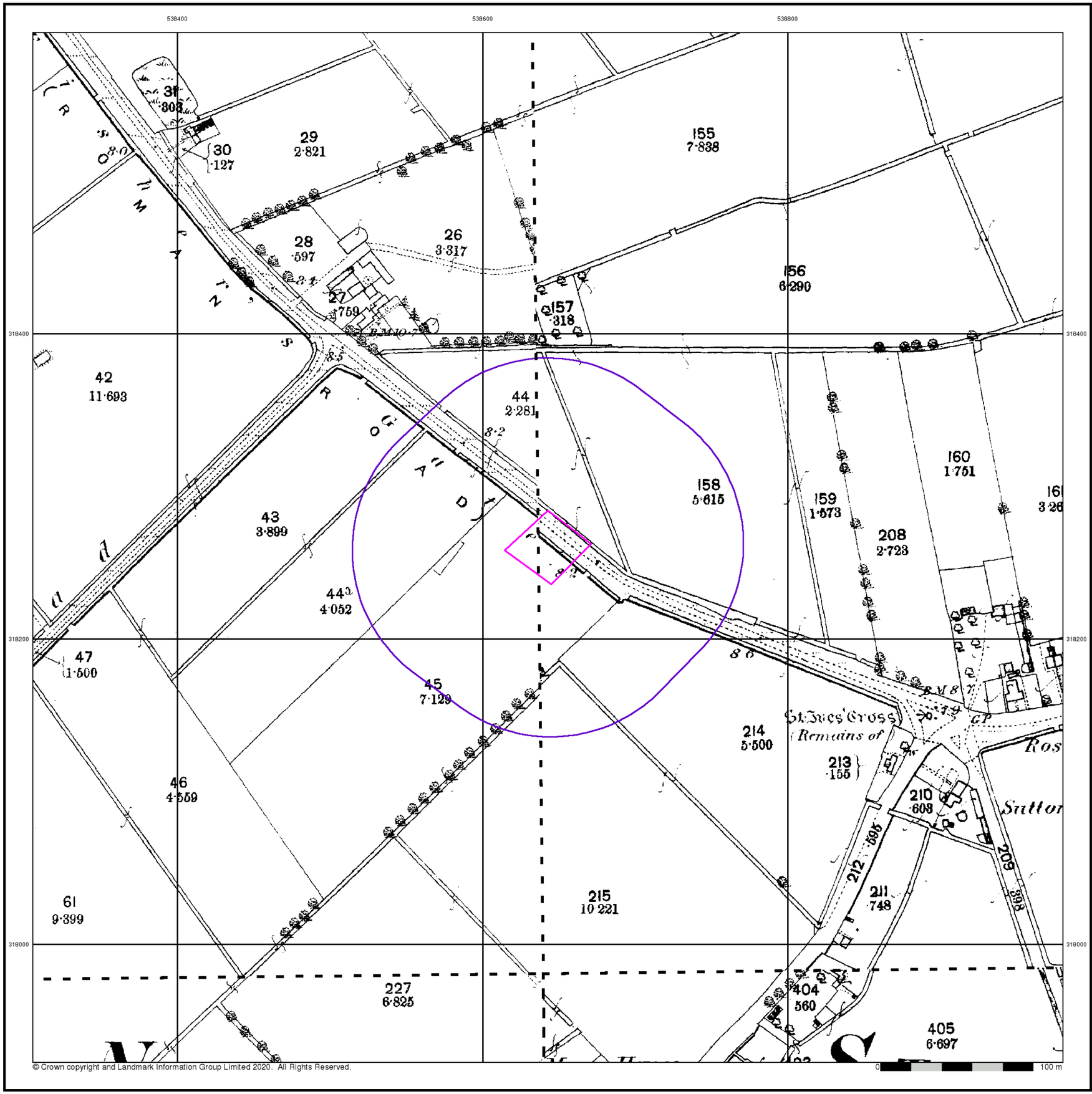
Order Details

Order Number:	243727539_1_1
Customer Ref:	2005001.001
National Grid Reference:	538640, 318260
Slice:	A
Site Area (Ha):	0.14
Search Buffer (m):	100

Site Details

Land of FIshergate, Sutton St. James, Spalding, PE12 0EN

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



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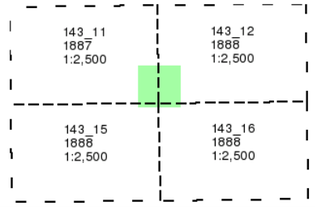
Lincolnshire

Published 1887 - 1888

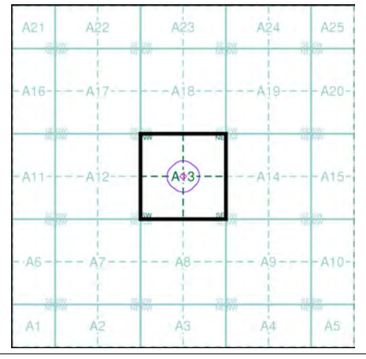
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



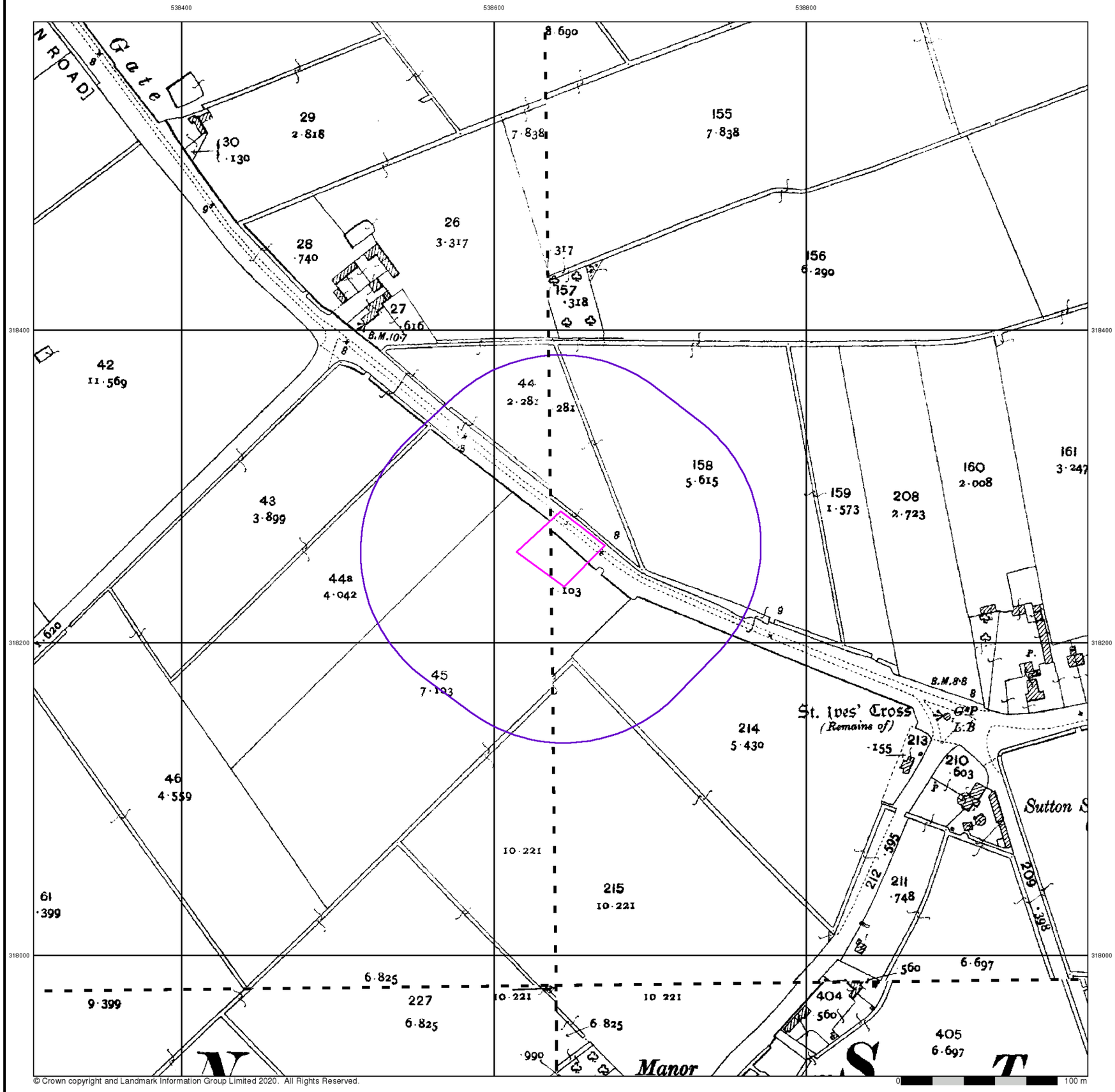
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Customer Ref:	2005001.001
National Grid Reference:	538640, 318260
Slice:	A
Site Area (Ha):	0.14
Search Buffer (m):	100

Site Details

Land of FIshergate, Sutton St. James, Spalding, PE12 0EN

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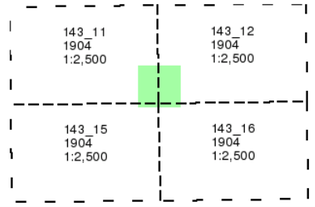
Lincolnshire

Published 1904

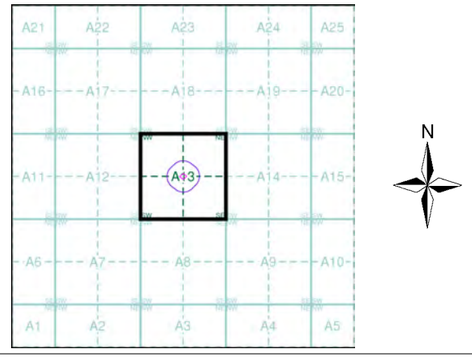
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



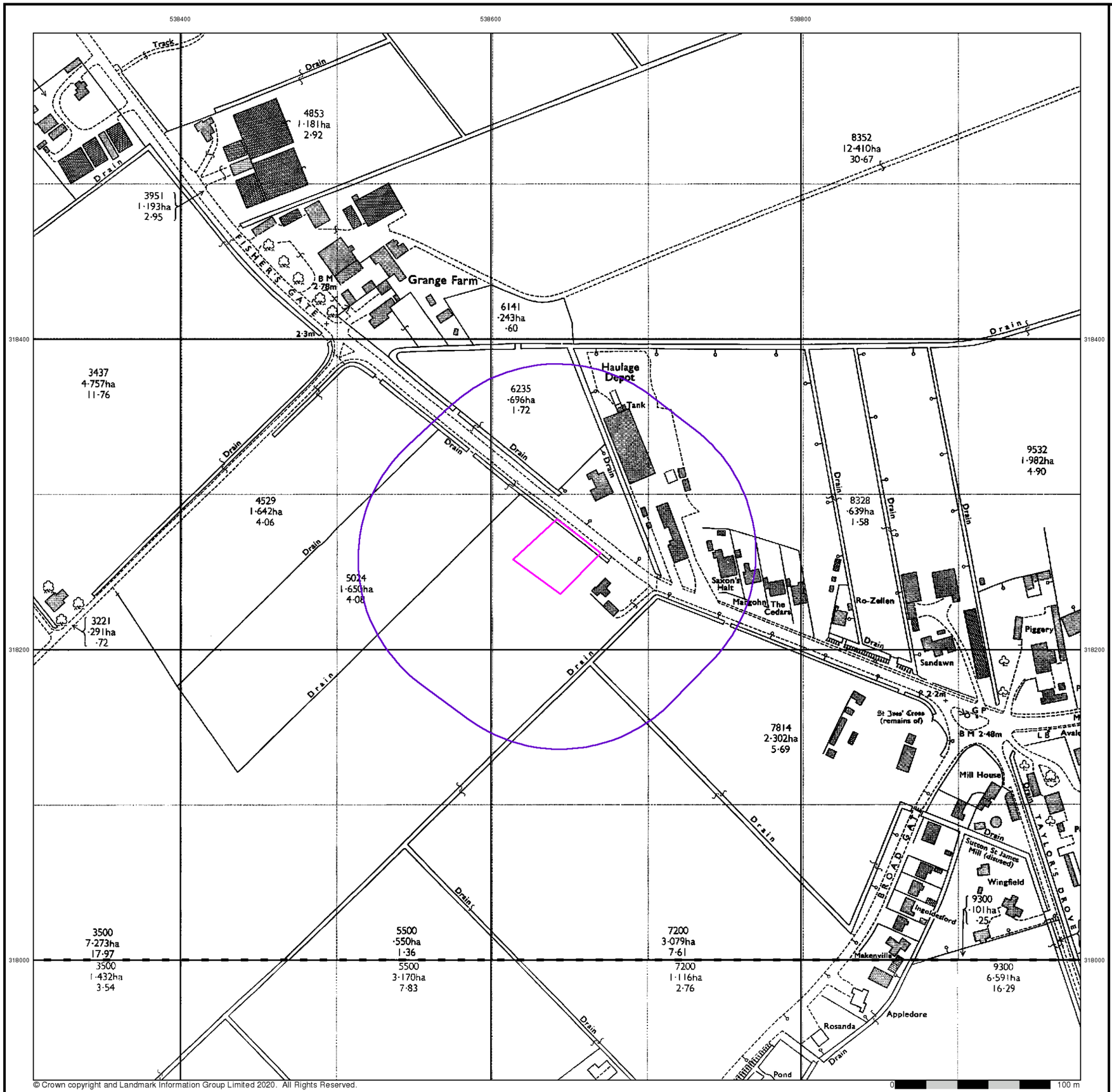
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Ordnance Survey Plan

Published 1975

Source map scale - 1:2,500

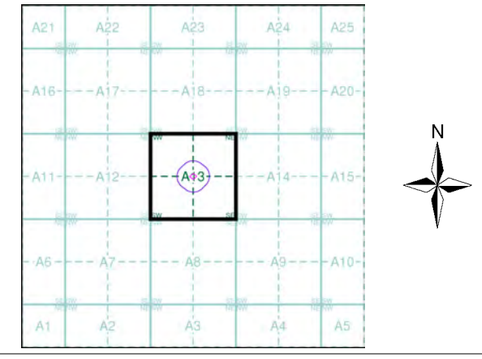
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

TF3818
1975
1:2,500

TF3817
1975
1:2,500

Historical Map - Segment A13



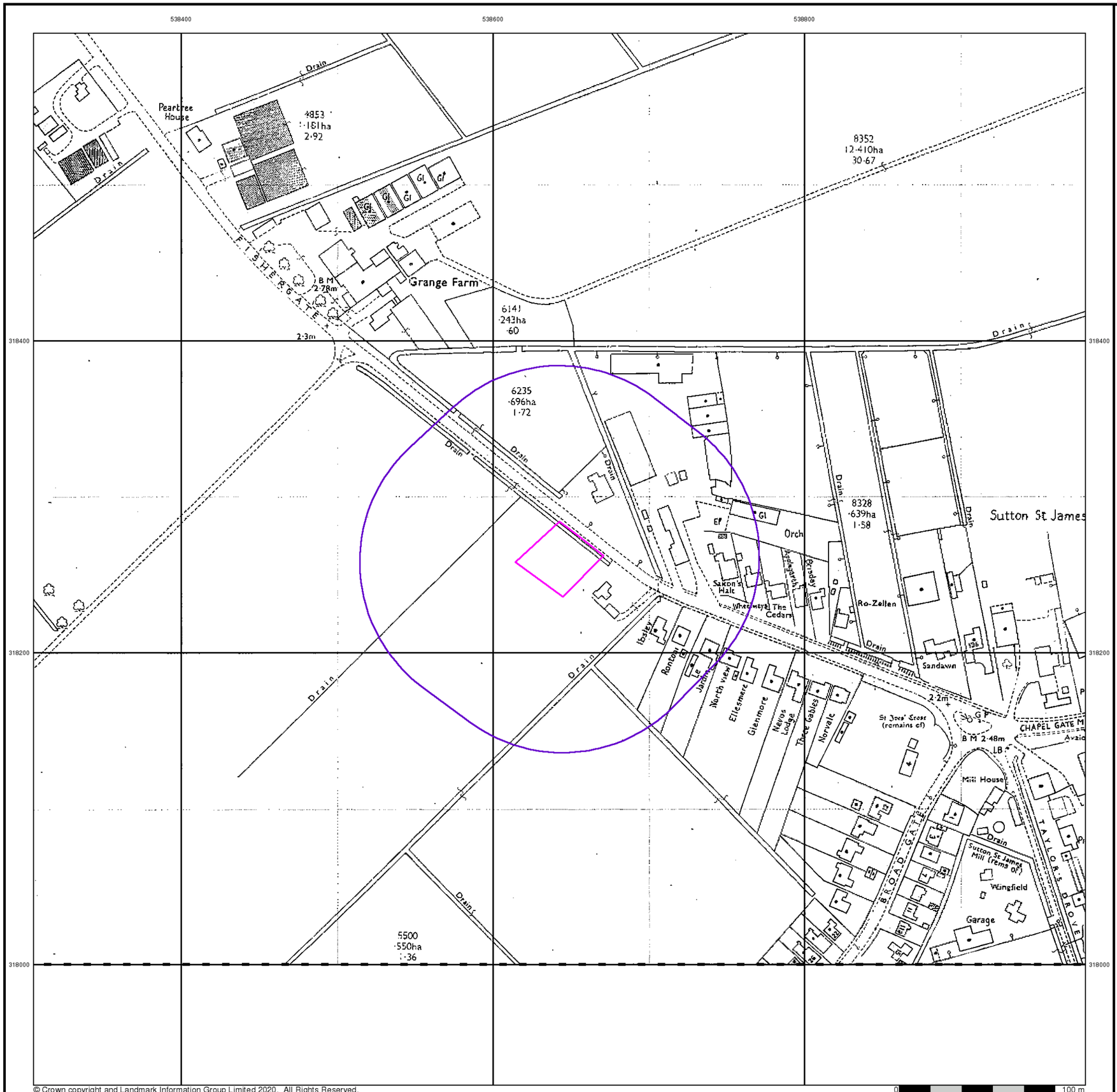
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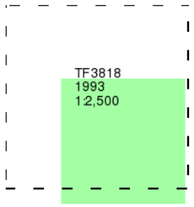
Additional SIMs

Published 1993

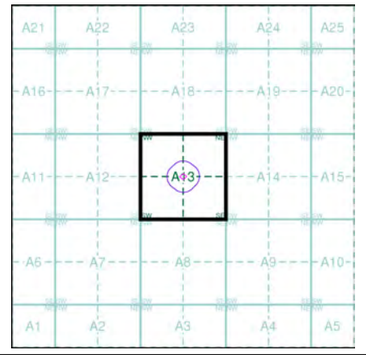
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



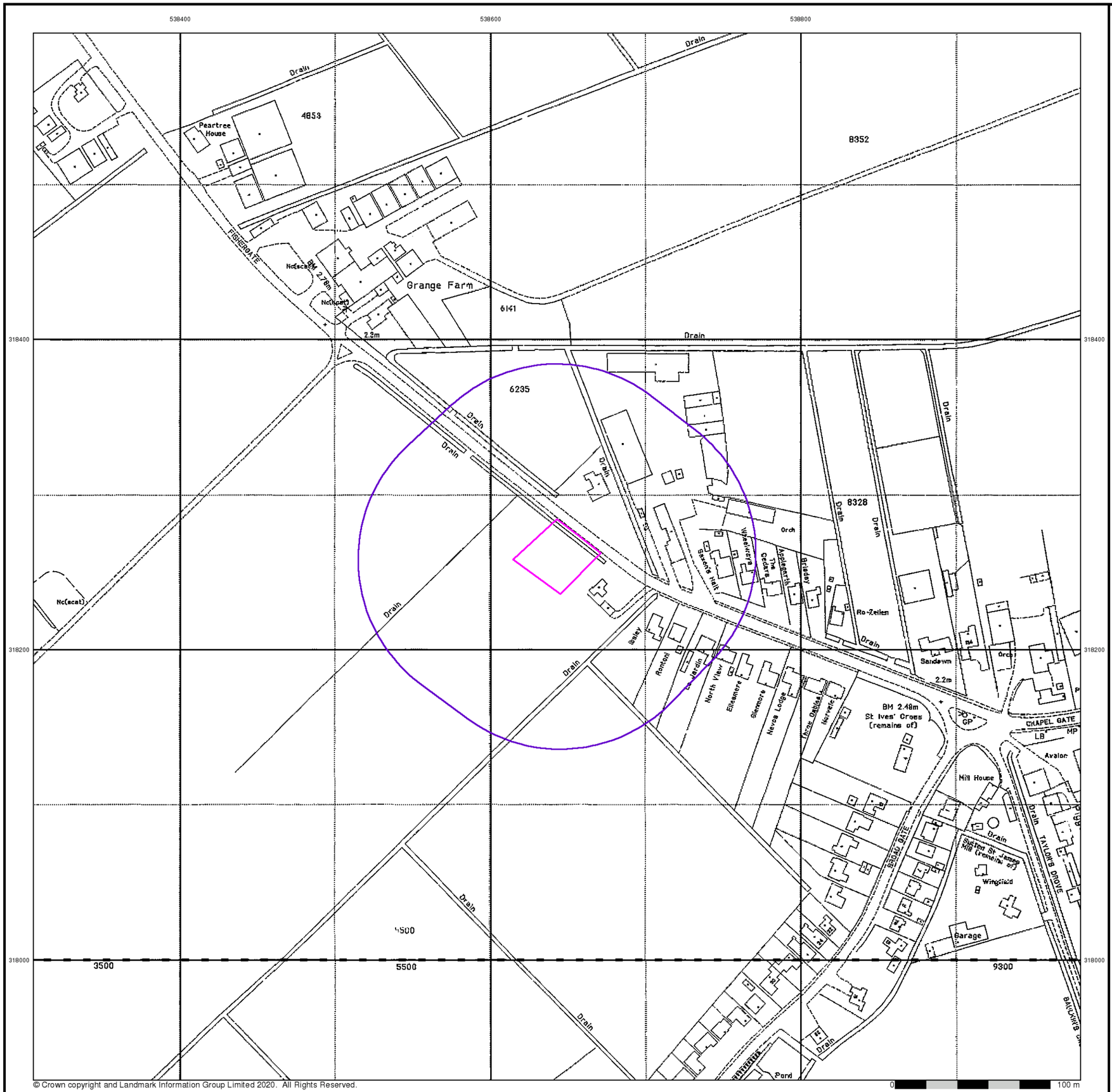
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Large-Scale National Grid Data

Published 1995

Source map scale - 1:2,500

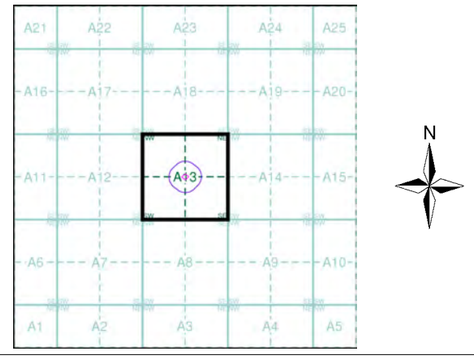
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

TF3818
1995
1:2,500

TF3817
1995
1:2,500

Historical Map - Segment A13



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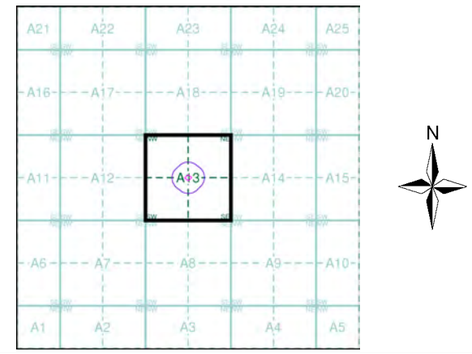
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Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



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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

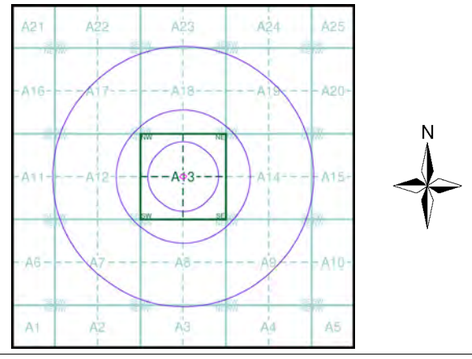
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community 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

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Cambridgeshire & Isle Of Ely	1:10,560	1887	2
Lincolnshire	1:10,560	1887	3
Cambridgeshire & Isle Of Ely	1:10,560	1905	4
Lincolnshire	1:10,560	1905	5
Lincolnshire	1:10,560	1905	6
Cambridgeshire & Isle Of Ely	1:10,560	1952	7
Lincolnshire	1:10,560	1952	8
Ordnance Survey Plan	1:10,000	1958	9
Ordnance Survey Plan	1:10,000	1979	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2020	13

Historical Map - Slice A



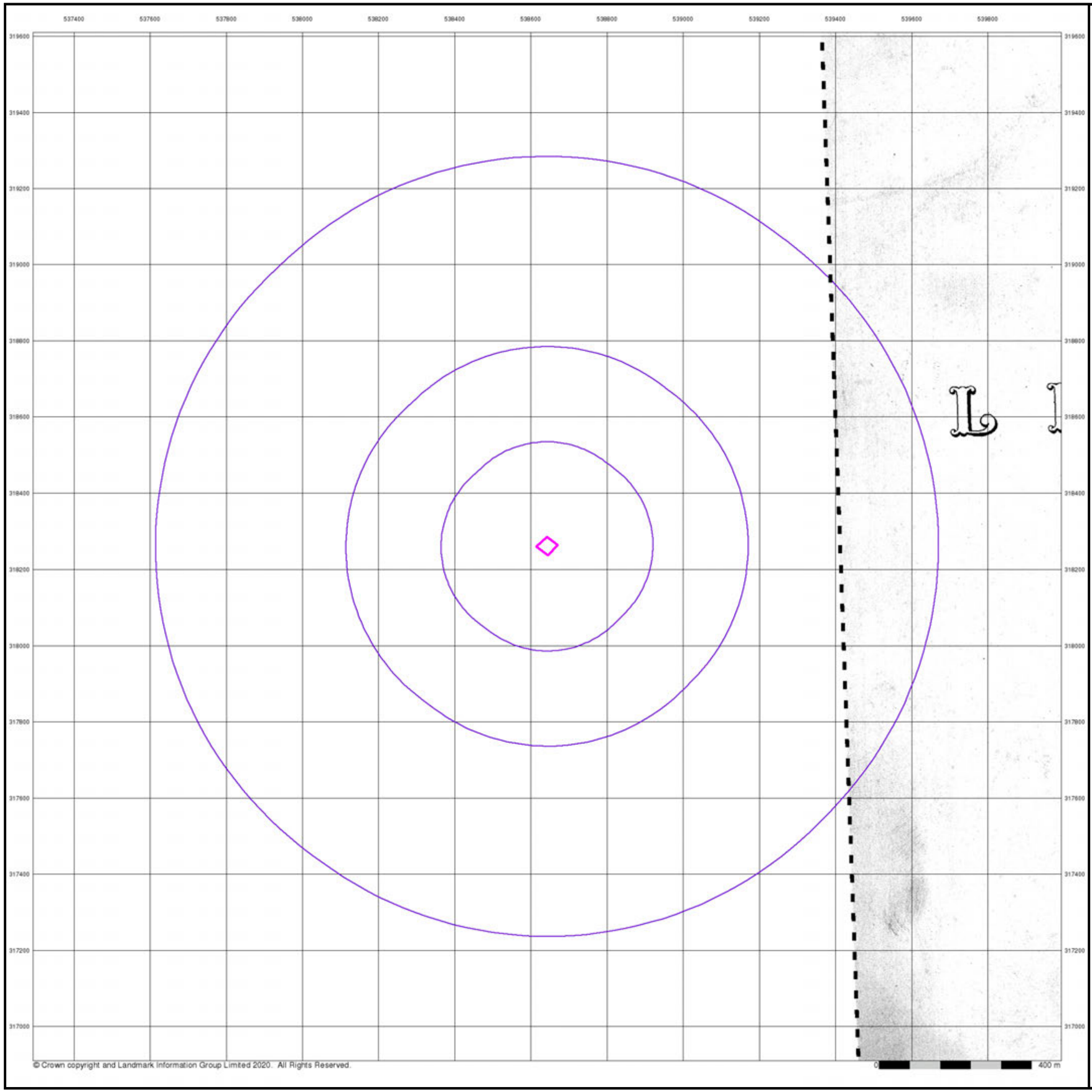
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Slice:	A
Site Area (Ha):	0.14
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Site Details

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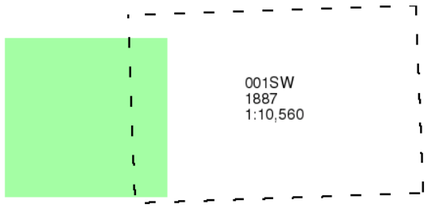
Cambridgeshire & Isle Of Ely

Published 1887

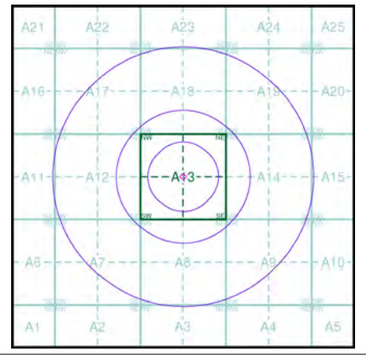
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

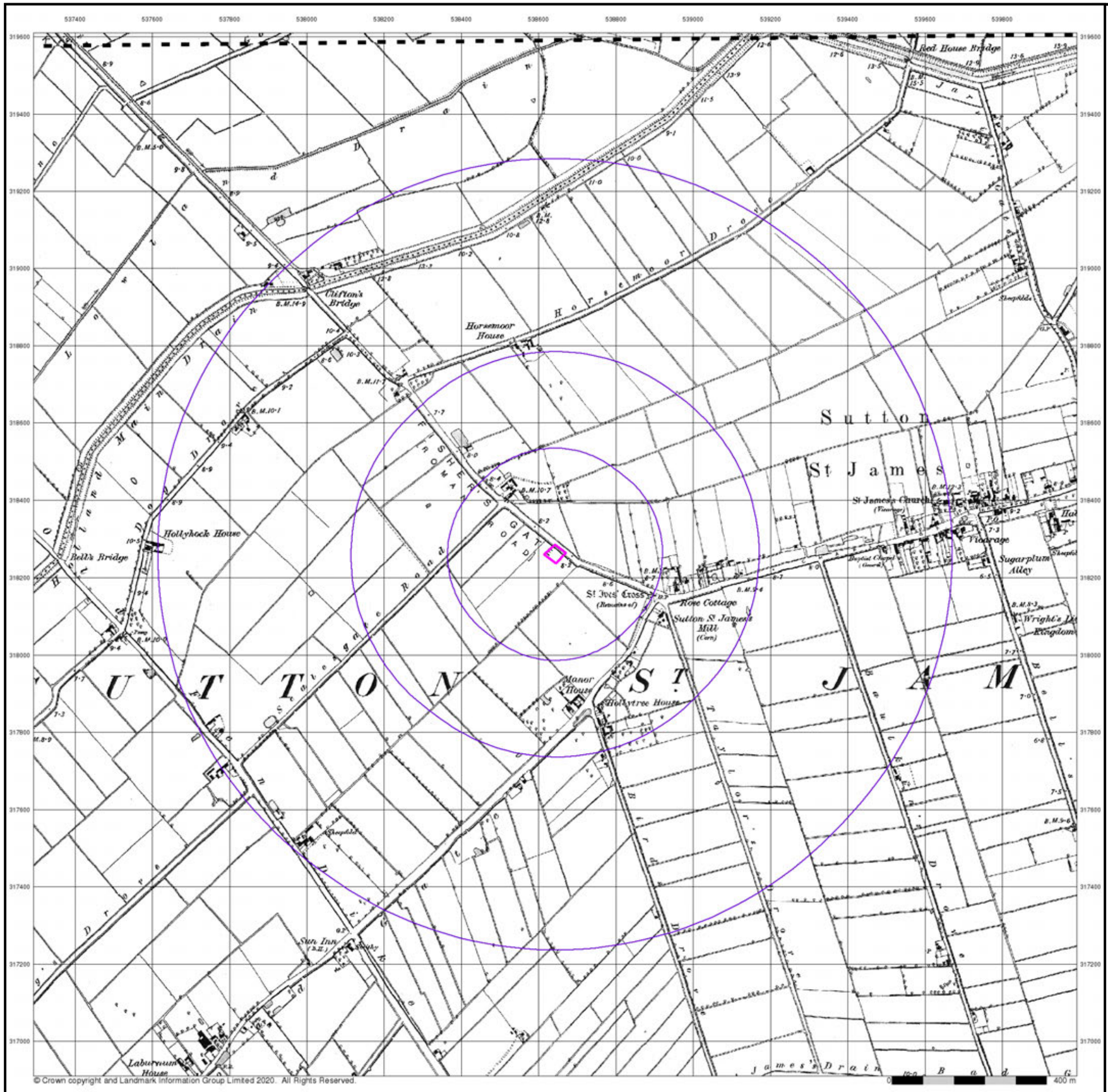
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Lincolnshire

Published 1887

Source map scale - 1:10,560

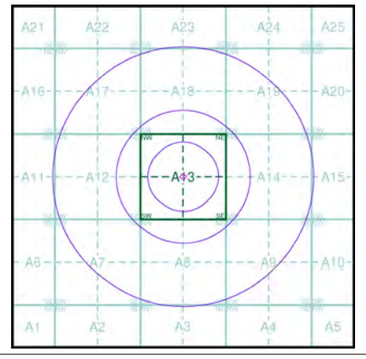
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Map Name(s) and Date(s)

143NE
1887
1:10,560

143SE
1887
1:10,560

Historical Map - Slice A



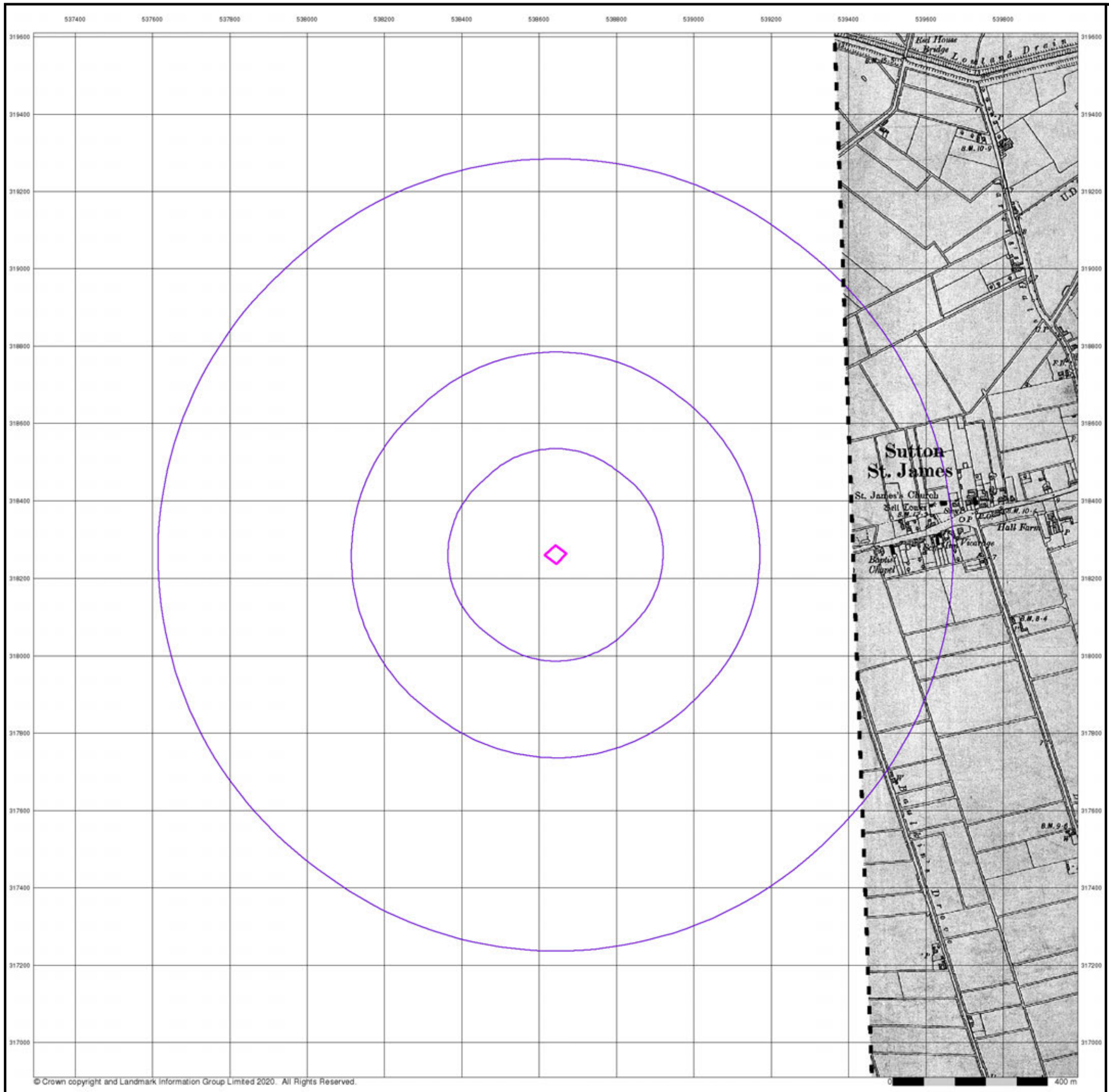
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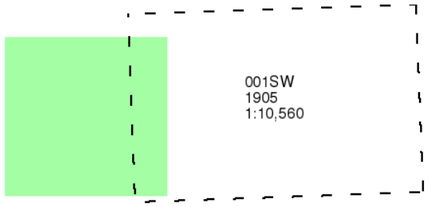
Cambridgeshire & Isle Of Ely

Published 1905

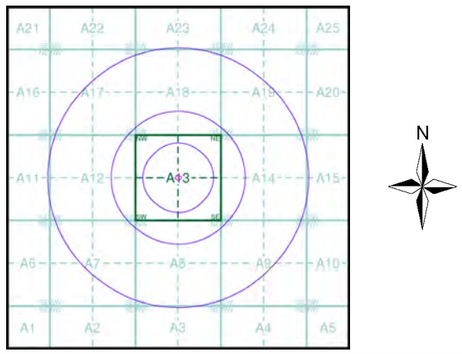
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

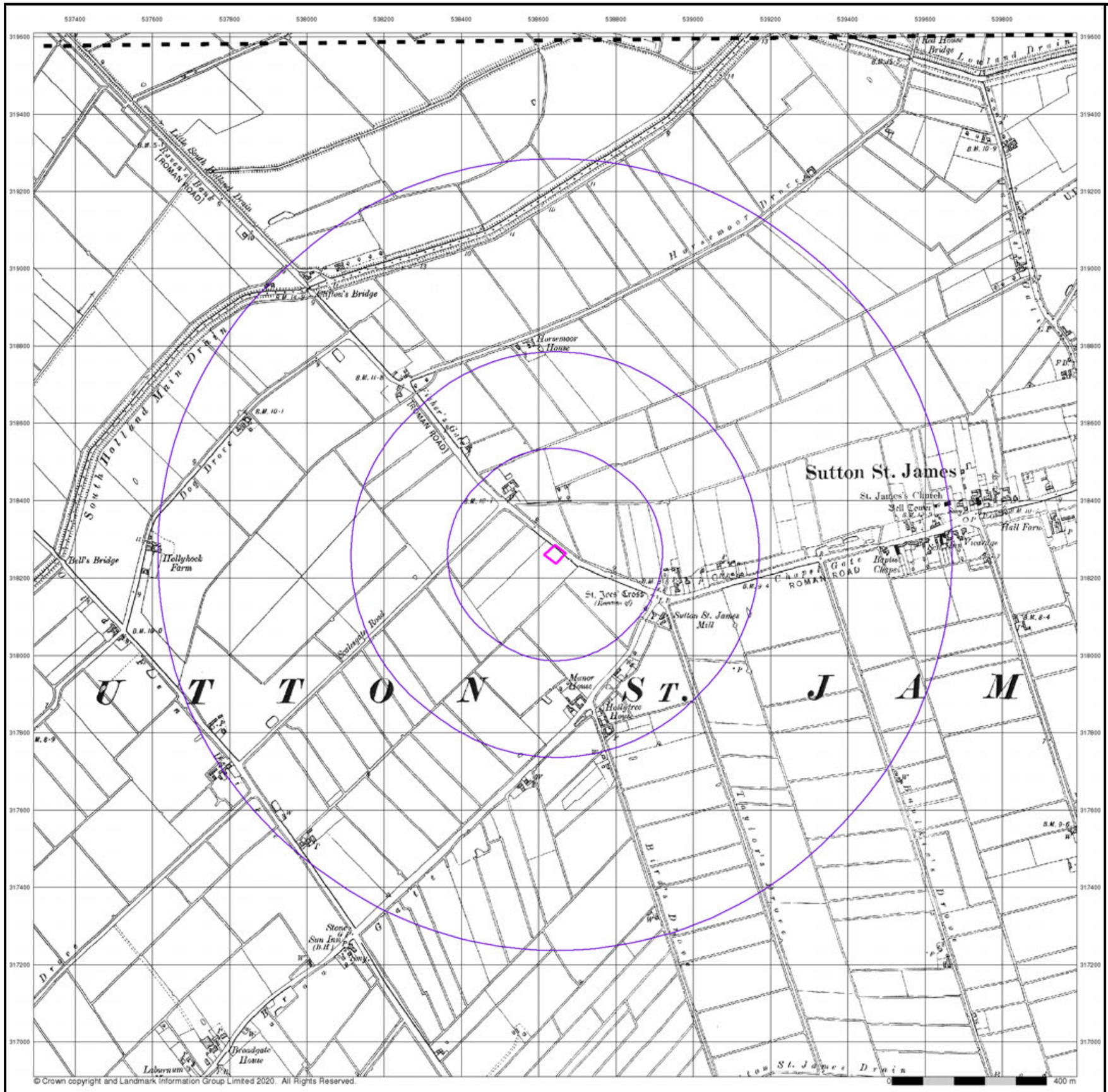
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Lincolnshire

Published 1905

Source map scale - 1:10,560

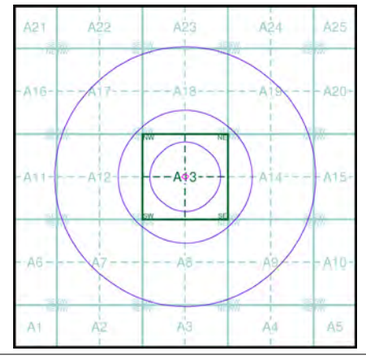
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Map Name(s) and Date(s)

143NE
1905
1:10,560

143SE
1905
1:10,560

Historical Map - Slice A

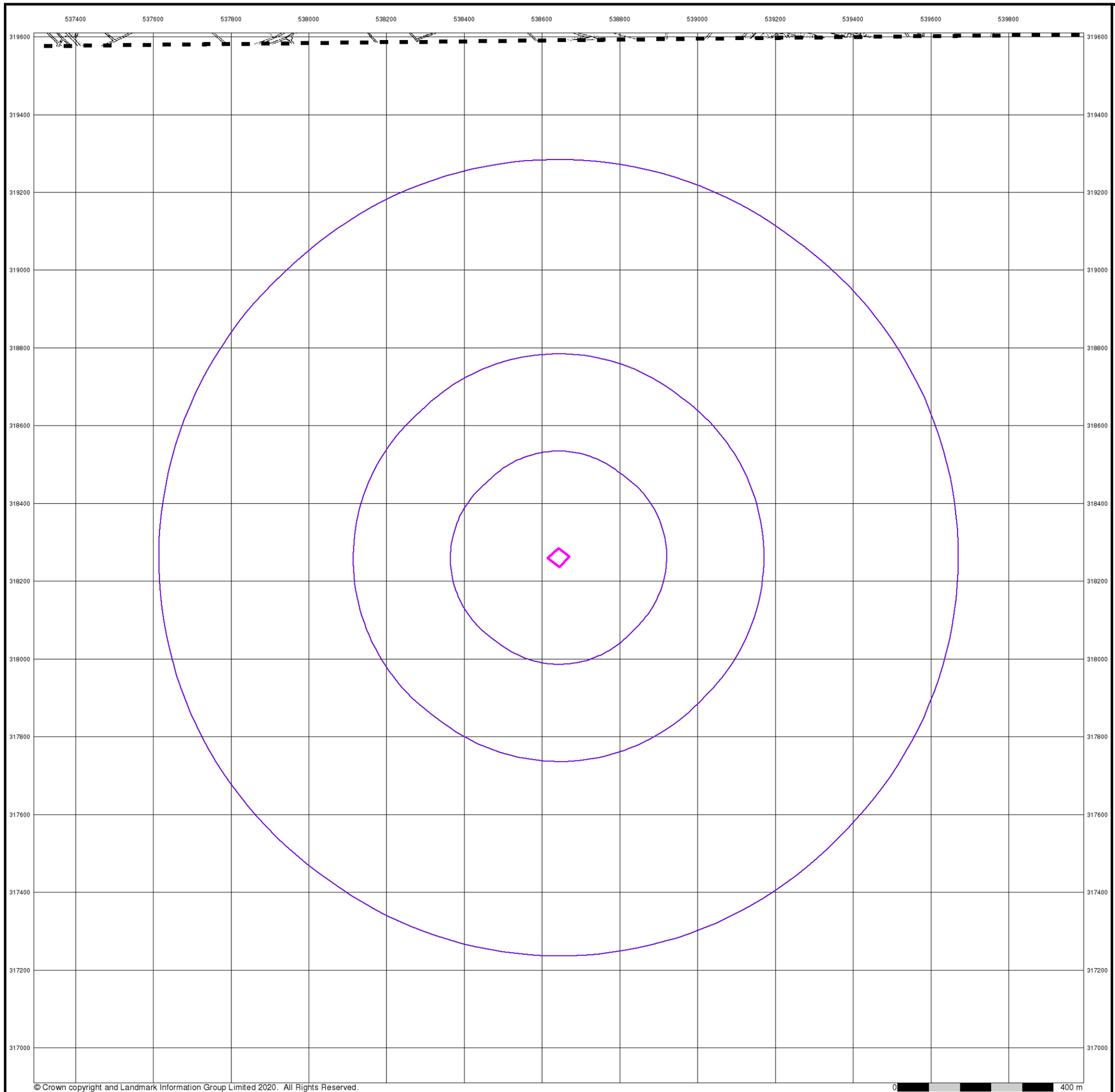


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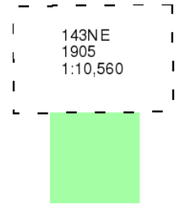
Lincolnshire

Published 1905

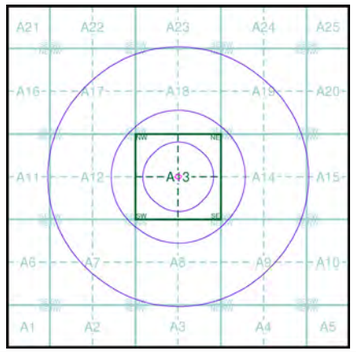
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

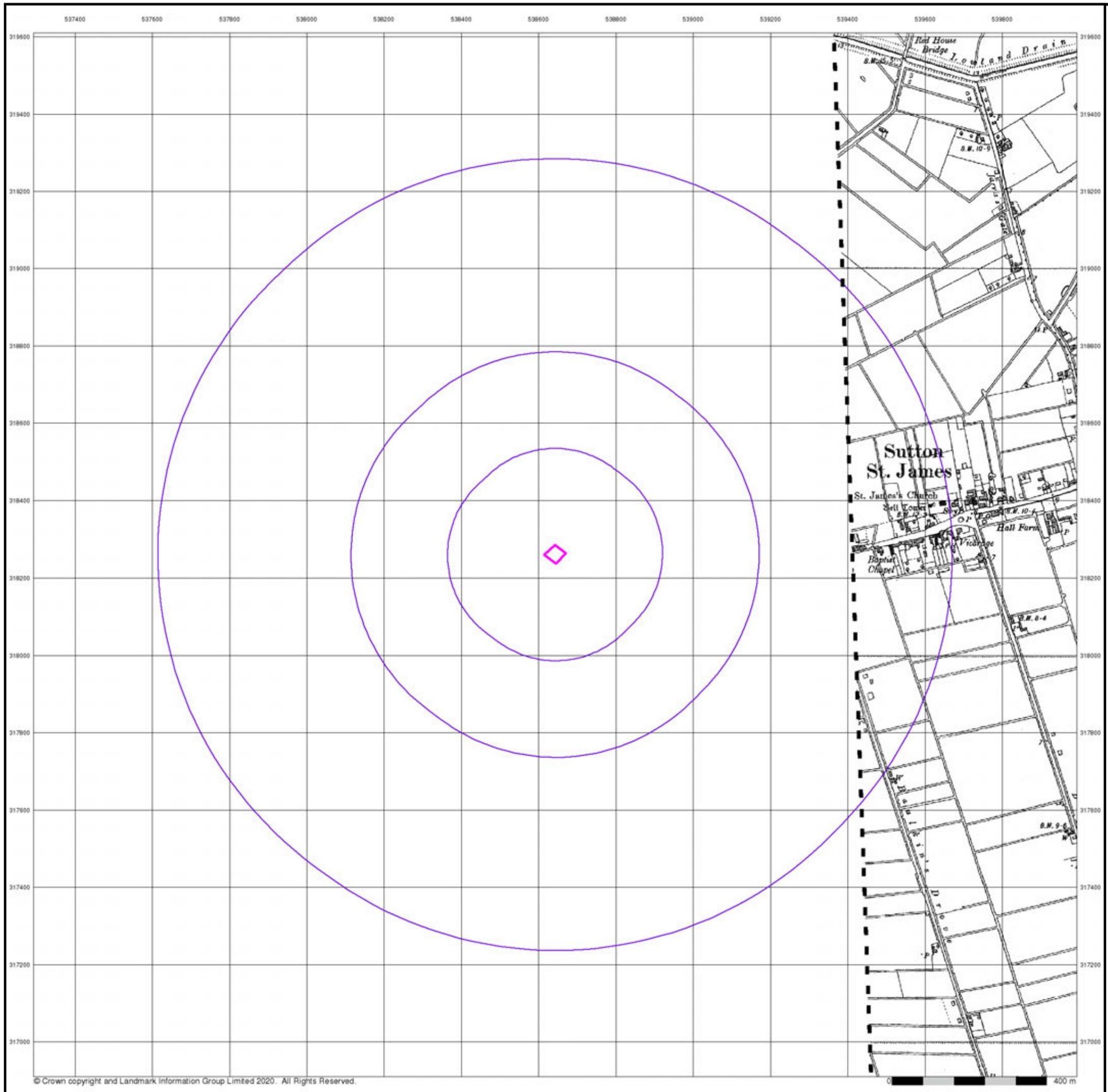
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Customer Ref:	2005001.001
National Grid Reference:	538640, 318260
Slice:	A
Site Area (Ha):	0.14
Search Buffer (m):	1000

Site Details

Land of FIshergate, Sutton St. James, Spalding, PE12 0EN

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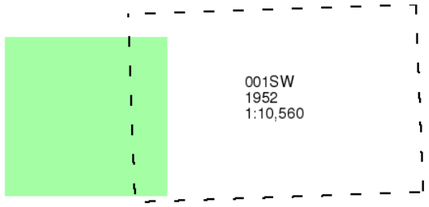
Cambridgeshire & Isle Of Ely

Published 1952

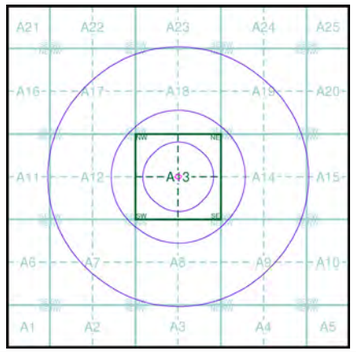
Source map scale - 1:10,560

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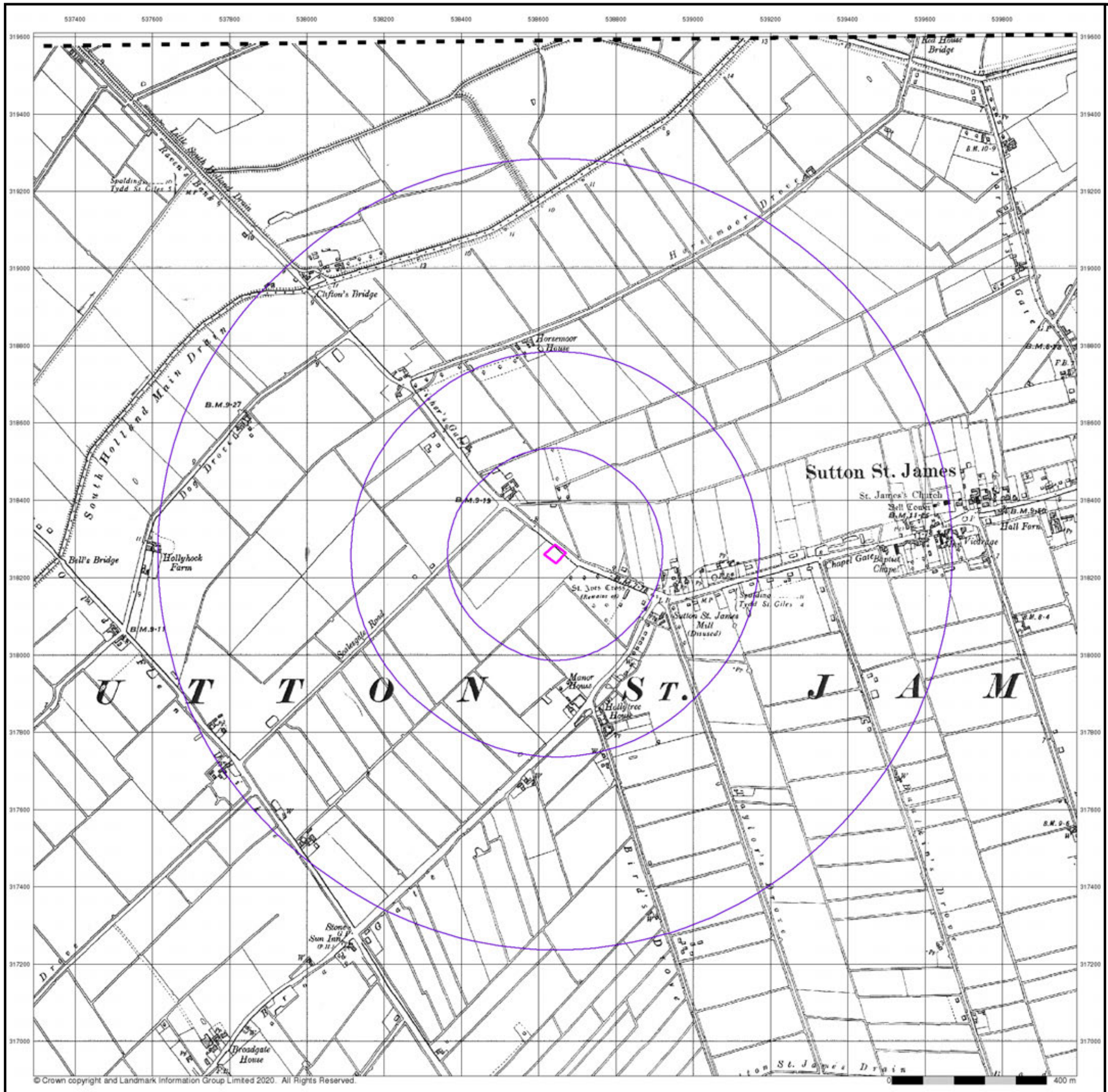
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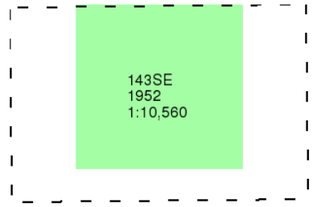
Lincolnshire

Published 1952

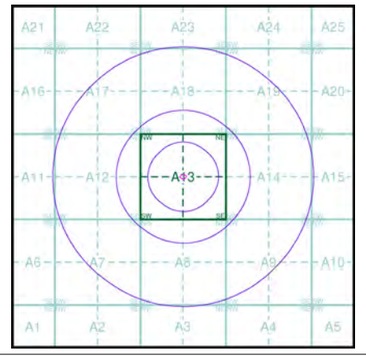
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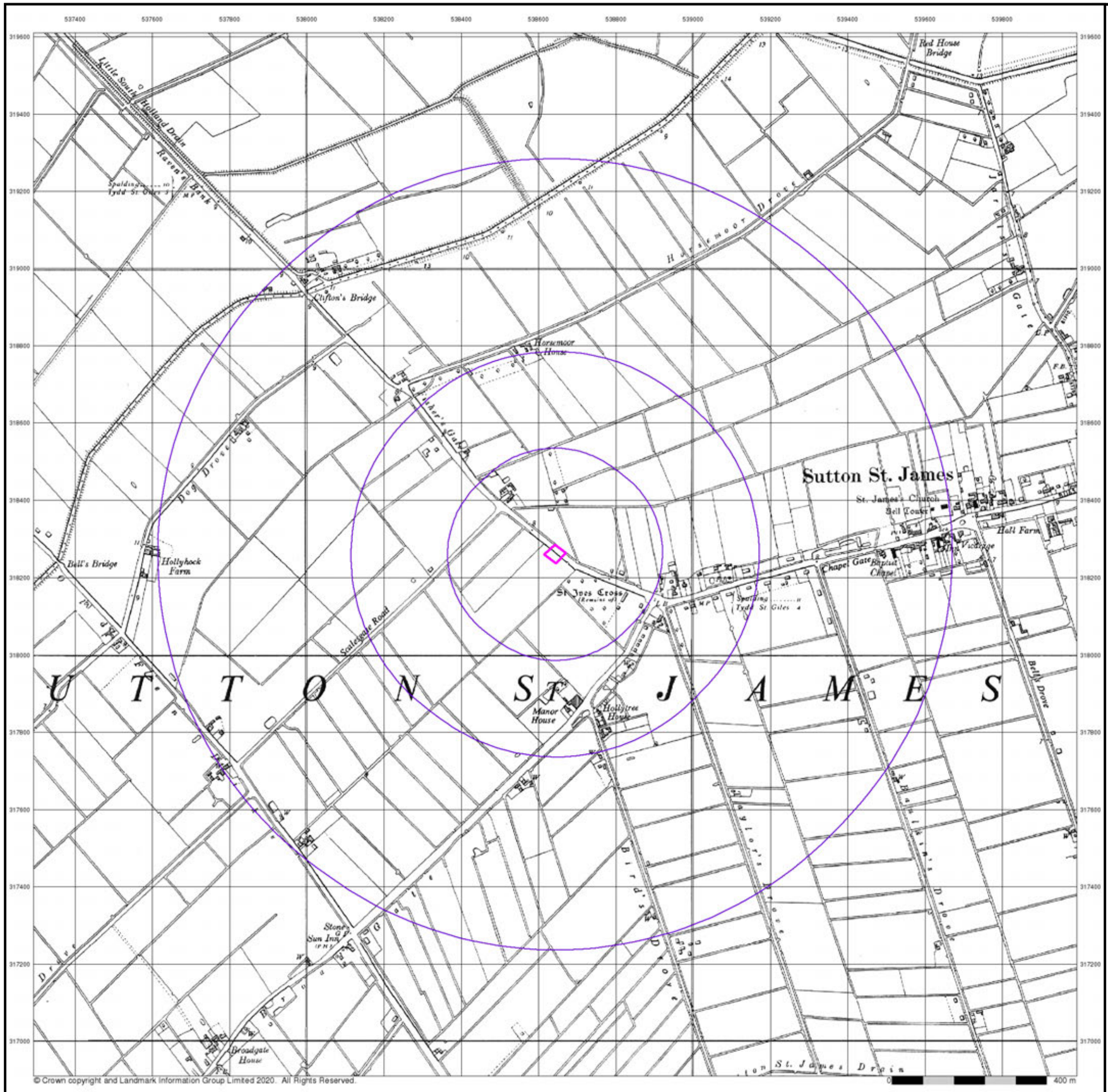


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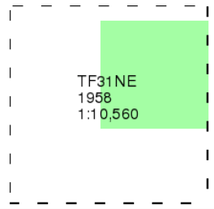
Ordnance Survey Plan

Published 1958

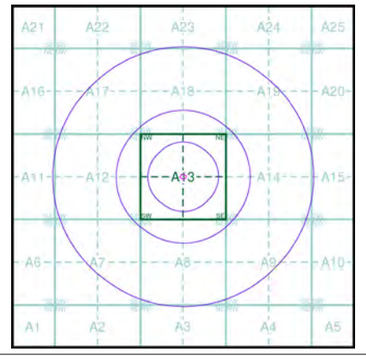
Source map scale - 1:10,000

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

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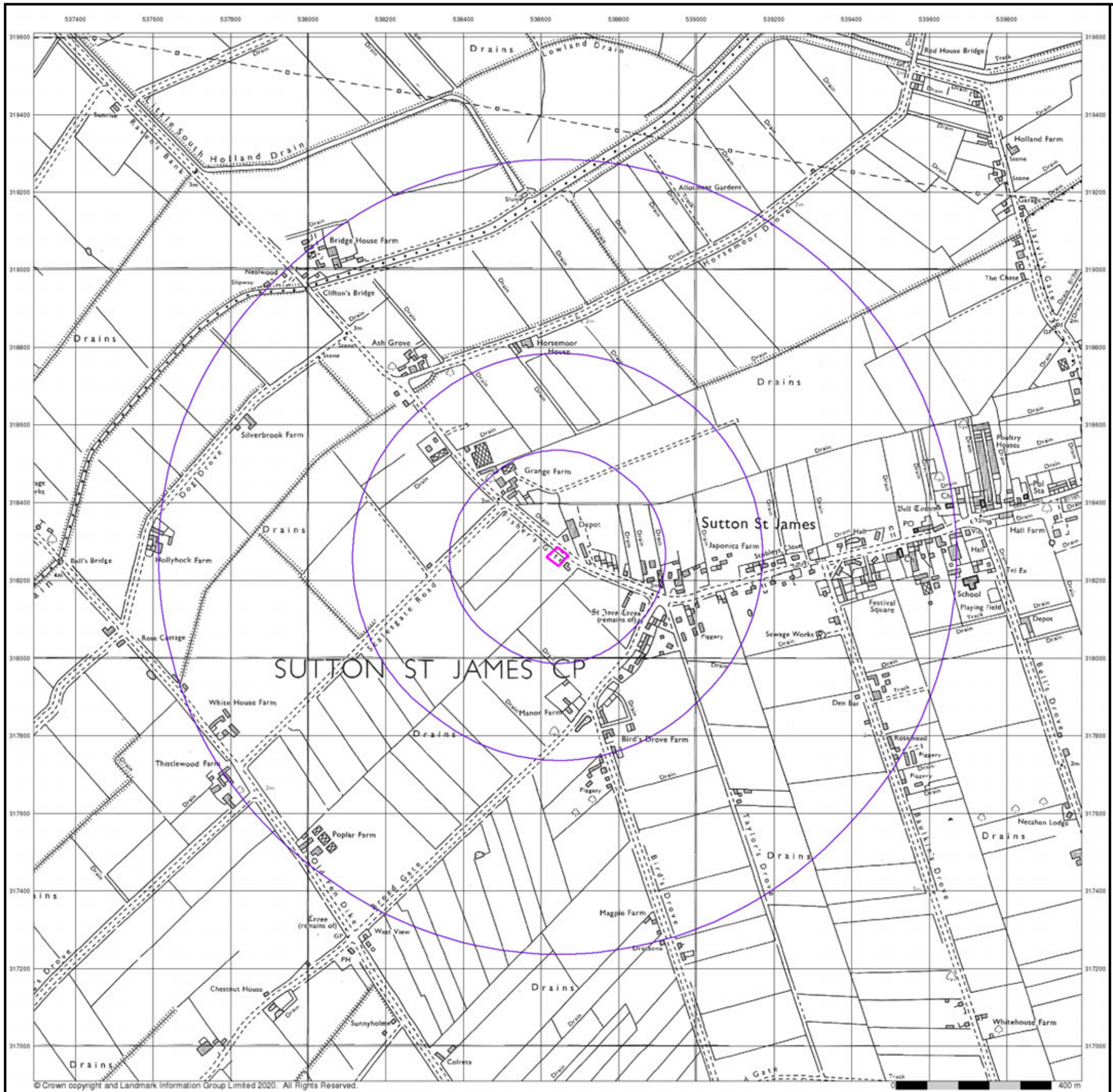


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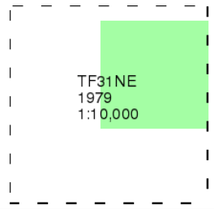
Ordnance Survey Plan

Published 1979

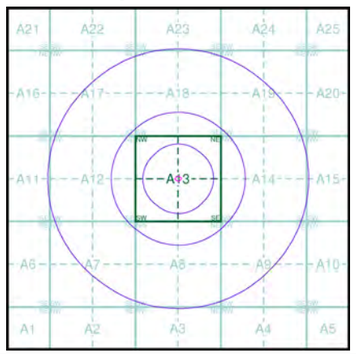
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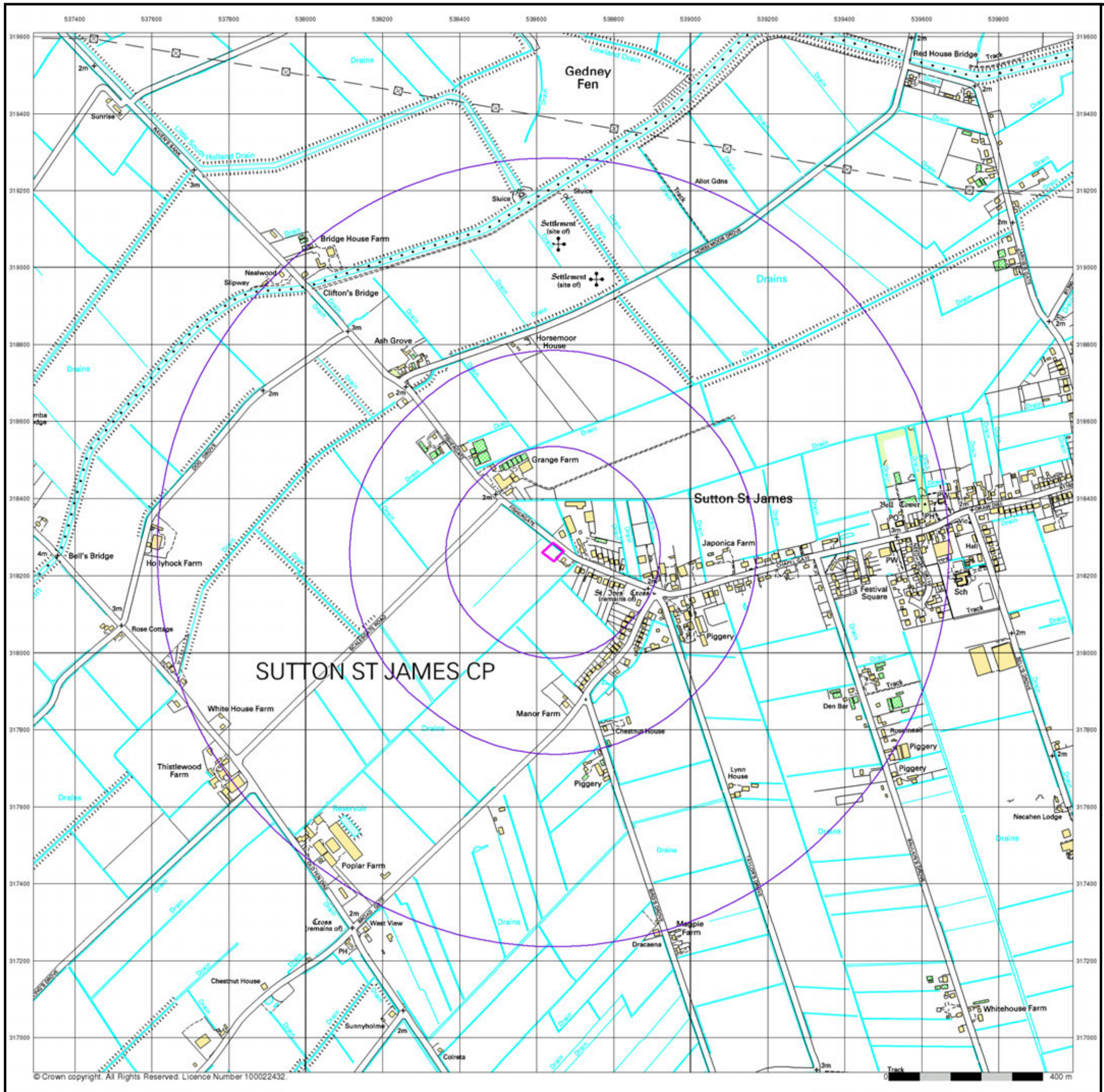
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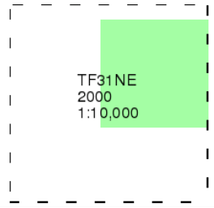
10k Raster Mapping

Published 2000

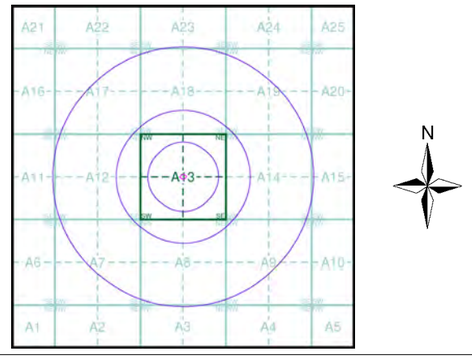
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

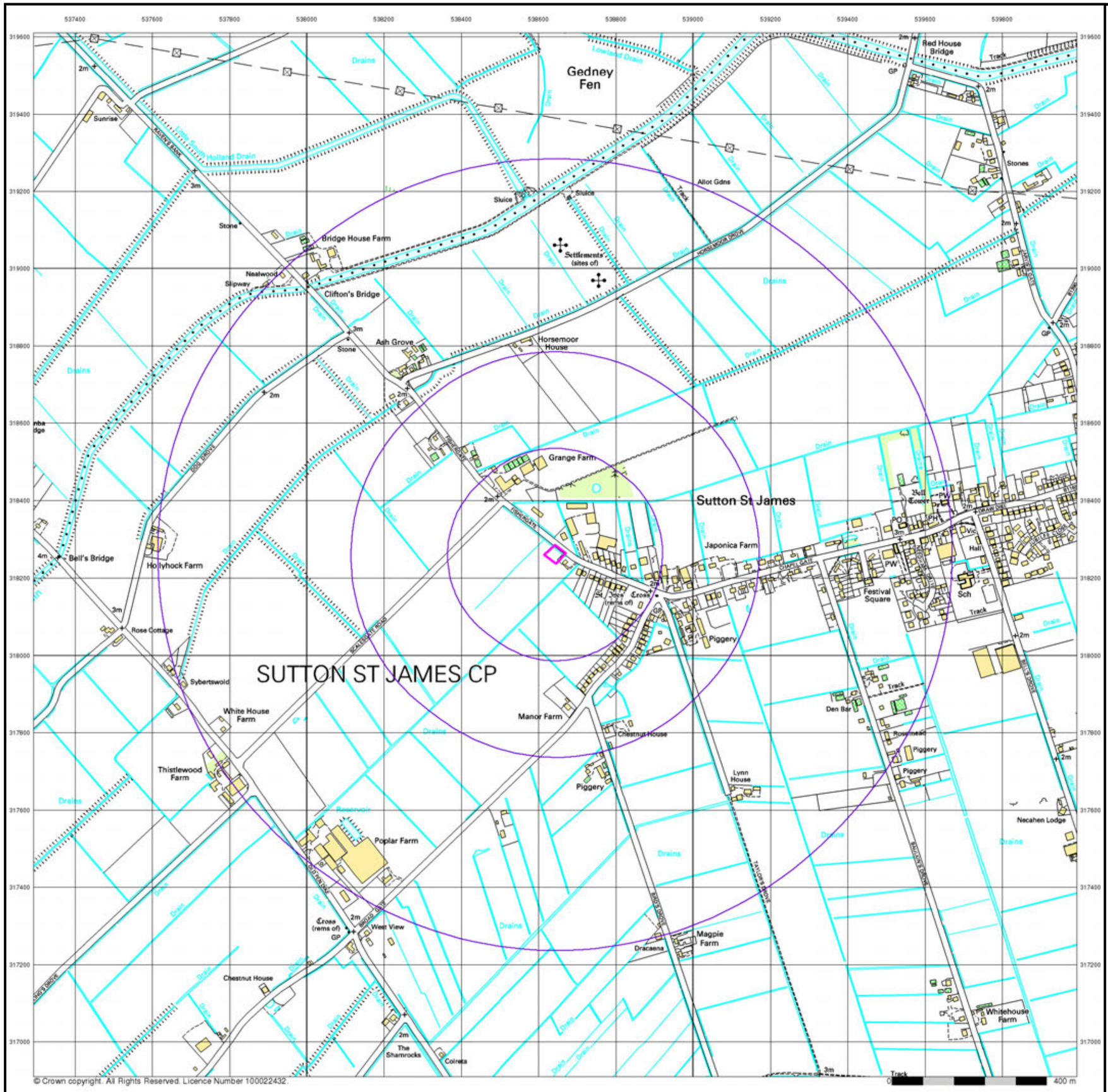


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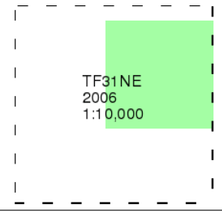
10k Raster Mapping

Published 2006

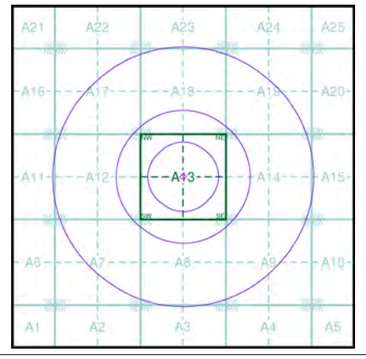
Source map scale - 1:10,000

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Site Details

Land of FIshergate, Sutton St. James, Spalding, PE12 0EN

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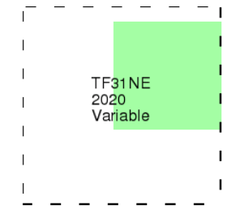
VectorMap Local

Published 2020

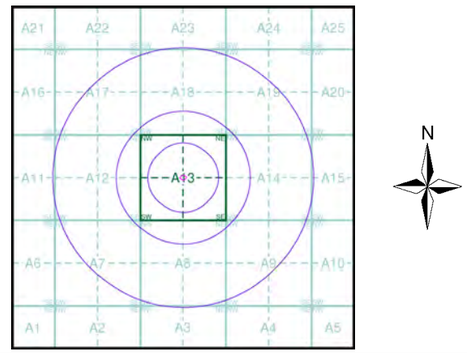
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



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Site Details

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Appendix C

Envirocheck®

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
243727539_1_1

Customer Reference:
2005001.001

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538640, 318260

Slice:
A

Site Area (Ha):
0.14

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1000

Site Details:

Land of FIshergate
Sutton St. James
Spalding
PE12 0EN

Client Details:

Mr T .
Tweedie Evans Consulting Ltd
The Old Chapel
35a Southover
Wells
Somerset
BA5 1UH

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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	52
Hazardous Substances	53
Geological	54
Industrial Land Use	55
Sensitive Land Use	-
Data Currency	58
Data Suppliers	64
Useful Contacts	65

Introduction

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

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Report Version v53.0

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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					n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		14	19	37
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 18				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 18	Yes			
Pollution Incidents to Controlled Waters	pg 18		1		5
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 19				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 20				1
Substantiated Pollution Incident Register	pg 20				1
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 21	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 21	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 21	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 21	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 21	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 21	1	24	41	204

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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	pg 52			2	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 52	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 52				2
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 53				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 53				1
Planning Hazardous Substance Enforcements					

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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 54	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 54	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				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 54	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 54	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 54	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 54	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 55		1		4
Fuel Station Entries	pg 55				1
Points of Interest - Commercial Services	pg 55		1		
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 55		2	9	7
Points of Interest - Public Infrastructure	pg 57				11
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

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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					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Mrs E L Robinson Property Type: Not Supplied Location: Plot 3, Fishgate, Sutton St. James Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5237 Permit Version: 1 Effective Date: 19th November 1986 Issued Date: 19th November 1986 Revocation Date: 17th September 1997 Discharge Type: Unknown Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	79	2	538710 318190
1	**Discharge Consents** Operator: Kings Quality Homes Property Type: Not Supplied Location: Flot 2, Fishgate, Sutton St. James Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5236 Permit Version: 1 Effective Date: 19th November 1986 Issued Date: 19th November 1986 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	93	2	538720 318180
2	**Discharge Consents** Operator: Kings Quality Homes Property Type: Not Supplied Location: Plot 1, Fishgate, Sutton St. James Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5235 Permit Version: 1 Effective Date: 19th November 1986 Issued Date: 19th November 1986 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	115	2	538740 318170
2	**Discharge Consents** Operator: David Drummond And Shirley Drummond Property Type: Not Supplied Location: Plot 2 Fishersgate, Sutton St James, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5486 Permit Version: 1 Effective Date: 5th February 1988 Issued Date: 5th February 1988 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	123	2	538770 318190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: David Drummond And Shirley Drummond Property Type: Not Supplied Location: Plot 3 Fishersgate, Sutton St James, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5487 Permit Version: 1 Effective Date: 5th February 1988 Issued Date: 5th February 1988 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	132	2	538780 318190
2	**Discharge Consents** Operator: V & N R Alfred Property Type: Domestic Property (Single) Location: Fishergate No.1 Fishergate, Sutton St James, Spalding, Lincs, Pe12 0en Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnlf00458 Permit Version: 1 Effective Date: 1st March 1989 Issued Date: 1st March 1989 Revocation Date: 24th April 1997 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	157	2	538810 318190
2	**Discharge Consents** Operator: Mr A & Mrs M E Whitehead Property Type: Domestic Property (Single) Location: Three Gables 3 Fishergate, Sutton St James, Spalding, Lincs, Pe12 0en Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnlf00456 Permit Version: 1 Effective Date: 1st March 1989 Issued Date: 1st March 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	162	2	538810 318180
2	**Discharge Consents** Operator: J H King & D O King (Partners) Property Type: Domestic Property (Single) Location: Fishergate, Sutton St James, Spalding, Lincs, Pe12 0en Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnlf00457 Permit Version: 1 Effective Date: 1st March 1989 Issued Date: 1st March 1989 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	168	2	538810 318170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Bambi Builders Property Type: Domestic Property (Multiple) Location: Broadgate Development Sutton St James, Spalding, Lincs, Pe12 0tn Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02418 Permit Version: 1 Effective Date: 2nd April 1990 Issued Date: 2nd April 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	249	2	538820 318060
3	**Discharge Consents** Operator: Bambi Builders Property Type: Domestic Property (Multiple) Location: Broadgate Development Sutton St James, Spalding, Lincs, Pe12 0tn Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02419 Permit Version: 1 Effective Date: 2nd April 1990 Issued Date: 2nd April 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	249	2	538820 318060
3	**Discharge Consents** Operator: Bambi Builders Property Type: Domestic Property (Multiple) Location: Broadgate Development Sutton St James, Spalding, Lincs, Pe12 0tn Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02420 Permit Version: 1 Effective Date: 2nd April 1990 Issued Date: 2nd April 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	249	2	538820 318060
3	**Discharge Consents** Operator: Bambi Builders Property Type: Domestic Property (Multiple) Location: Broadgate Development Sutton St James, Spalding, Lincs, Pe12 0tn Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02421 Permit Version: 1 Effective Date: 2nd April 1990 Issued Date: 2nd April 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	249	2	538820 318060

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Bambi Builders Property Type: Domestic Property (Multiple) Location: Broadgate Development Sutton St James, Spalding, Lincs, Pe12 0tn Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02422 Permit Version: 1 Effective Date: 2nd April 1990 Issued Date: 2nd April 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	249	2	538820 318060
3	**Discharge Consents** Operator: Bambi Builders Property Type: Domestic Property (Multiple) Location: Broadgate Development Sutton St James, Spalding, Lincs, Pe12 0tn Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02423 Permit Version: 1 Effective Date: 2nd April 1990 Issued Date: 2nd April 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	249	2	538820 318060
3	**Discharge Consents** Operator: J.L. Vere Esq. Property Type: Not Supplied Location: Plot 3 Broadgate Road, Sutton St James, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3895 Permit Version: 1 Effective Date: 13th June 1983 Issued Date: 13th June 1983 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	266	2	538800 318020
4	**Discharge Consents** Operator: John Ivor And Betty Irene Tansell Property Type: Not Supplied Location: Plot 2 Broadgate Road, Sutton St. James, Spalding Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5051 Permit Version: 1 Effective Date: 31st May 1985 Issued Date: 31st May 1985 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	275	2	538800 318010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: J.L. Vere Esq. Property Type: Not Supplied Location: Plot 2 Broadgate Road, Sutton St. James, Spalding Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3894 Permit Version: 1 Effective Date: 13th June 1983 Issued Date: 13th June 1983 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	275	2	538800 318010
4	**Discharge Consents** Operator: D. Brown (Building Contractors) Ltd. Property Type: Not Supplied Location: House At Plot3 Broadgate, Sutton St James, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3921 Permit Version: 1 Effective Date: 3rd February 1984 Issued Date: 3rd February 1984 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	291	2	538800 317990
4	**Discharge Consents** Operator: D. Brown (Building Contractors) Ltd. Property Type: Not Supplied Location: House At Plot4 Broadgate, Sutton St James, Spalding, Lincs, Pe12 6dq Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3922 Permit Version: 1 Effective Date: 3rd February 1984 Issued Date: 3rd February 1984 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	295	2	538790 317980
5	**Discharge Consents** Operator: Mr D & Mrs S Fritchley Property Type: Domestic Property (Single) Location: Broadgate No.34 Broadgate, Sutton St James, Spalding, Pe12 0el Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02184 Permit Version: 1 Effective Date: 19th January 1990 Issued Date: 19th January 1990 Revocation Date: 16th July 1997 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (S)	308	2	538730 317940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Mr & Mrs K R Hale Property Type: Domestic Property (Single) Location: Bereowa, 37 Broadgate Broadgate, Sutton St James, Spalding, Pe12 0el Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02186 Permit Version: 1 Effective Date: 19th January 1990 Issued Date: 19th January 1990 Revocation Date: 17th July 1997 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (S)	316	2	538720 317930
5	**Discharge Consents** Operator: Mr R L Pedwell Property Type: Domestic Property (Single) Location: Livesey, 36 Broadgate Broadgate, Sutton St James, Spalding, Pe12 0el Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02185 Permit Version: 1 Effective Date: 19th January 1990 Issued Date: 19th January 1990 Revocation Date: 17th July 1997 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (S)	316	2	538720 317930
5	**Discharge Consents** Operator: Mr & Mrs Moore Property Type: Domestic Property (Single) Location: Mayesbrook 42 Broadgate, Sutton St James, Spalding, Lincs, Pe12 0js Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnlf02188 Permit Version: 1 Effective Date: 22nd January 1990 Issued Date: 22nd January 1990 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Land **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (S)	324	2	538727 317923
6	**Discharge Consents** Operator: Mr & Mrs M Hales Property Type: Domestic Property (Single) Location: 11 Broadgate Broadgate, Sutton St James, Spalding, Lincolnshire, Pe12 0el Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf12747 Permit Version: 1 Effective Date: 8th April 2002 Issued Date: 24th April 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Bad Gate Drain **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	313	2	538880 318030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: J.L. Vere Esq. Property Type: Not Supplied Location: House At Broadgate Road Sutton St James, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf3883 Permit Version: 1 Effective Date: 17th February 1983 Issued Date: 17th February 1983 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	348	2	538900 318000
7	**Discharge Consents** Operator: Mr & Mrs C E Noble Property Type: Domestic Property (Single) Location: Mayesbrook 42 Broadgate, Sutton St James, Spalding, Lincs, Pe12 0js Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02187 Permit Version: 1 Effective Date: 19th January 1990 Issued Date: 19th January 1990 Revocation Date: 17th July 1997 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NE (S)	321	2	538700 317920
7	**Discharge Consents** Operator: Kings Quality Homes Property Type: Domestic Property (Single) Location: Broadgate Plot 1 Broadgate, Sutton St James, Spalding, Lincs, Pe12 0js Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnlf03080 Permit Version: 1 Effective Date: 20th July 1990 Issued Date: 20th July 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NE (S)	361	2	538700 317880
7	**Discharge Consents** Operator: Kings Quality Homes Property Type: Domestic Property (Single) Location: Broadgate Plot 2 Broadgate, Sutton St James, Spalding, Lincs, Pe12 0js Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnlf03081 Permit Version: 1 Effective Date: 20th July 1990 Issued Date: 20th July 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status:** **Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NE (S)	361	2	538700 317880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Kings Quality Homes Property Type: Domestic Property (Single) Location: Broadgate Plot 3 Broadgate, Sutton St James, Spalding, Lincs, Pe12 0js Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf03082 Permit Version: 1 Effective Date: 20th July 1990 Issued Date: 20th July 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NE (S)	361	2	538700 317880
8	**Discharge Consents** Operator: Kings Quality Homes Property Type: Not Supplied Location: Plot 1 Broadgate, Sutton St James, Spalding, Pe12 0tn Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf02189 Permit Version: 1 Effective Date: 22nd January 1990 Issued Date: 22nd January 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A8NE (S)	326	2	538650 317910
9	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Chapel Gate Plot 1 Chapel Gate, Sutton St James, Lincolnshire, Pe12 0ef Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf01551 Permit Version: 1 Effective Date: 8th August 1989 Issued Date: 8th August 1989 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A14SW (E)	393	2	539050 318160
9	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Chapel Gate Plot 1 Chapel Gate, Sutton St James, Lincolnshire, Pe12 0ef Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnlf01552 Permit Version: 1 Effective Date: 8th August 1989 Issued Date: 8th August 1989 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A14SW (E)	393	2	539050 318160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Discharge Consents** Operator: Mr Stephen Sutton Property Type: Domestic Property (Single) Location: Chapelgate No.129 Sutton St James, Spalding, Lincolnshire, -, Pe12 0ef Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18549 Permit Version: 1 Effective Date: 3rd June 2006 Issued Date: 7th June 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Baulkins Drove Drain **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SW (E)	427	2	539086 318166
10	**Discharge Consents** Operator: Mr Darren Hall Property Type: Domestic Property (Single) Location: New House Adj To No. 90 Chapelgate, Sutton St James, Lincolnshire, -, Pe12 0ee Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prnnf/18528 Permit Version: 1 Effective Date: 10th March 2006 Issued Date: 10th March 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Drain G11 - Sutton St James Dn **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14NE (E)	650	2	539320 318290
11	**Discharge Consents** Operator: South Holland D.C. Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Sewage Works Baulkins Drove & Chapel Gate, Sutton St. James, Lincs. Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5nf526 Permit Version: 1 Effective Date: 16th March 1970 Issued Date: 16th March 1970 Revocation Date: 26th February 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Sutton St. James Drain **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	694	2	539340 318080
11	**Discharge Consents** Operator: Kitchen Plus (Holbeach) Limited Property Type: Domestic Property (Single) Location: Baulkins Drove No.38 Sutton St James, Spalding, Lincolnshire, Pe12 0jx Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd008506 Permit Version: 1 Effective Date: 14th July 2009 Issued Date: 14th July 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Drn Ldng To Sth Holland Mn Drn **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	539356 318059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Discharge Consents** Operator: Kitchen Plus (Holbeach) Limited Property Type: Domestic Property (Single) Location: Baulkins Drove No.40 Sutton St. James, Spalding, Lincolnshire, Pe12 0jx Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd008507 Permit Version: 1 Effective Date: 14th July 2009 Issued Date: 14th July 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Drn Ldng To Sth Holland Mn Drn **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	539356 318059
11	**Discharge Consents** Operator: Kitchen Plus (Holbeach) Limited Property Type: Domestic Property (Single) Location: Baulkins Drove No.42 Sutton St. James, Spalding, Lincolnshire, Pe12 Ojx Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd008508 Permit Version: 1 Effective Date: 14th July 2009 Issued Date: 14th July 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Drn Ldng To Sth Holland Mn Drn **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	539356 318059
11	**Discharge Consents** Operator: Kitchen Plus (Holbeach) Limited Property Type: Domestic Property (Single) Location: Baulkins Drove No.44 Sutton St. James, Spalding, Lincolnshire, Pe12 0jx Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd008509 Permit Version: 1 Effective Date: 14th July 2009 Issued Date: 14th July 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Drn Ldng To Sth Holland Mn Drn **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	539356 318059
11	**Discharge Consents** Operator: Kitchen Plus (Holbeach) Limited Property Type: Domestic Property (Single) Location: Baulkins Drove No.46 Sutton St James, Spalding, Lincolnshire, Pe12 0jx Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd008510 Permit Version: 1 Effective Date: 14th July 2009 Issued Date: 14th July 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Drn Ldng To Sth Holland Mn Drn **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	539356 318059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Discharge Consents** Operator: Kitchen Plus (Holbeach) Limited Property Type: Domestic Property (Single) Location: Baulkins Drove No.48 Sutton St. James, Spalding, Lincolnshire, Pe12 0jx Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd008511 Permit Version: 1 Effective Date: 14th July 2009 Issued Date: 14th July 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Drn Ldng To Sth Holland Mn Drn **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	715	2	539356 318059
12	**Discharge Consents** Operator: South Holland D.C. Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Sutton St.James Stw, Spalding, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5nf184 Permit Version: 1 Effective Date: 10th March 1961 Issued Date: 10th March 1961 Revocation Date: 21st December 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	732	2	539400 318200
13	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Baulkins Drove Plots 1-8 Baulkins Drove, Sutton St James, Spalding, Lincs, Pe12 0jt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18650 Permit Version: 1 Effective Date: 21st August 2006 Issued Date: 6th October 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Nene **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	828	2	539433 317940
13	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Baulkins Drove Plots 1-8 Baulkins Drove, Sutton St James, Spalding, Lincs, Pe12 0jt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18651 Permit Version: 1 Effective Date: 21st August 2006 Issued Date: 6th October 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Nene **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	828	2	539433 317940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Baulkins Drove Plots 1-8 Baulkins Drove, Sutton St James, Spalding, Lincs, Pe12 0jt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18652 Permit Version: 1 Effective Date: 21st August 2006 Issued Date: 6th October 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Nene **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	828	2	539433 317940
13	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Baulkins Drove Plots 1-8 Baulkins Drove, Sutton St James, Spalding, Lincs, Pe12 0jt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18653 Permit Version: 1 Effective Date: 21st August 2006 Issued Date: 6th October 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Nene **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	828	2	539433 317940
13	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Baulkins Drove Plots 1-8 Baulkins Drove, Sutton St James, Spalding, Lincs, Pe12 0jt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18654 Permit Version: 1 Effective Date: 21st August 2006 Issued Date: 6th October 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Nene **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	828	2	539433 317940
13	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Baulkins Drove Plots 1-8 Baulkins Drove, Sutton St James, Spalding, Lincs, Pe12 0jt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18655 Permit Version: 1 Effective Date: 21st August 2006 Issued Date: 6th October 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Nene **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	828	2	539433 317940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Baulkins Drove Plots 1-8 Baulkins Drove, Sutton St James, Spalding, Lincs, Pe12 0jt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18656 Permit Version: 1 Effective Date: 21st August 2006 Issued Date: 6th October 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Nene **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	828	2	539433 317940
13	**Discharge Consents** Operator: Fenbank Builders Property Type: Domestic Property (Single) Location: Baulkins Drove Plots 1-8 Baulkins Drove, Sutton St James, Spalding, Lincs, Pe12 0jt Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf18649 Permit Version: 1 Effective Date: 21st August 2006 Issued Date: 2nd October 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Of River Nene **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	828	2	539433 317940
13	**Discharge Consents** Operator: Mr & Mrs P Barks Property Type: Domestic Property (Single) Location: The Laurels Baulkins Drove, Sutton St James, Spalding, Lincolnshire, Pe12 0ju Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Prnnf18165 Permit Version: 1 Effective Date: 12th June 2004 Issued Date: 30th June 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib South Holland Main Drain **Status:** **New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	840	2	539450 317950
14	**Discharge Consents** Operator: Mr R Henley Property Type: Not Given Location: 7 Needham Drive, Chapelgate, Sutton St James, SPALDING, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: PRNNF/09972 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Treatment Works - Final Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status:** **Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	829	2	539495 318175

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Discharge Consents** Operator: Mr & Mrs Wilkinson Property Type: Not Given Location: 8 Needham Drive, Chapelgate, Sutton St James, SPALDING, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: PRNNF/09972 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Treatment Works - Final Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	830	2	539495 318170
14	**Discharge Consents** Operator: Mr & Mrs P K Thorley Property Type: Not Given Location: 9 Needham Drive, Chapelgate, Sutton St James, SPALDING, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: PRNNF/09972 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Treatment Works - Final Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	830	2	539495 318165
14	**Discharge Consents** Operator: South Holland D.C. Property Type: Domestic Property (Single) Location: Festival Square Sutton St. James, Spalding, Pe12 0eh (Site 2218), Pe12 0eh Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5nf5130 Permit Version: 2 Effective Date: 11th September 1997 Issued Date: 11th September 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Fen Drain **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	833	2	539500 318190
14	**Discharge Consents** Operator: Mr & Mrs J Lawson Property Type: Not Given Location: 3 Needham Drive, Chapelgate, Sutton St James, SPALDING, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: PRNNF/09972 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Treatment Works - Final Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	834	2	539500 318175

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Discharge Consents** Operator: Needham Drive (Sutton St James) Management Co Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Needham Drive Chapelgate, Sutton St James, Spalding, Lincs, Pe12 0eg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf09972 Permit Version: 2 Effective Date: 17th August 2000 Issued Date: 18th April 2000 Revocation Date: 11th July 2007 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	835	2	539500 318170
14	**Discharge Consents** Operator: Mr & Mrs L F Greens Property Type: Not Given Location: 16 Needham Drive, Chapelgate, Sutton St James, SPALDING, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: PRNNF/09972 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Treatment Works - Final Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	835	2	539500 318170
14	**Discharge Consents** Operator: Mr & Mrs K Skinner Property Type: Not Given Location: 2 Needham Drive, Chapelgate, Sutton St James, SPALDING, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: PRNNF/09972 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Treatment Works - Final Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	835	2	539500 318165
14	**Discharge Consents** Operator: Hull Matthewson Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Needham Drive Chapelgate, Sutton St James, Spalding, Lincs, Pe12 0eg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf09972 Permit Version: 1 Effective Date: 20th December 1996 Issued Date: 20th December 1996 Revocation Date: 16th August 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Drain Receiving Water: Village Drain **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	835	2	539500 318170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Discharge Consents** Operator: Mr & Mrs D Abram Property Type: Not Given Location: 27 Needham Drive, Chapelgate, Sutton St James, SPALDING, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: PRNNF/09972 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Treatment Works - Final Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	839	2	539505 318175
14	**Discharge Consents** Operator: Mr & Mrs R Cross Property Type: Not Given Location: 22 Needham Drive, Chapelgate, Sutton St James, SPALDING, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: PRNNF/09972 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Treatment Works - Final Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	840	2	539505 318165
14	**Discharge Consents** Operator: Mr & Mrs R Peake Property Type: Not Given Location: 26 Needham Drive, Chapelgate, Sutton St James, SPALDING, Lincolnshire Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: PRNNF/09972 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th December 1996 Revocation Date: Not Supplied Discharge Type: Sewage Treatment Works - Final Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	840	2	539505 318170
14	**Discharge Consents** Operator: South Holland D.C. Property Type: Domestic Property (Single) Location: Festival Square Sutton St. James, Spalding, Pe12 0eh (Site 2218), Pe12 0eh Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5nf5130 Permit Version: 1 Effective Date: 21st February 1986 Issued Date: 21st February 1986 Revocation Date: 10th September 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Drain Receiving Water: Fen Drain **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	844	2	539510 318180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Discharge Consents** Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Needham Drive Chapelgate, Sutton St James, Spalding, Lincs, Pe12 0eg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Prnnf09972 Permit Version: 3 Effective Date: 11th July 2007 Issued Date: 11th July 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Village Drain **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	916	2	539582 318177
16	**Discharge Consents** Operator: Lincolnshire C.C. Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE Location: Sutton St.James Primary School Bells Drove, Sutton St. James, Spalding, Lincs, Pe12 0jg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5nf435 Permit Version: 3 Effective Date: 31st July 1995 Issued Date: 31st July 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Sutton St. James Drain **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	951	2	539620 318210
16	**Discharge Consents** Operator: Sutton St James Primary Sch Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE Location: Sutton St.James Primary School Bells Drove, Sutton St. James, Spalding, Lincs, Pe12 0jg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5nf435 Permit Version: 2 Effective Date: 11th December 1968 Issued Date: 11th December 1968 Revocation Date: 30th July 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Sutton St. James Drain **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	951	2	539620 318210
16	**Discharge Consents** Operator: Sutton St James Primary Sch Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE Location: Sutton St.James Primary School Bells Drove, Sutton St. James, Spalding, Lincs, Pe12 0jg Authority: Environment Agency, Anglian Region Catchment Area: Low River Nene / South Holland Main Reference: Pr5nf435 Permit Version: 1 Effective Date: 21st May 1968 Issued Date: 21st May 1968 Revocation Date: 10th December 1968 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Sutton St. James Drain **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	951	2	539620 318210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**Discharge Consents** Operator: Kings Quality Homes Property Type: Not Supplied Location: Plot 1 Old Fendyke, Sutton St James, Spalding, Lincs, Pe12 0he Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5531 Permit Version: 1 Effective Date: 24th June 1988 Issued Date: 24th June 1988 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A12SW (W)	992	2	537660 317990
18	**Discharge Consents** Operator: Mr & Mrs Nott Property Type: Not Supplied Location: Plot 2 Old Fendyke, Sutton St James, Spalding, Lincs, Pe12 0he Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5532 Permit Version: 1 Effective Date: 24th June 1988 Issued Date: 24th June 1988 Revocation Date: 23rd September 1997 Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A12SW (W)	997	2	537670 317940
19	**Local Authority Pollution Prevention and Controls** Name: J E Garner Location: J E GARNER, 71 Chapelgate, Sutton St. James, SPALDING, Lincolnshire, PE12 0EF Authority: South Holland District Council, Environmental Services Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Not Supplied** Positional Accuracy: Automatically positioned to the address	A14NE (E)	835	3	539505 318264
	Nearest Surface Water Feature	A13NE (NE)	0	-	538653 318273
20	**Pollution Incidents to Controlled Waters** Property Type: Domestic/Residential Location: Spalding District, SUTTON ST JAMES Authority: Environment Agency, Anglian Region Pollutant: Sewage - Septic Tank Effluent Note: Local Dyke Incident Date: 10th May 1999 Incident Reference: 2834 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Poor/Inadequate Maintenance Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	243	2	538700 318000
21	**Pollution Incidents to Controlled Waters** Property Type: Petrol/Fuelling Stations Location: SUTTON ST JAMES Authority: Environment Agency, Anglian Region Pollutant: Oils - Petrol Note: Local Dyke Incident Date: 4th March 1997 Incident Reference: 2415 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	732	2	539400 318200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	**Pollution Incidents to Controlled Waters** Property Type: Petrol/Fuelling Stations Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Petrol Note: Local Dyke Incident Date: 4th March 1997 Incident Reference: 2415 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	733	2	539400 318195
22	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Waste Oil Note: Idb Drain Incident Date: 9th October 1996 Incident Reference: 2356 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	932	2	539600 318200
23	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Spalding District, SUTTON ST JAMES Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Unknown Note: Tributary Of South Holland Main Drain Incident Date: 4th March 1999 Incident Reference: 2804 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	972	2	537900 317600
24	**Pollution Incidents to Controlled Waters** Property Type: Horticultural Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Oils - Other Fuel Oil Note: Local Drain Incident Date: 26th February 1996 Incident Reference: 2186 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	976	2	538000 317500
	River Quality Name: South Holland Main Drain GQA Grade: River Quality C Reach: Moulton Mere Drn...Little South Holland Estimated Distance (km): 10.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18NW (N)	878	2	538516 319152

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**River Quality Chemistry Sampling Points** Name: South Holland Main Drain Reach: Moulton Mere Drn To Little South Holland Estimated Distance: 10.50 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied	A17NE (NW)	920	2	538012 318954
26	**Substantiated Pollution Incident Register** Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 20th May 2009 Incident Reference: 680480 Water Impact: Category 2 - Significant Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Sewage Materials: Grey Water	A14SE (E)	945	2	539575 317990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: Low	A13NE (NE)	0	4	538643 318260
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NE (NE)	0	4	538643 318260
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13NE (NE)	0	4	538643 318260
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13NE (NE)	0	2	538643 318260
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SE (SE)	9	2	538665 318245
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NE (NE)	173	2	538820 318350
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (W)	225	2	538395 318305
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NE (NE)	0	2	538643 318260
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A13NW (N)	16	2	538631 318294
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (N)	87	2	538631 318369
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (NE)	0	5	538653 318273

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 80.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (N)	16	5	538642 318300
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 157.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (E)	27	5	538693 318280
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 135.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (NW)	29	5	538618 318300
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 255.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (NW)	29	5	538610 318294
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	43	5	538686 318216
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 166.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (S)	48	5	538661 318192
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 204.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (S)	48	5	538661 318192
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (NW)	99	5	538574 318355
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (N)	111	5	538644 318395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 151.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (N)	111	5	538648 318395
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (N)	114	5	538617 318395
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (N)	115	5	538613 318395
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (NW)	126	5	538581 318394
41	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (NW)	133	5	538568 318394
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (NW)	139	5	538558 318394
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 195.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (E)	152	5	538819 318292
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 204.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (E)	182	5	538849 318297
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (NE)	186	5	538800 318395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SW (SW)	192	5	538543 318074
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 159.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SW (SW)	192	5	538543 318074
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 209.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SW (SW)	194	5	538550 318068
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (NE)	210	5	538832 318396
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (E)	230	5	538896 318308
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 117.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NE (NE)	248	5	538878 318397
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (N)	252	5	538543 318515
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 451.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (N)	253	5	538578 318529
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 200.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (N)	253	5	538578 318529

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	292	5	538902 318085
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 151.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	293	5	538933 318132
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	294	5	538902 318082
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	294	5	538902 318082
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 209.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SW (W)	300	5	538319 318214
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	321	5	538781 317946
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	322	5	538875 318012
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 71.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (S)	330	5	538769 317931
63	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (S)	330	5	538770 317931

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (S)	330	5	538769 317931
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	337	5	538944 318066
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	342	5	538807 317936
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 232.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (E)	348	5	539011 318332
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 132.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SW (SW)	349	5	538428 317963
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SW (SW)	349	5	538428 317963
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 259.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SW (SW)	350	5	538434 317957
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 0.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (SE)	353	5	538793 317916
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	353	5	538950 318047

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 84.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (SE)	354	5	538795 317916
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (SE)	354	5	538794 317915
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (SE)	354	5	538795 317916
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 236.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13NW (NW)	356	5	538376 318522
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (NE)	358	5	538995 318414
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 183.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (NE)	360	5	538992 318423
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	366	5	538955 318032
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	410	5	538979 317993
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 318.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	410	5	538979 317993

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 264.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (SE)	417	5	538974 317976
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12NE (W)	443	5	538189 318379
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 149.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12NE (NW)	445	5	538261 318528
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 109.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SW (E)	450	5	539095 318114
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 248.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12SE (SW)	453	5	538252 317987
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 314.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SW (E)	460	5	539130 318242
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 442.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12SE (W)	464	5	538185 318083
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (S)	478	5	538772 317776
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NW (SW)	479	5	538333 317872

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 219.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (S)	489	5	538765 317762
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 66.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NW (SW)	491	5	538323 317863
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12NE (W)	506	5	538142 318438
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (NE)	510	5	539060 318592
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 182.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (NE)	510	5	539061 318590
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 99.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SW (NE)	513	5	539057 318599
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SW (SE)	522	5	539127 318010
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SW (SE)	522	5	539127 318010
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SW (SE)	524	5	539128 318008

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 103.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NW (S)	531	5	538578 317710
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 234.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12SE (SW)	531	5	538188 317943
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 189.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SW (SE)	533	5	539132 317996
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 249.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SW (SE)	533	5	539140 318012
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 152.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (NW)	535	5	538306 318699
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SW (NE)	541	5	538999 318692
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (S)	542	5	538783 317712
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (NE)	542	5	539167 318480
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (NE)	542	5	539167 318480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 80.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	546	5	538459 318798
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	547	5	538446 318794
111	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	547	5	538457 318798
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	549	5	538231 318650
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	551	5	538532 318824
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	552	5	538543 318827
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 304.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SW (NE)	552	5	539009 318698
116	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SW (NE)	552	5	539009 318698
117	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	554	5	538271 317824

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (NW)	554	5	538357 318758
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (NW)	554	5	538376 318770
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 165.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	555	5	538611 318838
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (NW)	556	5	538365 318765
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	557	5	538276 317817
123	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 276.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (NW)	558	5	538355 318763
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SW (NE)	559	5	539026 318693
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	560	5	538580 318840
126	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	560	5	538580 318840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	563	5	538593 318845
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 413.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SW (NE)	563	5	539023 318701
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 125.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	566	5	538604 318849
130	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 855.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	566	5	538170 318607
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 215.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	566	5	538170 318607
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 246.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SW (N)	568	5	538574 318848
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 226.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (S)	572	5	538793 317684
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	575	5	538263 317804
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	575	5	538263 317804

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 311.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	576	5	538269 317798
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SW (E)	595	5	539265 318245
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 256.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (S)	604	5	538811 317656
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 236.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	607	5	538125 317901
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SE (N)	618	5	538719 318897
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 331.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NW (S)	622	5	538516 317628
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SE (N)	623	5	538728 318901
143	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 85.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NW (S)	626	5	538608 317611
144	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (S)	626	5	538810 317632

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SE (N)	630	5	538764 318902
146	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 258.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SE (N)	631	5	538725 318909
147	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 88.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	631	5	538222 317765
148	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	631	5	538222 317765
149	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SE (N)	636	5	538772 318906
150	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 263.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	647	5	539184 317870
151	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SE (N)	652	5	538772 318923
152	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 188.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (E)	653	5	539310 318391
153	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 307.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SW (NE)	653	5	539110 318745

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (E)	656	5	539277 318512
155	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 143.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	656	5	539323 318330
156	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	656	5	539323 318330
157	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 84.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	657	5	539057 317726
158	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SE (N)	658	5	538780 318928
159	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SE (N)	662	5	538805 318925
160	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 70.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NW (S)	662	5	538471 317598
161	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 199.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NW (E)	666	5	539287 318515
162	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18SE (N)	675	5	538822 318935

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 88.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	685	5	538444 317581
164	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	687	5	539192 317816
165	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 236.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	690	5	538058 317852
166	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 197.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	698	5	539196 317804
167	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18NE (N)	701	5	538836 318957
168	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 268.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18NE (N)	702	5	538833 318959
169	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 155.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	707	5	538633 317530
170	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18NE (N)	709	5	538849 318962
171	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	710	5	539381 318255

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
172	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 268.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SE (S)	711	5	538857 317558
173	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 314.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	713	5	539372 318131
174	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	714	5	538154 317713
175	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18NE (N)	716	5	538856 318967
176	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	719	5	538159 317703
177	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 267.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	720	5	538497 317532
178	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 343.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SE (S)	725	5	538842 317538
179	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 259.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	734	5	538153 317688
180	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	734	5	538153 317688

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
181	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 70.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	735	5	538147 317691
182	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	737	5	539085 317645
183	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	746	5	539088 317636
184	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18NE (N)	746	5	538911 318980
185	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	746	5	539387 318056
186	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	756	5	539091 317626
187	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	759	5	539091 317623
188	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	759	5	538471 317497
189	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 320.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SW (NE)	760	5	539218 318789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 322.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	761	5	538470 317496
191	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	763	5	539092 317619
192	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 161.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	763	5	539092 317619
193	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 83.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	768	5	539153 317661
194	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	769	5	538161 318884
195	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 134.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	775	5	539115 317621
196	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 222.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	777	5	537986 317802
197	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 95.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	777	5	538094 318834
198	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	779	5	538025 318767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
199	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18NE (NE)	784	5	538957 319002
200	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18NE (N)	789	5	538947 319012
201	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	790	5	538097 318855
202	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	793	5	538016 318778
203	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	795	5	538094 318858
204	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18NE (N)	795	5	538953 319015
205	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	797	5	538334 317503
206	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	797	5	539413 317974
207	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	799	5	538084 318855

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
208	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	803	5	538090 317651
209	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	805	5	538096 317642
210	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 339.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	809	5	538349 317484
211	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 251.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	823	5	539249 317678
212	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 237.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NW (SW)	828	5	537939 317780
213	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 130.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19NW (NE)	828	5	539004 319028
214	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1855.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: South Holland Main Drain Catchment Name: Nene Primacy: 1	A18NW (N)	829	5	538384 319071
215	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	836	5	538057 318881
216	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19NW (NE)	838	5	539000 319041

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
217	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SE (NW)	839	5	538055 318883
218	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	841	5	539509 318201
219	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SW (NW)	842	5	537895 318695
220	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 209.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SW (NW)	842	5	537895 318695
221	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19NW (NE)	844	5	539008 319045
222	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 88.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SW (NW)	849	5	537882 318685
223	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 215.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	852	5	539507 318426
224	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	855	5	538055 317613
225	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 66.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NE (SW)	858	5	538058 317606

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	864	5	539479 318567
227	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	866	5	539249 317617
228	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (SE)	870	5	539447 317870
229	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 169.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	872	5	539258 317616
230	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 217.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SE (S)	875	5	538922 317407
231	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 197.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17SW (NW)	876	5	537816 318617
232	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19NW (NE)	877	5	539042 319064
233	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19NW (NE)	877	5	539042 319064
234	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19NW (NE)	878	5	539043 319065

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 291.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19NW (NE)	882	5	539037 319073
236	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 149.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19NW (NE)	885	5	539052 319069
237	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Little South Holland Drain Catchment Name: Nene Primacy: 2	A18NW (N)	889	5	538580 319171
238	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: South Holland Main Drain Catchment Name: Nene Primacy: 1	A18NW (N)	889	5	538580 319171
239	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A18NE (N)	898	5	538682 319181
240	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 342.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7SE (SW)	899	5	538278 317416
241	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A17NE (NW)	899	5	538023 318935
242	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (SE)	901	5	539460 317829
243	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	909	5	539554 318050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
244	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	909	5	539554 318050
245	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (SE)	910	5	539464 317817
246	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 339.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SE (NE)	912	5	539447 318740
247	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: Underground Permanent: True Watercourse Name: Little South Holland Drain Catchment Name: Nene Primacy: 2	A18NW (N)	914	5	538563 319194
248	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9SW (SE)	915	5	539132 317462
249	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 243.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	915	5	539563 318060
250	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 324.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SE (S)	917	5	538900 317356
251	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 568.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9SW (SE)	918	5	539143 317465
252	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7SE (SW)	924	5	538010 317560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
253	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 305.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Little South Holland Drain Catchment Name: Nene Primacy: 2	A18NW (N)	924	5	538556 319204
254	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	927	5	539538 318590
255	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	928	5	539541 318582
256	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	930	5	539561 317996
257	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 201.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	932	5	539594 318389
258	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 472.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: South Holland Main Drain Catchment Name: Nene Primacy: 1	A18NE (N)	935	5	538659 319218
259	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	938	5	539571 317999
260	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7SE (SW)	943	5	537996 317548
261	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 91.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19NW (NE)	943	5	539127 319093

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
262	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	946	5	538604 317291
263	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	946	5	538604 317291
264	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	947	5	539575 317986
265	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	947	5	539575 317986
266	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	947	5	539560 318587
267	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SE (NE)	950	5	539399 318871
268	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12NW (W)	954	5	537683 318461
269	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SE (NE)	955	5	539404 318873
270	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 251.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	956	5	539585 317988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
271	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 167.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	956	5	539608 318445
272	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	956	5	539612 318427
273	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	956	5	539612 318427
274	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12NW (W)	957	5	537679 318460
275	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12NW (W)	957	5	537679 318460
276	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 345.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7SE (SW)	958	5	538231 317373
277	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	961	5	538578 317277
278	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 183.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12NW (W)	961	5	537676 318464
279	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	967	5	539580 318591

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	970	5	539626 318432
281	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 161.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	971	5	538581 317268
282	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NW (SW)	972	5	537869 317636
283	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14NE (E)	972	5	539627 318432
284	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SE (NE)	978	5	539431 318877
285	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12NW (W)	979	5	537650 318423
286	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 73.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (SE)	979	5	539544 317821
287	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 109.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A19SE (NE)	981	5	539428 318886
288	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 645.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7NW (SW)	982	5	537855 317637

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
289	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 67.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A12NW (W)	983	5	537645 318418
290	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A14SE (E)	983	5	539595 317928
291	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 652.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7SW (SW)	985	5	537920 317561
292	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 94.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A7SW (SW)	985	5	537920 317561
293	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (E)	989	5	539597 317919
294	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 119.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A3NW (S)	992	5	538635 317245
295	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 527.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A3NW (S)	992	5	538635 317245
296	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (SE)	994	5	539498 317712

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
297	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Broadgate, Sutton St James Name: Birds Drove Corner Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD00280 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: SH-8-01/89, RD7-8-01/89, 2500/5264	A8NE (S)	362	2	538722 317883
298	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Sutton St James, Lincolnshire Name: Holly Tree House - Manor Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD00247 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: RD7-41-01/89, SH-41-01/89, 2500/5057	A8NE (S)	376	2	538729 317870
	Local Authority Landfill Coverage Name: South Holland District Council - Has no landfill data to supply		0	3	538643 318260
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	538643 318260
299	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	A14SE (E)	925	-	539595 318220
300	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	A14SE (E)	979	-	539592 317935

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
301	**Control of Major Accident Hazards Sites (COMAH)** Name: Johnson and Son Location: 47, Chapelgate, Sutton St. James, SPALDING, Lincolnshire, PE12 0EF Reference: 5525 Type: Lower Tier **Status: Record Ceased To Be Supplied Under COMAH Regulations** Positional Accuracy: Automatically positioned to the address	A14NE (E)	985	7	539654 318317
302	**Planning Hazardous Substance Consents** Name: Banks Odam Dennick Ltd Location: Chapel Gate, SUTTON ST JAMES, Lincolnshire, PE Authority: South Holland District Council Application Ref: H20/1219/92 Hazardous Substance: Part B, Highly Reactive and Explosive Substance, Ammonium nitrate and mixtures of, where amount held is greater than or equal to 500 tonnes Maximum Quantity: 1500 Application date: 24th November 1992 **Decision: Unknown at time of reportUnknown** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	657	8	539327 318245

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: West Walton Formation, Ampthill Clay Formation And Kimmeridge Clay Formation (Undifferentiated)	A13NE (NE)	0	1	538643 318260
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	0	1	538643 318260
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A14SW (SE)	421	1	539000 318000
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	538643 318260
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	538643 318260
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	538643 318260
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	538643 318260
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	538643 318260
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	538643 318260
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	538643 318260
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	538643 318260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
303	**Contemporary Trade Directory Entries** Name: F S Campling & Sons Location: 26, Fishergate, Sutton St. James, Spalding, Lincolnshire, PE12 0EN Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (E)	48	-	538717 318277
304	**Contemporary Trade Directory Entries** Name: J E Garner Location: 71, Chapelgate, Sutton St. James, Spalding, Lincolnshire, PE12 0EF Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	835	-	539505 318264
305	**Contemporary Trade Directory Entries** Name: Sly Location: Cliftons Bridge, Fishergate, Sutton St. James, Spalding, PE12 0EZ Classification: Agricultural Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	938	-	538042 319004
306	**Contemporary Trade Directory Entries** Name: Dusty Sparkle Location: Chapelgate, Sutton St. James, Spalding, Lincolnshire, PE12 0EE Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	938	-	539605 318343
307	**Contemporary Trade Directory Entries** Name: Johnson & Son Location: 47, Chapelgate, Sutton St. James, Spalding, Lincolnshire, PE12 0EF Classification: Agricultural Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	985	-	539654 318317
308	**Fuel Station Entries** Name: Garners Garage Location: 71, Chapelgate , Sutton St James , Spalding, Lincolnshire, PE12 0EF Brand: Pace Premises Type: Petrol Station **Status: Open** Positional Accuracy: Manually positioned to the address or location	A14NE (E)	836	-	539506 318266
309	**Points of Interest - Commercial Services** Name: F S Campling & Sons Location: 26 Fishergate, Sutton St. James, Spalding, PE12 0EN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (E)	48	9	538716 318276
310	**Points of Interest - Manufacturing and Production** Name: C & N Campling Location: Saxon Halt 20, Fishergate, Sutton St. James, Spalding, PE12 0EN Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A13SE (E)	76	9	538746 318255
310	**Points of Interest - Manufacturing and Production** Name: C & N Campling Location: 20 Fishergate, Sutton St. James, Spalding, PE12 0EN Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A13SE (E)	76	9	538746 318254
311	**Points of Interest - Manufacturing and Production** Name: Wind Turbine Location: PE12 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	323	9	538814 318557
312	**Points of Interest - Manufacturing and Production** Name: M C Heanes & Son Location: 149 Chapelgate, Sutton St. James, Spalding, PE12 0EF Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A14SW (E)	336	9	538980 318132
312	**Points of Interest - Manufacturing and Production** Name: M C Heanes & Son Location: 149 Chapelgate, Sutton St. James, Spalding, PE12 0EF Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A14SW (E)	336	9	538980 318132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
312	**Points of Interest - Manufacturing and Production** Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (SE)	362	9	538998 318109
312	**Points of Interest - Manufacturing and Production** Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (SE)	366	9	539000 318104
312	**Points of Interest - Manufacturing and Production** Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (SE)	369	9	539001 318098
312	**Points of Interest - Manufacturing and Production** Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (E)	372	9	539009 318109
312	**Points of Interest - Manufacturing and Production** Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14SW (SE)	377	9	539012 318103
312	**Points of Interest - Manufacturing and Production** Name: Tanks Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	388	9	539024 318104
313	**Points of Interest - Manufacturing and Production** Name: Piggery Location: PE12 Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8NE (S)	552	9	538763 317697
314	**Points of Interest - Manufacturing and Production** Name: Grange Farm (Lincolnshire) - Solar Photovoltaics (DECC) Location: Grange Farm, Fishergate, Sutton St James, Spalding, PE12 0EZ Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	A19SW (NE)	778	9	539284 318741
315	**Points of Interest - Manufacturing and Production** Name: D S Ward Location: Denbar, Baulkins Drove, Sutton St. James, Spalding, PE12 0JX Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A9NE (SE)	828	9	539414 317898
316	**Points of Interest - Manufacturing and Production** Name: Piggery Location: PE12 Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	961	9	538885 317306
317	**Points of Interest - Manufacturing and Production** Name: F C & M Ellis Location: Poplar Farm, Old Fendyke, Sutton St. James, Spalding, PE12 0HE Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A7SE (SW)	976	9	537984 317514
318	**Points of Interest - Manufacturing and Production** Name: Tank Location: PE12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11NE (W)	986	9	537629 318267

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
319	**Points of Interest - Manufacturing and Production** Name: Solar Farm Location: PE12 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	989	9	539458 318860
320	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: PE12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	759	9	539422 318161
320	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: PE12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	770	9	539435 318170
321	**Points of Interest - Public Infrastructure** Name: J E Garner Location: 71 Chapelgate, Sutton St. James, Spalding, PE12 0EF Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NE (E)	835	9	539505 318264
321	**Points of Interest - Public Infrastructure** Name: J E Garner Location: 71 Chapelgate, Sutton St. James, Spalding, PE12 0EF Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NE (E)	836	9	539506 318266
321	**Points of Interest - Public Infrastructure** Name: Garners Garage Location: 71, Chapelgate, Sutton St. James, Spalding, PE12 0EF Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14NE (E)	836	9	539506 318266
322	**Points of Interest - Public Infrastructure** Name: Sewage Pumping Station Location: PE12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	861	9	539525 318160
323	**Points of Interest - Public Infrastructure** Name: Sluice Location: PE12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	890	9	538664 319173
323	**Points of Interest - Public Infrastructure** Name: Sluice Location: PE12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	892	9	538664 319175
323	**Points of Interest - Public Infrastructure** Name: Sluice Location: PE12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	907	9	538563 319187
323	**Points of Interest - Public Infrastructure** Name: Sluice Location: PE12 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	908	9	538565 319188
324	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: PE12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A15SW (E)	993	9	539663 318223

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
South Holland District Council - Environmental Services	October 2013	Annual Rolling Update
Fenland District Council - Environmental Health Department	October 2014	Annual Rolling Update
Environment Agency - Head Office	September 2019	Annually
Discharge Consents		
Environment Agency - Anglian Region	April 2020	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Integrated Pollution Controls		
Environment Agency - Anglian Region	October 2008	Variable
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	April 2020	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Fenland District Council - Environmental Health Department	February 2015	Variable
South Holland District Council - Environmental Services	October 2014	Variable
Local Authority Pollution Prevention and Controls		
Fenland District Council - Environmental Health Department	February 2015	Annual Rolling Update
South Holland District Council - Environmental Services	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Fenland District Council - Environmental Health Department	February 2015	Variable
South Holland District Council - Environmental Services	October 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	April 2020	
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Central Area	April 2020	Quarterly
Environment Agency - Anglian Region - Northern Area	April 2020	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	April 2020	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	October 2017	Quarterly
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2020	Quarterly
Flood Defences Environment Agency - Head Office	February 2020	Quarterly
OS Water Network Lines Ordnance Survey	March 2020	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Data Currency

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Central Area	November 2019	Quarterly
Environment Agency - Anglian Region - Northern Area	November 2019	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Central Area	April 2020	Quarterly
Environment Agency - Anglian Region - Northern Area	April 2020	Quarterly
Local Authority Landfill Coverage		
Cambridgeshire County Council	May 2000	Not Applicable
Fenland District Council	May 2000	Not Applicable
Lincolnshire County Council	May 2000	Not Applicable
South Holland District Council - Environmental Services	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cambridgeshire County Council	May 2000	Not Applicable
Fenland District Council	May 2000	Not Applicable
Lincolnshire County Council	May 2000	Not Applicable
South Holland District Council - Environmental Services	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Central Area	March 2003	Not Applicable
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Cambridgeshire County Council	February 2016	Variable
Fenland District Council	February 2016	Variable
South Holland District Council	January 2016	Variable
Lincolnshire County Council - Highways and Planning Department	June 2010	Variable
Planning Hazardous Substance Consents		
Lincolnshire County Council - Highways and Planning Department	August 2007	Variable
Cambridgeshire County Council	February 2016	Variable
Fenland District Council	February 2016	Variable
South Holland District Council	January 2016	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	October 2019	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2020	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	June 2020	Quarterly
Points of Interest - Education and Health PointX	June 2020	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2020	Quarterly
Points of Interest - Public Infrastructure PointX	June 2020	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2020	Quarterly
Underground Electrical Cables National Grid	October 2019	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Fenland District Council South Holland District Council	February 2020 February 2020	As notified As notified
Areas of Unadopted Green Belt Fenland District Council South Holland District Council	February 2020 February 2020	As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	June 2019	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually

Data Suppliers

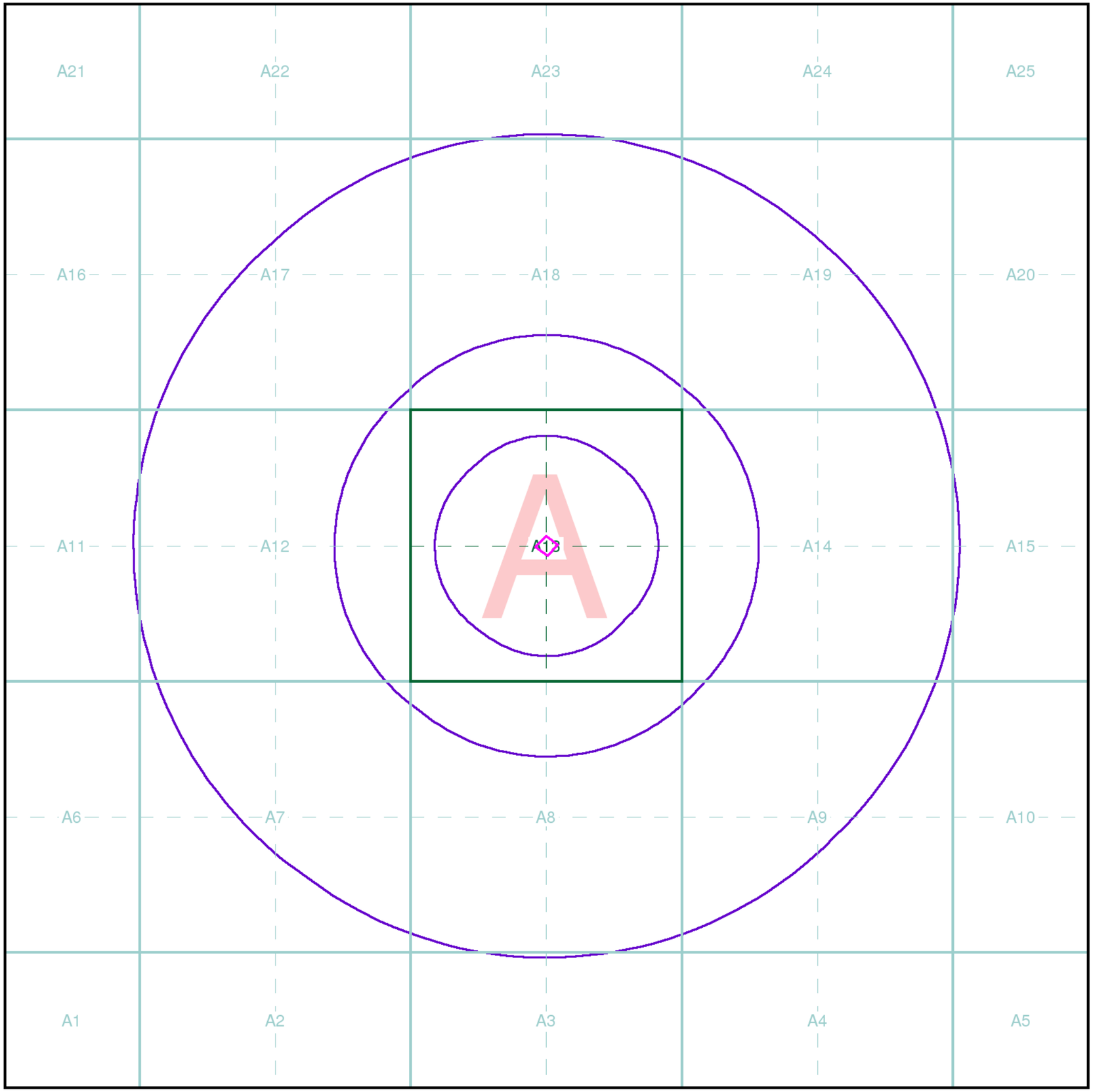
A selection of organisations who provide data within this report

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	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**South Holland District Council - Environmental Services** Council Offices, Priory Road, Spalding, Lincolnshire, PE11 2XE	Website: www.sholland.gov.uk
4	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	**Lincolnshire County Council** 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	**Health and Safety Executive** 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	**South Holland District Council** Council Offices, Priory Road, Spalding, Lincolnshire, PE11 2XE	Telephone: 01775 761161 Fax: 01775 710772 Website: www.sholland.gov.uk
9	**PointX** 7 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** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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Index Map

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

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

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

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

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr T ., Tweedie Evans Consulting Ltd, The Old Chapel,
35a Southover, Wells, Somerset, BA5 1UH

Order Details

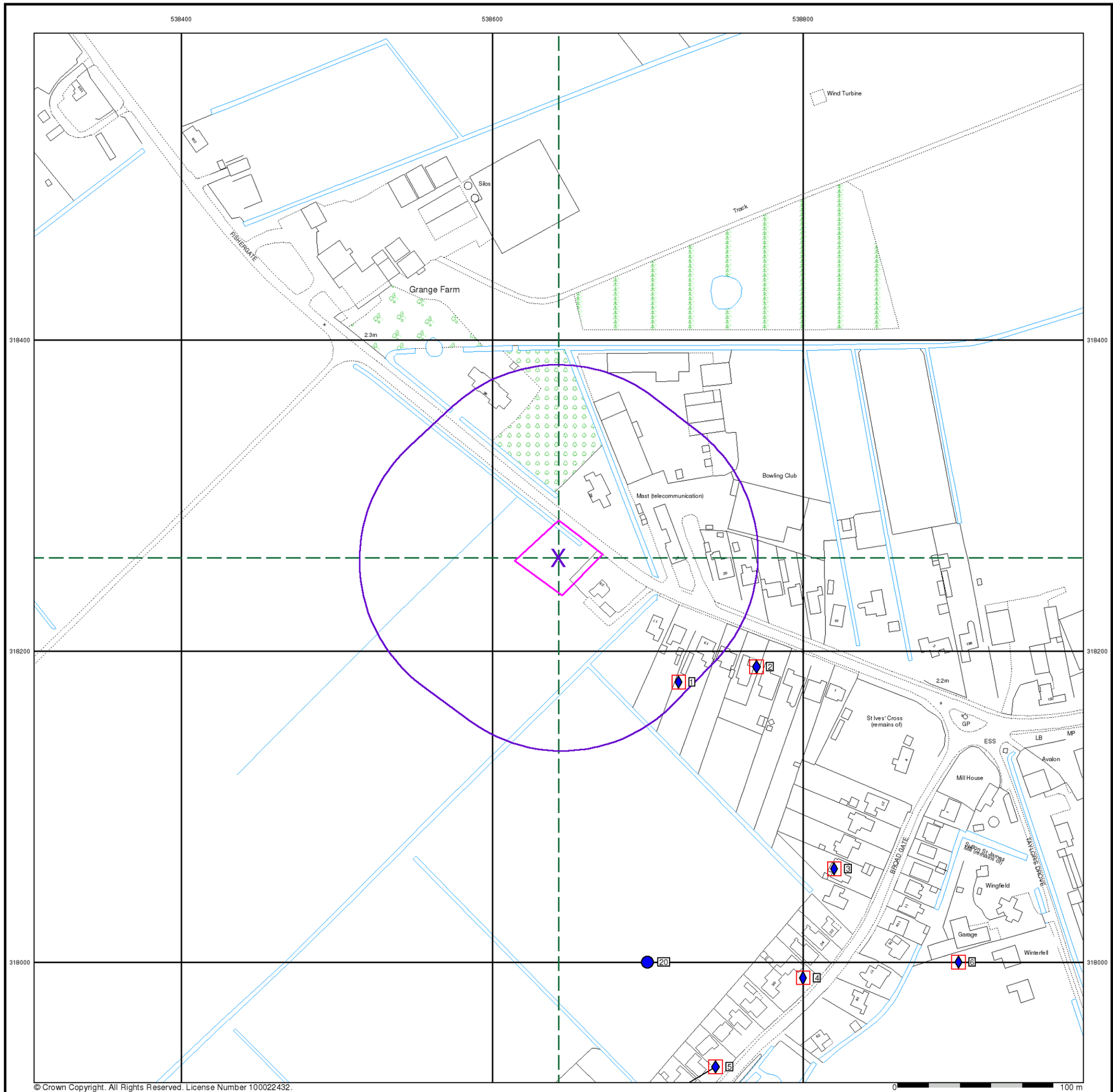
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Customer Ref:	2005001.001
National Grid Reference:	538640, 318260
Site Area (Ha):	0.14
Search Buffer (m):	1000

Site Details

Land of FIshergate, Sutton St. James, Spalding, PE12 0EN

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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
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

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

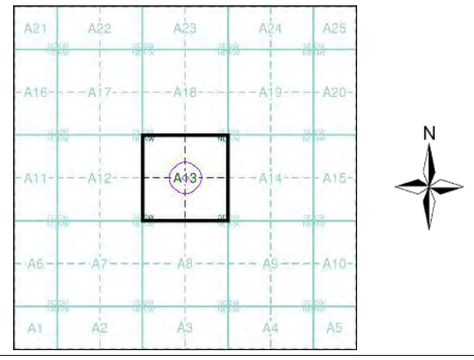
Geological

- 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 A13



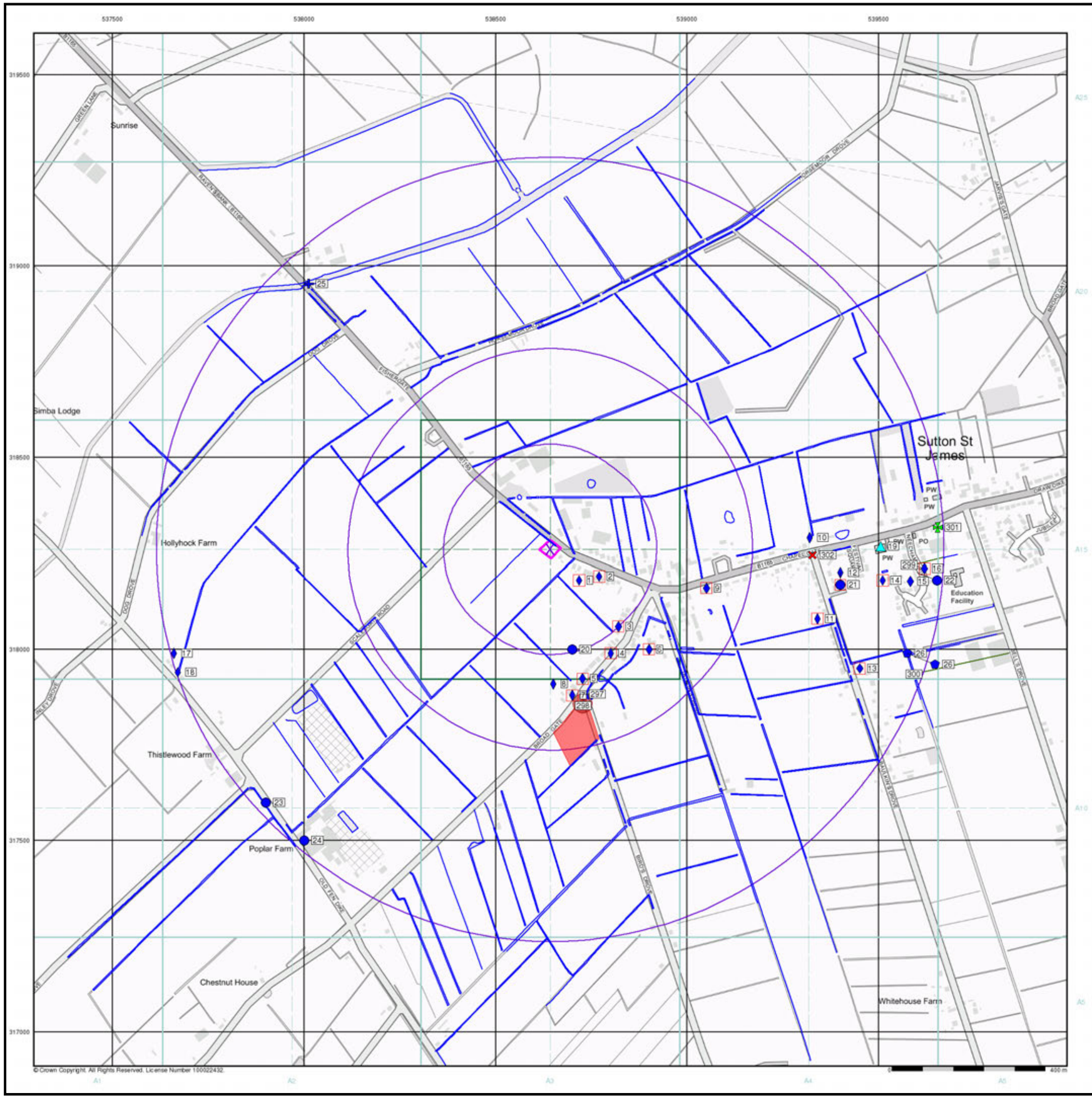
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Customer Ref:	2005001.001
National Grid Reference:	538640, 318260
Slice:	A
Site Area (Ha):	0.14
Plot Buffer (m):	100

Site Details

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General

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

Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
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- Enforcement or Prohibition Notice
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- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
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- Water Industry Act Referral

Hazardous Substances

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

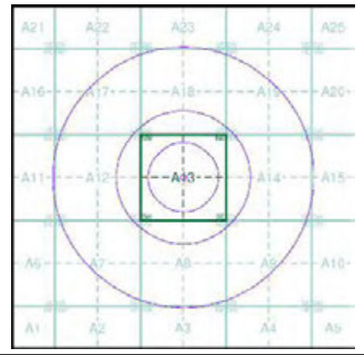
Geological

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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

Site Sensitivity Map - Slice A



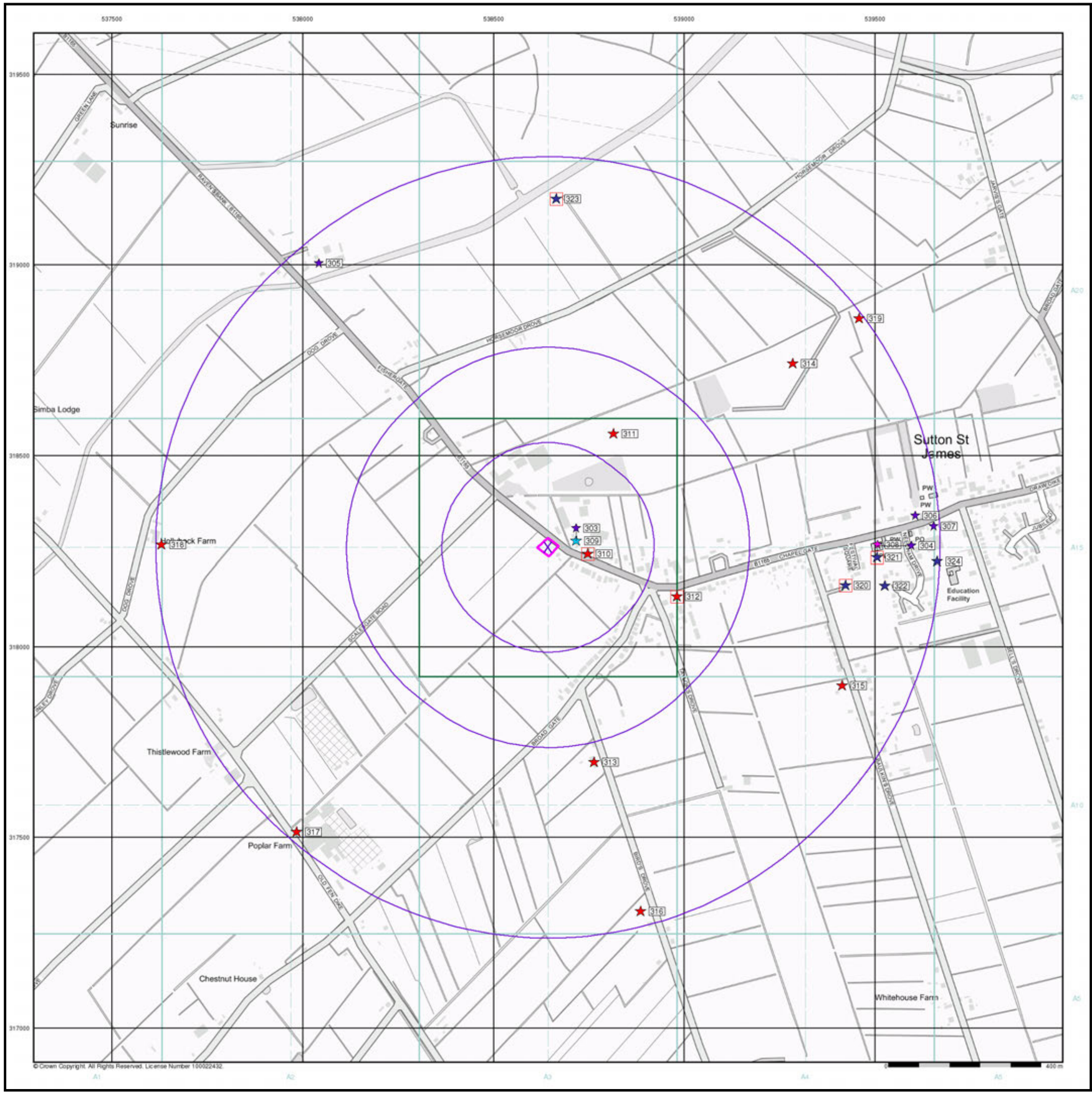
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National Grid Reference:	538640, 318260
Slice:	A
Site Area (Ha):	0.14
Search Buffer (m):	1000

Site Details

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Industrial Land Use Map

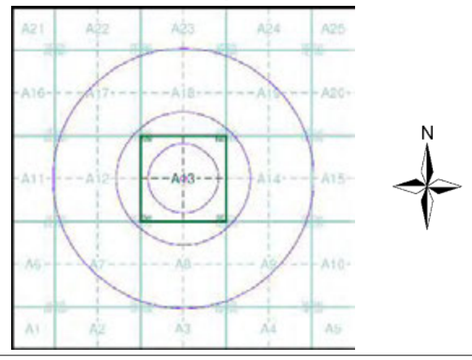
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



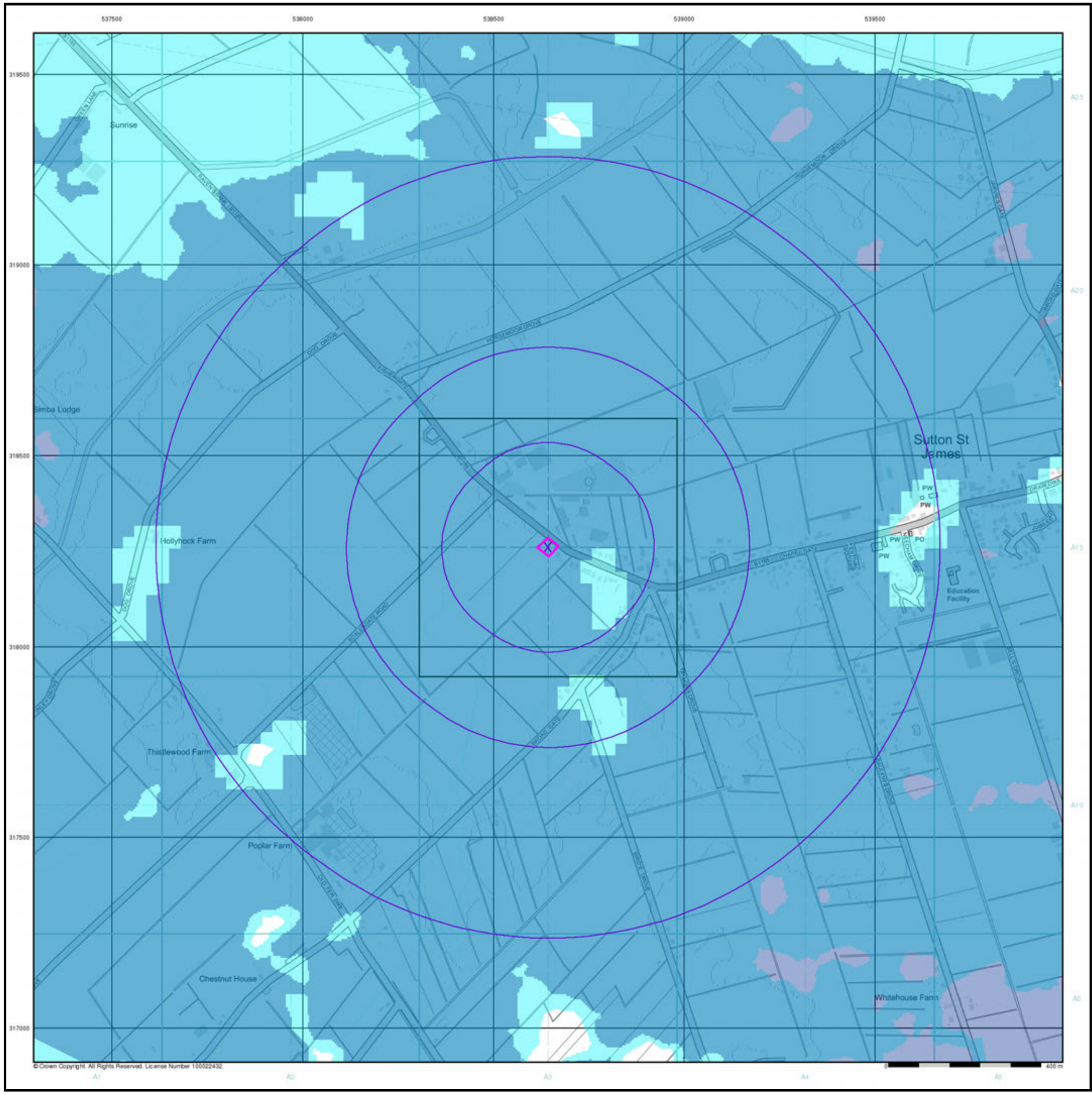
Order Details

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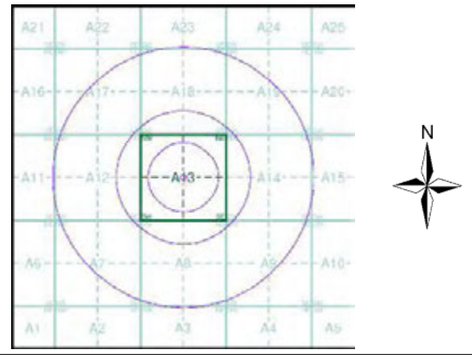
General

- Specified Site
- Specified Buffer(s)
- X 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



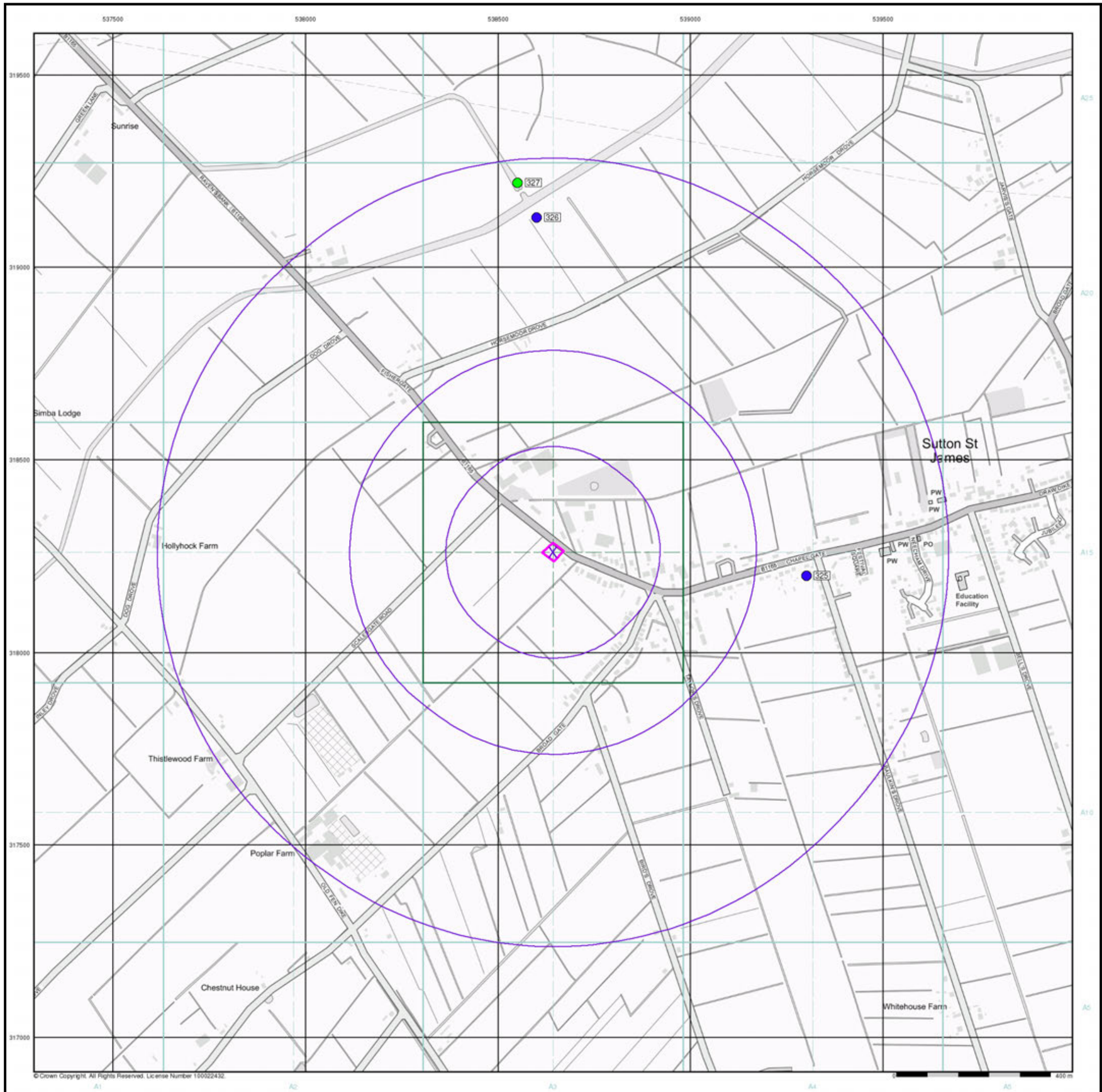
Order Details

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Slice:	A
Site Area (Ha):	0.14
Search Buffer (m):	1000

Site Details

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General

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

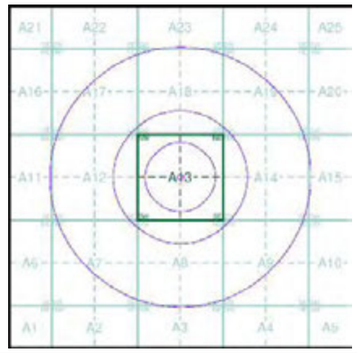
Agency and Hydrological (Boreholes)

- 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



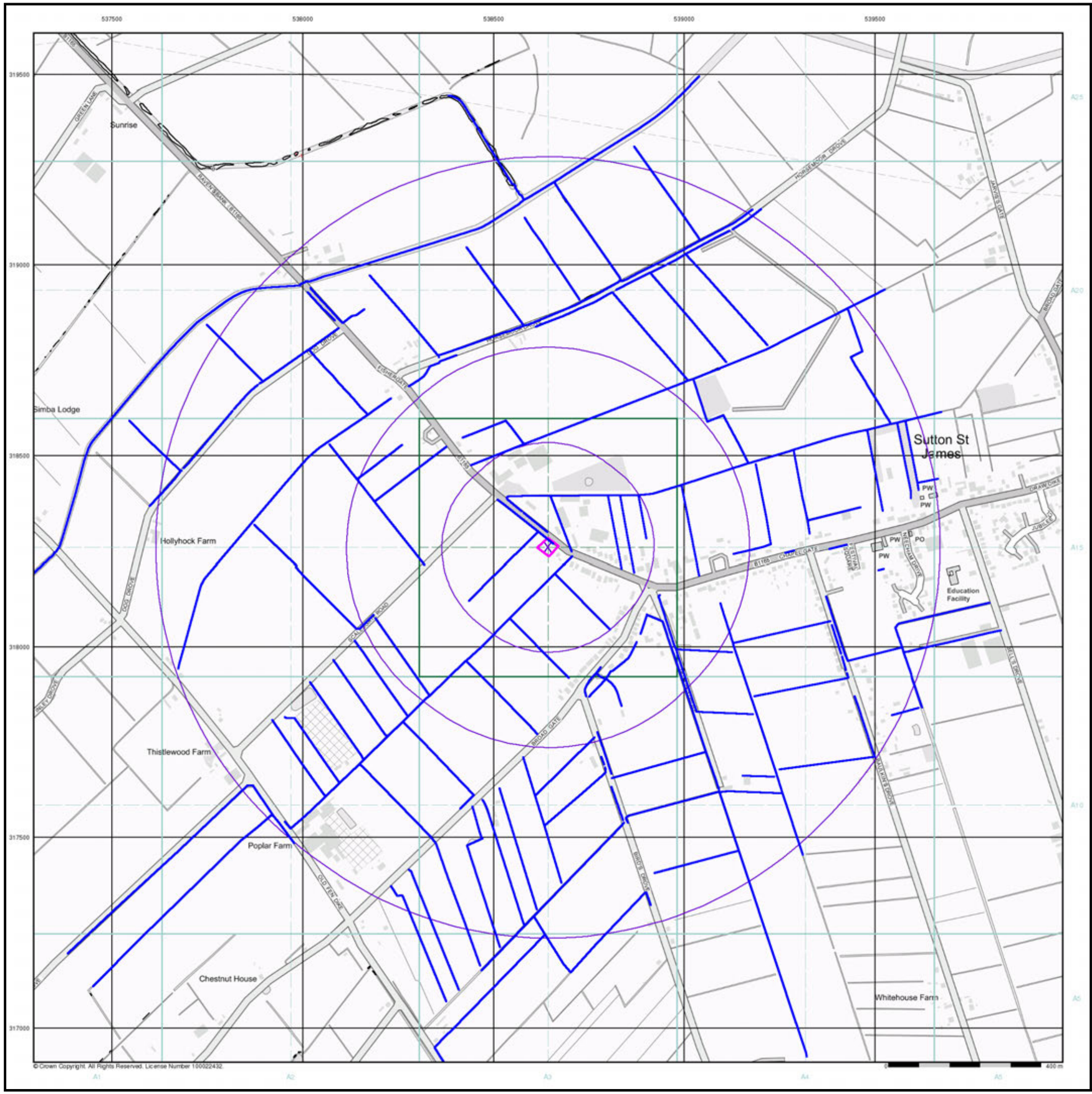
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Site Area (Ha):	0.14
Search Buffer (m):	1000

Site Details

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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



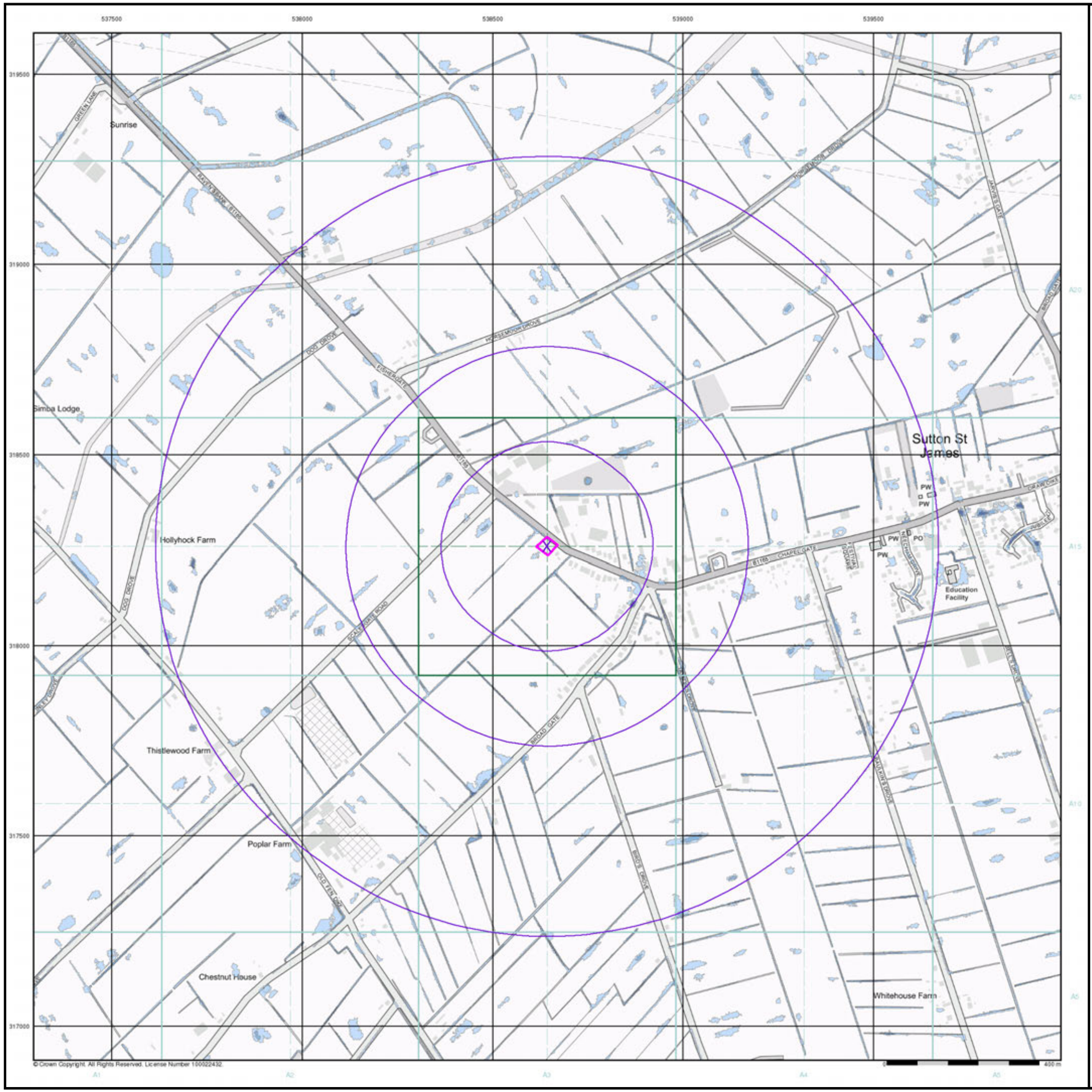
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Slice:	A
Site Area (Ha):	0.14
Search Buffer (m):	1000

Site Details

Land of FIshergate, Sutton St. James, Spalding, PE12 0EN

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



TWEEDIE EVANS CONSULTING

General

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

Risk of Flooding from Surface Water

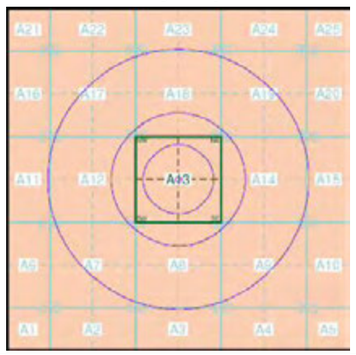
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



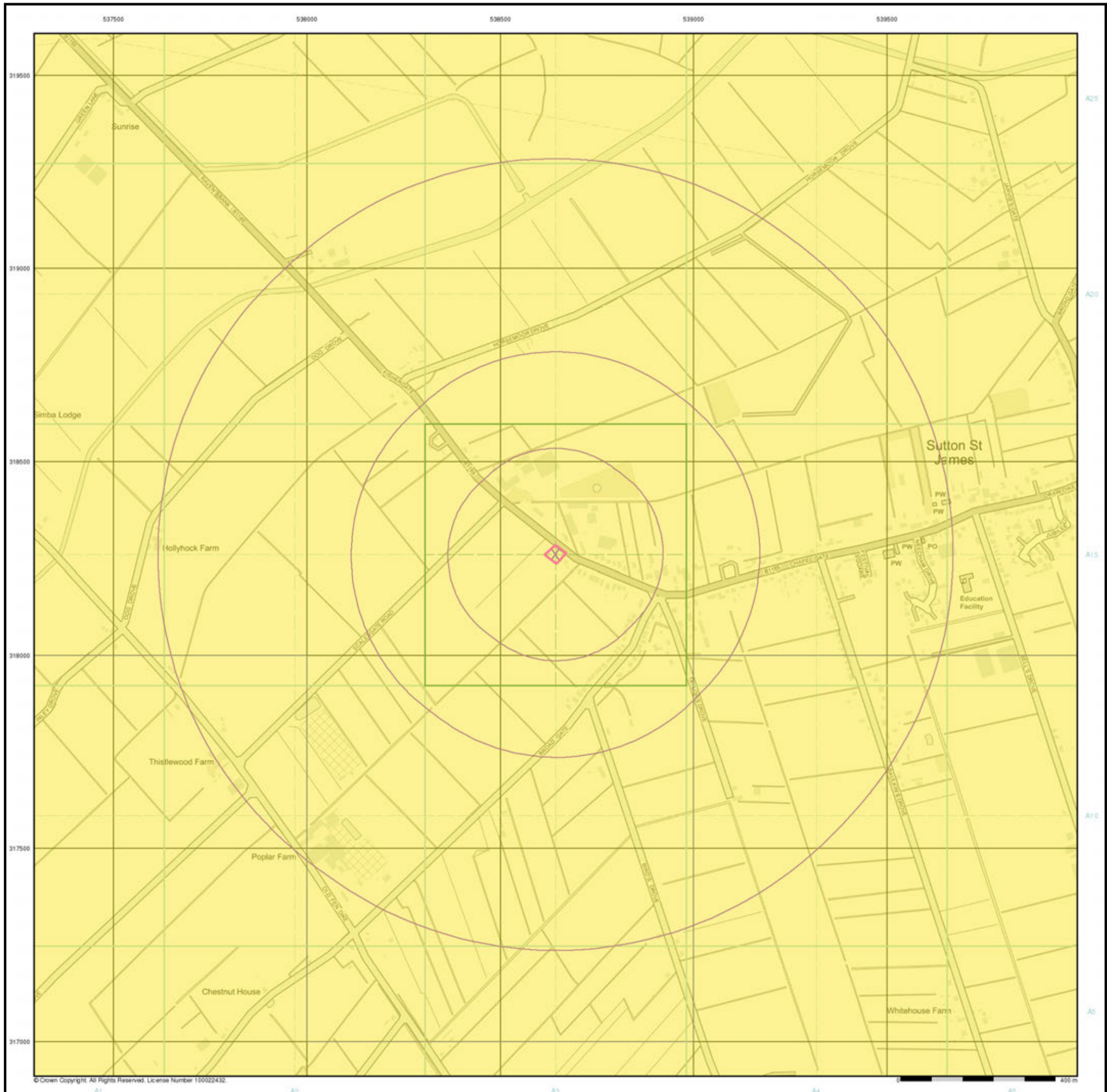
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Customer Ref:	2005001.001
National Grid Reference:	538640, 318260
Slice:	A
Site Area (Ha):	0.14
Search Buffer (m):	1000

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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



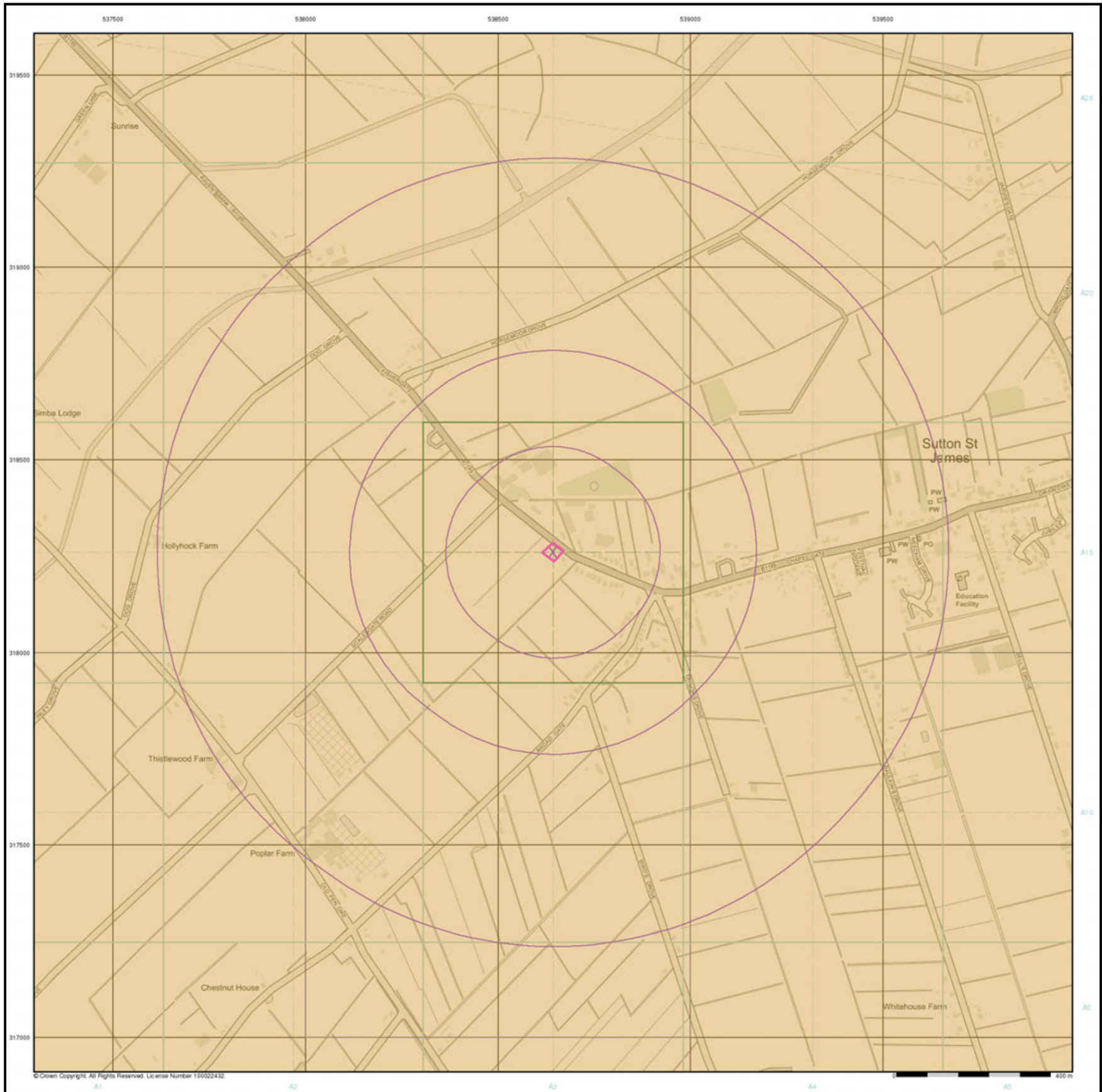
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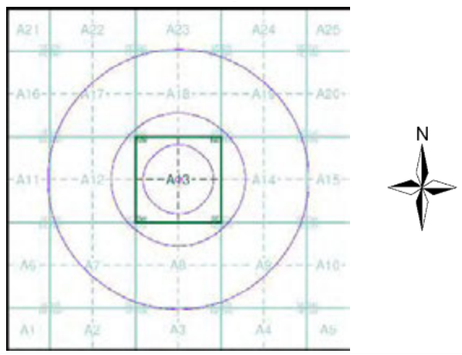
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



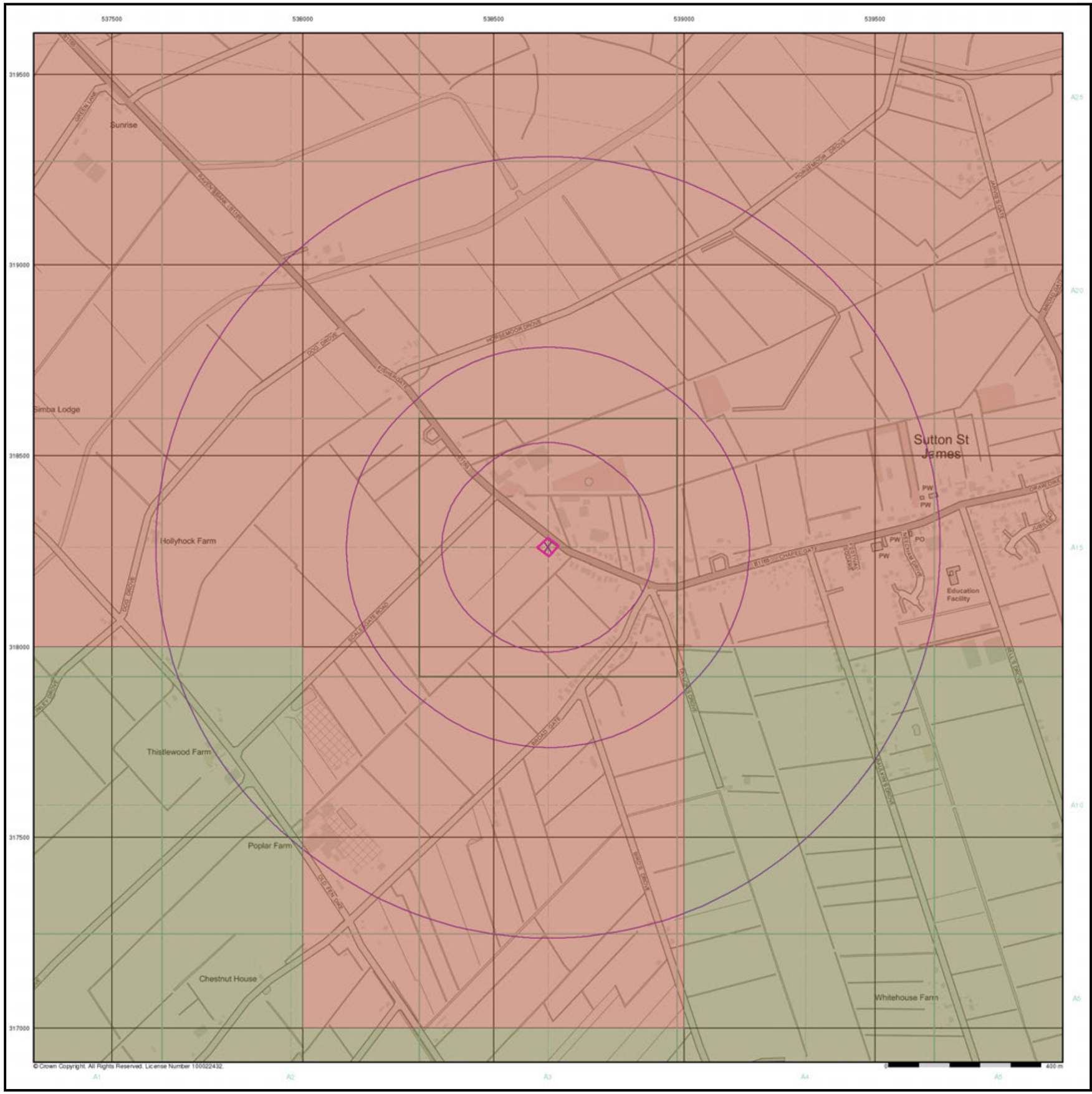
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General

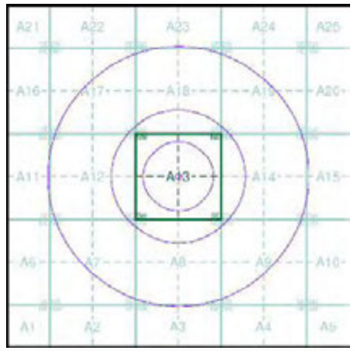
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



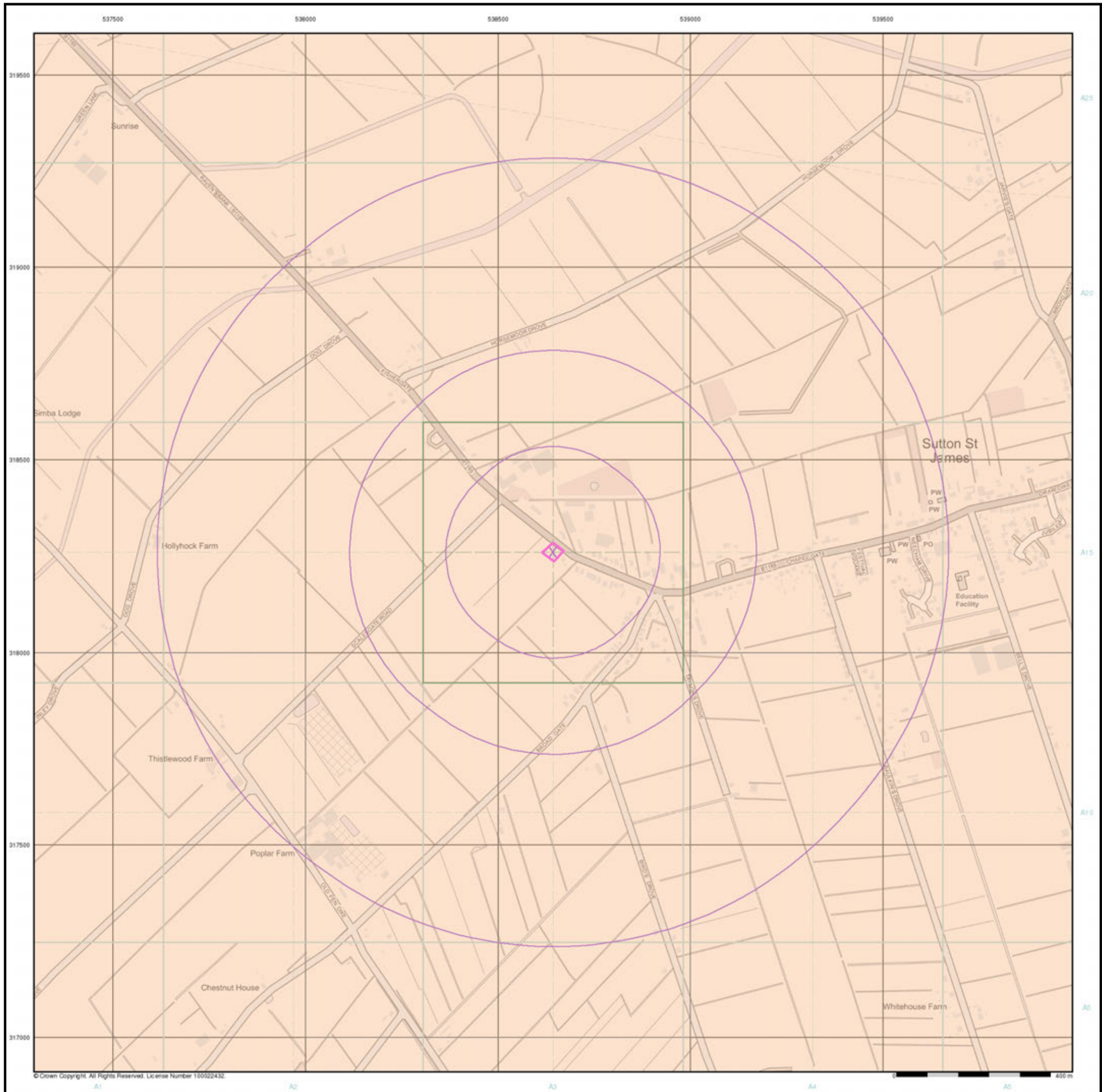
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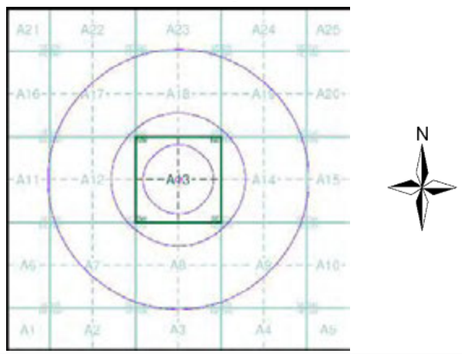
Specified Site Specified Buffer(s) X Bearing Reference Point

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



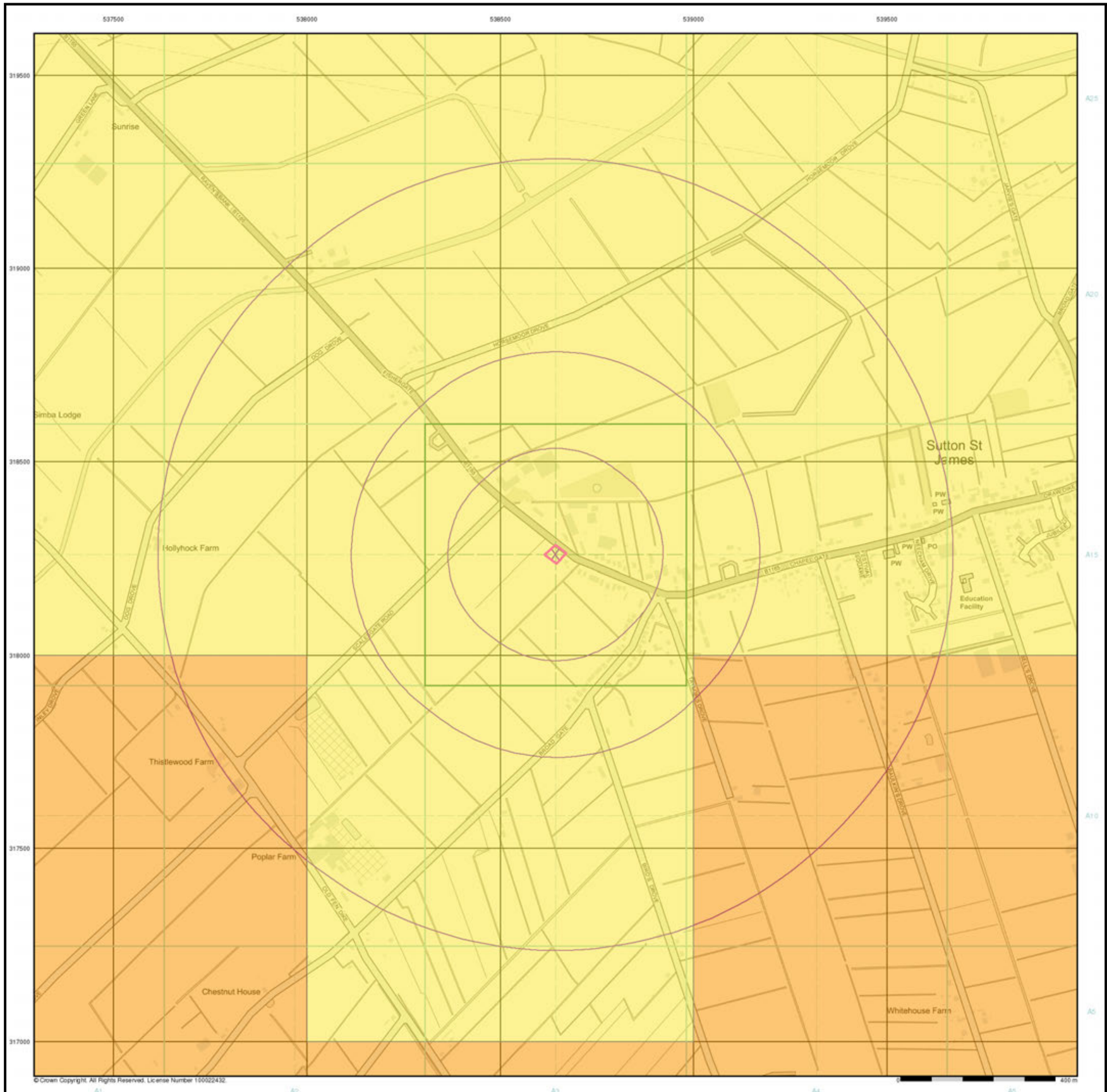
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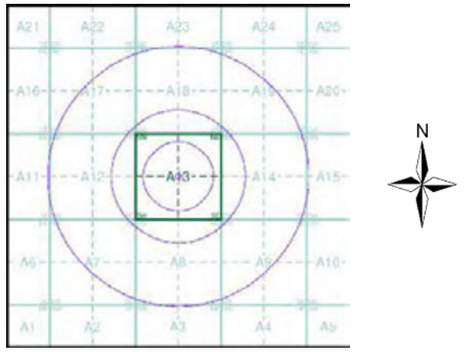
Specified Site | Specified Buffer(s) | X Bearing Reference Point

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



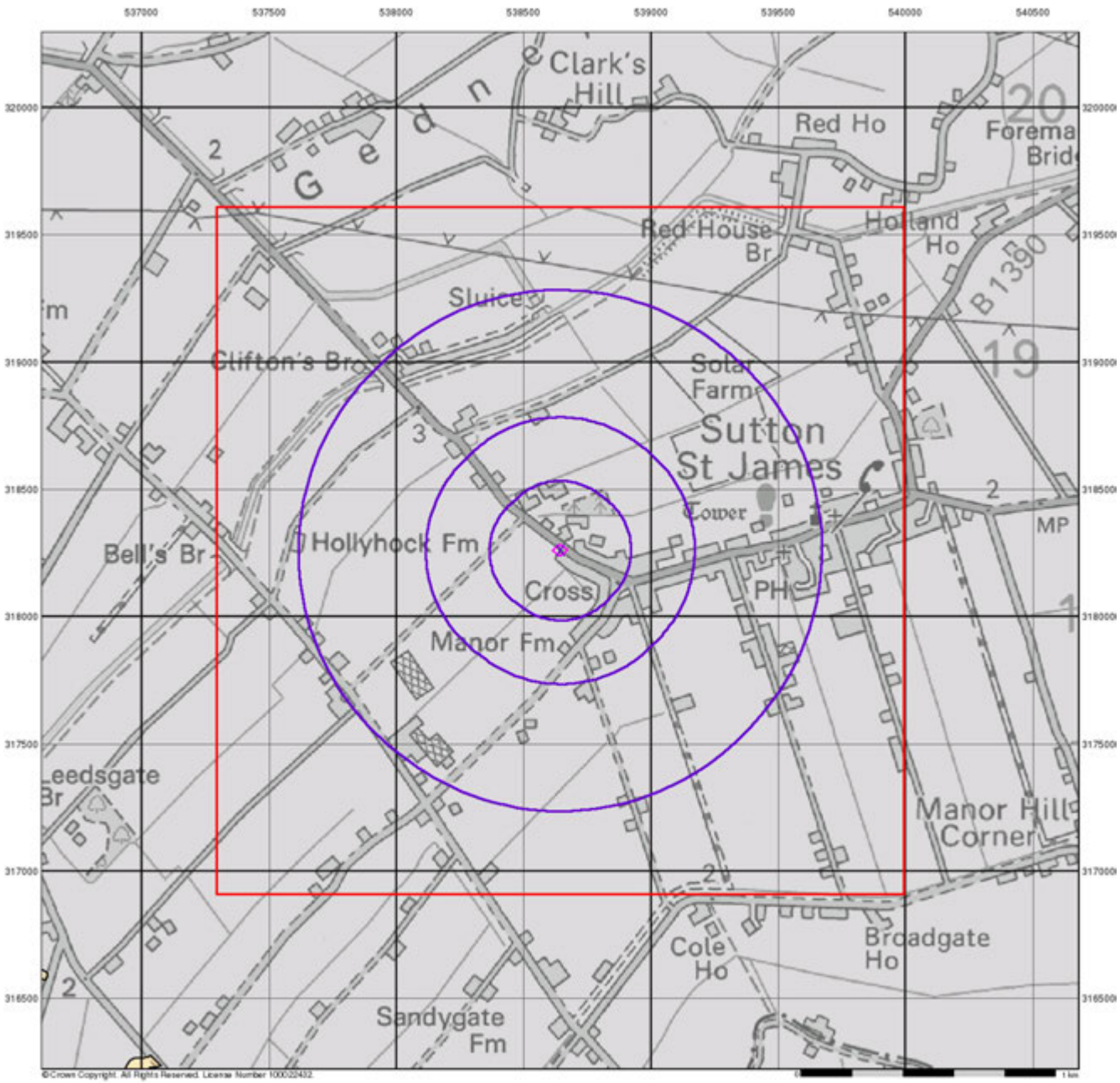
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Groundwater Vulnerability

General

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

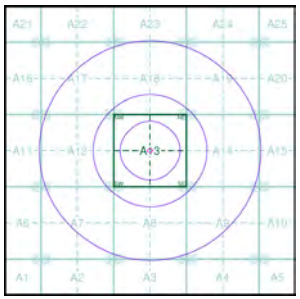
Agency and Hydrological

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



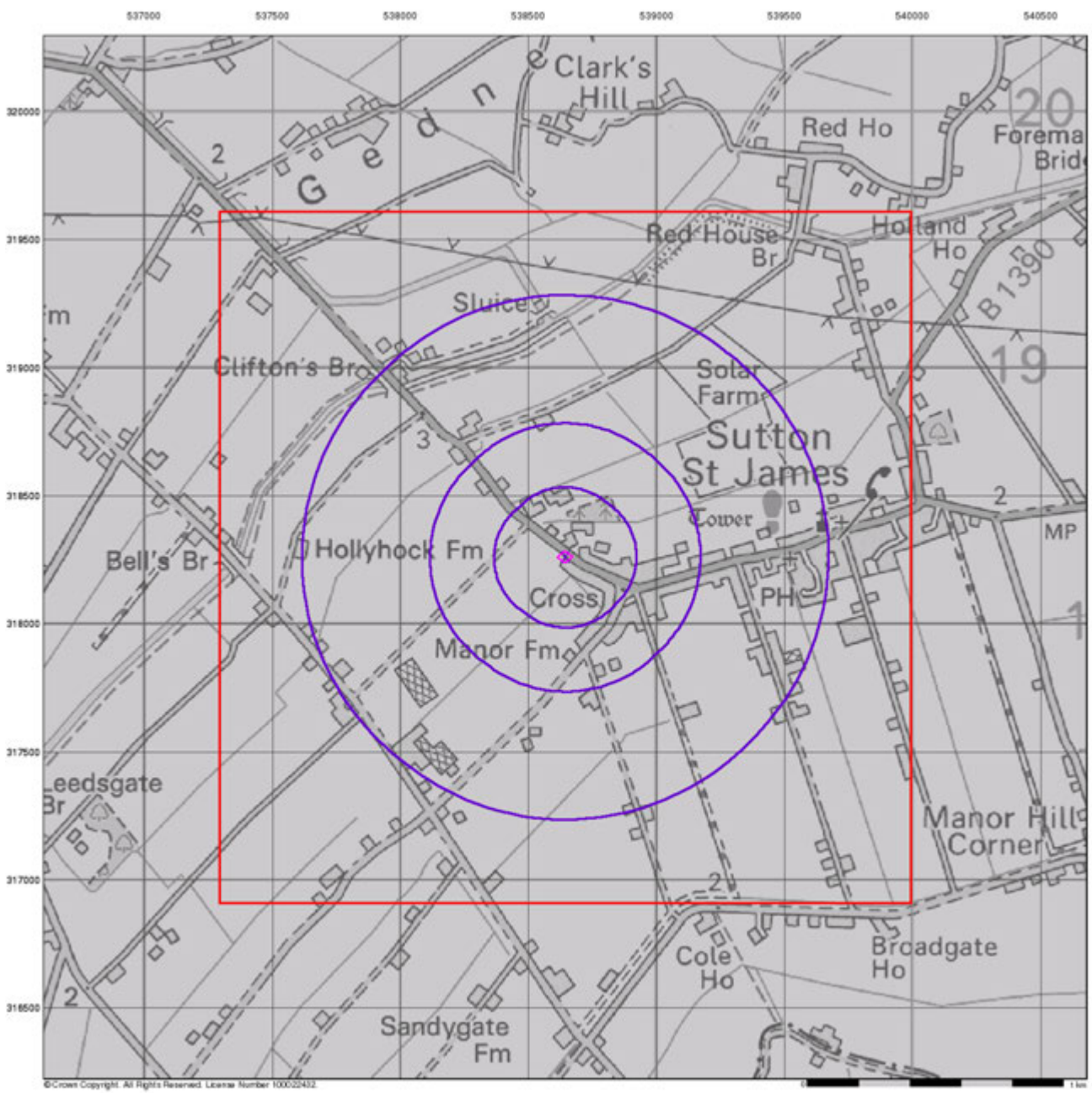
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Bedrock Aquifer Designation

General

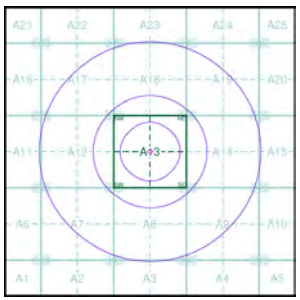
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

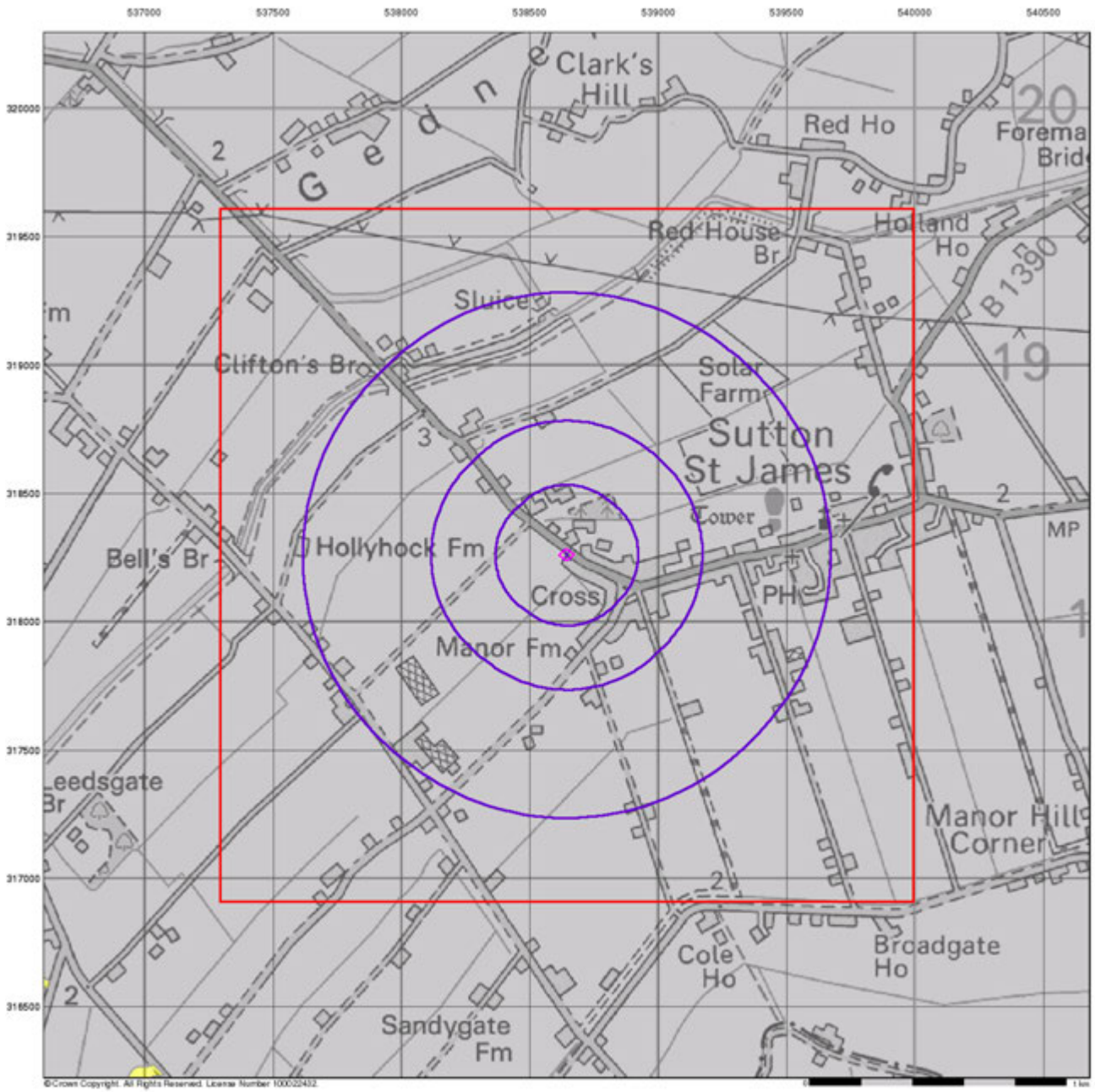


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Superficial Aquifer Designation

General

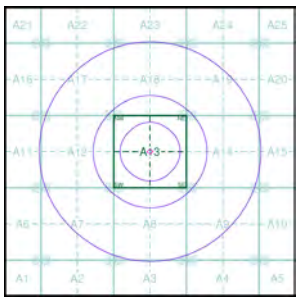
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A

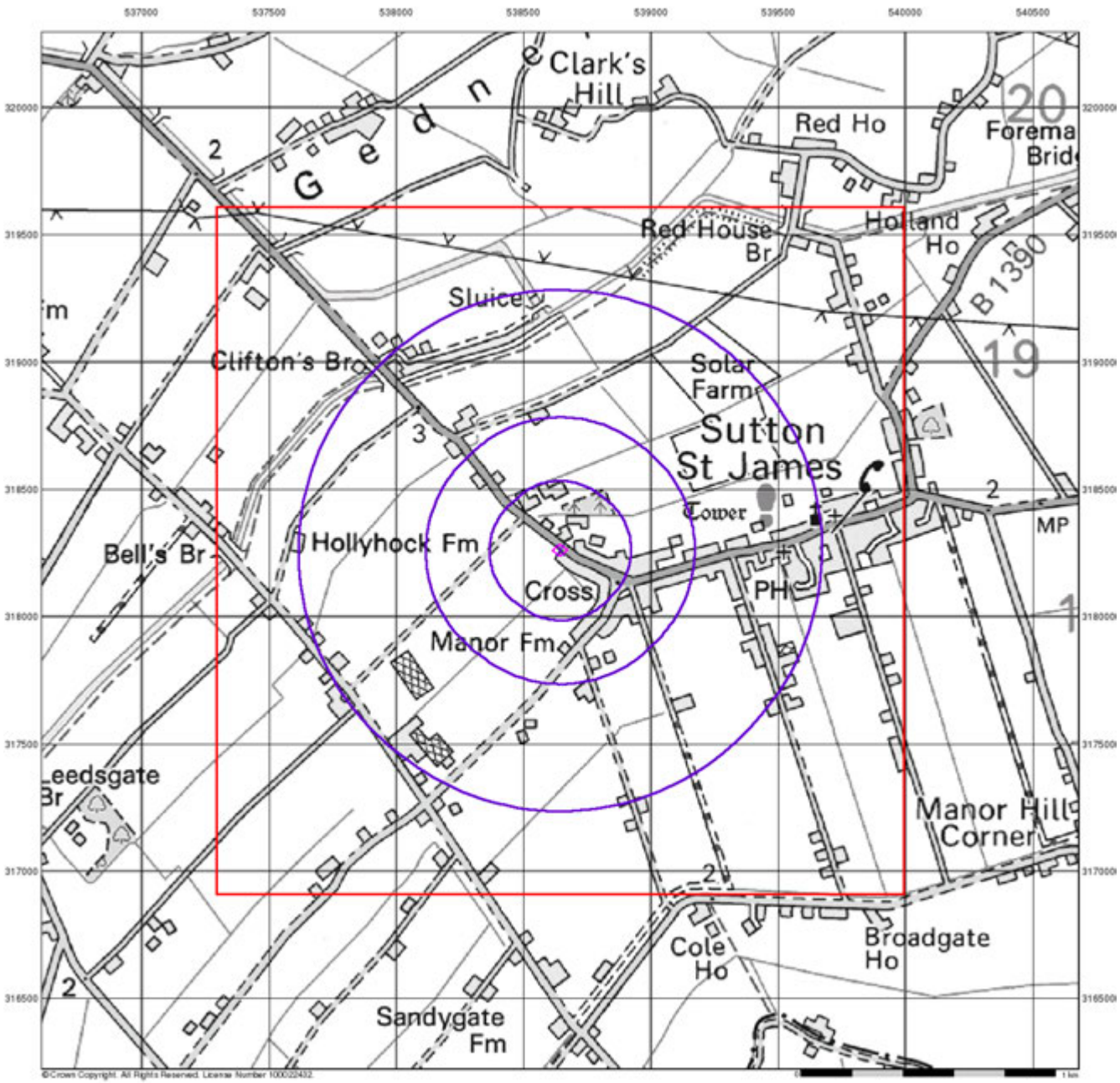


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Source Protection Zones

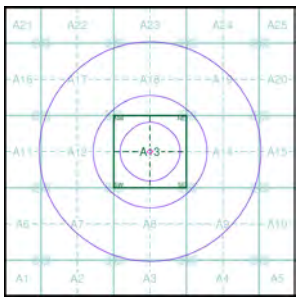
General

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



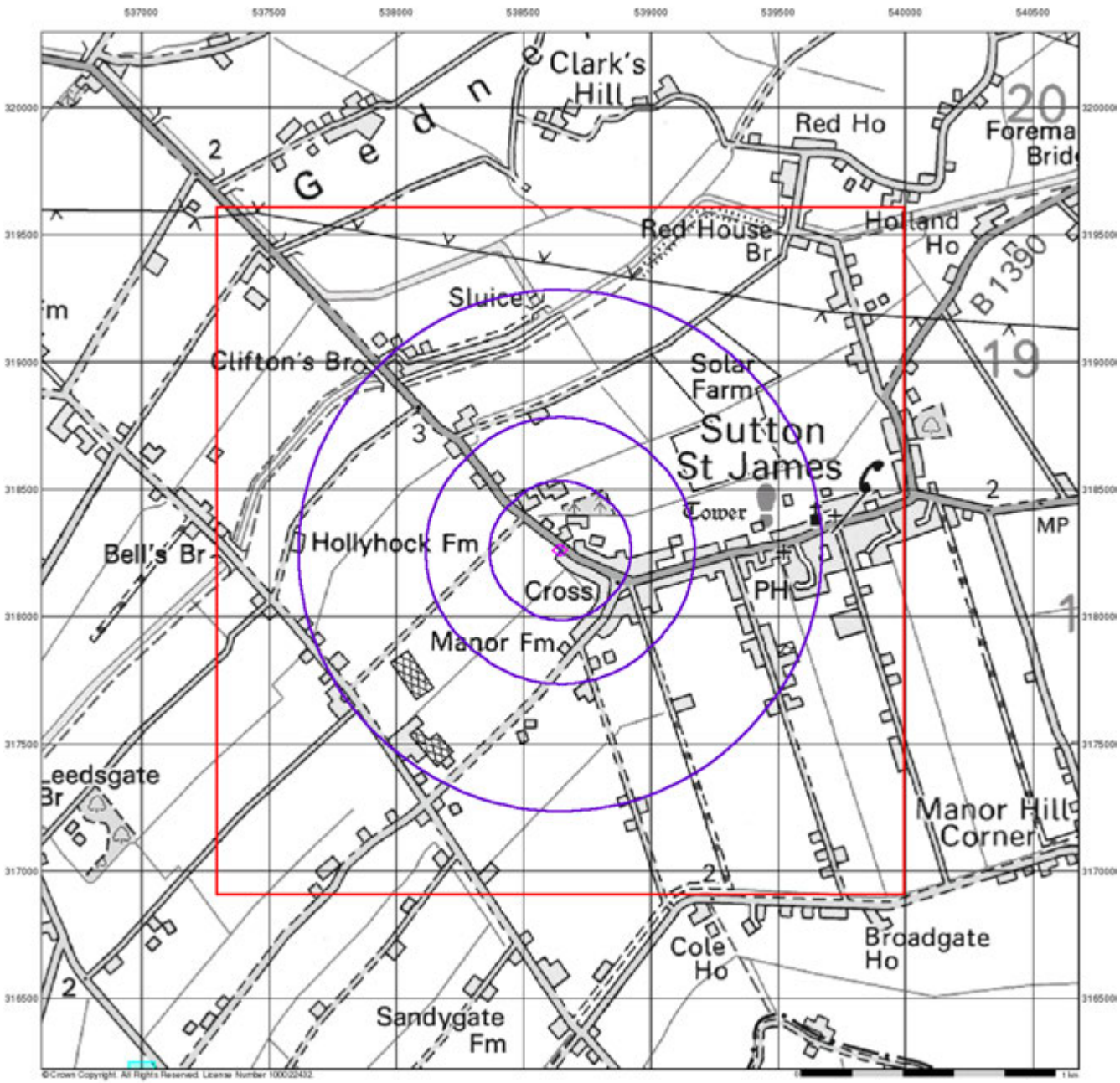
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BGS Flood GFS Data

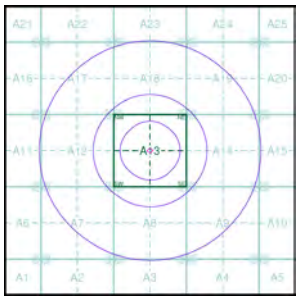
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



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Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TFD	Tidal Flat Deposits	Clay and Silt	Not Supplied - Holocene
	TFD1	Tidal Flat Deposits, 1	Clay and Silt	Not Supplied - Quaternary
	TFD1	Tidal Flat Deposits, 1	Sand and Silt	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WWB	West Walton Formation	Mudstone and Siltstone	Not Supplied - Oxfordian
	AMC	Ampthill Clay Formation	Mudstone	Not Supplied - Oxfordian

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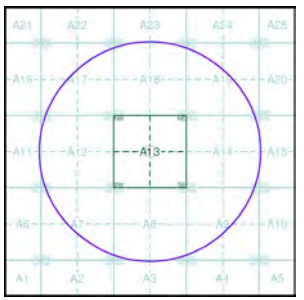
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**144**
Map Name:	**Spalding**
Map Date:	**1992**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Not Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A

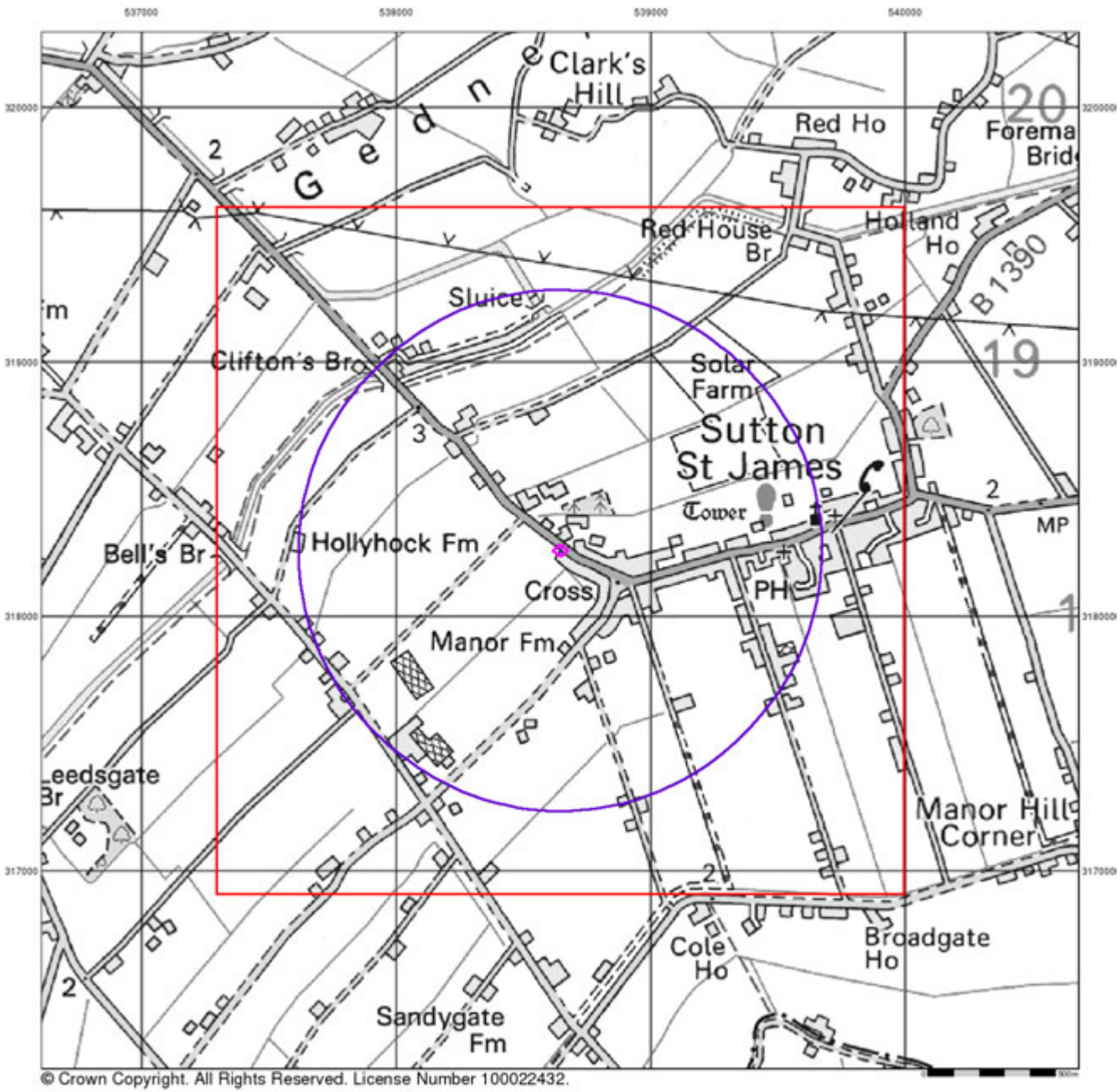


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Artificial Ground and Landslip

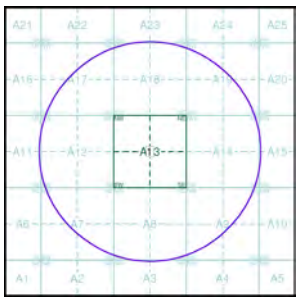
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



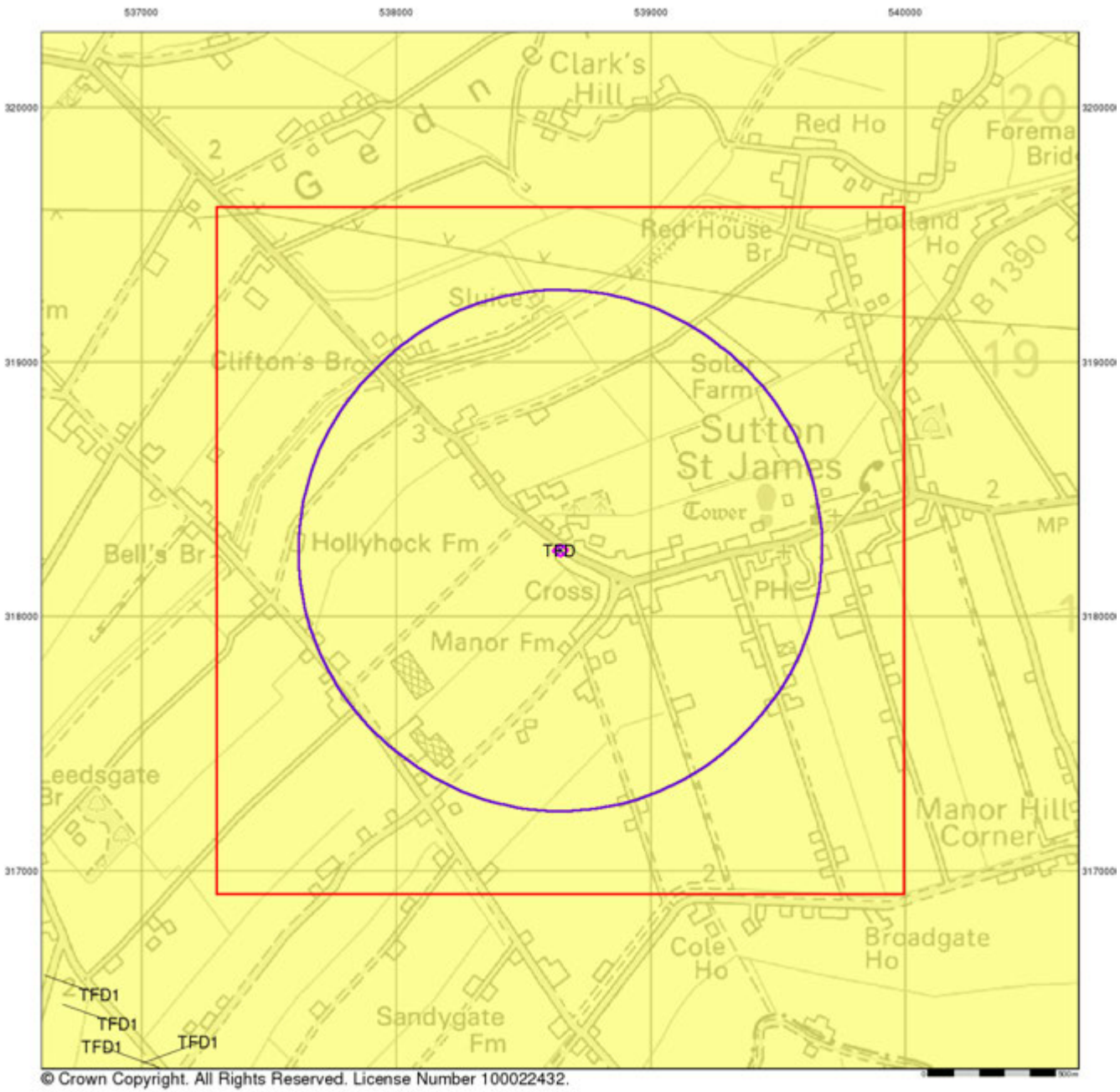
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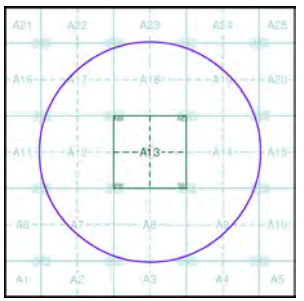
Superficial Geology

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

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

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

Superficial Geology Map - Slice A

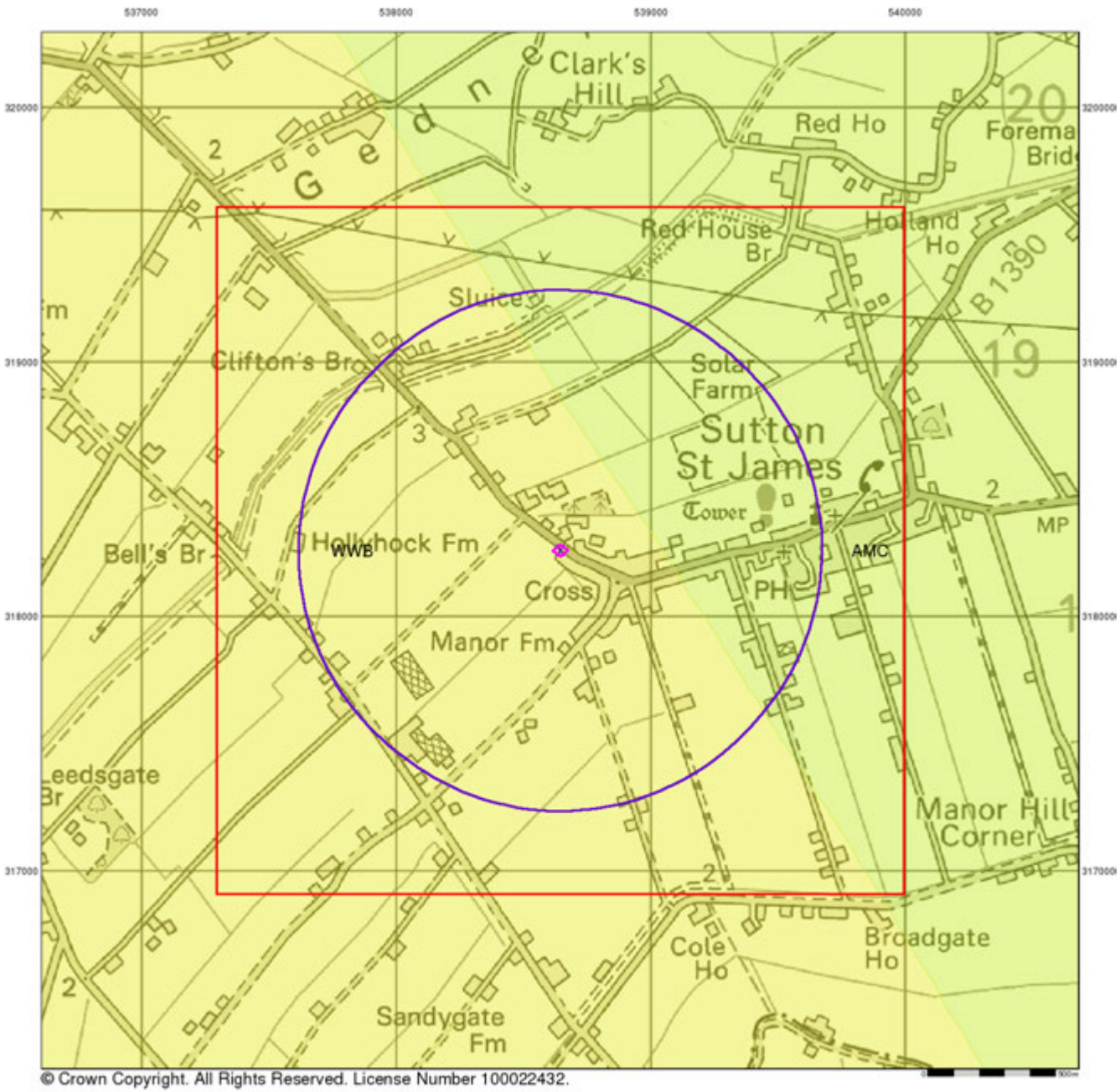


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Bedrock and Faults

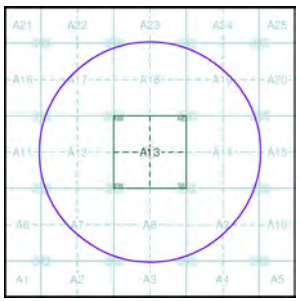
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



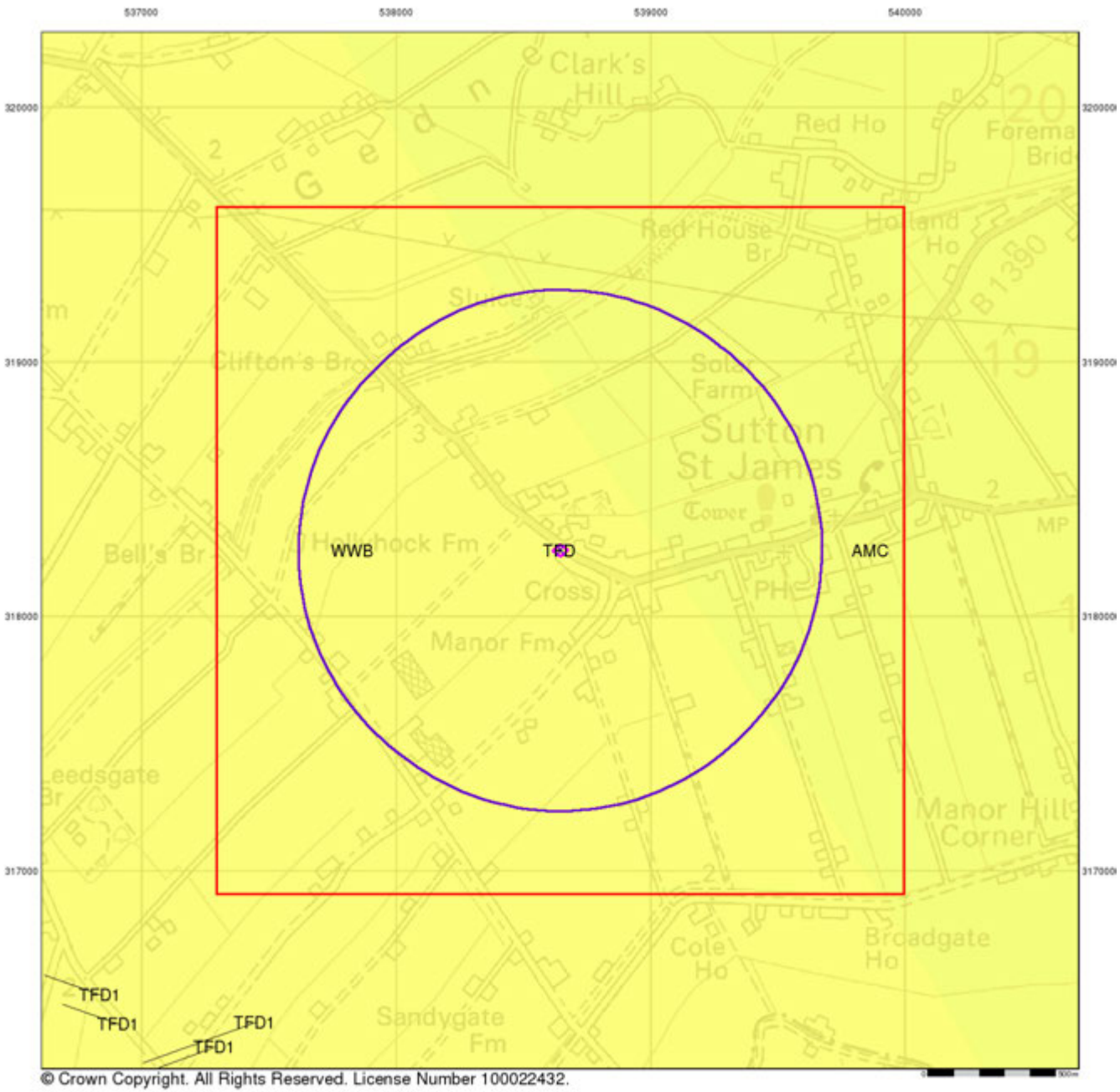
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Combined Surface Geology

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

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

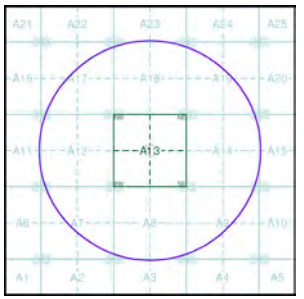
Additional Information

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

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Combined Geology Map - Slice A



Order Details:

Order Number:	243727539_1_1
Customer Reference:	2005001.001
National Grid Reference:	538640, 318260
Slice:	A
Site Area (Ha):	0.14
Search Buffer (m):	1000

Site Details:

Land of Flshergate, Sutton St. James, Spalding, PE12 0EN

Appendix D

Risk Methodologies and Evaluation

Risk Evaluation

The qualitative assessment methodology presented in CIRIA publication C552 (2001) titled *'Contaminated Land Risk Assessment: A Guide to Good Practice'* has been used by TEC for the basis of evaluating potential risk.

The method requires an assessment of the:

- magnitude of the probability or likelihood of the risk occurring (Table 1); and
- magnitude of the potential consequence or severity of the risk occurring (Table 2)

Table 1. Classification of Probability

Classification	Definition
High likelihood	There is a pollution linkage and an event that either appears very likely in the short-term and almost inevitable over the long-term, or there is evidence at the receptor of harm or pollution.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short-term and likely over the long-term.
Low likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such an event would take place, and is less likely in the short-term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long-term.

Table 2. Classification of Consequence

Classification	Definition	Examples
Severe	Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resource. (Note: Water Resources Act contains no scope for considering significance of pollution). Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem, or organisation forming part of such ecosystem (note: the definitions of ecological systems within the draft circular on Contaminated Land, DETR, 2000).	High concentrations of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site into controlled water. Explosion, causing building collapse (can also equate to a short-term human health risk if buildings are occupied).
Medium	Chronic damage to human health ("significant harm" as defined in DETR, 2000). Pollution of sensitive water resources. (Note: Water Resources Act contains no scope for considering significance of pollution). A significant change in a particular ecosystem, or organism forming part of such ecosystem, (note: the definitions of ecological systems within draft circular on Contaminated Land, DETR, 2000).	Concentration of a contaminant from site exceeding the generic or site-specific assessment criteria. Leaching of contaminants from a site to a major or minor aquifer. Death of a species within a designated nature reserve.
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ("significant harm" as defined in the draft circular on Contaminated Land, DETR, 2000). Damage to sensitive buildings/structures/services or the environment.	Pollution of non-classified groundwater. Damage to building rendering it unsafe to occupy (for example foundation damage resulting in instability).
Minor	Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc), easily repairable effects of damage to buildings, structures and services.	The presence of contaminants at such concentrations that protective equipment is required during site works. The loss of plants in a landscaping scheme. Discolouration of concrete.

The combination of the two factors is determined using Table 3 and the resulting level of risk is described in Table 4. The evaluation can be applied to each of the scenarios identified in the risk model and the overall risk assessed.

Table 3. Combination of Consequence with Probability

		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**	**Very Low Risk**
	Unlikely	**Moderate/Low Risk**	**Low Risk**	**Very Low Risk**	**Very Low Risk**

Table 4. Description of risks and likely action required

Very High Risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, or there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High Risk	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short-term and are likely over the longer-term.
Moderate Risk	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the long-term.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

Using the risk model the pollutant linkages are identified and a preliminary estimate of risk undertaken. If there is no pollutant linkage identified, then there is no risk. If the estimate of risk for all the linkages and exposure scenarios is very low at this stage then it is likely that no further assessment will be required.