



Phase I Desk Study Report

Land South of the A17, Holbeach

**For South Holland District Council and
Lincolnshire Country Council**

Delta-Simons Project No. 16-0574.01

Dated: August 2016

TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 Authorisation	1
1.2 Context & Purpose	1
1.3 Scope of Works.....	2
1.4 Data Sources & Third Party Information	2
1.5 Limitations.....	2
2.0 REVIEW OF SITE SETTING, HISTORY & REGULATORY INFORMATION	4
3.0 CONCEPTUAL SITE MODEL	6
3.1 Introduction	6
3.2 Conceptual Model & Risk Assessment.....	6
4.0 CONCLUSIONS & RECOMMENDATIONS	10
4.1 Conclusions.....	10
4.2 Recommendations	10
5.0 LIMITATIONS TO ENVIRONMENTAL ASSESSMENTS	12

Tables

Table 1	Scope of Works
Table 2	Identified Pollutant Linkages

Figures

Figure 1	Site Location Map
Figure 2	Relevant Features Map
Figure 3	Proposed Masterplan

Appendices

Appendix I	Historical Maps
Appendix II	Envirocheck Report
Appendix III	Risk Definitions

**PHASE I DESK STUDY REPORT
LAND SOUTH OF THE A17, HOLBEACH
FOR SOUTH HOLLAND DISTRICT COUNCIL AND LINCOLNSHIRE COUNTY
COUNCIL
DELTA-SIMONS PROJECT NO. 16-0574.01**

1.0 INTRODUCTION

1.1 Authorisation

Delta-Simons Environmental Consultants Limited ('Delta-Simons') was instructed by Robert Doughty Consultancy on behalf of South Holland District Council and Lincolnshire County Council (the 'Client') to undertake a Phase I Desk Study for land located off the A17, Welborne Lane West, Holbeach (hereafter referred to as the 'Site').

1.2 Context & Purpose

The purpose of the Phase I Desk Study is to determine whether any contamination or potential sources of contamination present at the Site represent a potential risk to the proposed development, the wider environment, and/or surrounding land users to support an Outline Planning Application.

The Assessment will adhere to the principal aims of BS10175:2011+A1:2013 and CLR11 with regard to the consideration of potential soil and groundwater contamination and ground gas. In summary the Assessment will:

- △ Assess the likelihood of finding contamination, its nature and its extent;
- △ Evaluate the environmental setting of the Site and identify sensitive receptors;
- △ Provide information from which likely contaminant-pathway-receptor relationships can be identified and formulate a Conceptual Site Model (CSM) in relation to the proposed development; and
- △ Consider the requirement for an intrusive Site investigation.

1.3 Scope of Works

The scope of works for the Phase I Desk Study is presented in Table 1.

Table 1 - Scope of Works

Data Collection	<ol style="list-style-type: none">1. Review the environmental setting of the Site, including:<ul style="list-style-type: none">– Review of current use/status of Site and adjacent areas; and– Review of the geology, hydrogeology, hydrology and environmental sensitivity of the Site;2. Review the history of the Site using historical OS maps;3. Review the Site and surrounding area using an Envirocheck report;4. Undertake an inspection of the Site.
Interpretation & Reporting	<ol style="list-style-type: none">5. Formulate an initial CSM;6. Undertake a preliminary risk assessment;7. Assess the need for, and scope of, further investigation; and8. Prepare a final report.

1.4 Data Sources & Third Party Information

In completing this Assessment, Delta-Simons has utilised the following information:

- Δ A proposed masterplan provided by the Client;
- Δ An Envirocheck report with the associated historical land use maps;
- Δ British Geological Survey online data; and
- Δ Environment Agency online data.

1.5 Limitations

This Report provides an assessment of the potential contamination status of the ground below the Site based upon the available information. It does not provide a flood risk assessment and as such, any comments relating to such matters are for information only.

In summary, the Phase I Desk Study has been produced in accordance with the principles of BS10175 in relation to a Preliminary Investigation. However, although reference may be made to archaeological and ecological issues, or the potential presence of Asbestos Containing Materials (ACMs), the Report does not constitute an archaeological or ecological assessment, nor does it constitute an asbestos inspection.

Delta-Simons obtained, reviewed and evaluated information in preparing this Report from the Client, Envirocheck and others. Delta-Simons' conclusions, opinions and recommendations are based upon this information. Delta-Simons does not warrant the accuracy of the information provided to it and will not be responsible for any

opinions which Delta-Simons has expressed, or conclusions which it has reached in reliance upon information which is subsequently proven to be inaccurate.

2.0 REVIEW OF SITE SETTING, HISTORY & REGULATORY INFORMATION

Site Location	<p>The Site is approximately 17 hectares (Ha) and is centred on National Grid Reference (NGR) 534940, 325800, located off the A17, Welbourne Lane West, Holbeach, PE12 7BF.</p> <p>The Site is an irregular shaped parcel of land comprising a farm, depot and surrounding fields. It is believed the depot/farm is used as an agricultural and chemical merchant (Frontier Agriculture Ltd).</p> <p>A location map of the Site is shown as Figure 1.</p>
Current Site Use & Surrounding Area	<p>A Delta-Simons representative attended Site on the 22nd July 2016, to undertake a Site walkover. The relevant features identified during the walkover are shown in Figure 2 and are described below.</p> <p>The majority of the Site comprises agricultural fields, with Distillery Farm in the eastern area of the Site. The farm is currently used as an agricultural chemical merchant, and houses several buildings including: an active workshop & disused portable office cabin to the east and a utility building housing an on-Site chemical treatment plant (connected to the vehicle wash-down area), two open sided barns and several business premises in the largest building to the west. Asbestos warning labels are present on several of these buildings.</p> <p>Bunded above ground tanks are present in the southern central part of the farm and were noted to contain fuel for the heating of buildings and use of machinery, as well as containers for pesticide and herbicide. Several above ground water storage tanks are also present.</p> <p>Furthermore, it was stated by an employee, present during the Site visit, that an underground tank may be present below the vehicle chemical wash-down treatment building to the north-west of the farm. In addition to this, it was stated that there is an on-Site underground sewage water treatment facility to the north-east.</p> <p>The external surface of the farm is predominantly concrete hardstanding with areas of soil vegetated with grass to the south, east and west. The remainder of the Site comprises agricultural crop.</p> <p>The Site was relatively flat and level, consistent with the surrounding area.</p> <p>The Site is bounded by drainage ditches and the A17 & A151 roads to the north and east, agricultural fields to the south and Hungerdike Gate to the west.</p>
Proposed Development	<p>It is understood the Site is proposed for a mixed use development zone, including logistics park, research and development zone, education zone and an engineering zone. A Proposed Master Plan is included as Figure 3.</p>
Geology	<p>Reference to the BGS Geology of Britain viewer indicates that the Site is underlain by superficial Tidal Flat Deposits (Clay and Silt). The bedrock below the Site comprises the mudstone and siltstones of the West Walton Formation (Mudstone and Siltstone).</p>
Hydrogeology	<p>The Environment Agency (EA) Aquifer Designations indicate that the superficial deposits and underlying bedrock are classified as Unproductive Strata.</p> <p>The Site is not located within a Source Protection Zone (SPZ).</p>
Hydrology	<p>No surface water or groundwater abstraction points are recorded within 1 km</p>

	<p>of the Site.</p> <p>The nearest surface water feature is a drain on-Site. The nearest significant water feature is New River (drain) approximately 60 m east and the River Whaplode located approximately 900 m north-west.</p> <p>The Site is located within a Flood Zone 3 area and is considered by the EA to be at risk from tidal or fluvial flooding.</p> <p>Coal The Site is not located within an area that is likely to be affected by coal mining activity.</p> <p>Radon The Envirocheck Report indicates that the Site is not located within an area where radon protection measures are required in the construction of new buildings.</p>
<p>Historical Map Review</p> <p>Site:</p> <p>Surrounding Area:</p>	<p>Historical maps for the Site have been obtained and reviewed from between 1888 and 2016 these are included as Appendix I, however, a summary of the key information is provided below.</p> <p>The earliest mapping shows unlabelled buildings present in the north and south of the Site with the remaining area comprising undeveloped fields and woodland.</p> <p>By 1931 an additional building is shown in the centre of the Site.</p> <p>Distillery Farm is labelled by the 1969 map edition and further buildings are present in the west.</p> <p>By the 1977 map edition the buildings in the east are likely to have been demolished and all mapped buildings lay centrally on-Site. No significant changes occurred up until the latest map edition.</p> <p>The 1888 map edition shows the surrounding area as undeveloped fields and woodland.</p> <p>Prior to circa 1997 the surrounding area remained largely unchanged with the A47 road constructed adjacent to the north of the Site with the A151 present along the Site's eastern boundary.</p> <p>No major changes have occurred up until the present day.</p> <p>It should be noted that numerous land drains are present within 250 m of the Site.</p>
<p>Envirocheck report:</p>	<p>The Envirocheck report has been obtained for the Site and has been included in Appendix II.</p> <p>On-Site the Envirocheck report lists the following pertinent issues:</p> <ul style="list-style-type: none"> △ Two discharge consents relating to the discharge of processed water and trade effluent to a tributary of the River Whaplode; △ One lower tier Control of Major Accident Hazards site (COMAH) associated with Frontier Agriculture Ltd; △ An inactive machinery sales (industrial and commercial) registered to Sam Ltd; and △ An active chemicals distributors and wholesalers (Frontier Agriculture Ltd). <p>The Envirocheck report has identified no potentially contaminative land uses within 250 m of the Site.</p>

3.0 CONCEPTUAL SITE MODEL

3.1 Introduction

A conceptual exposure model represents the relationships between contaminant sources, pathways and receptors, to support the identification and assessment of Possible Pollutant Linkages (PPL) and an assessment of known pollutant linkages, where identified from existing information.

Where PPLs are identified, a preliminary risk assessment is carried out to assess the likelihood that each possible linkage exists and to decide whether these pose potentially unacceptable risks to identified receptors and require further assessment. Where this linkage is of a form that subsequently leads to land being identified as 'contaminated land' under the terms of Part 2A of the Environmental Protection Act 1990 (EPA), the linkage is termed a **significant pollutant linkage**.

At the preliminary risk assessment stage, which is usually based upon desk top information, the decision on whether a PPL poses a potentially unacceptable risk is based upon professional judgement. The significance of the PPL will also be determined dependant on the context of the land use and the purpose of the assessment.

Assessing risks from land contamination underpins the "suitable for use" approach adopted for Part 2A of the EPA 1990 regulatory regime and for planning policy.

3.2 Conceptual Model & Risk Assessment

The Site currently comprises agricultural fields and Distillery Farm which comprises several buildings including an agricultural and chemical distributor. Asbestos warning labels are present on several of these buildings. Bunded above ground fuel tanks are present in the southern central part of the farm, and containers of pesticide and herbicide were noted. Furthermore, anecdotal evidence suggests an underground tank may be present below the vehicle chemical wash-down treatment building (although this is to be confirmed), and an on-Site underground sewage water treatment facility is present to the north-east. The external surface of the farm is predominantly concrete hardstanding with areas of soil vegetated with grass to the south, east and west, with the wider Site area covered in agricultural crop.

The Site is underlain by superficial Tidal Flat Deposits followed by bedrock of the West Walton Formation. Both superficial deposits and underlying bedrock are classified as Unproductive Strata. No surface water or groundwater abstraction points are recorded within 1 km of the Site.

The nearest surface water feature is present centrally on-Site and is associated with a drain. The nearest significant water feature is New River (drain) approximately 60 m east and the River Whaplode located approximately 900 m north-west. Two discharge consents are present on-Site associated with trade discharge and treated effluent. The Site is located in a predominantly agricultural area and surrounded by agricultural fields and some residential housing to the south-east towards Holbeach.

It is understood the Client is proposing to redevelop the Site as a Food Enterprise Zone (FEZ).

Based on the information obtained from this assessment, a preliminary risk assessment using the source-pathway-receptor approach has been formulated, which identifies plausible pollutant linkages at the Site in the context of the proposed end-use. These are detailed in Table 2 and Risk Definitions are provided in Appendix III.

Table 2 - Identified Pollutant Linkages

Source	Pathway	Receptor	Matrix Assessment	Assessment of Linkage Significance
<p>Potential contamination from above and under-ground fuel tanks.</p> <p>Current use as an agricultural and chemical distributor including pesticide and herbicide storage.</p>	<p>Direct contact/ ingestion and inhalation of dust, vapours and asbestos fibres.</p>	<p>Future Site users.</p> <p>Groundworkers during the redevelopment or during any sub-surface maintenance works.</p>	<p>Low to Medium Risk</p>	<p>Sources of contamination have been identified predominantly in the area of the farm/depot and an environmental investigation is recommended at the time of any geotechnical assessment to advise on the soil quality beneath the Site, which should include limited testing for pesticides and herbicides.</p> <p>In the event that contamination may be present groundworkers should use appropriate Personal Protective Equipment (PPE) and maintain good standards of hygiene to be protected from any soil contamination which may be present.</p> <p>It is likely that the majority of the development site area will be covered in buildings/hardstanding as such, the risk to future site users coming in to contact with contamination is considered low. A clean layer of certified suitable for use topsoil will be required in landscaped areas, if proposed. Existing topsoil from across the wider development area may be suitable subject to appropriate testing.</p> <p>A "Hot Spot" protocol should be put in place for groundwater to act upon should suspected contamination be identified.</p>
	<p>Leaching of contamination into groundwater.</p>	<p>Controlled Waters.</p>	<p>Low Risk</p>	<p>An environmental investigation is recommended at the time of any geotechnical assessment to advise on the soil quality beneath the Site and the risk to controlled waters.</p> <p>The Site is underlain by impermeable Unproductive Strata, as such leaching and migration of contamination to controlled waters is considered negligible.</p>
<p>Potential contamination from unrecorded sources on- and off-Site.</p>	<p>Vertical and lateral migration of contamination through permeable deposits below the Site.</p>	<p>Property in the surrounding area.</p>	<p>Very Low Risk</p>	<p>The surrounding area is largely undeveloped with the nearest development being approximately 100 m away.</p> <p>Impermeable superficial deposits are underlain by low permeability bedrock which may restrict groundwater flow and the migration of contamination off-Site.</p>
	<p>Service conduits.</p>	<p>Direct infiltration in water supply pipes.</p>	<p>Low Risk</p>	<p>It is considered prudent to undertake hydrocarbon testing of the shallow soils at the time of any environmental investigation to provide recommendations for the upgrading of any potable service pipes.</p>
	<p>Plant uptake.</p>	<p>Vegetation in the surrounding areas.</p>	<p>Low Risk</p>	<p>A clean certified layer of topsoil may be required in landscaped areas, if proposed. Existing topsoil from across the wider development area may be suitable subject to appropriate testing. A limited Environmental Assessment is recommended to confirm the requirements of any clean cover.</p>

Source	Pathway	Receptor	Matrix Assessment	Assessment of Linkage Significance
Potentially contaminated soil and groundwater from off-Site sources.	Lateral migration and subsequent indoor inhalation of volatile vapours.	Groundwater beneath the Site and current and future Site users.	Very Low Risk	Significant sources of contamination have not been identified off-Site, underlying strata is also Unproductive and so migration of contamination is unlikely.
Potential for ground gas.	Accumulation of gas in enclosed spaces and sub-floor voids.	Buildings and future Site users.	Medium Risk	Ground gas has the potential to be generated from any underlying Made Ground/organic deposits. A ground gas risk assessment is recommended at the time of the Environmental Assessment. Radon gas protective measures are not required at the Site.
ACMs within current buildings on Site.	Ingestion and inhalation of dust/fibres. Release of fibres to air.	Demolition workers and future Site workers.	Medium Risk	ACMs are present and labelled within several buildings on Site. A refurbishment survey of the Site and subsequent removal of any identified ACMs should be undertaken prior to the demolition of the existing buildings.

4.0 CONCLUSIONS & RECOMMENDATIONS

4.1 Conclusions

The Site currently comprises agricultural fields and Distillery Farm which comprises several buildings including an agricultural and chemical distributor. Asbestos warning labels are present on several of these buildings. Bunded above ground fuel tanks are present in the southern central part of the farm, and containers of pesticide and herbicide were noted. Furthermore, anecdotal evidence suggests an underground tank may be present below the vehicle chemical wash-down treatment building (although this is to be confirmed), and an on-Site underground sewage water treatment facility is present to the north-east. The external surface of the farm is predominantly concrete hardstanding with areas of soil vegetated with grass to the south, east and west, with the wider Site area covered in agricultural crop.

The Site is underlain by superficial Tidal Flat Deposits (clay and silts) which is underlain by the bedrock of the West Walton Formation (mudstone and siltstones).

Following a desk study, potential sources of contamination have been identified at the Site associated with the current use of the Site including fuel, pesticide and herbicide storage and possible ACMs.

A source-pathway-receptor risk assessment has been undertaken in the context of the proposed redevelopment and in accordance with Part 2A of the EPA 1990. Possible pollutant linkages have been identified and the key potential receptors are considered to be construction workers, future Site users, controlled waters, water supply pipes, plants in the surrounding area, and buildings.

4.2 Recommendations

On the basis of the information obtained and reviewed as part of this Assessment and the conclusions drawn above, Delta-Simons considers that the following activities should be undertaken at the Site:

- △ An environmental investigation at the time of any geotechnical investigation to advise on the soil quality beneath the Site to assess the risk to the identified receptors. A ground gas assessment is also recommended to assess the risk from any Made Ground/organic deposits present below the Site;

- Δ A 'Hot Spot' protocol is recommended for dealing with encountering any unforeseen contamination during ground works at the Site;
- Δ Any construction workers should be made aware of the possibility of encountering localised contamination, specifically ACMs, and appropriate safe working methods should be in place with appropriate PPE provided as and when necessary. A hotspot protocol should be implemented to address any localised areas of unforeseen contamination;
- Δ Existing topsoil from across the wider development area may be suitable for re-use subject to appropriate testing;
- Δ Upgrading of potable water supply pipes subject to confirmation from the local water Authority; and
- Δ An appropriate asbestos survey and removal of any identified ACMs should be undertaken prior to the redevelopment of existing buildings.

5.0 LIMITATIONS TO ENVIRONMENTAL ASSESSMENTS

The recommendations contained in this Report represent Delta-Simons' professional opinions, based upon the information referred to in Section 1.0 of this Report, exercising the duty of care required of an experienced Environmental Consultant. Delta-Simons does not warrant or guarantee that the Site is free of hazardous or potentially hazardous materials or conditions.

Delta-Simons obtained, reviewed and evaluated information in preparing this Report from the Client, Landmark Information Group and others. Delta-Simons' conclusions, opinions and recommendations have been determined using this information. Delta-Simons does not warrant the accuracy of the information provided to it and will not be responsible for any opinions which Delta-Simons has expressed, or conclusions which it has reached in reliance upon information which is subsequently proven to be inaccurate.

This Report was prepared by Delta-Simons for the sole and exclusive use of the Client and for the specific purpose for which Delta-Simons was instructed as defined in Section 1.1 of this Report. Nothing contained in this Report shall be construed to give any rights or benefits to anyone other than the Client and Delta-Simons, and all duties and responsibilities undertaken are for the sole and exclusive benefit of the Client and not for the benefit of any other party. In particular, Delta-Simons does not intend, without its written consent, for this Report to be disseminated to anyone other than the Client or to be used or relied upon by anyone other than the Client. Use of the Report by any other person is unauthorised and such use is at the sole risk of the user. Anyone using or relying upon this Report, other than the Client, agrees by virtue of its use to indemnify and hold harmless Delta-Simons from and against all claims, losses and damages (of whatsoever nature and howsoever or whensoever arising), arising out of or resulting from the performance of the work by the Consultant.

This Report was prepared by:



Jack Elsome

Date: 4th August 2016.

Graduate

This Report was reviewed by:



Paul Hutesson

Date: 4th August 2016.

Principal - Regions

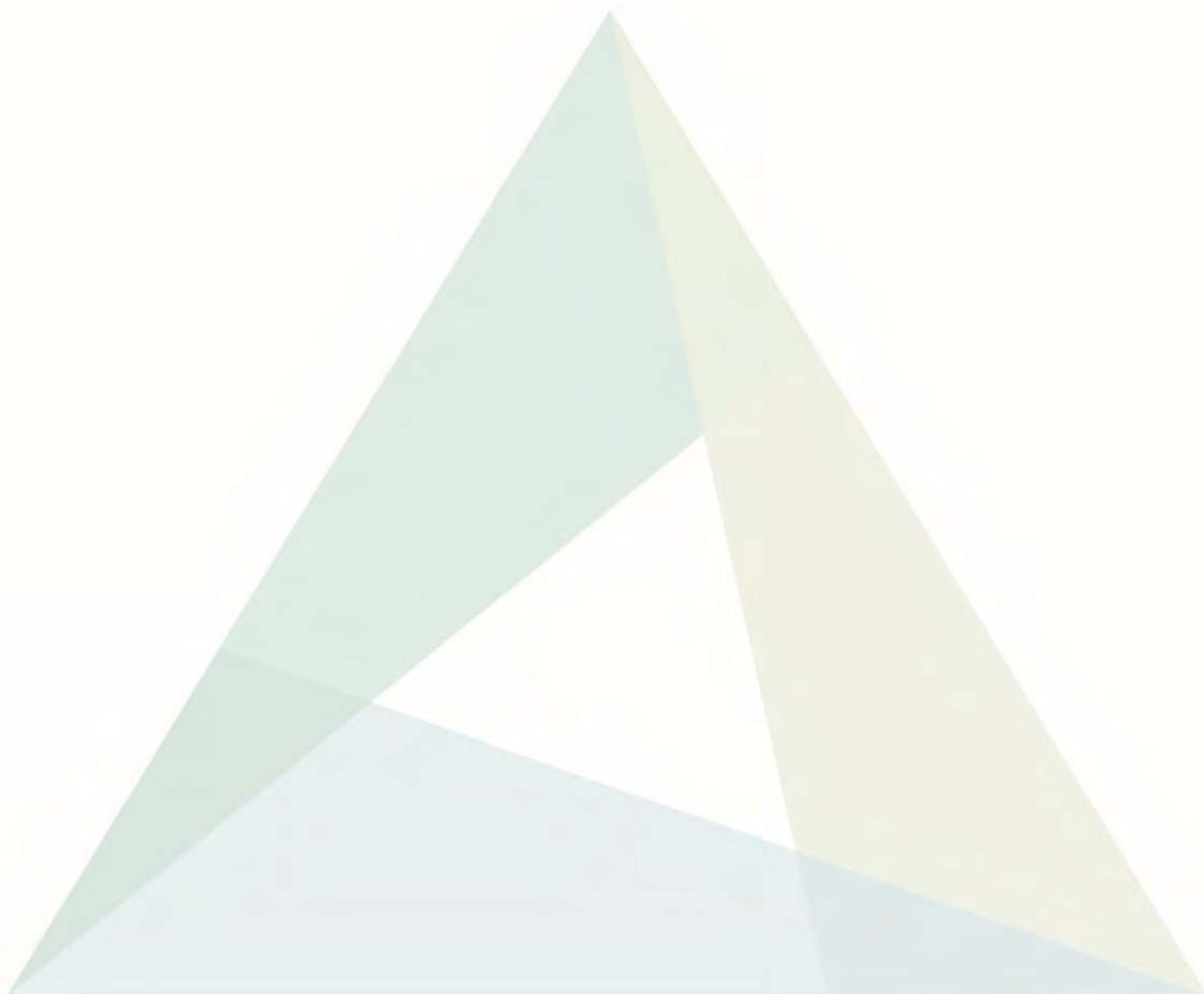
This Report was authorised by:



Paul Bennett

Date: 4th August 2016.

Unit Director – Regions

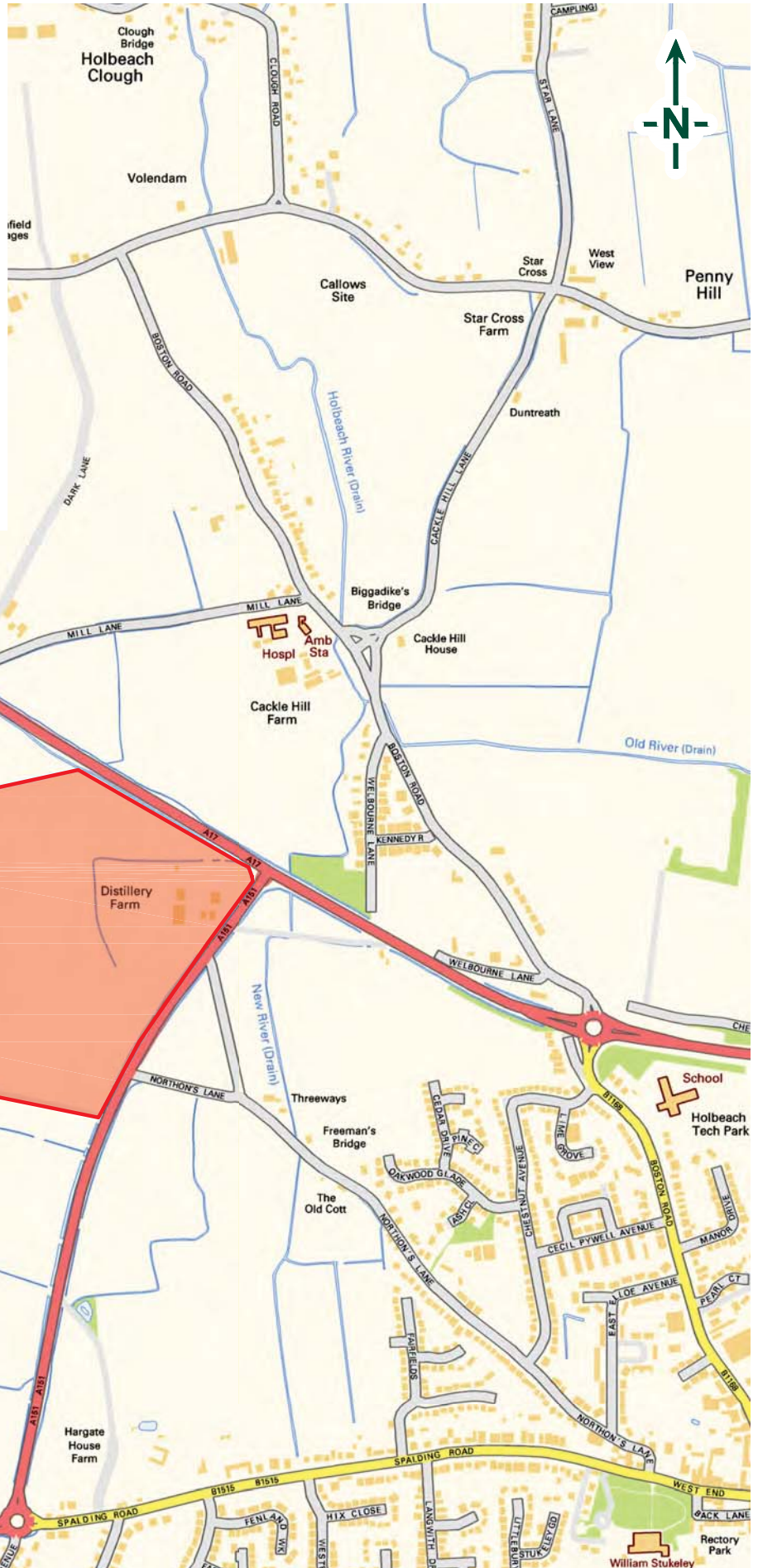




Scale: 1 / 500,000 @ A4

LEGEND

 Site Boundary



Scale: 1 / 10,000 @ A4

Ordnance Survey, (c) Crown Copyright 2015. All rights reserved.



TITLE:
Site Location Map
Land South of the A17,
Holbeach

DRAWN BY:
JC
CHECKED BY:
PH
DATE:
01 August 2016

SCALE:
To Scale @ A4
REVISION:
1

PROJECT NO:
16-0574.01
FIGURE NO:

1

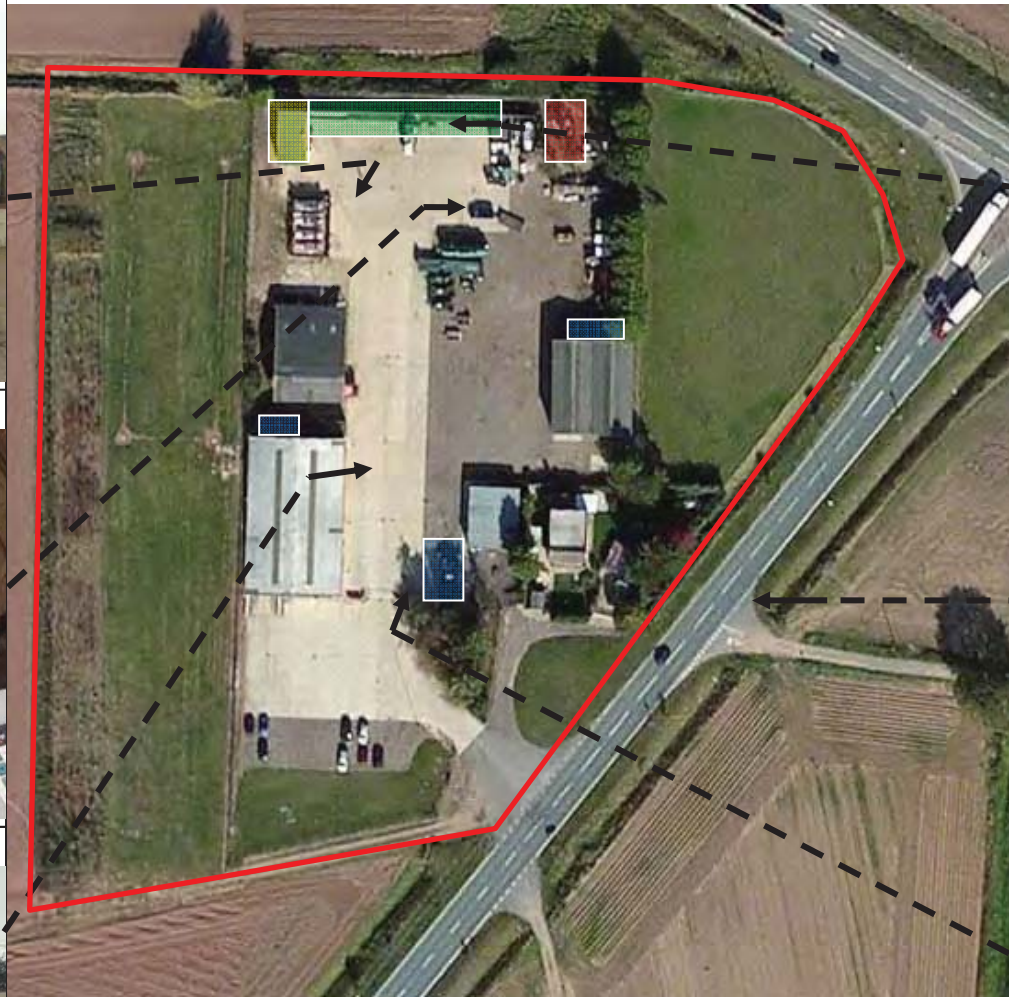
PH01: Water tanks.



PH02: Herbicide containers.



PH03: View facing east towards workshop and disused office block



LEGEND

- Site boundary
- Identified aboveground Fuel Tank
- Water treatment facility
- Vehicle washdown area
- Sewage treatment area



Note: There is uncertainty as unrecorded land use may have occurred and caused contamination that has not been identified by the observations.

PH04: Vehicle washdown trough.



PH05: On-site sewage treatment infrastructure.



PH06: Bunded aboveground fuel tanks.



TITLE:
Relevant Features Map
 Distillery Farm, Land South of the A17
 Holbeach

DWN:	JC	SCA:	Not to scale	PROJECT NO.:	16-0574.01
CHK:	PH	REV:	-	FIGURE NO.:	2
DATE:	July 2016				

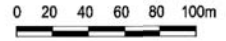


THIS DRAWING IS FOR THE PURPOSE OF OBTAINING PLANNING PERMISSION ONLY

CDM NOTE:
 The design has been undertaken as far as possible to avoid risks to health and safety or to reduce and control the effects of any unavoidable risks.
 All relevant information identifying the unavoidable risks has been passed to the planning supervisor for inclusion in the Health & Safety plan.
 The Health & Safety plan will be issued by the planning supervisor with these drawings.

Depicts extent of Distillery Farm

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Rev.	By	Notes	Date
A	JB	Distillery Farm area added	04-12-15

rdc
 Robert Doughty Consultancy
 32 High Street, Halesworth
 © Swetford, Lincolnshire NG24 0RA
 Tel: 01520 421946
 Fax: 01520 421356
 Email: admin@rdc-consultancy.co.uk
 Web: www.rdc-consultancy.co.uk

Client: SHDC & LCC

Project: Food Enterprise Zone (FEZ) Holbeach

Drawing title: Masterplan

Drawing No. 1202-1-MP01	Rev. A	Drawn WW
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Scale 1:2500@A3	Date 03/12/15	Checked LMS/MB
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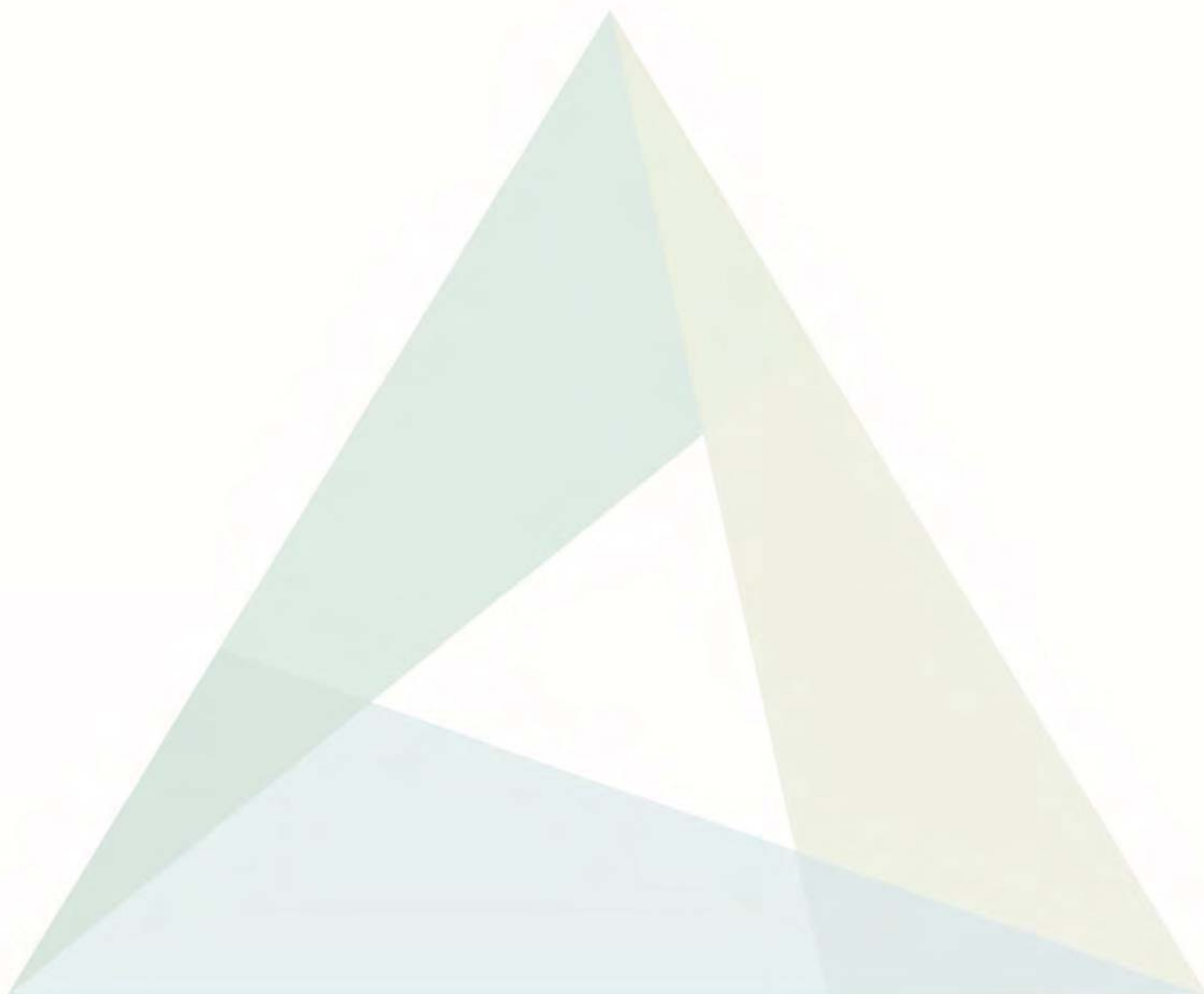
All measurements should be checked against on site conditions and any discrepancies should be brought to the attention of the Robert Doughty Consultancy.



TITLE:
 Proposed Masterplan
 Land South of the A17,
 Holbeach

DRAWN BY: DP	SCALE: Not to Scale
CHECKED BY: PH	REVISION: 1
DATE: 02 August 2016	

PROJECT NO:
 16-0574.01
 FIGURE NO:
 3



Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

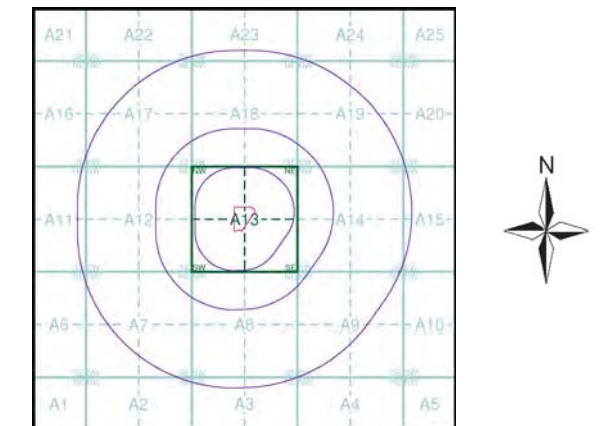
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1887	2
Lincolnshire	1:10,560	1906	3
Lincolnshire	1:10,560	1906	4
Lincolnshire	1:10,560	1931 - 1932	5
Lincolnshire	1:10,560	1931	6
Lincolnshire	1:10,560	1938 - 1952	7
Lincolnshire	1:10,560	1951 - 1952	8
Ordnance Survey Plan	1:10,000	1956 - 1959	9
Ordnance Survey Plan	1:10,000	1970 - 1977	10
Ordnance Survey Plan	1:10,000	1992	11
Historical Aerial Photography	1:10,000	1999	12
10K Raster Mapping	1:10,000	2000	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2016	15

Historical Map - Slice A



Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



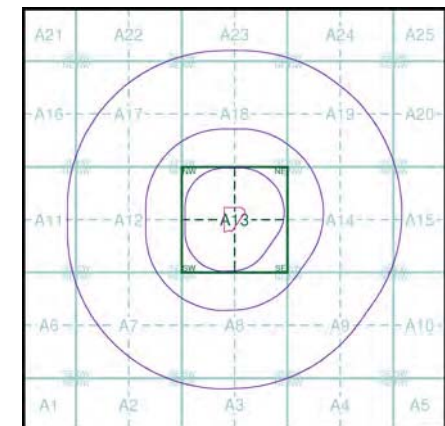
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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)

135NW 1887 1:10,560	135NE 1887 1:10,560
135SW 1887 1:10,560	135SE 1887 1:10,560

Historical Map - Slice A

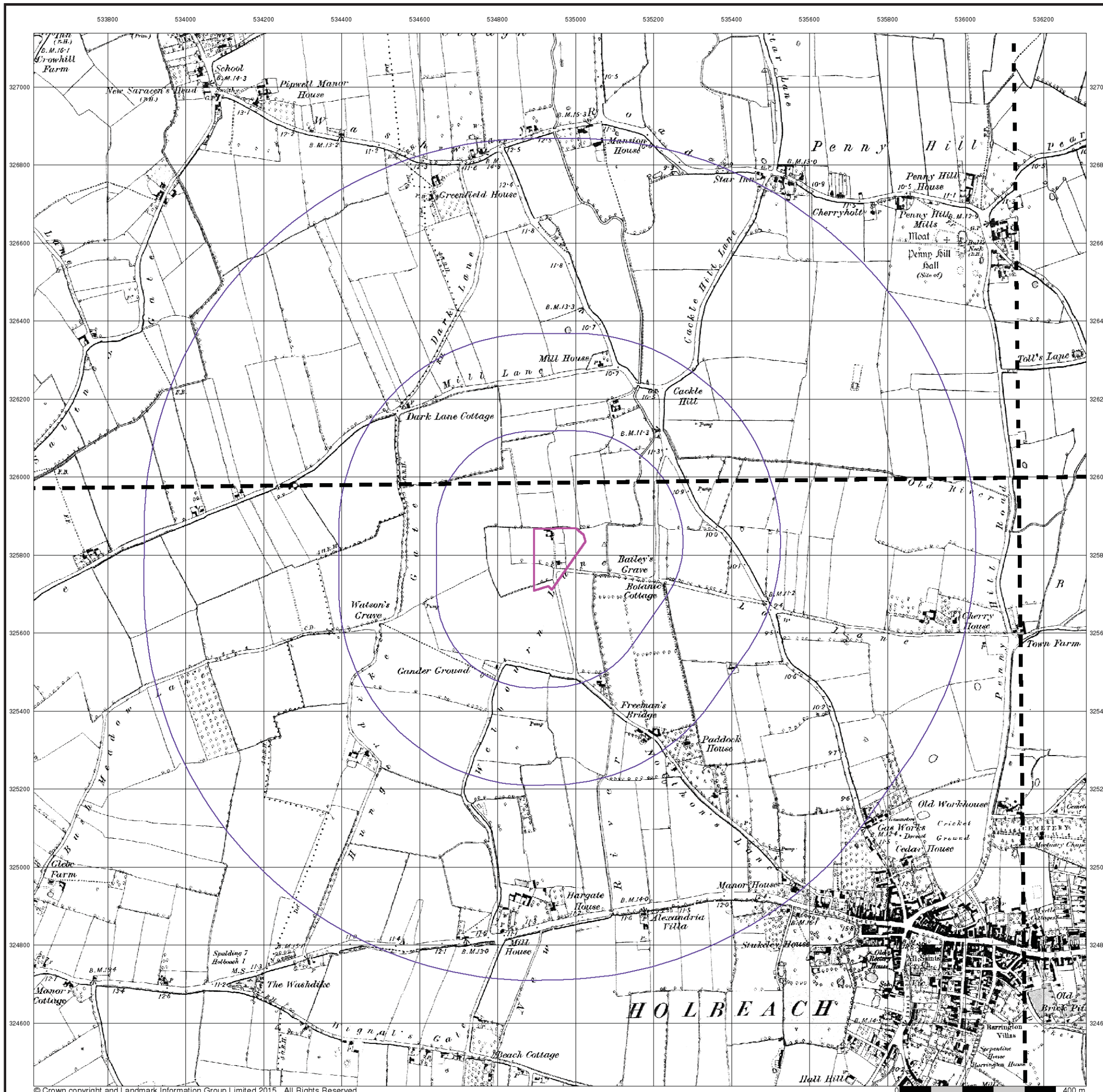


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF

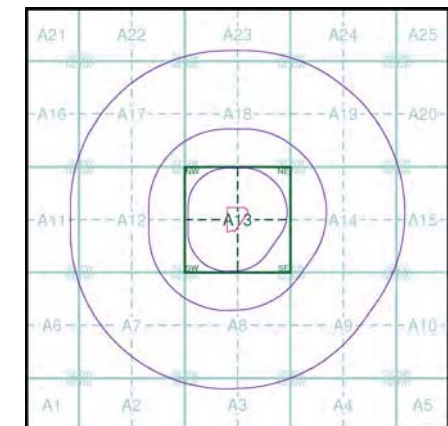


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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)

135NW 1906 1:10,560	135NE 1906 1:10,560
135SW 1906 1:10,560	135SE 1906 1:10,560

Historical Map - Slice A

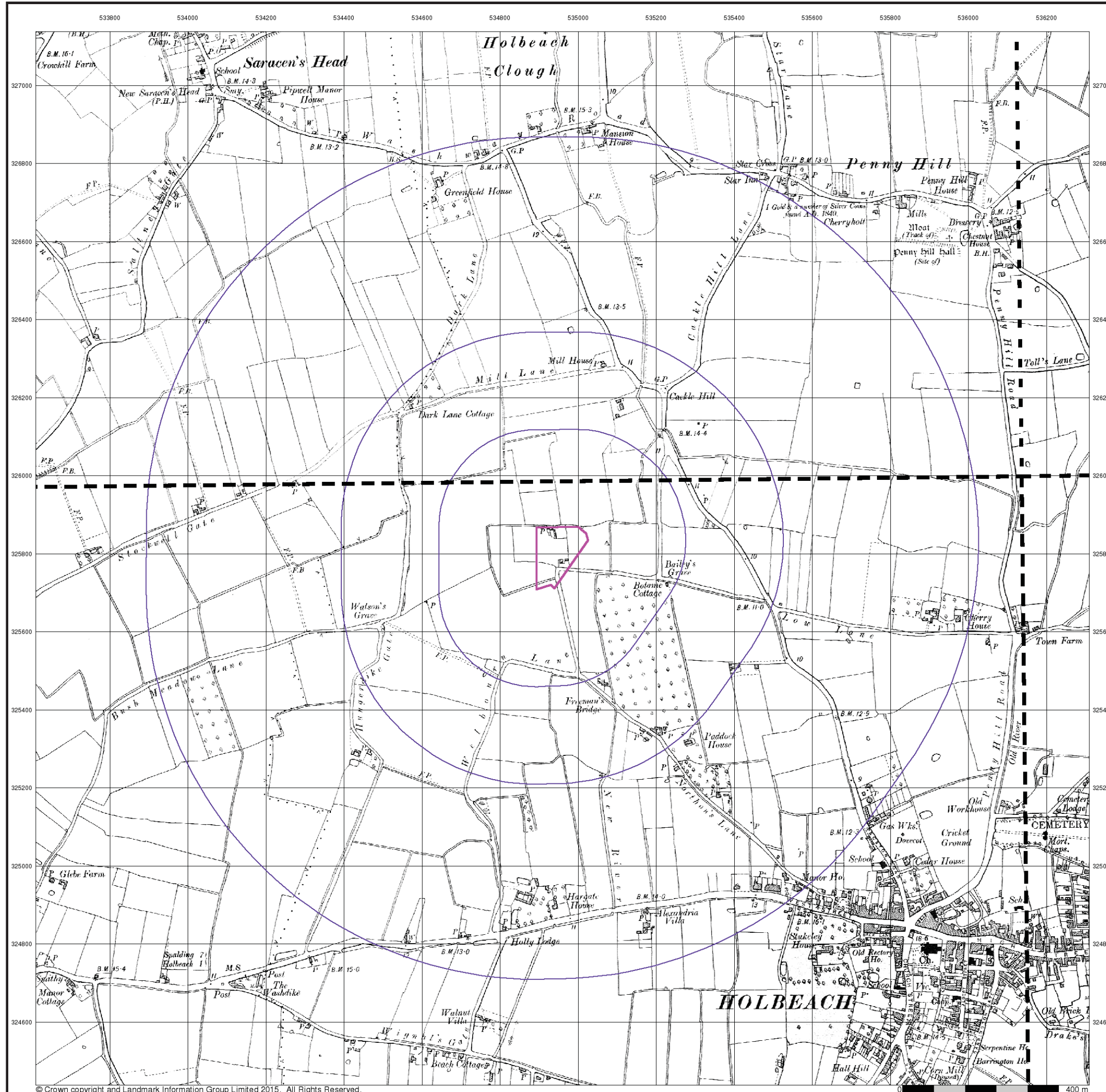


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



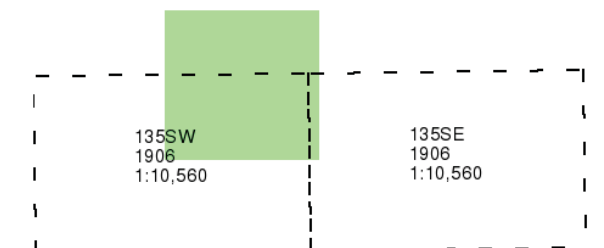
Lincolnshire

Published 1906

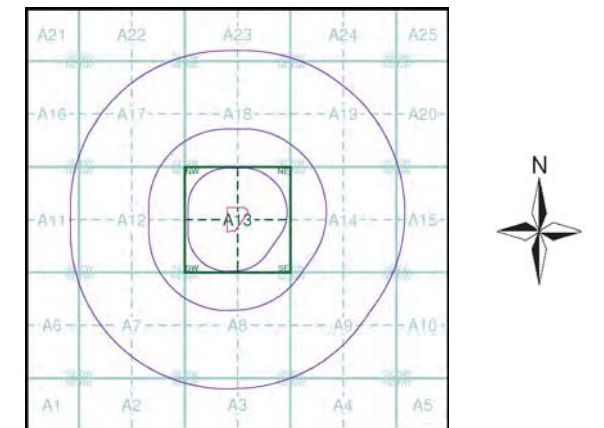
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

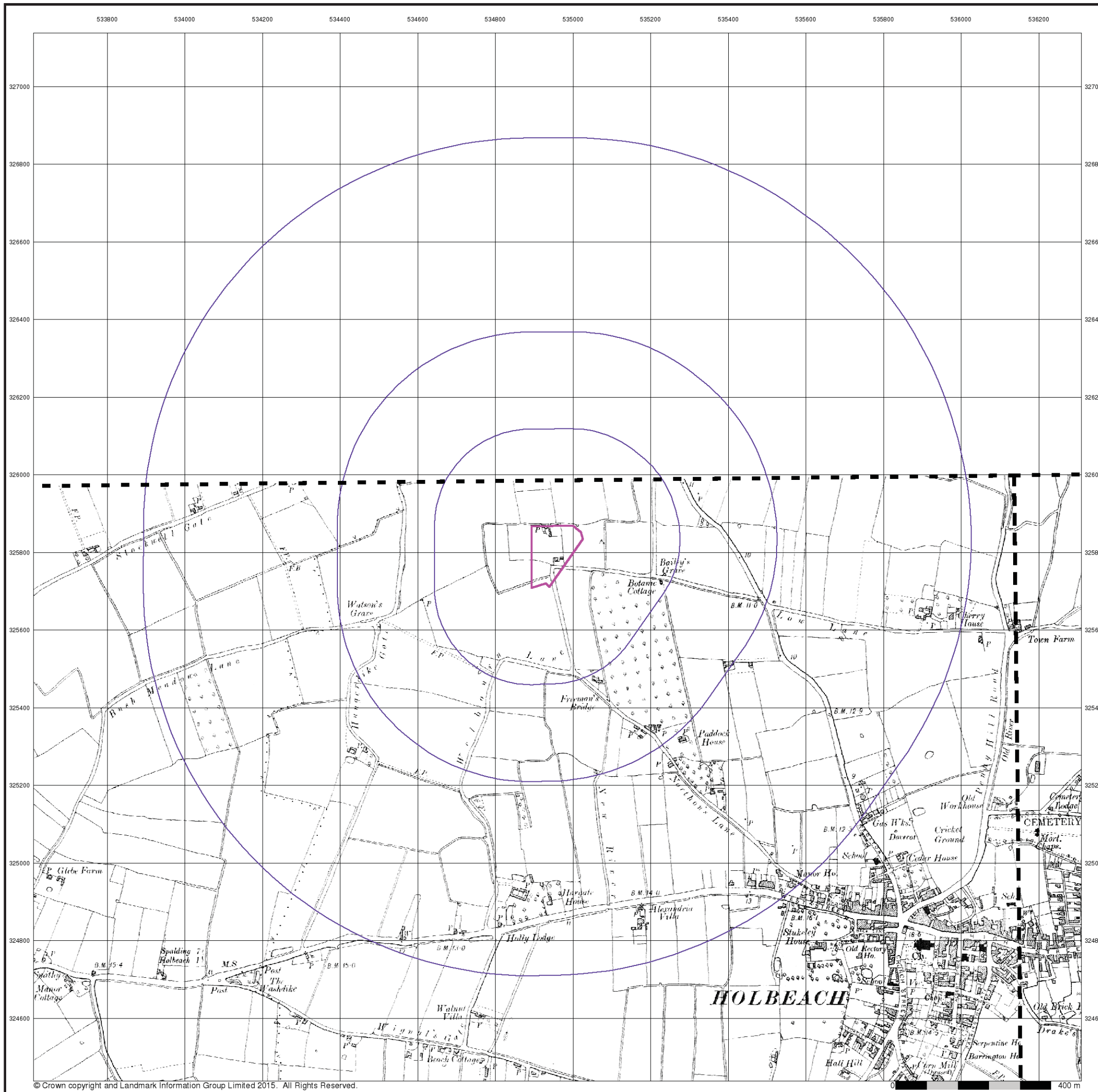


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



Lincolnshire

Published 1931 - 1932

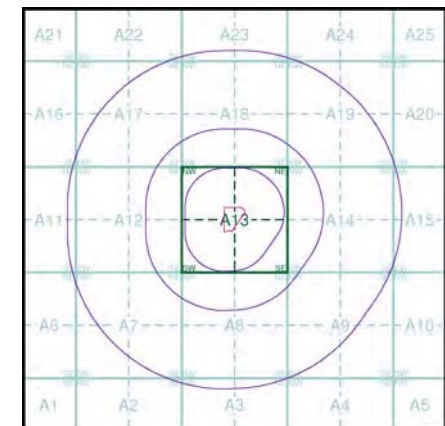
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

135NW 1931 1:10,560	135NE 1931 1:10,560
135SW 1932 1:10,560	135SE 1932 1:10,560

Historical Map - Slice A

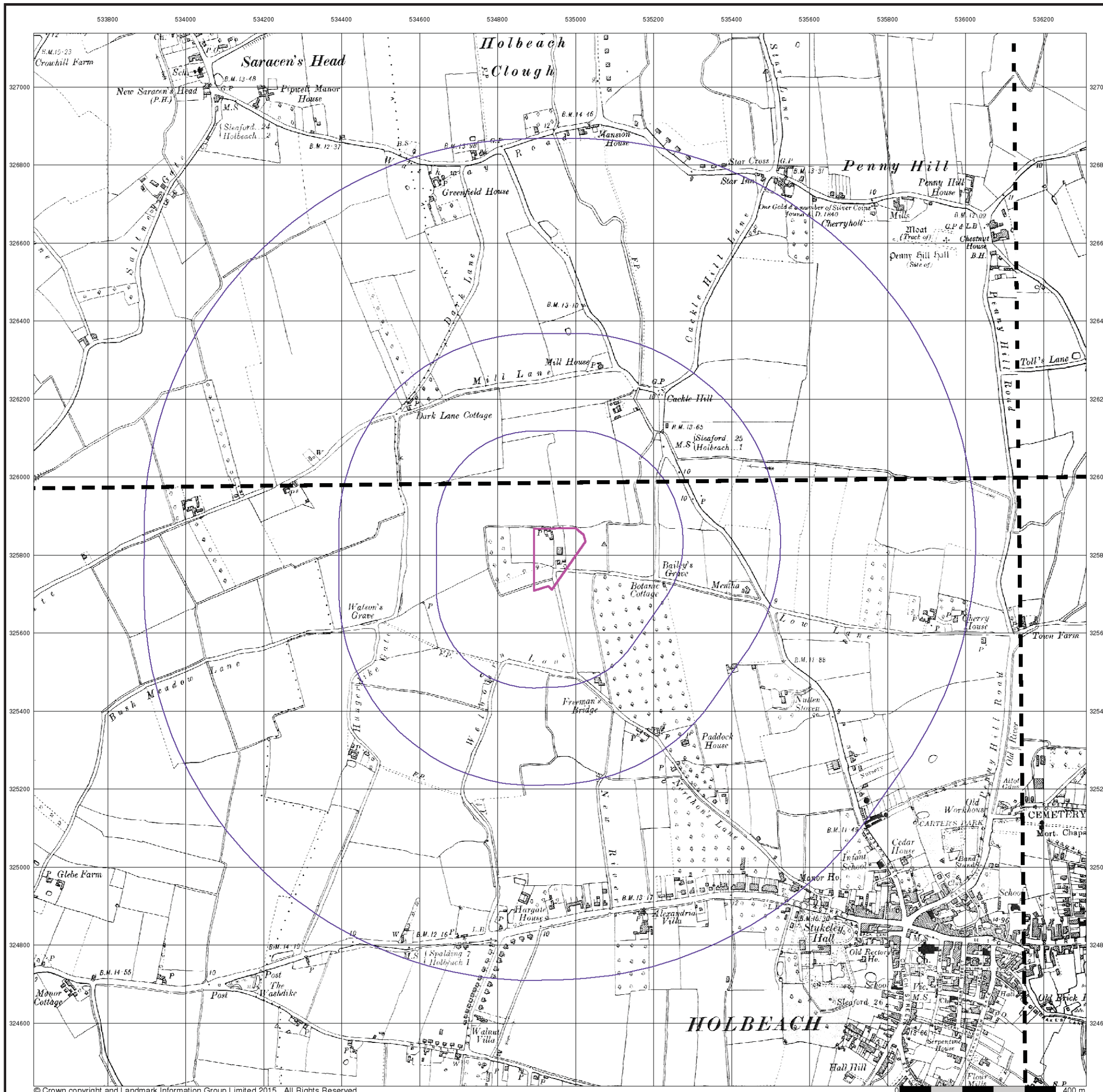


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



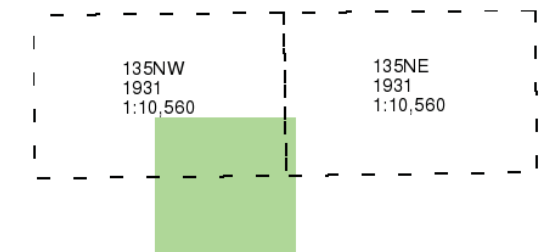
Lincolnshire

Published 1931

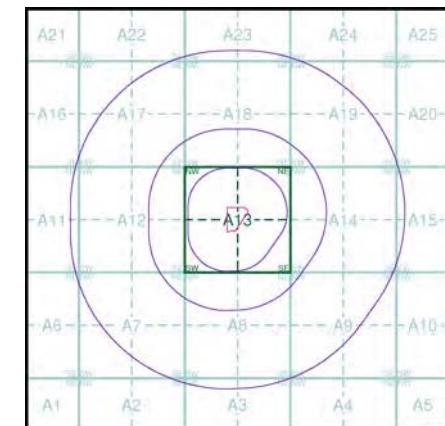
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

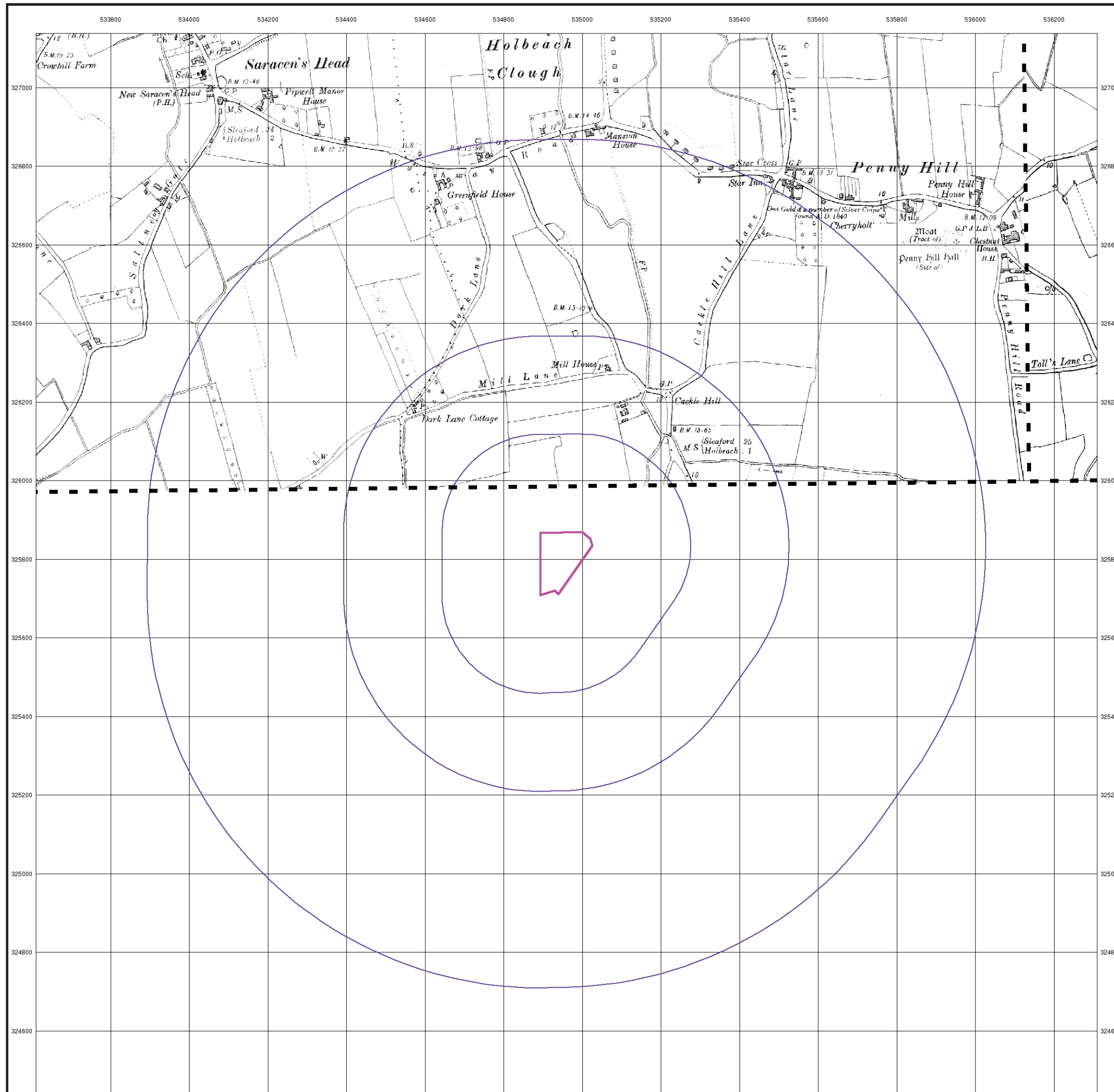


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



Lincolnshire

Published 1938 - 1952

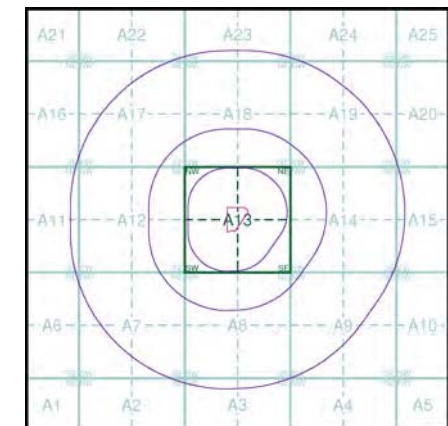
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

135NW 1952 1:10,560	135NE 1952 1:10,560
135SW 1938 1:10,560	135SE 1938 1:10,560

Historical Map - Slice A

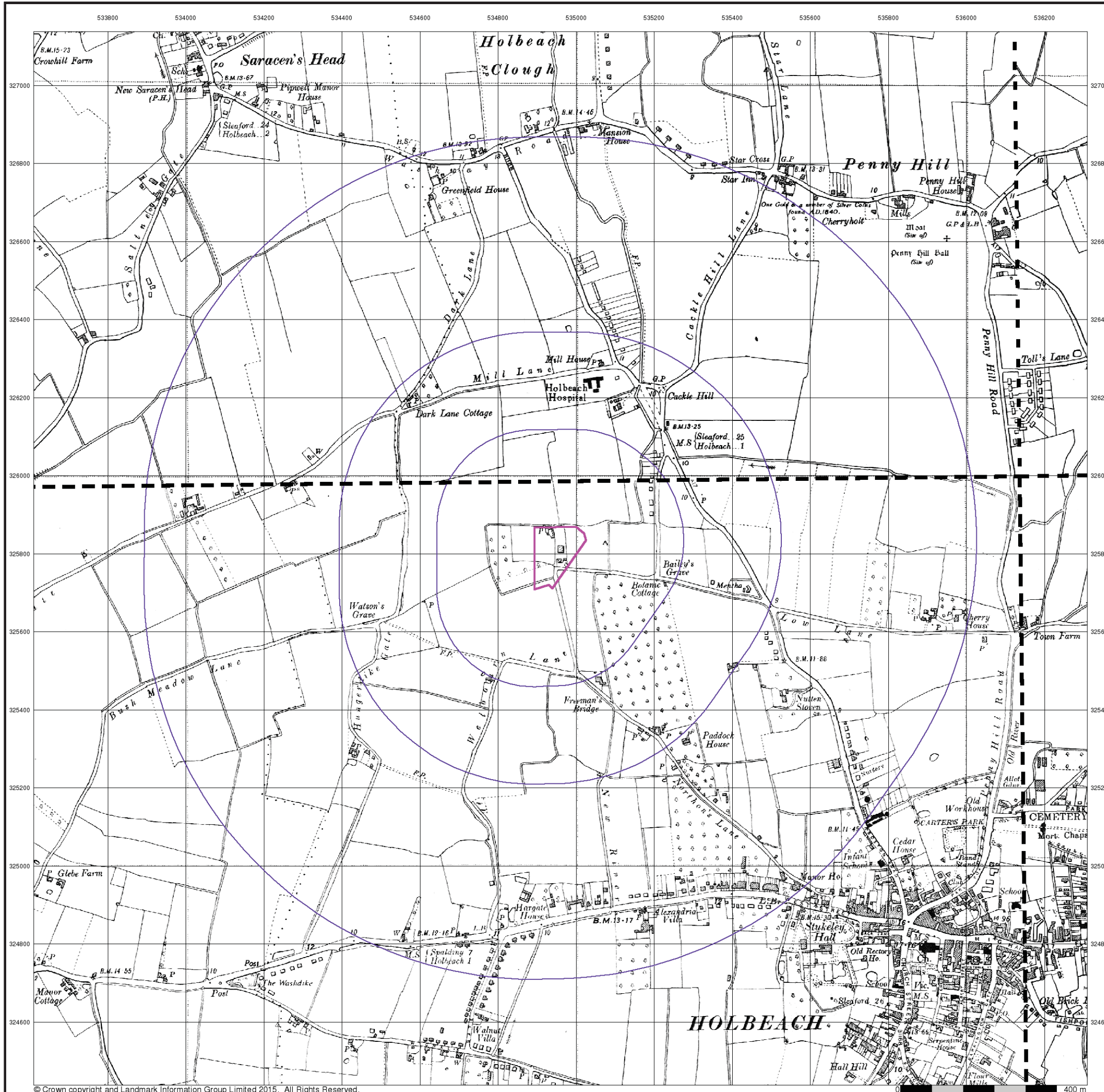


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



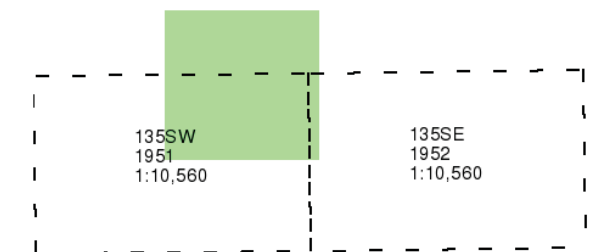
Lincolnshire

Published 1951 - 1952

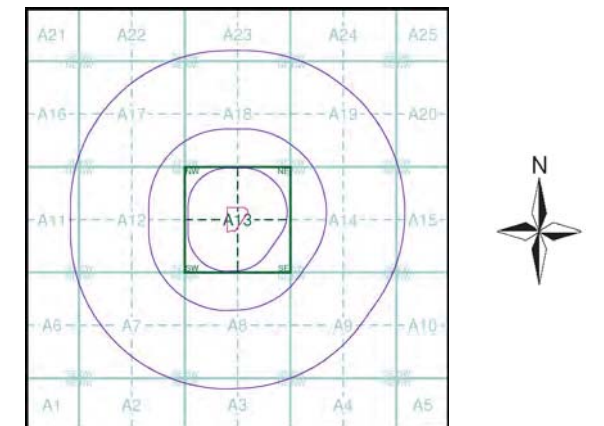
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

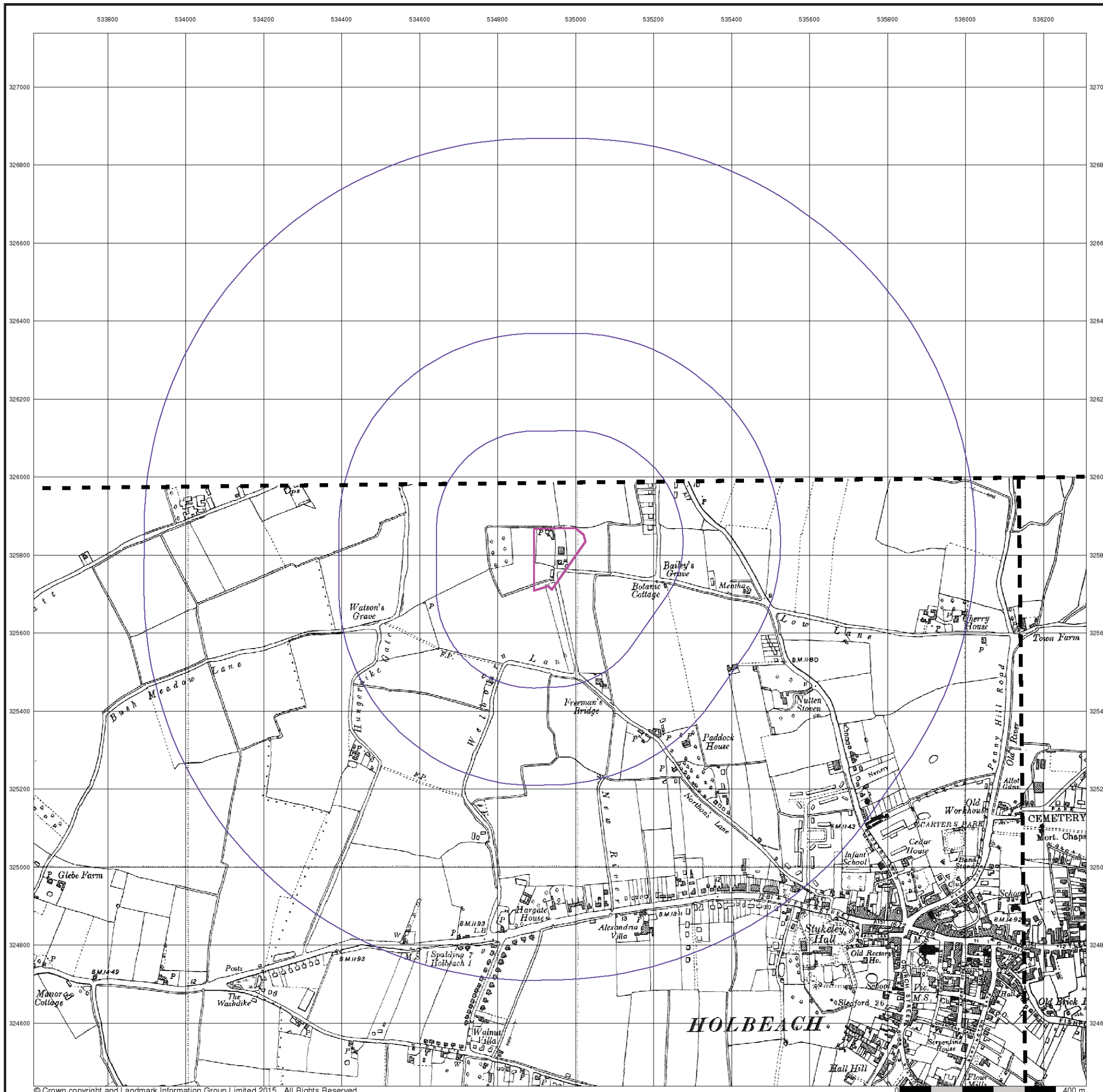


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



Ordnance Survey Plan

Published 1956 - 1959

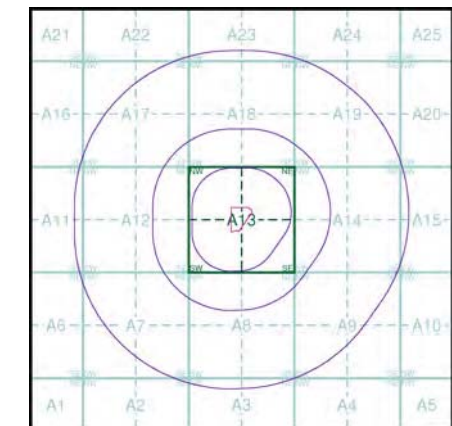
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TF32NW	TF32NE
1956	1956
1:10,560	1:10,560
TF32SW	TF32SE
1958	1959
1:10,560	1:10,560

Historical Map - Slice A

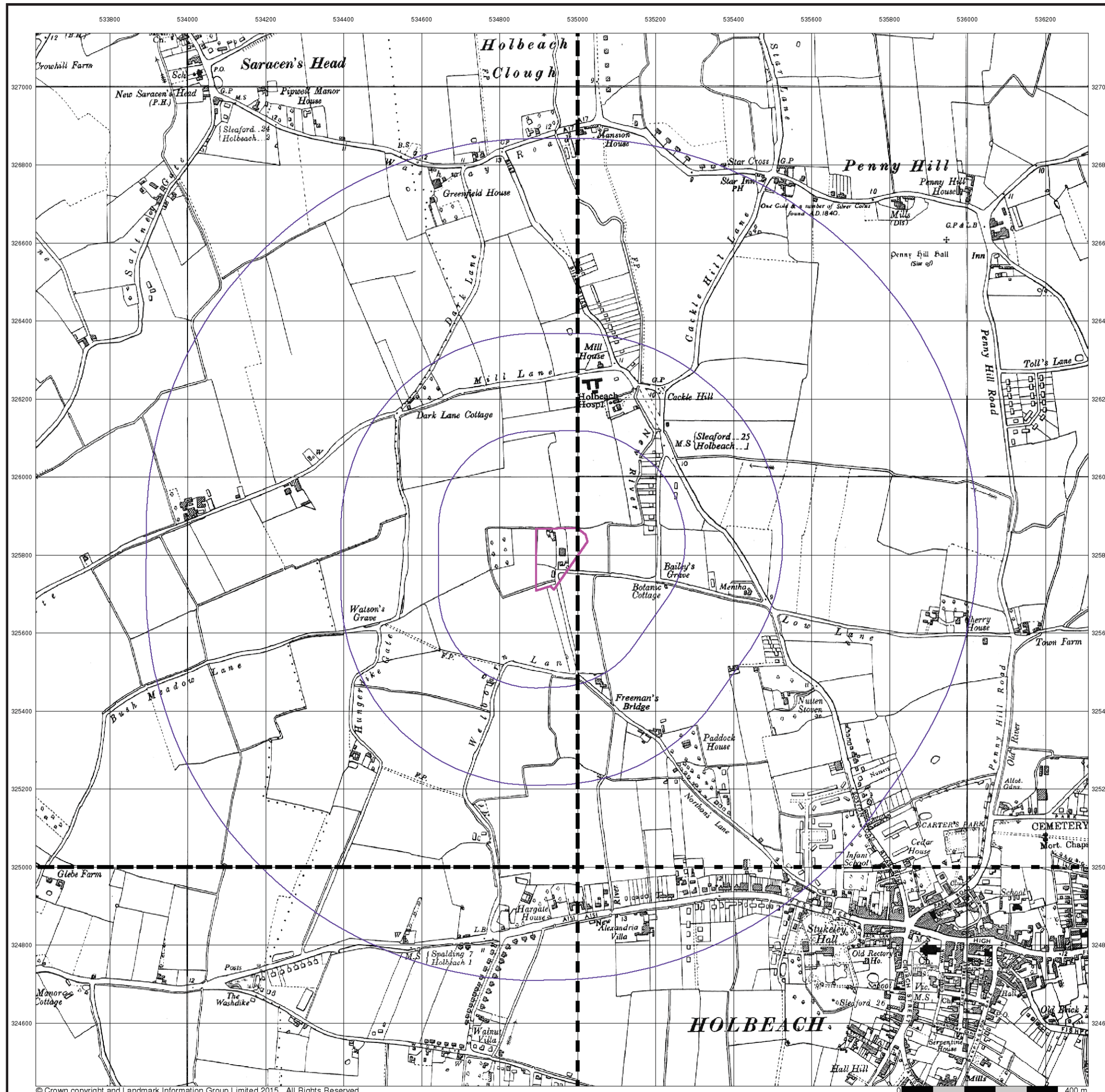


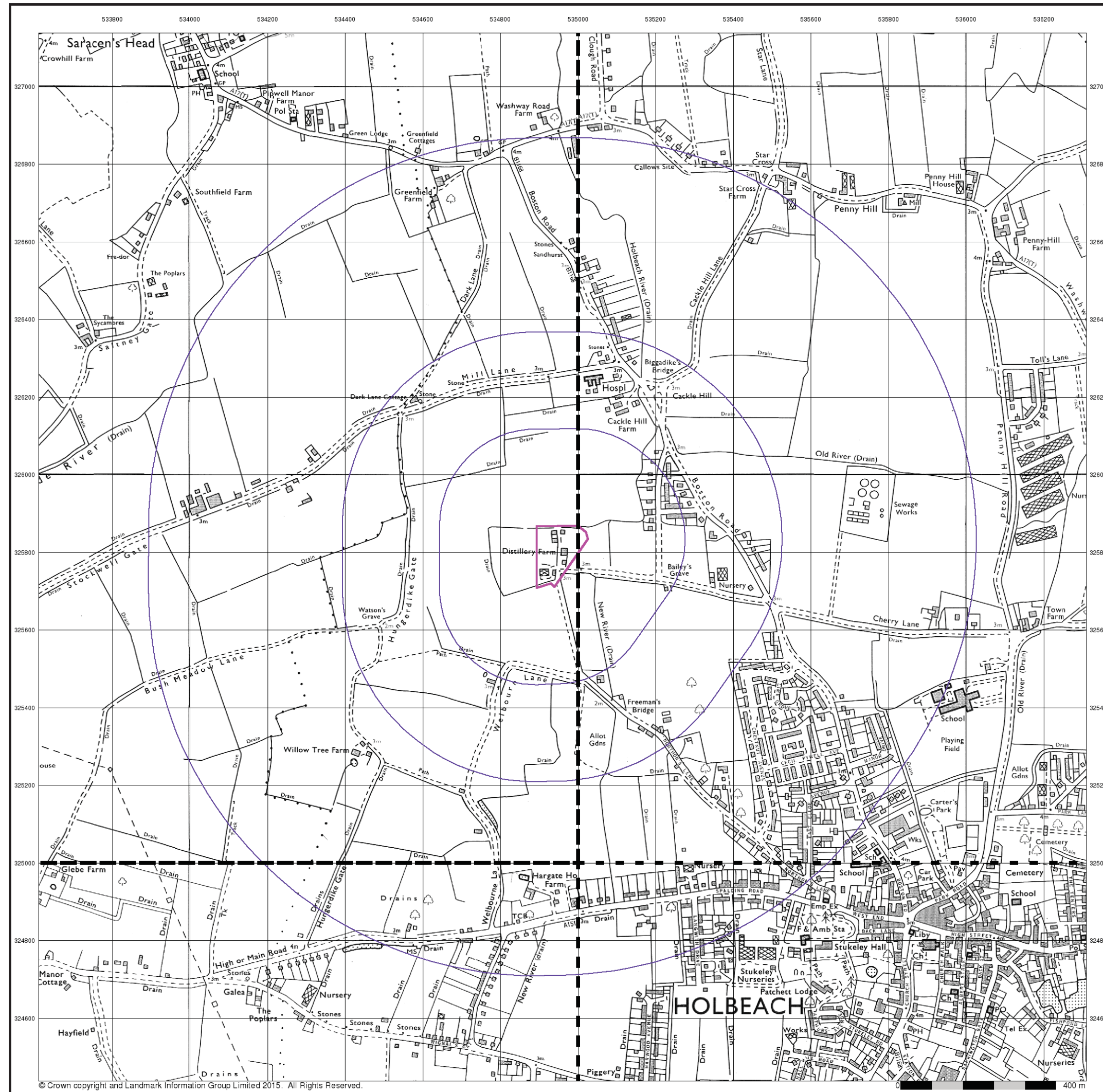
Order Details

Order Number: 91148158_1_1
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Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF





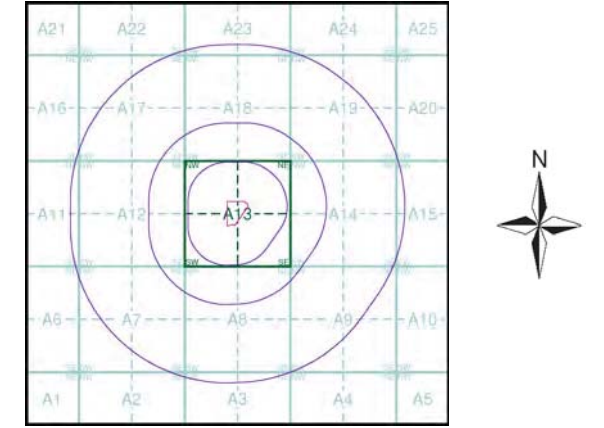
Ordnance Survey Plan
Published 1970 - 1977
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TF32NW	TF32NE
1977	1977
1:10,000	1:10,000
TF32SW	TF32SE
1971	1970
1:10,000	1:10,000

Historical Map - Slice A



Order Details
 Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details
 Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



Ordnance Survey Plan

Published 1992

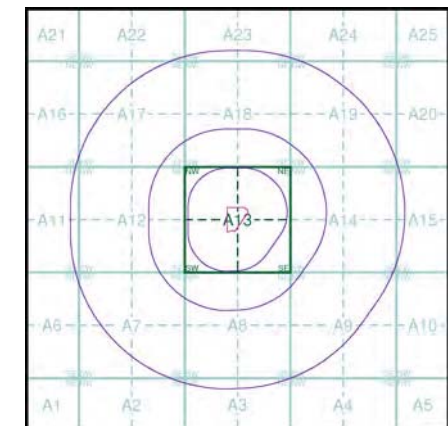
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TF32NW	TF32NE
1992	1992
1:10,000	1:10,000
TF32SW	TF32SE
1992	1992
1:10,000	1:10,000

Historical Map - Slice A



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Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



533800 534000 534200 534400 534600 534800 535000 535200 535400 535600 535800 536000 536200

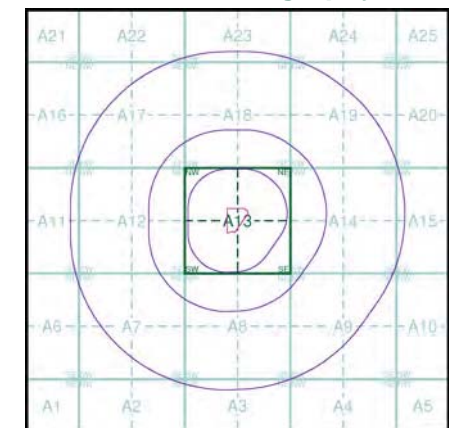


Historical Aerial Photography

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 - Slice A



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Site Details

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

0 400 m



10k Raster Mapping

Published 2000

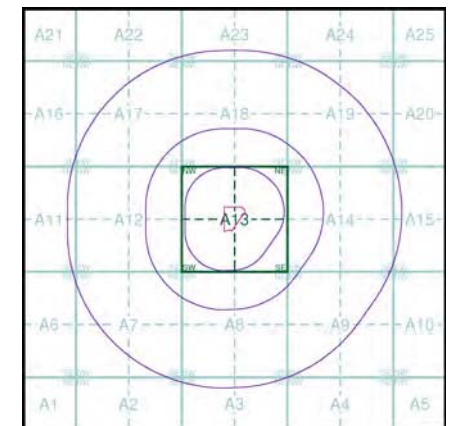
Source map scale - 1:10,000

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)

TF32NW	TF32NE
2000	2000
1:10,000	1:10,000
TF32SW	TF32SE
2000	2000
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 91148158_1_1
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Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



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





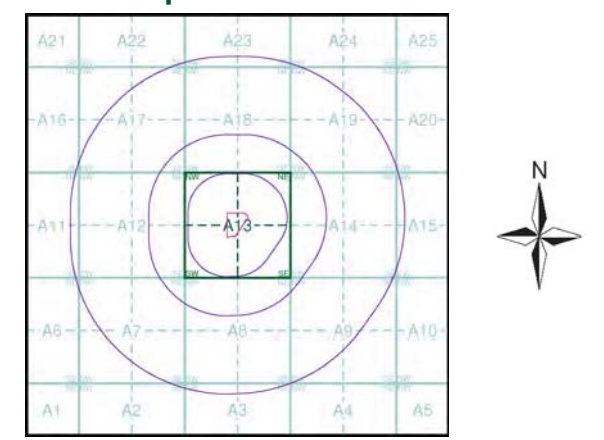
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TF32NW 2006 1:10,000	TF32NE 2006 1:10,000
TF32SW 2006 1:10,000	TF32SE 2006 1:10,000

Historical Map - Slice A



Order Details

Order Number: 91148158_1_1
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 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



VectorMap Local

Published 2016

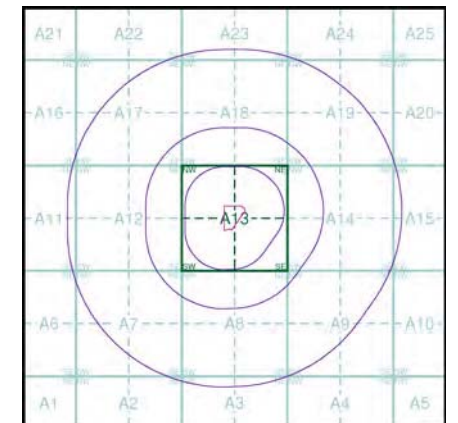
Source map scale - 1:10,000

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 1:2500 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)

TF32NW 2016 Variable	TF32NE 2016 Variable
TF32SW 2016 Variable	TF32SE 2016 Variable

Historical Map - Slice A

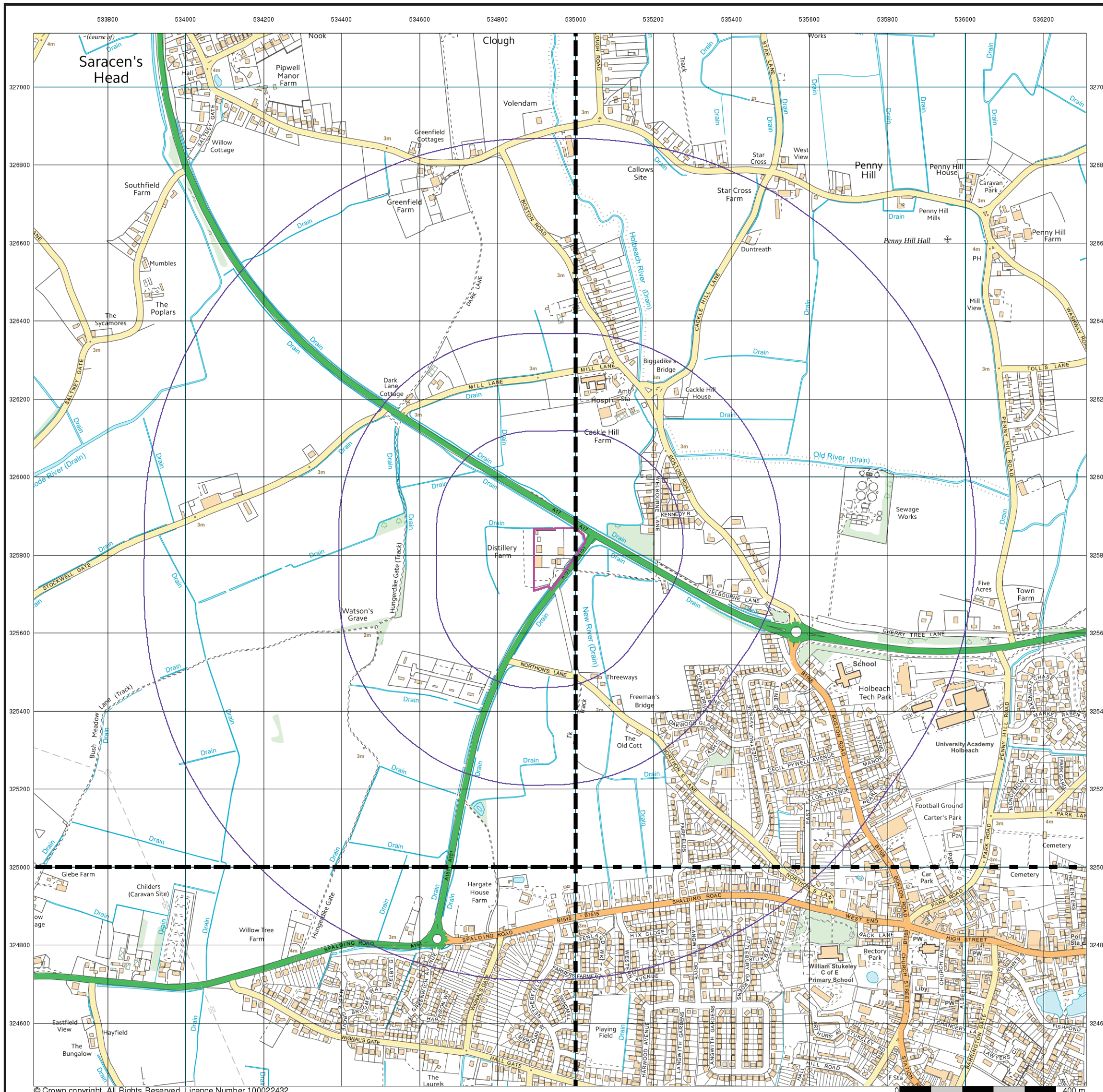


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 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



Historical Mapping Legends

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

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

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

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

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

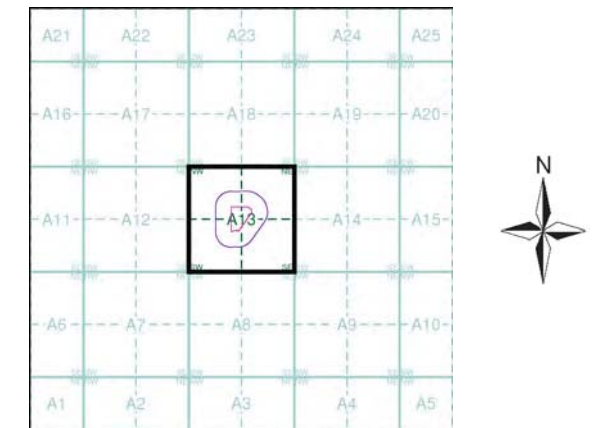
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds**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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1888	2
Lincolnshire	1:2,500	1904	3
Lincolnshire	1:2,500	1931	4
Ordnance Survey Plan	1:2,500	1969 - 1970	5
Supply of Unpublished Survey Information	1:2,500	1976	6
Additional SIMs	1:2,500	1977 - 1991	7
Additional SIMs	1:2,500	1982 - 1991	8
Additional SIMs	1:2,500	1992	9
Large-Scale National Grid Data	1:2,500	1995	10

Historical Map - Segment A13



Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 100

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



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



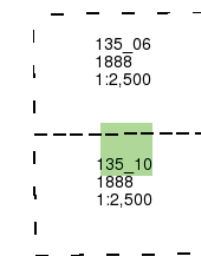
Lincolnshire

Published 1888

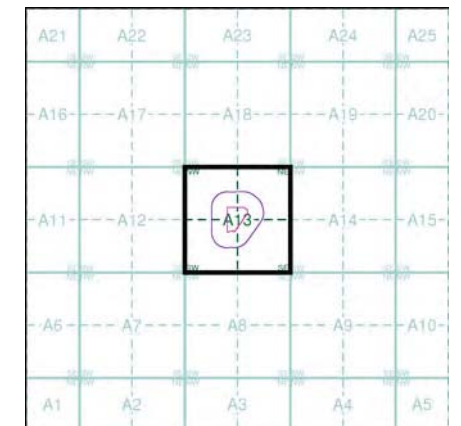
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

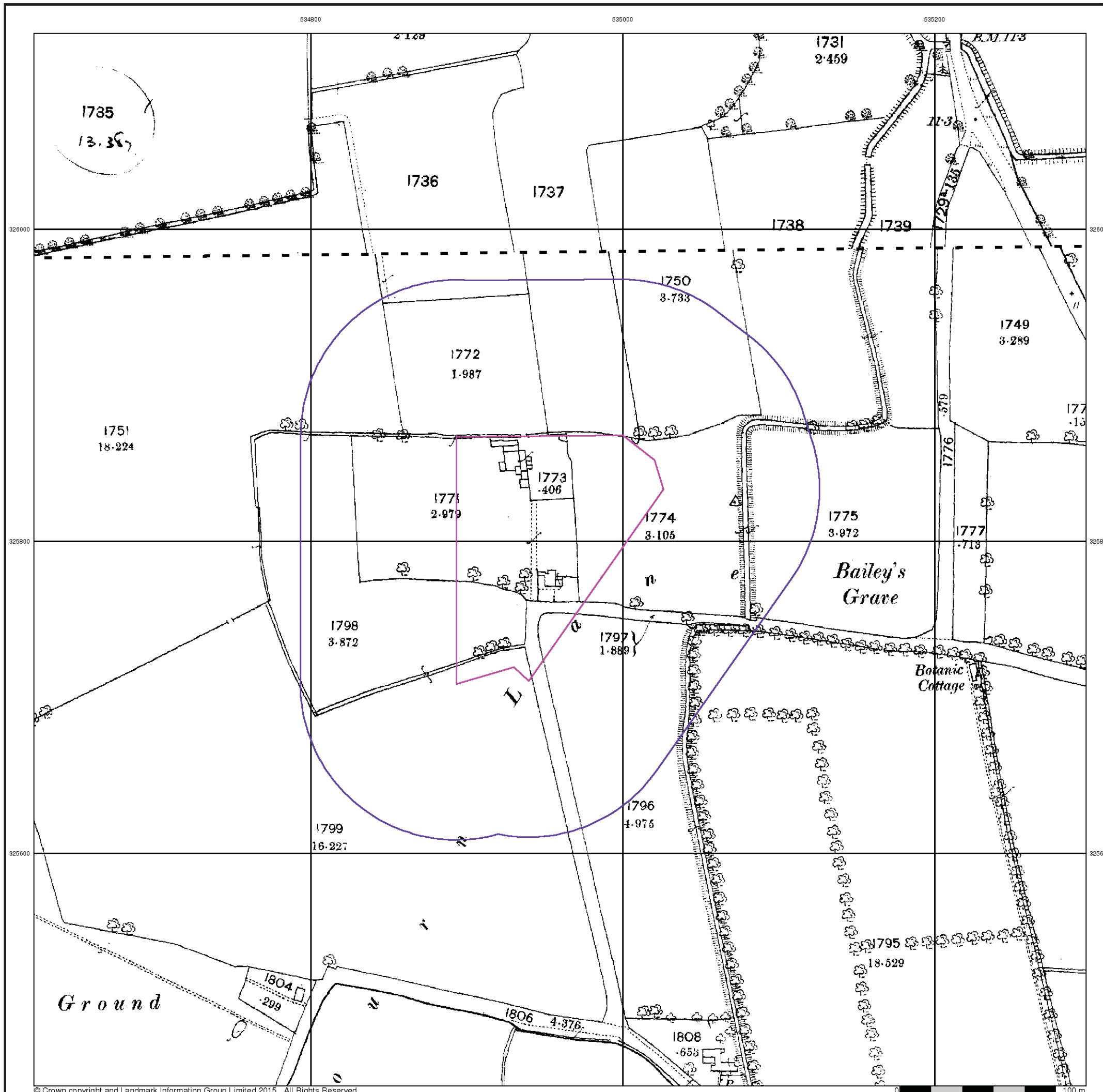
Order Number: 91148158_1_1
Customer Ref: 16-0574.01
National Grid Reference: 534940, 325800
Slice: A
Site Area (Ha): 1.51
Search Buffer (m): 100

Site Details

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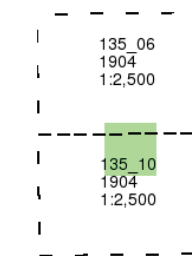
Lincolnshire

Published 1904

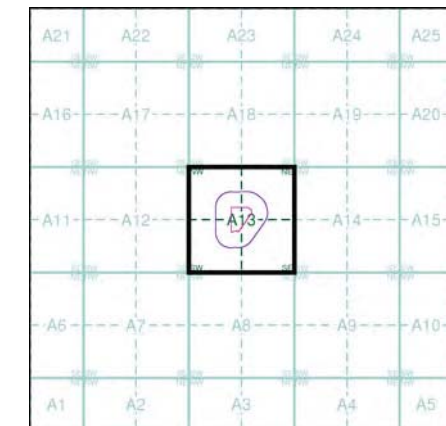
Source map scale - 1:2,500

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



Order Details

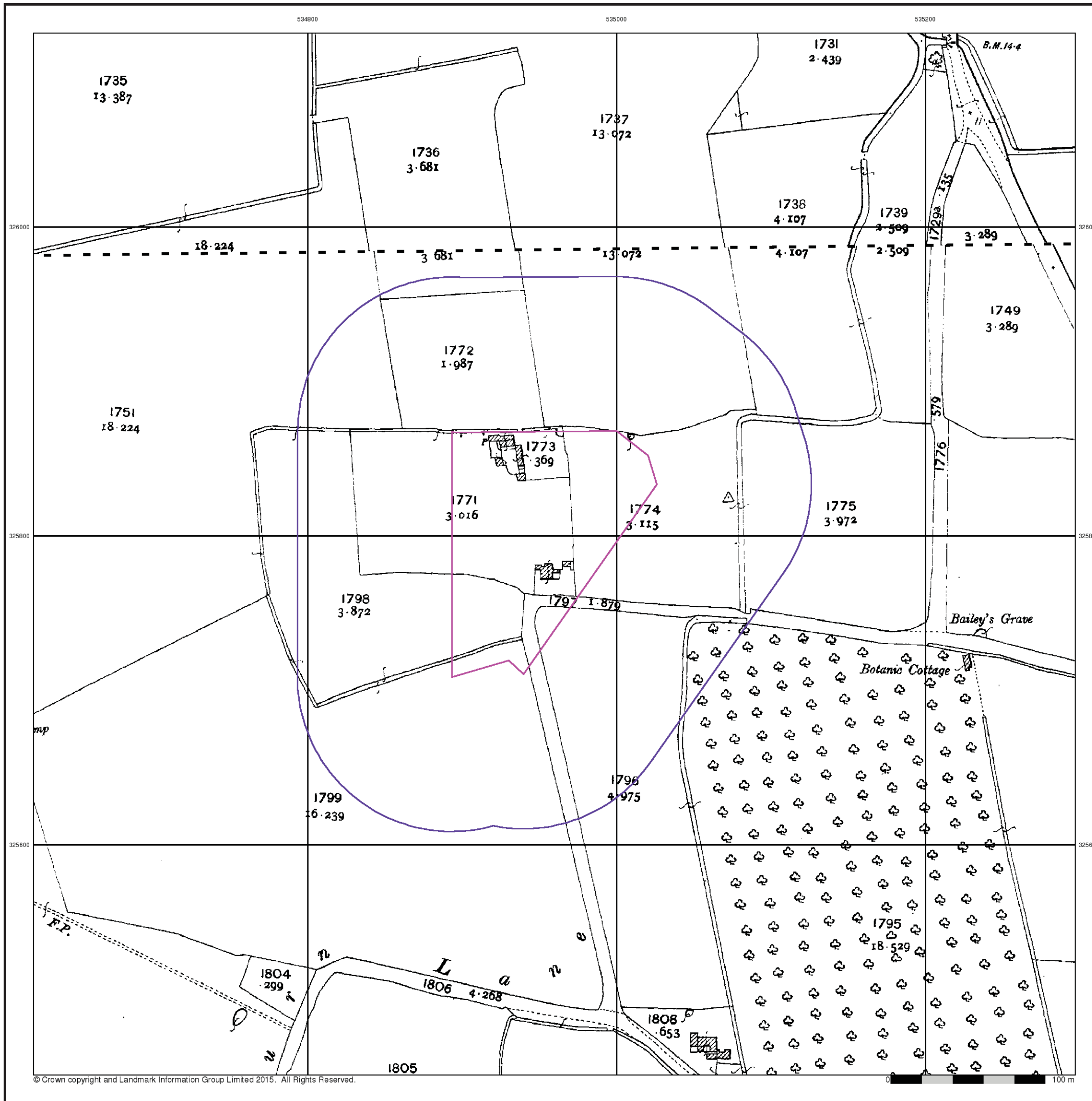
Order Number: 91148158_1_1
Customer Ref: 16-0574.01
National Grid Reference: 534940, 325800
Slice: A
Site Area (Ha): 1.51
Search Buffer (m): 100

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



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

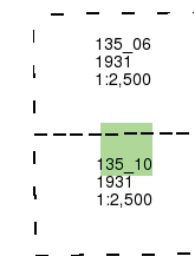


Lincolnshire
Published 1931

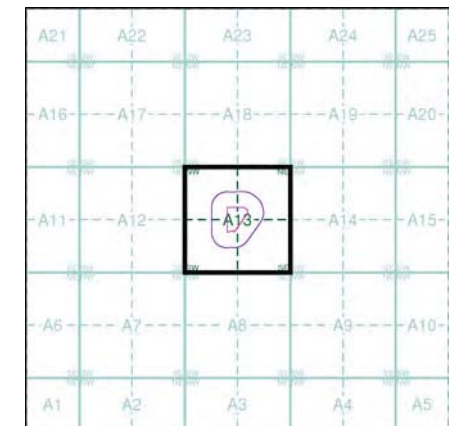
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

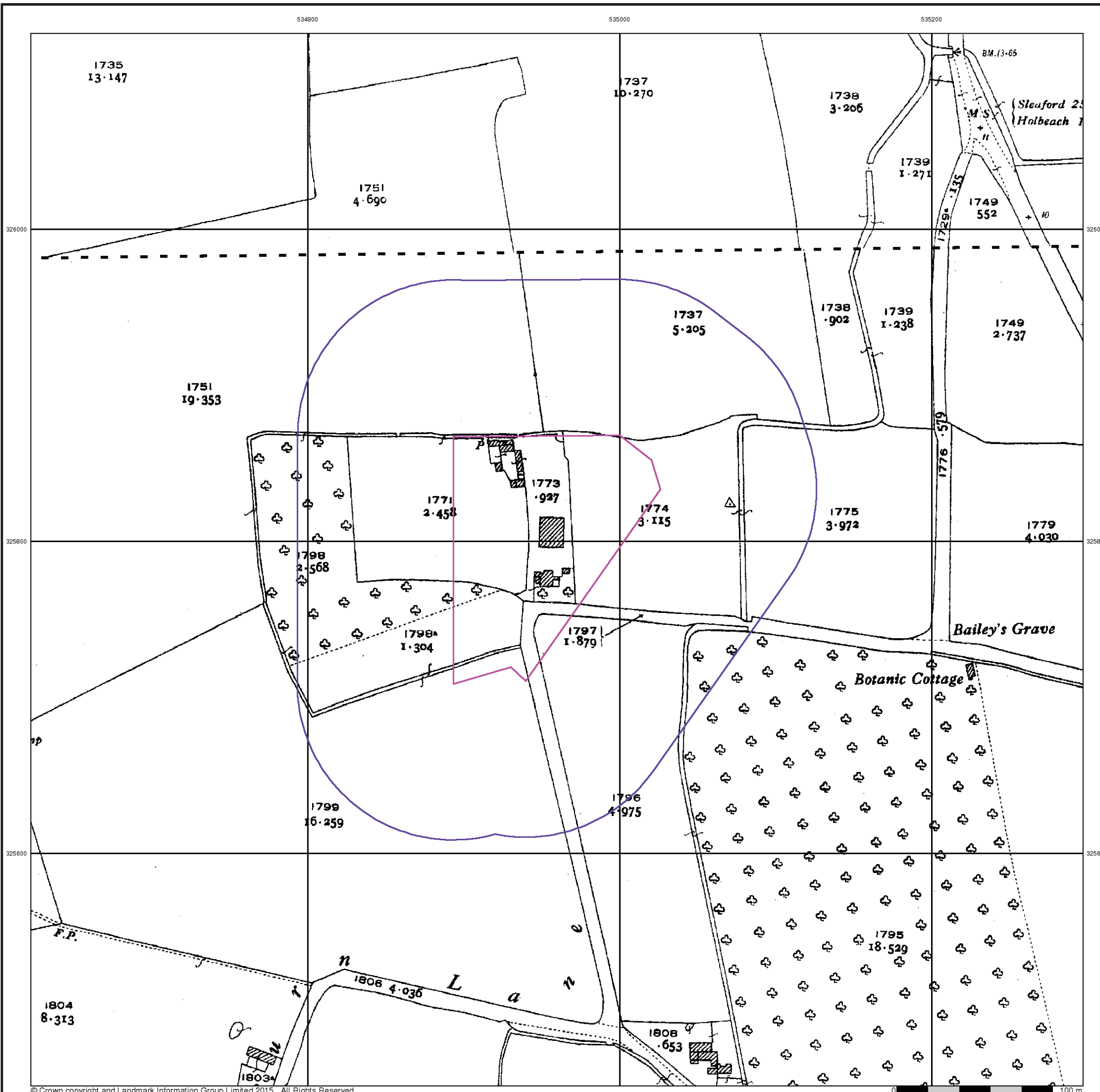


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 100

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



Ordnance Survey Plan

Published 1969 - 1970

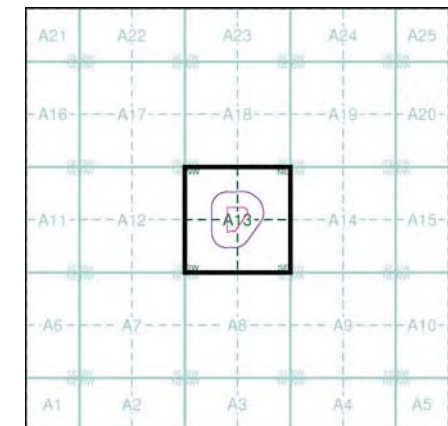
Source map scale - 1:2,500

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)

TF3426 1970 12,500	TF3526 1970 12,500
TF3425 1969 12,500	TF3525 1969 12,500

Historical Map - Segment A13

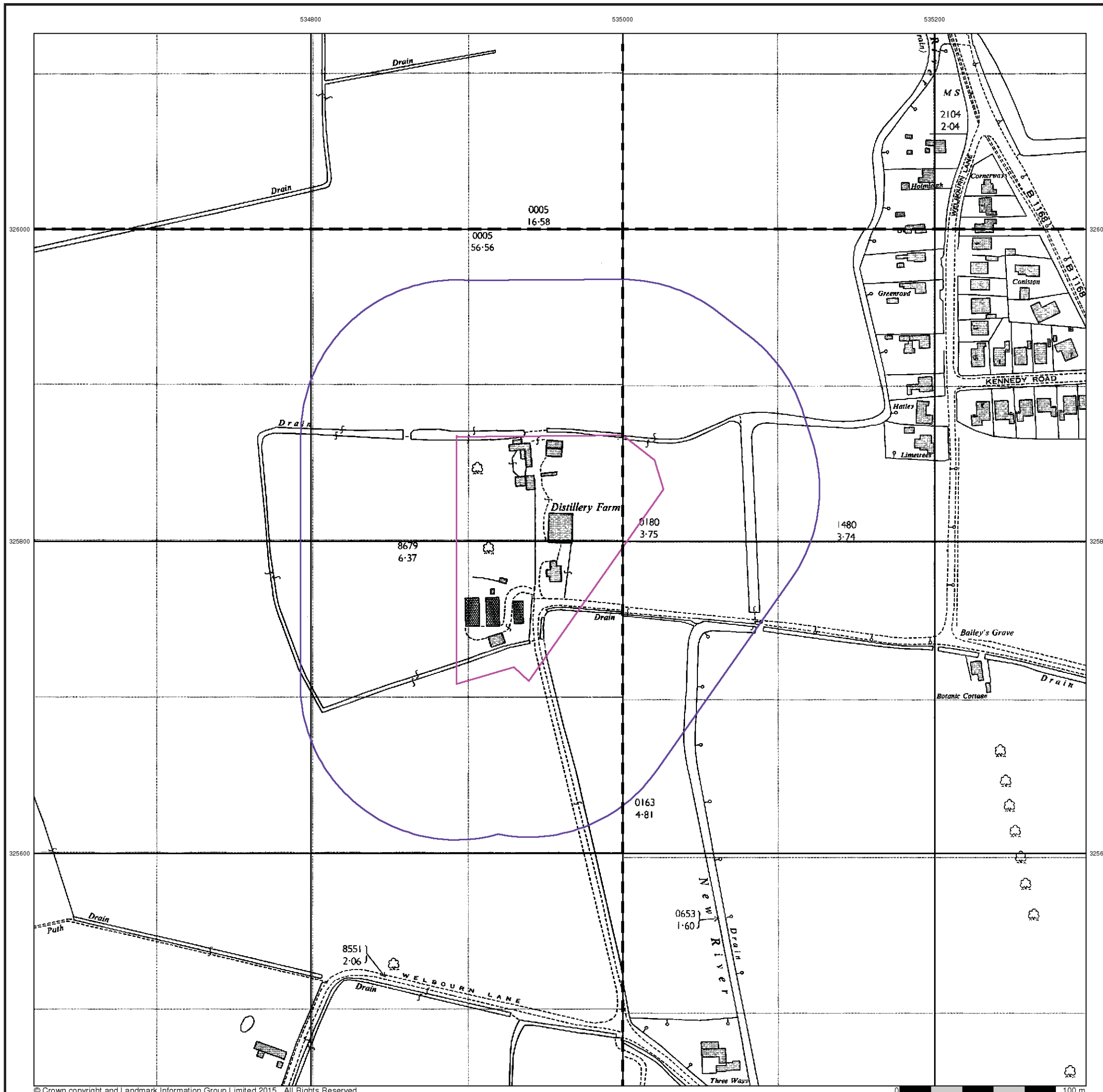


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 100

Site Details

Distillery Farm, Welbourn Lane South, Holbeach, Spalding, PE12 7BF



Supply of Unpublished Survey Information

Published 1976

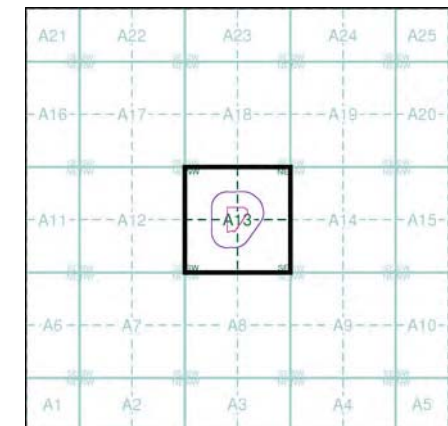
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TF3426 1976 1:2,500	TF3526 1976 1:2,500
TF3525 1976 1:2,500	

Historical Map - Segment A13



Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 100

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



Additional SIMs

Published 1977 - 1991

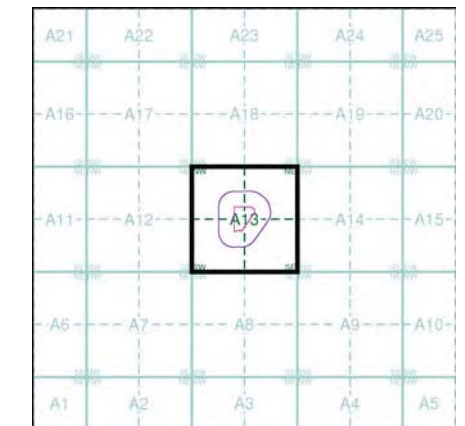
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TF3426 1991 1:2,500	TF3526 1984 1:2,500
TF3425 1991 1:2,500	TF3525 1977 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 100

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



Additional SIMs

Published 1982 - 1991

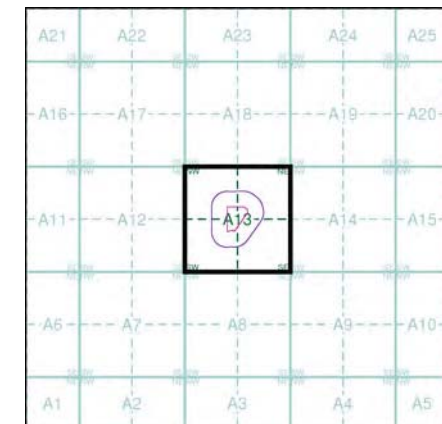
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TF3526	1991	1:2,500
TF3525	1982	1:2,500

Historical Map - Segment A13



Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 100

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



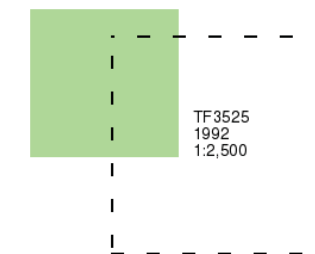
Additional SIMs

Published 1992

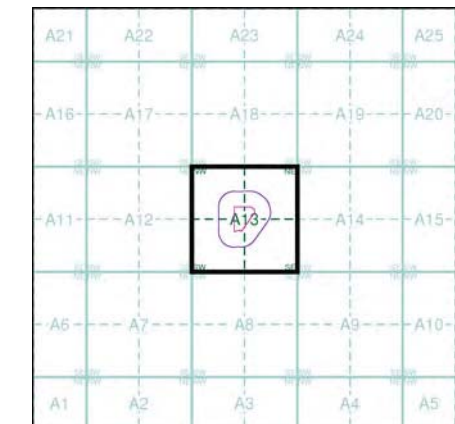
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 100

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



Large-Scale National Grid Data

Published 1995

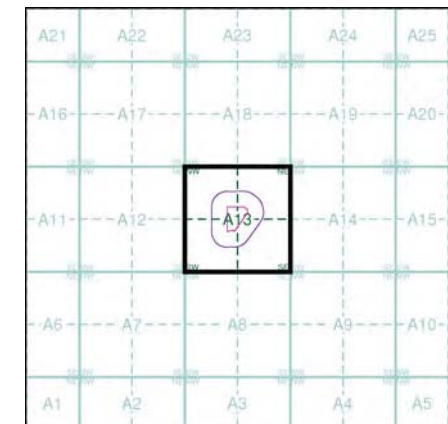
Source map scale - 1:2,500

'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)

TF3426	TF3526
1995	1995
12,500	12,500
TF3425	TF3525
1995	1995
12,500	12,500

Historical Map - Segment A13

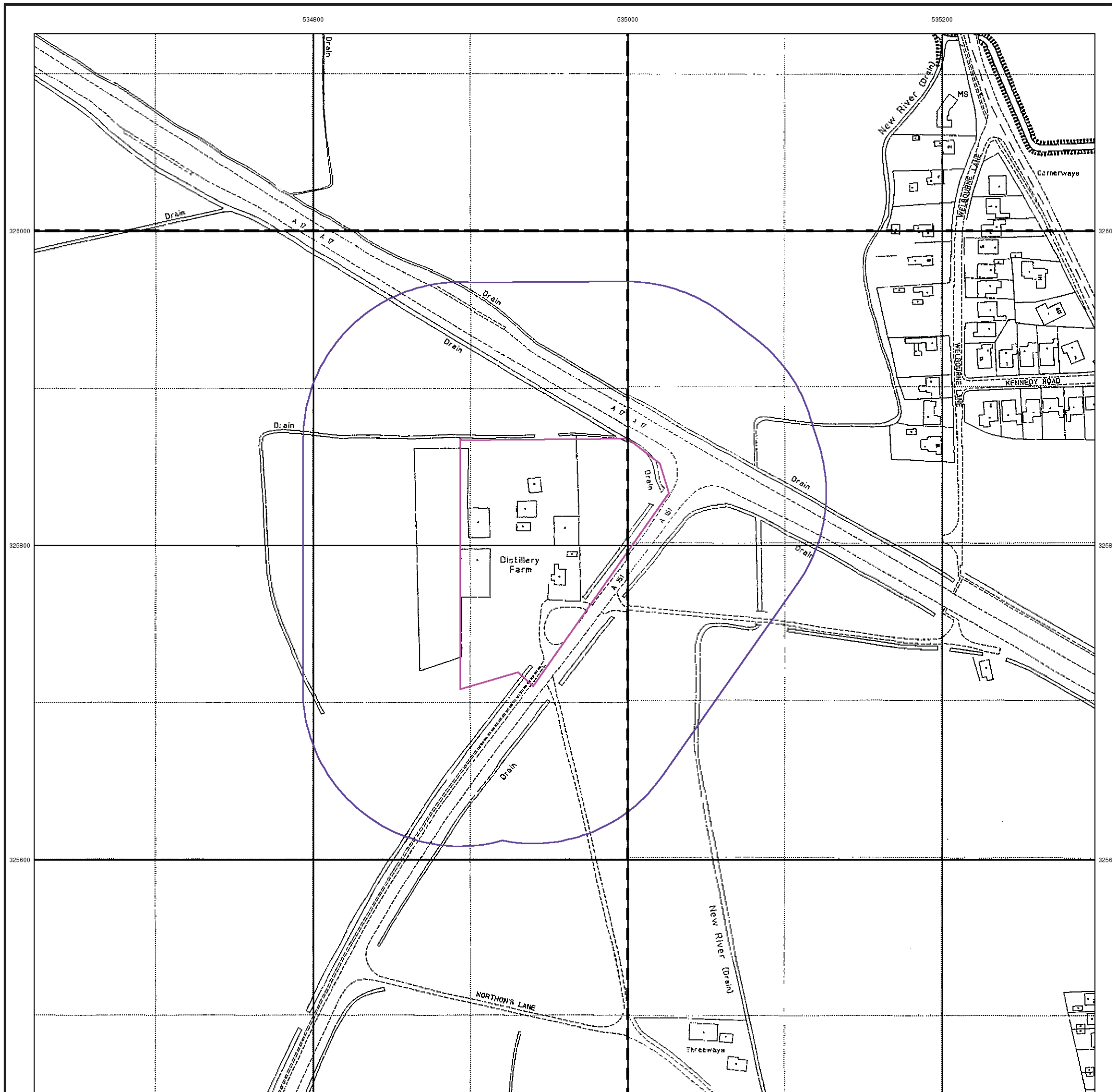


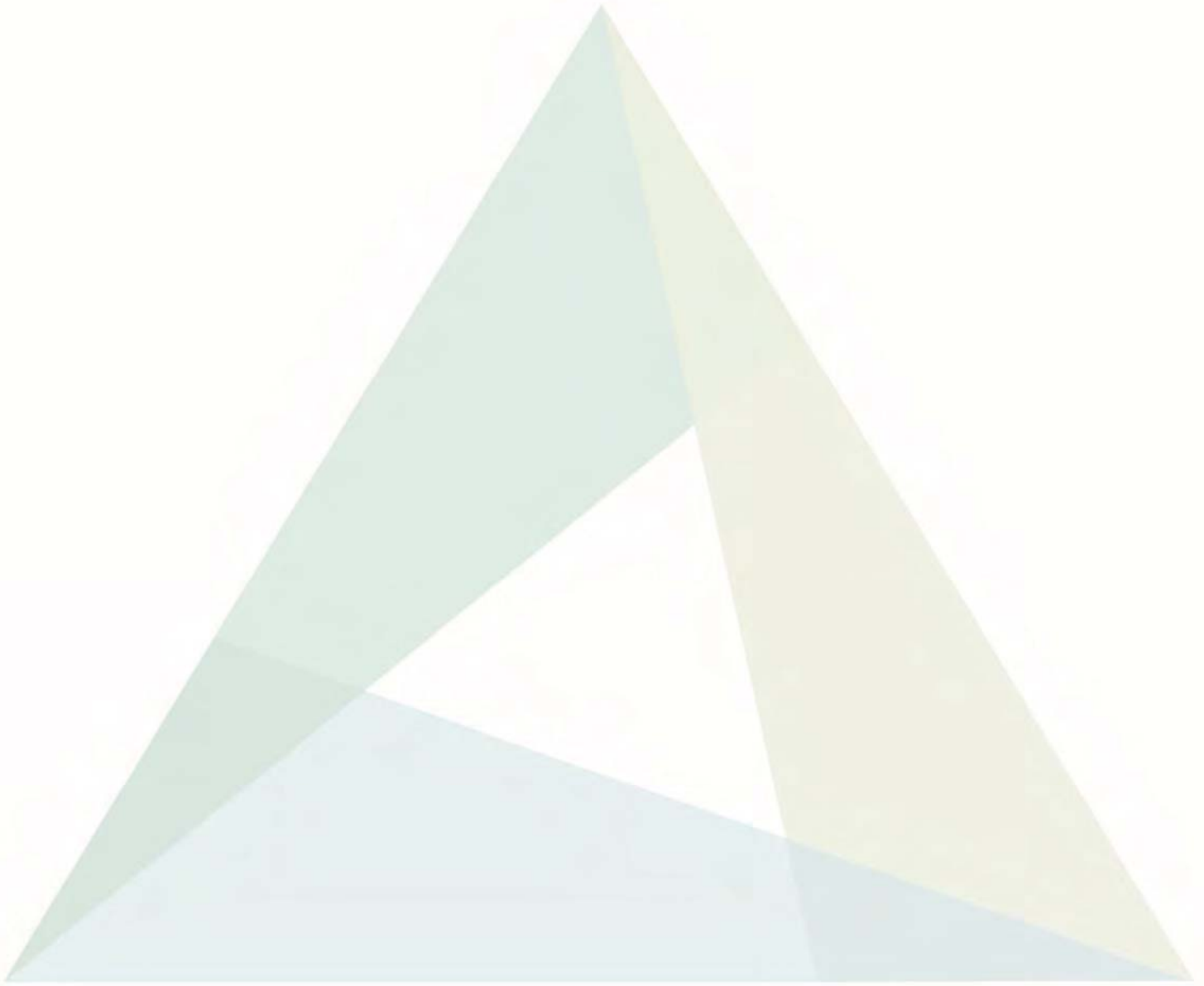
Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 100

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF





Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

91148158_1_1

Customer Reference:

16-0574.01

National Grid Reference:

534940, 325800

Slice:

A

Site Area (Ha):

1.51

Search Buffer (m):

1000

Site Details:

Distillery Farm, Welbourne Lane South

Holbeach

Spalding

PE12 7BF

Client Details:

Mr A Howells

Delta Simons

3 Henley Office Park

Doddington Road

Lincoln

LN6 3QR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	12
Geological	13
Industrial Land Use	15
Sensitive Land Use	-
Data Currency	17
Data Suppliers	21
Useful Contacts	22

Introduction

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

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility					n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1	2		11	16
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 8	Yes			
Pollution Incidents to Controlled Waters	pg 8				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 8				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 8	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 9	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 9	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
Detailed River Network Lines	pg 10		Yes		n/a
Detailed River Network Offline Drainage					n/a

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 11				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 11	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 11				11
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 12	1			
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 13	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 13	Yes	Yes		Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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 13	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 14	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 15	2			10
Fuel Station Entries					
Points of Interest - Commercial Services	pg 16				2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 16			1	3
Points of Interest - Public Infrastructure	pg 16				2
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
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	<p>Discharge Consents</p> <p>Operator: Frontier Agriculture Ltd Property Type: Arable Farming Location: Distillery Farm Off A151, Holbeach, Lincolnshire, Pe12 7py Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Prnnf18051 Permit Version: 1 Effective Date: 4th January 2004 Issued Date: 29th March 2004 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Whaplode Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	0	3	534900 325750
1	<p>Discharge Consents</p> <p>Operator: Frontier Agriculture Ltd Property Type: Arable Farming Location: Distillery Farm Off A151, Holbeach, Lincolnshire, Pe12 7py Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Prnnf12520 Permit Version: 1 Effective Date: 1st December 2000 Issued Date: 20th August 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Whaplode Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	0	3	534900 325750
2	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot 4 Of Traveler Site Rose View Drive, Holbeach, Spalding, Lincolnshire, Pe12 7ld Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd010000 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary To Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	261	3	534782 325473
2	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot 5 Of Traveler Site Rose View Drive, Holbeach, Spalding, Lincolnshire, Pe12 7ld Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd010001 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary To Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	261	3	534782 325473

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot 1 Traveler Site Rose View Drive, Holbeach, Spalding, Lincolnshire, Pe12 7ld</p> <p>Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd009997 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	261	3	534782 325473
2	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot 2 Of Travelers Site Rose View Drive, Holbeach, Spalding, Lincolnshire, Pe12 7ld</p> <p>Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd009998 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	261	3	534782 325473
2	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot 3 Of Traverlrs Site Rose View Drive, Holbeach, Spalding, Lincolnshire, Pe12 7ld</p> <p>Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd009999 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary To Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	261	3	534782 325473
3	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot 6 Of Travelers Site Rose View Drive, Holbeach, Spalding, Lincolnshire, Pe12 7ld</p> <p>Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd010002 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	292	3	534769 325445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot 6 Proposed Gypsy And Traveller Site Off A151, Holbeach, Spalding, Lincolnshire, Pe12 7py</p> <p>Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd010003 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary To Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	292	3	534769 325445
3	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot 8 Of Traveler Site Rose View Drive, Holbeach, Spalding, Lincolnshire, Pe12 7ld</p> <p>Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd010004 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary To Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	292	3	534769 325445
3	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot 9 Traveler Site Rose View Drive, Holbeach, Spalding, Lincolnshire, Pe12 7ld</p> <p>Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd010005 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	292	3	534769 325445
3	<p>Discharge Consents</p> <p>Operator: South Holland District Council Property Type: Domestic Property (Single) Location: Plot10 Travelers Site Rose View Drive, Holbeach, Spalding, Lincolnshire, Pe12 7ld</p> <p>Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Npswqd010006 Permit Version: 1 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Holbeach River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	292	3	534769 325445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Heritage Kitchens Property Type: Sewage Disposal Works - Other Location: The A17 By-Pass Welbourn Lane (East), Holbeach, Spalding, Lincs Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pm1f02987 Permit Version: 1 Effective Date: 20th July 1990 Issued Date: 20th July 1990 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	427	3	535420 325670
5	<p>Discharge Consents</p> <p>Operator: Mr A A Brooks Property Type: Sewage Disposal Works - Other Location: Lambleys Mill Cottage Garden Northons Lane, Holbeach, Lincs, Pe12 7pz Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pm1f03154 Permit Version: 1 Effective Date: 2nd August 1990 Issued Date: 2nd August 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	529	3	535200 325250
5	<p>Discharge Consents</p> <p>Operator: Mr S Eaton Property Type: Domestic Property (Single) Location: Eaton House Northons Lane, Holbeach, Spalding, Lincolnshire, Pe12 7pz Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Pm1f12884 Permit Version: 1 Effective Date: 7th October 2002 Issued Date: 30th October 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Whaplode River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NE (SE)	562	3	535230 325230
5	<p>Discharge Consents</p> <p>Operator: Miss Sylvia French Property Type: Sewage Disposal Works - Other Location: Lambleys Mill Cottage Northons Lane, Holbeach, Spalding, Lincs, Pe12 7pz Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pm1f03155 Permit Version: 1 Effective Date: 2nd August 1990 Issued Date: 2nd August 1990 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A8NE (SE)	574	3	535200 325200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 5 Effective Date: 16th March 2010 Issued Date: 16th March 2010 Revocation Date: 21st December 2012 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	751	3	535750 326030
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 6 Effective Date: 22nd December 2012 Issued Date: 16th March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	751	3	535750 326030
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 6 Effective Date: 22nd December 2012 Issued Date: 16th March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	751	3	535750 326030
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 5 Effective Date: 16th March 2010 Issued Date: 16th March 2010 Revocation Date: 21st December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	751	3	535750 326030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 4 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 15th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	751	3	535750 326030
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 4 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 15th March 2010 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	751	3	535750 326030
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 3 Effective Date: 15th December 2006 Issued Date: 15th December 2006 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	751	3	535750 326030
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 3 Effective Date: 15th December 2006 Issued Date: 15th December 2006 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	751	3	535750 326030

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 2 Effective Date: 23rd December 2005 Issued Date: 23rd December 2005 Revocation Date: 14th December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	775	3	535780 326010
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 2 Effective Date: 23rd December 2005 Issued Date: 23rd December 2005 Revocation Date: 14th December 2006 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	775	3	535780 326010
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 1 Effective Date: 15th July 1985 Issued Date: 15th July 1985 Revocation Date: 22nd December 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	775	3	535780 326010
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: Sewage Disposal Works - Water Company Location: Holbeach Stw Tolls Lane, Holbeach, Spalding, Pe12 7pr Authority: Environment Agency, Anglian Region Catchment Area: Low River Welland (Spalding) Reference: Aw5nf378a Permit Version: 1 Effective Date: 15th July 1985 Issued Date: 15th July 1985 Revocation Date: 22nd December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Holbeach River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	775	3	535780 326010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Crane Property Type: Domestic Property (Single) Location: Ropers Gate Lutton, Spalding, Lincs, Pe12 9nu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pm1f01062 Permit Version: 1 Effective Date: 29th June 1989 Issued Date: 29th June 1989 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	852	3	534100 325400
	<p>Nearest Surface Water Feature</p>	A13NW (N)	0	-	534942 325868
8	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Rising Main Location: Spalding District, HOLBEACH Authority: Environment Agency, Anglian Region Pollutant: Crude Sewage Note: Potential Sewage Works Incident Date: 19th May 1999 Incident Reference: 2839 Catchment Area: Not Given Receiving Water: Potential River Cause of Incident: Leaking Underground Pipe Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A15NW (E)	989	3	536000 326000
	<p>Water Abstractions</p> <p>Operator: D R Bridger Esq Licence Number: 5/31/14/*g/068a Permit Version: Not Supplied Location: Well Crown Farm, Holbeach Clough, HOLBEACH Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 2 Yearly Rate (m3): 6820 Details: Fluvial Sand and Gravel; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A23NE (N)	1423	3	534960 327290
	<p>Water Abstractions</p> <p>Operator: F Pennington & Son(Holbeach) Licence Number: 5/32/11/*s/057 Permit Version: Not Supplied Location: Ogdens Dyke, HOLBEACH Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 13 Yearly Rate (m3): 400000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15SE (E)	1512	3	536500 325500
	<p>Groundwater Vulnerability</p> <p>Soil Classification: Not classified Map Sheet: Sheet 24 North Northamptonshire Scale: 1:100,000</p>	A13NW (NE)	0	3	534943 325798
	<p>Drift Deposits</p> <p>None</p>				
	<p>Bedrock Aquifer Designations</p> <p>Aquifer Designation: Unproductive Strata</p>	A13NE (E)	0	2	535000 325798

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (NE)	0	2	534943 325798
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (NE)	0	2	534943 325798
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13NE (E)	0	2	535000 325798
	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	A13NW (W)	0	3	534940 325798
	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 (NE)	0	3	534943 325798
	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)	0	3	534960 325760
	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	A13SE (SE)	8	3	534995 325770
	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)	19	3	534995 325890
	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)	77	3	535050 325735
	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)	164	3	535140 325710
	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 (W)	0	3	534940 325798
	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 (NE)	0	3	534943 325798
	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	A13SE (SE)	0	3	534960 325760
	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	A13SE (SE)	8	3	534995 325770
	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	A13SE (SE)	77	3	535050 325735
	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	A13SE (SE)	164	3	535140 325710
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Defences None				
9	Detailed River Network Lines River Type: Primary River River Name: New River Hydrographic Area: D005 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	57	3	535047 325742
	Detailed River Network Offline Drainage None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Historical Landfill Sites Licence Holder: Not Supplied Location: Whaplode, Lincolnshire Name: Main Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD00254 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: SH-49-01/89, RD7-49-01/89, 2500/5063	A7SE (SW)	944	3	534354 324935
	Local Authority Landfill Coverage Name: South Holland District Council - Has no landfill data to supply		0	5	534943 325798
	Local Authority Landfill Coverage Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	4	534943 325798
11	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A9NW (SE)	501	-	535298 325360
12	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18SE (N)	503	-	534980 326370
13	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (SE)	538	-	535457 325511
14	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A9NW (SE)	628	-	535483 325392
15	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A9NW (SE)	639	-	535503 325402
16	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A7NE (SW)	653	-	534420 325259
17	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	A8SW (S)	747	-	534863 324963
18	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1931	A18NW (N)	766	-	534930 326633
19	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A9NW (SE)	809	-	535510 325137
20	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1958	A8SW (S)	839	-	534840 324872
21	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1959	A9SW (SE)	989	-	535405 324838

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p>Control of Major Accident Hazards Sites (COMAH)</p> <p>Name: Frontier Agriculture Limited Location: Welbourne Lane, Holbeach Distillery Farm, Welbourne Lane West, Holbeach, Lincolnshire, Pe12 7py Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A13NW (W)	0	6	534905 325791

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)	A13NW (NE)	0	2	534943 325798
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NE)	0	2	534943 325798
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	133	2	534943 326000
	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	A8SW (S)	709	2	534943 325000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (W)	894	2	534000 325798
	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	A13NW (NE)	0	2	534943 325798
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	2	535000 325798
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	2	534943 325798
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	2	535000 325798

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	2	534943 325798
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	2	535000 325798
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	2	534943 325798
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	2	535000 325798
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	2	534943 325798
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	2	535000 325798
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	2	534943 325798
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	2	535000 325798
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (NE)	0	2	534943 325798
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	2	535000 325798
	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	A13NW (NE)	0	2	534943 325798
	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 (E)	0	2	535000 325798

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Contemporary Trade Directory Entries Name: Sam Ltd Location: Welbourne Lane West, Holbeach, Spalding, Lincolnshire, PE12 7PY Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	0	-	534905 325791
23	Contemporary Trade Directory Entries Name: Frontier Location: Welbourne Lane West, Holbeach, SPALDING, Lincolnshire, PE12 7PY Classification: Chemicals - Distributors & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	0	-	534905 325791
24	Contemporary Trade Directory Entries Name: Homeclean Location: Lambleys Mill Cottage, Northons Lane, Holbeach, SPALDING, Lincolnshire, PE12 7PZ Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (SE)	558	-	535253 325250
25	Contemporary Trade Directory Entries Name: Brown Butlin Location: Northons Lane, Holbeach, Spalding, Lincolnshire, PE12 7QA Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	655	-	535399 325245
26	Contemporary Trade Directory Entries Name: P D Todd Location: 204, Boston Road North, Holbeach, Spalding, Lincolnshire, PE12 8AG Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	658	-	535027 326524
27	Contemporary Trade Directory Entries Name: M Searby Location: 68, Chestnut Avenue, Holbeach, Spalding, Lincolnshire, PE12 7NF Classification: Agricultural Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	755	-	535466 325170
28	Contemporary Trade Directory Entries Name: Lincs Water Services Ltd Location: 29, Northons Lane, Holbeach, Spalding, Lincolnshire, PE12 7PZ Classification: Engineering Services Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	771	-	535398 325091
29	Contemporary Trade Directory Entries Name: Alpha Materials Handling Location: Stockwell Gate, Holbeach, Spalding, Lincolnshire, PE12 8AU Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	833	-	534064 325936
30	Contemporary Trade Directory Entries Name: Map Technologies Location: Park Road, Holbeach, Spalding, Lincolnshire, PE12 7PT Classification: Food Colouring, Flavouring & Additive Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	888	-	535840 325478
30	Contemporary Trade Directory Entries Name: Diana Location: Park Road, Holbeach, Spalding, PE12 7PT Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	889	-	535844 325487
31	Contemporary Trade Directory Entries Name: Chandlers Farm Equipment Location: Boston Road South, Holbeach, Spalding, Lincolnshire, PE12 7NJ Classification: Agricultural Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	953	-	535695 325131

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Contemporary Trade Directory Entries Name: Merifoods Ltd Location: Washway Rd, Holbeach, Spalding, Lincolnshire, PE12 8AH Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A22SE (N)	999	-	534581 326816
33	Points of Interest - Commercial Services Name: The Thermal Ribbon Label Co Ltd Location: 216 Boston Road North, Holbeach, Spalding, PE12 8AG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	738	7	534984 326606
33	Points of Interest - Commercial Services Name: Thermal Ribbon Label Co Location: 216 Boston Road North, Holbeach, Spalding, PE12 8AG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	738	7	534984 326606
34	Points of Interest - Manufacturing and Production Name: R S Biggadike Location: 145 Boston Road North, Holbeach, Spalding, PE12 8AG Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A18SE (N)	347	7	535105 326198
35	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	A9NW (SE)	650	7	535360 325215
36	Points of Interest - Manufacturing and Production Name: Works Location: PE12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	702	7	535706 326007
37	Points of Interest - Manufacturing and Production Name: N C Ward Location: 112 Spalding Road, Holbeach, Spalding, PE12 7HJ Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A8SW (S)	807	7	534942 324903
38	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	A14NE (E)	728	7	535746 325938
38	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	A14NE (E)	729	7	535747 325937

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices South Holland District Council - Environmental Services	October 2013	Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	April 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Anglian Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	April 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control South Holland District Council - Environmental Services	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls South Holland District Council - Environmental Services	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements South Holland District Council - Environmental Services	October 2014	Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	As notified
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 - Northern Area	April 2016	Quarterly
Water Abstractions Environment Agency - Anglian Region	April 2016	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	April 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	April 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2016	Quarterly
Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
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	May 2016	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 - Northern Area	May 2016	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Northern Area	April 2016	Quarterly
Local Authority Landfill Coverage Lincolnshire County Council South Holland District Council - Environmental Services	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Lincolnshire County Council South Holland District Council - Environmental Services	May 2000 May 2000	Not Applicable 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 - Northern Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites 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	February 2016	Bi-Annually
Explosive Sites Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements South Holland District Council Lincolnshire County Council - Highways and Planning Department	January 2016 June 2010	Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Lincolnshire County Council - Highways and Planning Department South Holland District Council	August 2007 January 2016	Annual Rolling Update Annual Rolling Update
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	May 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
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	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	June 2016	Quarterly
Points of Interest - Education and Health PointX	June 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2016	Quarterly
Points of Interest - Public Infrastructure PointX	June 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	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
5	South Holland District Council - Environmental Services Council Offices, Priory Road, Spalding, Lincolnshire, PE11 2XE	Website: www.sholland.gov.uk
6	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr A Howells, Delta Simons, 3 Henley Office Park,
Doddington Road, Lincoln, LN6 3QR

Order Details

Order Number: 91148158_1_1
Customer Ref: 16-0574.01
National Grid Reference: 534950, 325800
Site Area (Ha): 1.51
Search Buffer (m): 1000

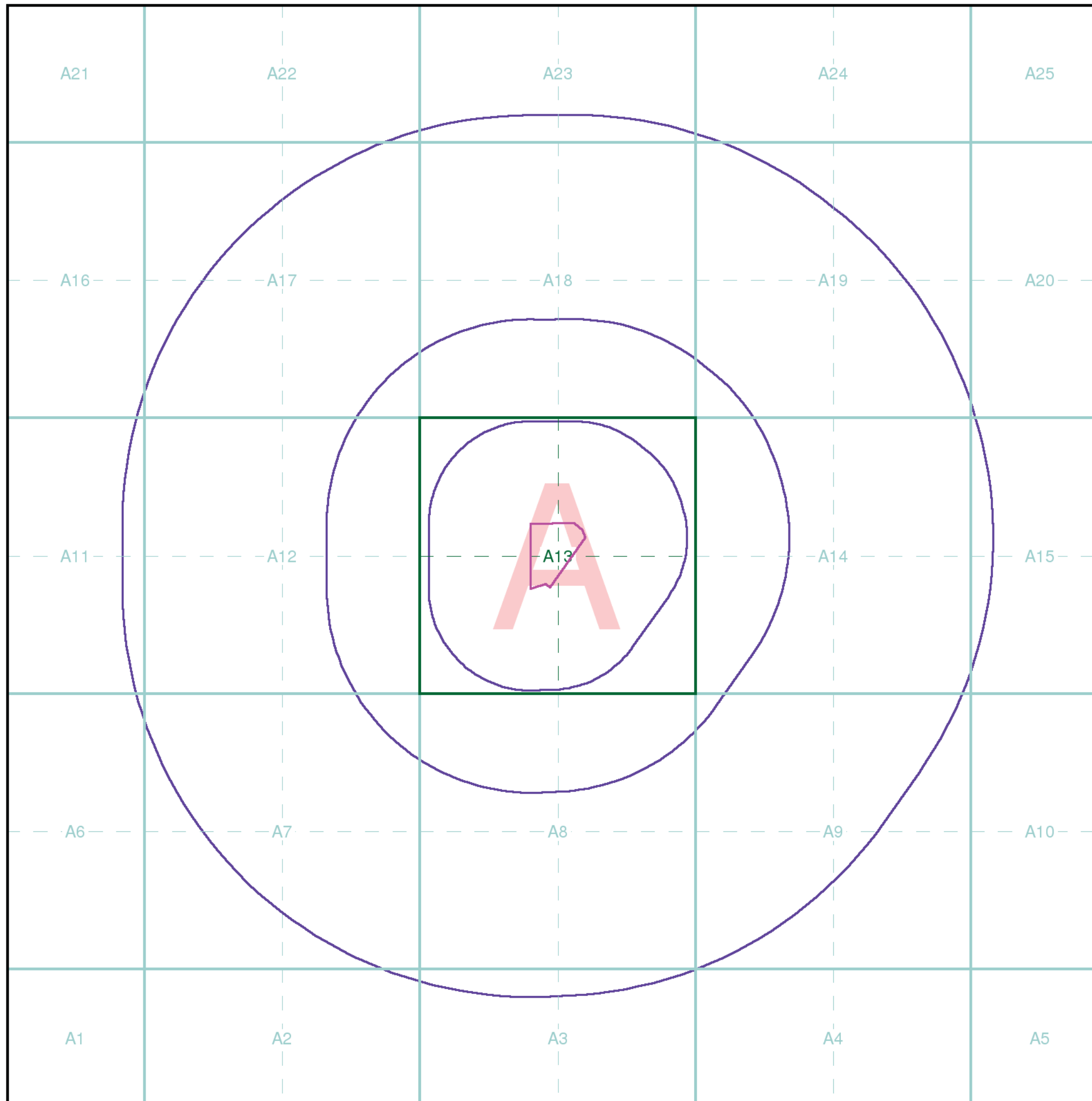
Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding,
PE12 7BF

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>

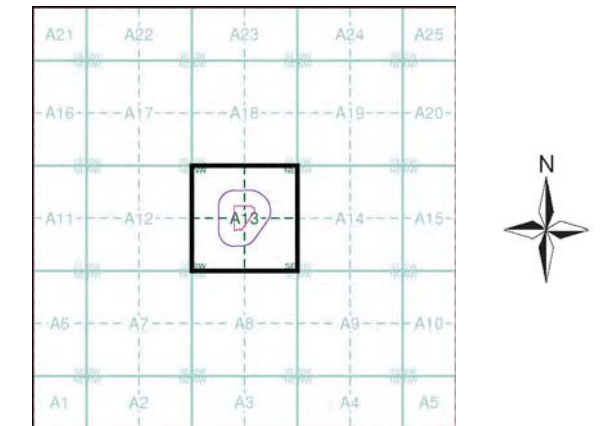


Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



- 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 Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

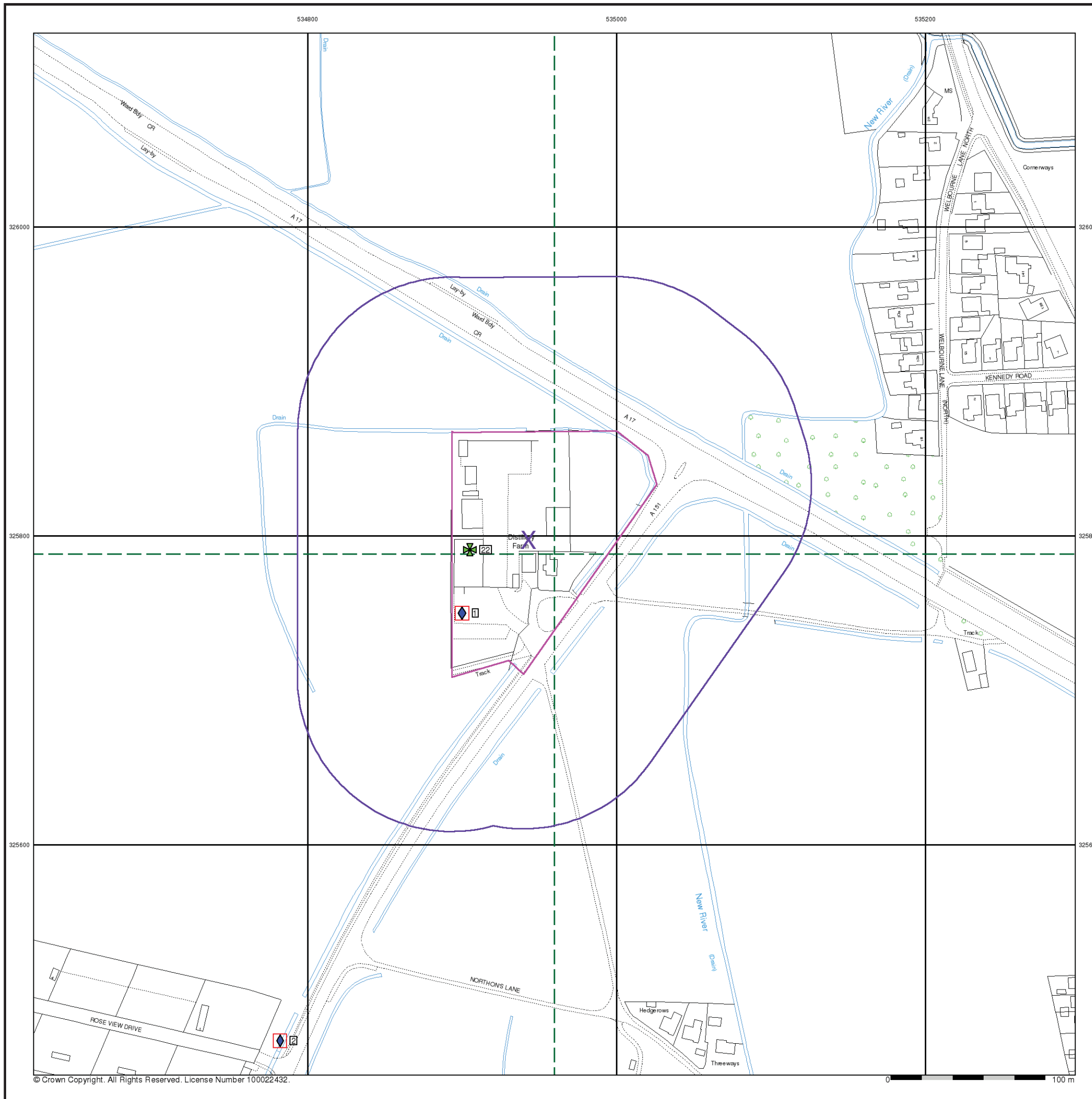


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Plot Buffer (m): 100

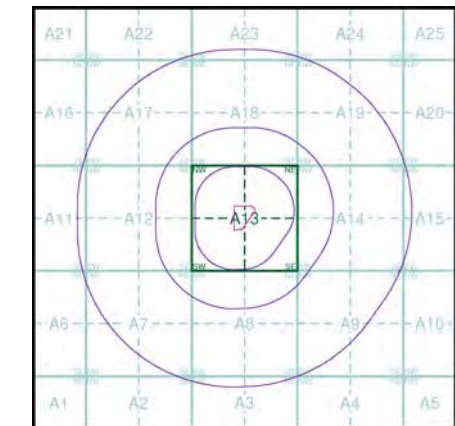
Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



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

Site Sensitivity Map - Slice A

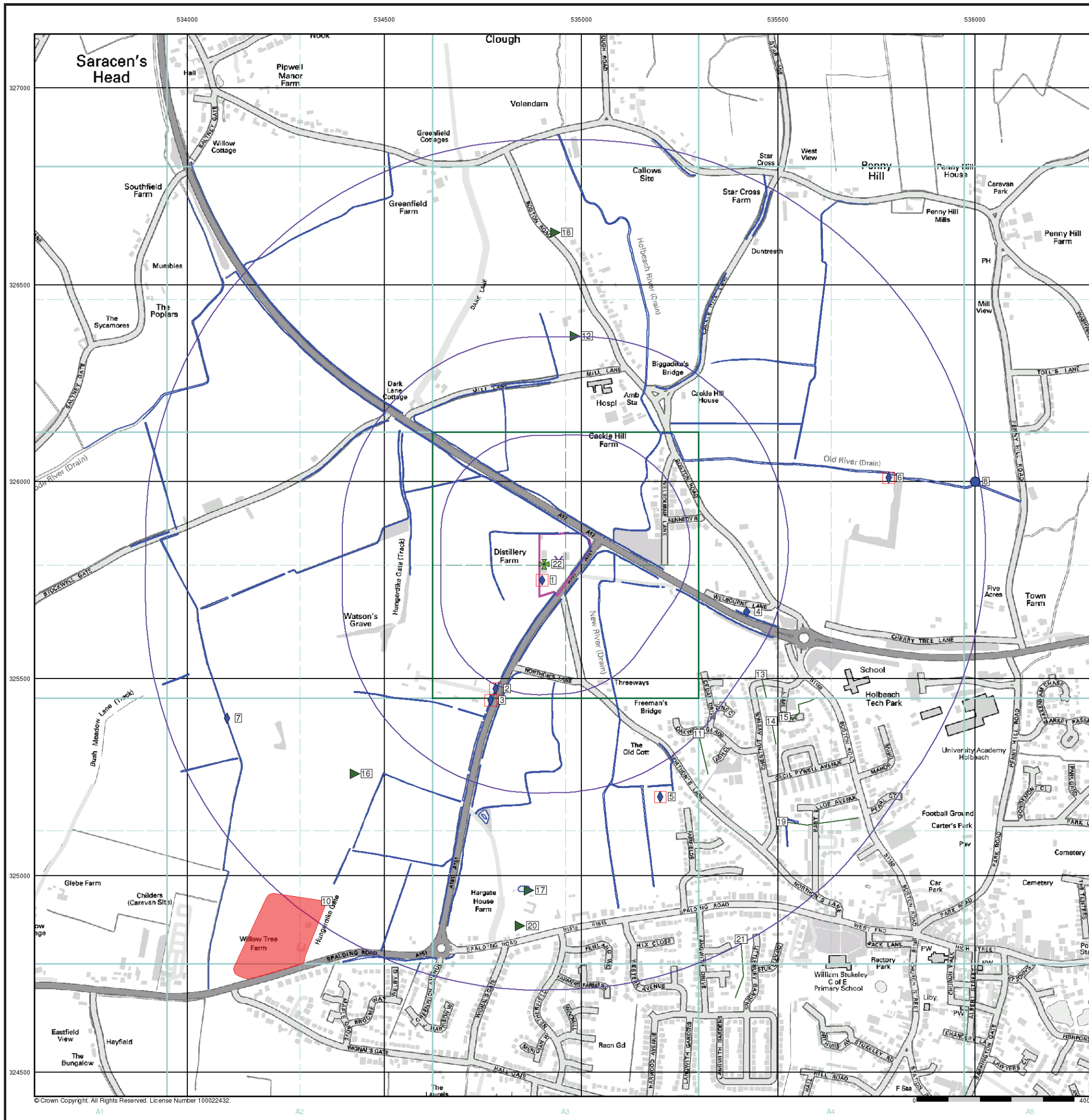


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000






Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF












Industrial Land Use Map

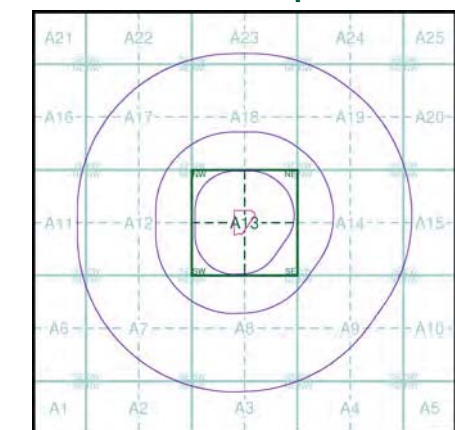
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A

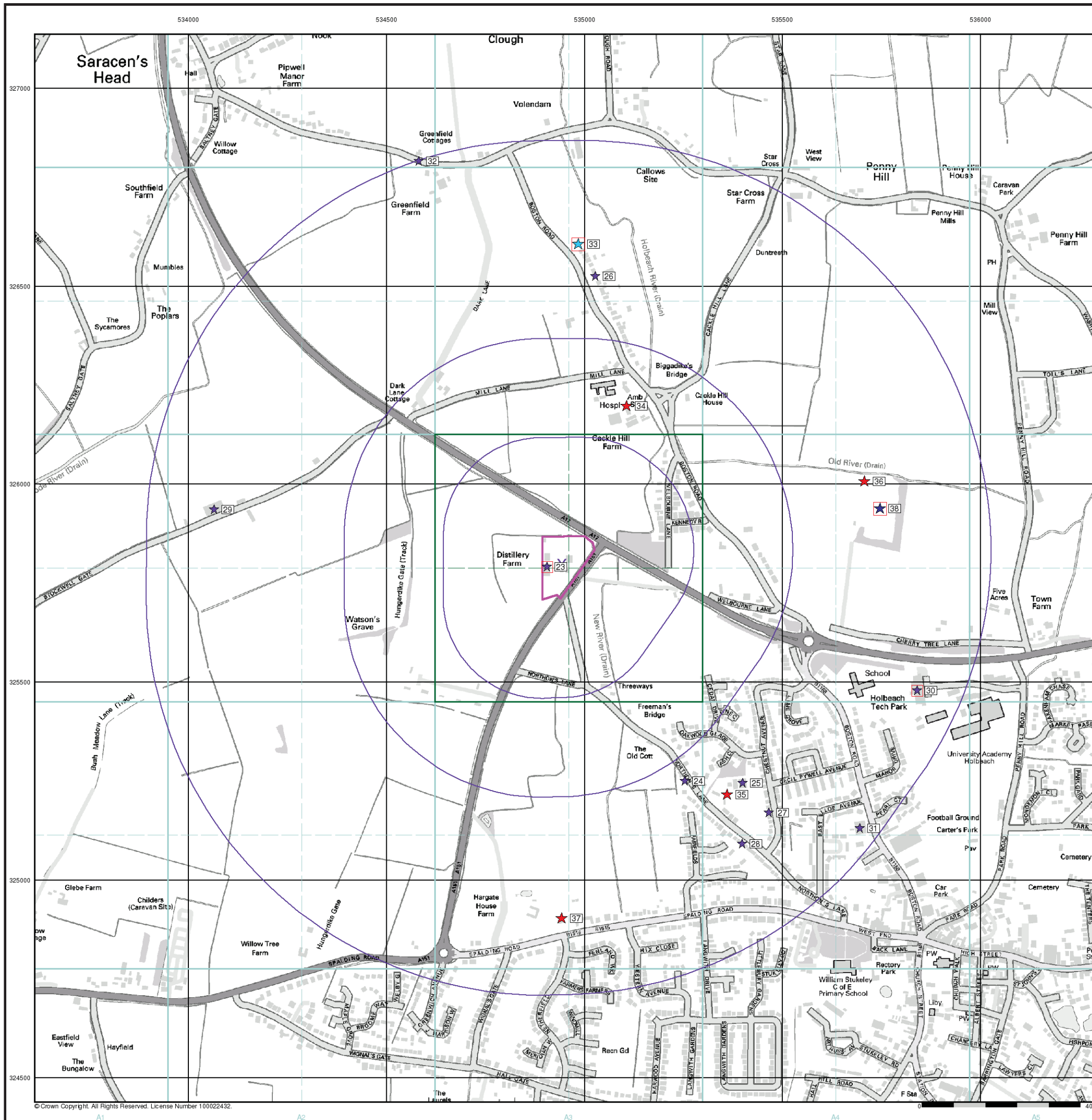


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000




Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF








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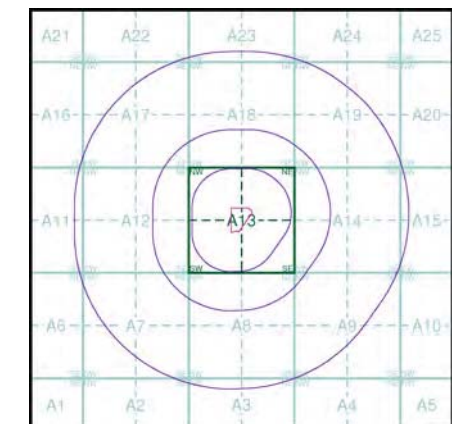
General

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

Agency and Hydrological (Flood)

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

Flood Map - Slice A

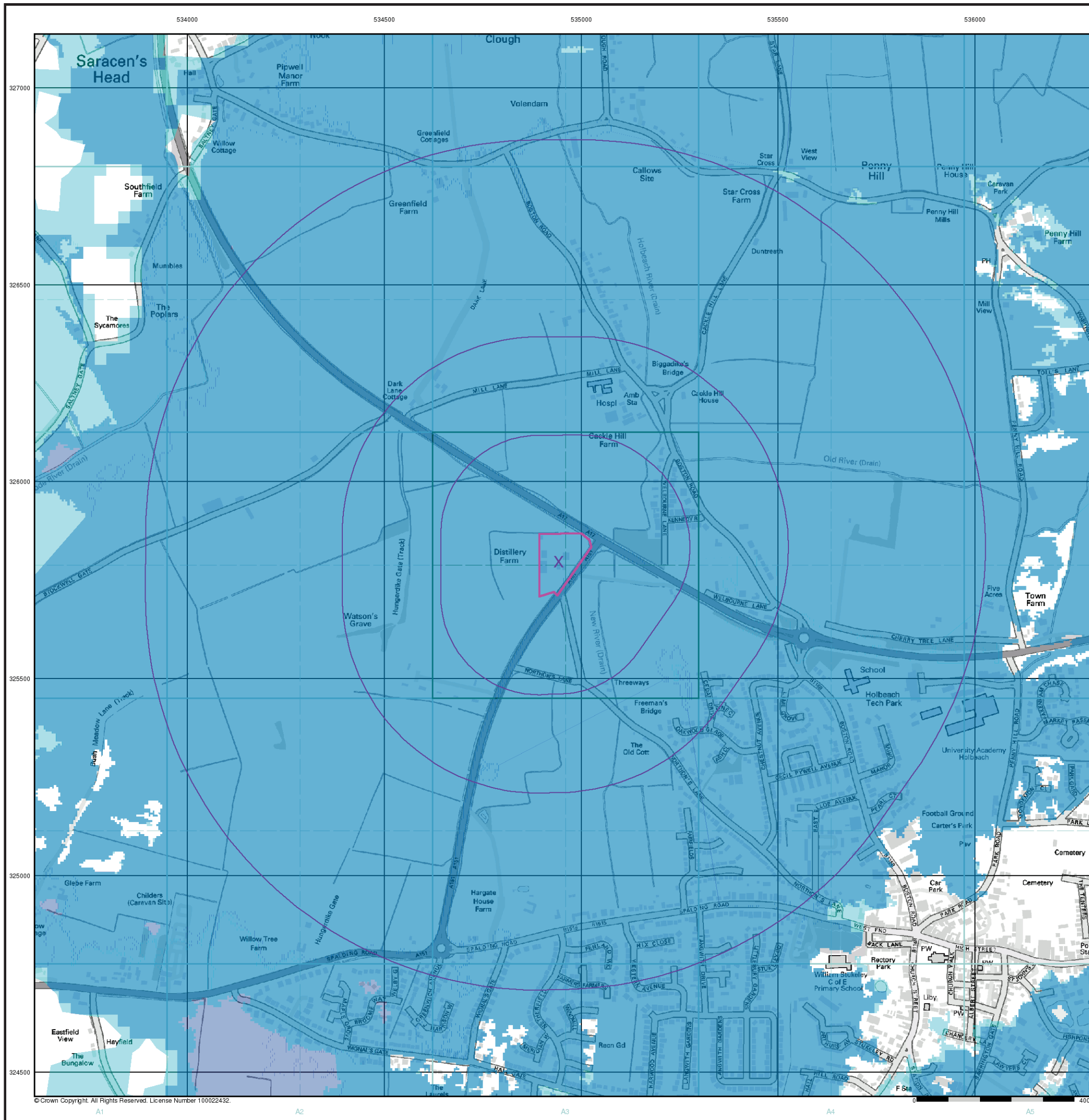


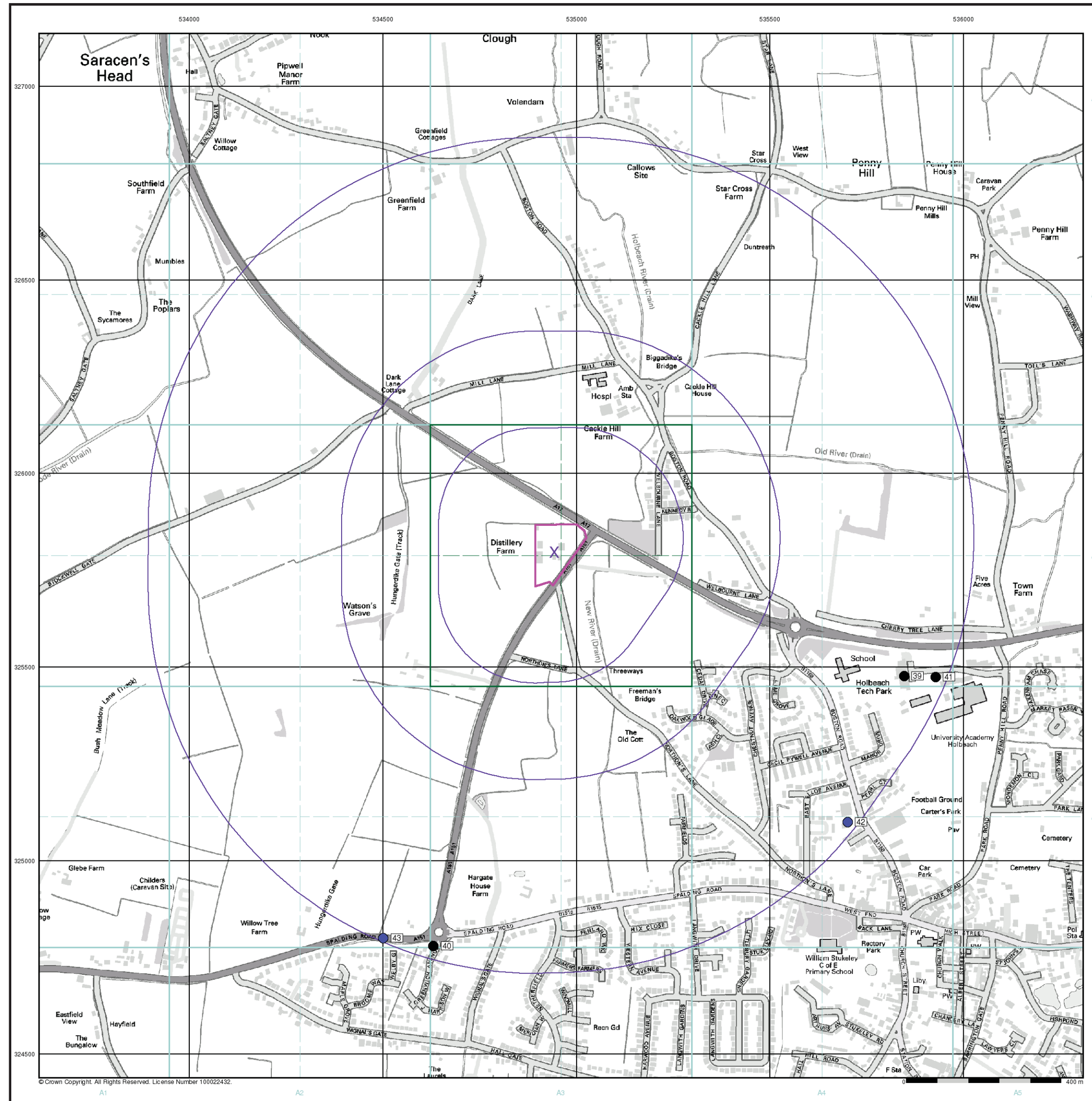
Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF





General

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

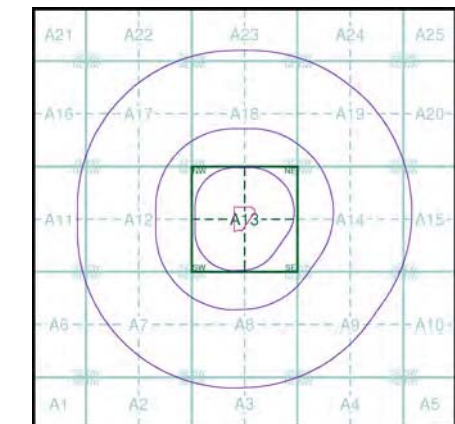
Agency and Hydrological (Boreholes)

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF

General

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

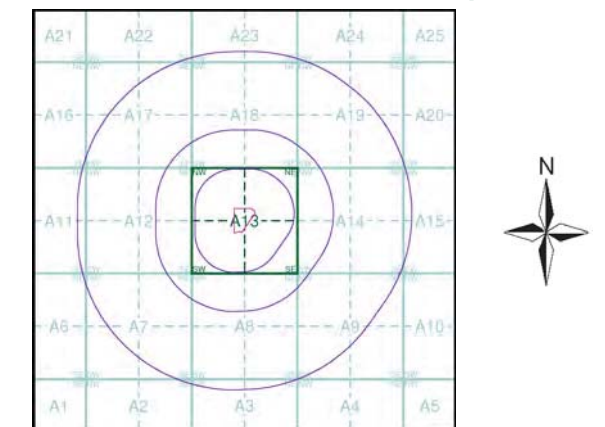
Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

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

EANRW Detailed River Network Map - Slice A

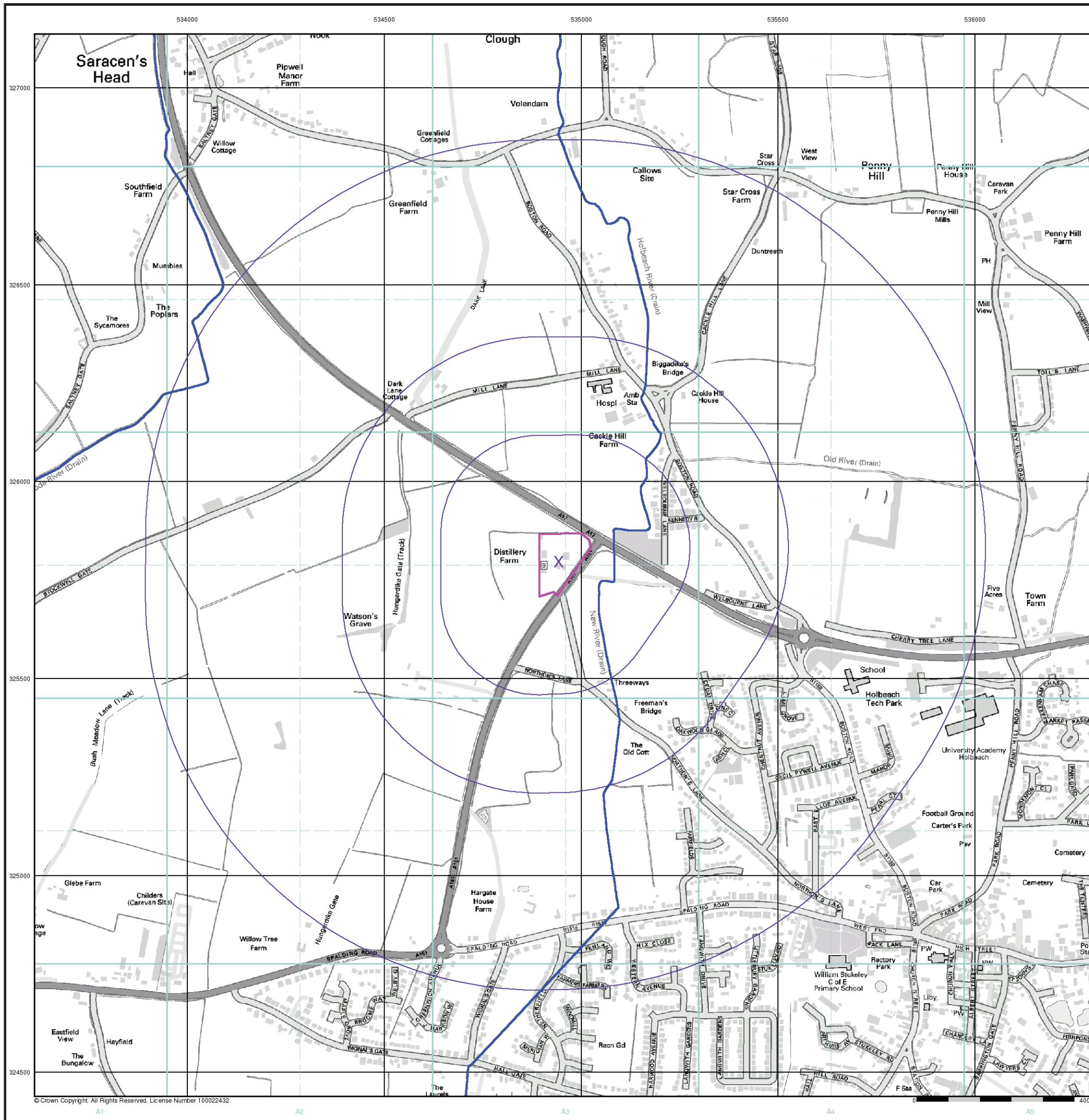


Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



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General

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

Risk of Flooding from Surface Water

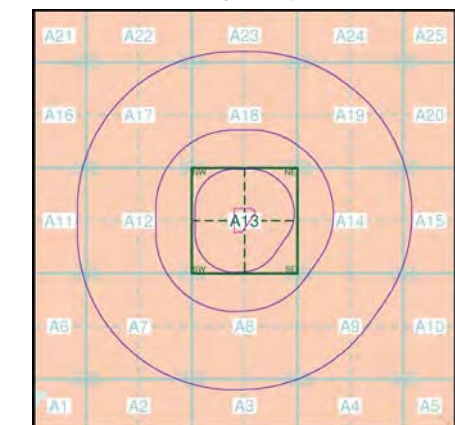
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

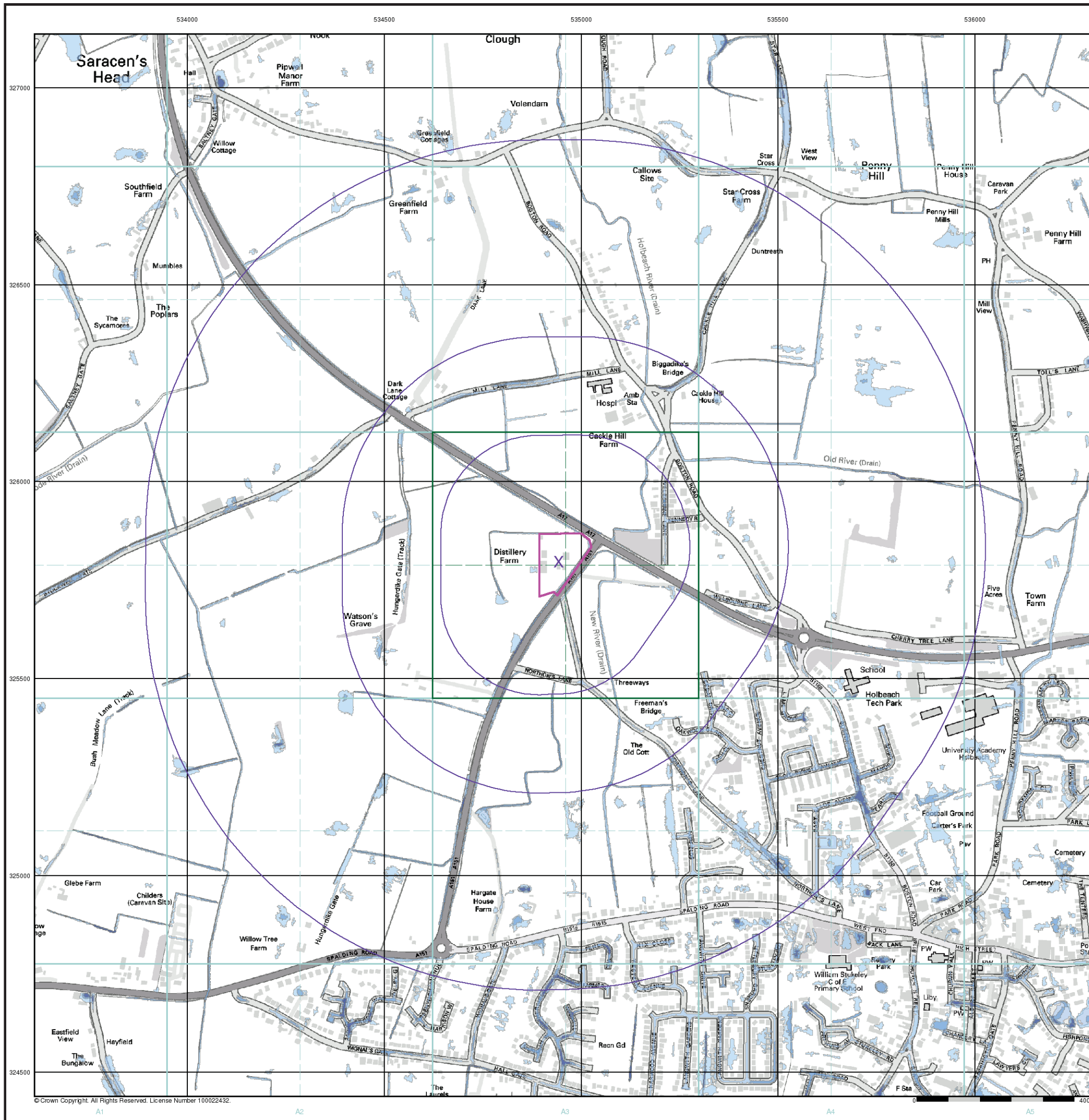


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Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
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Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF



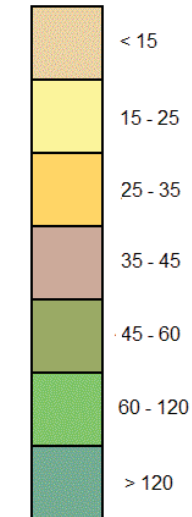
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General

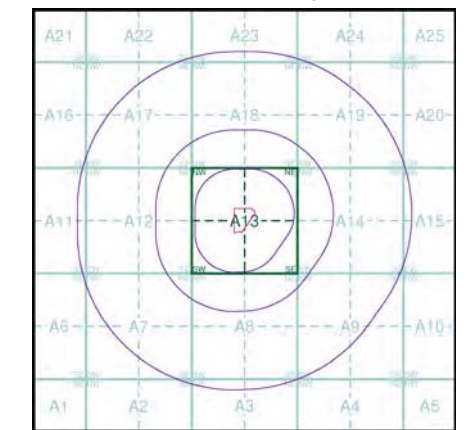
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

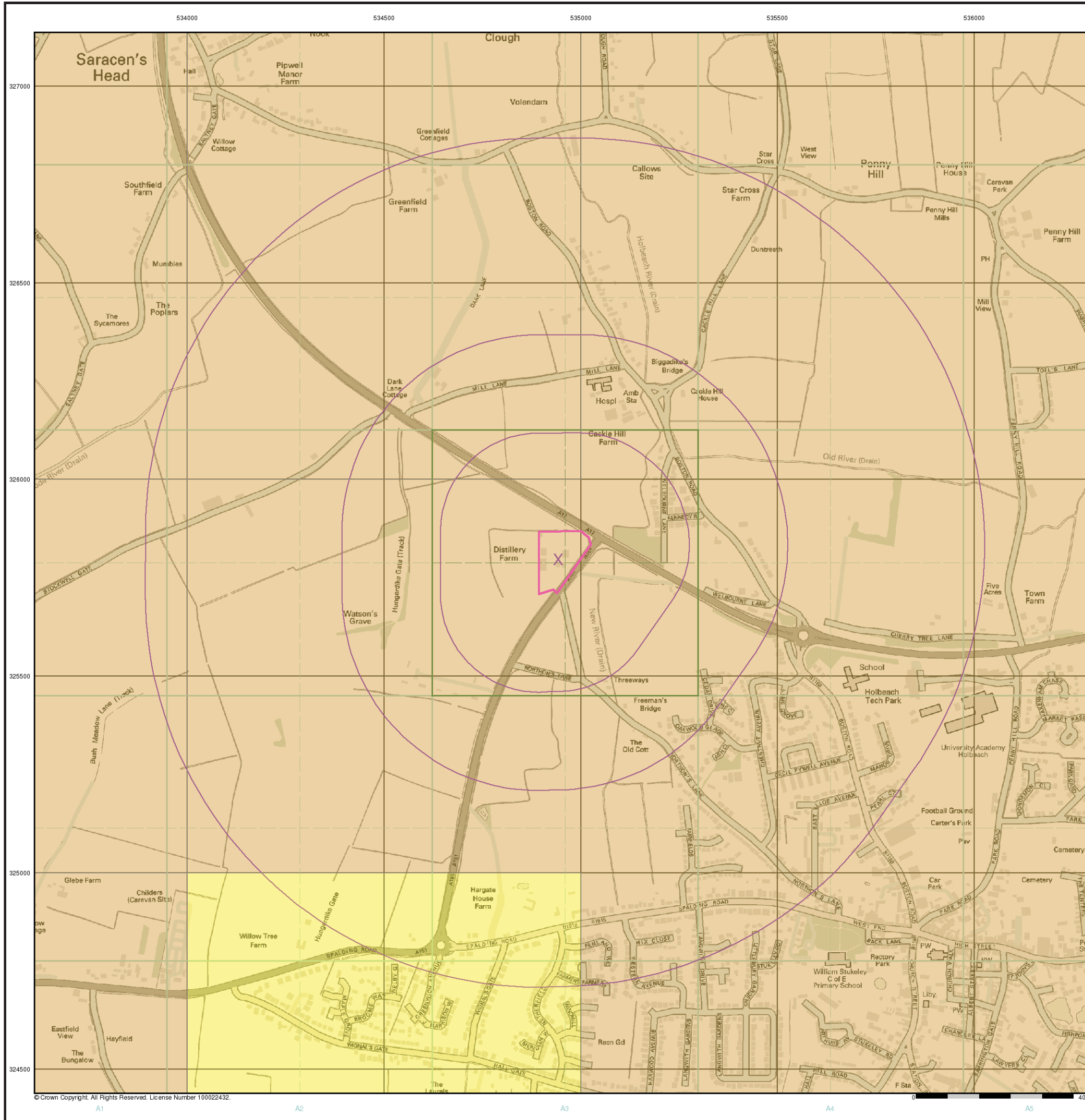


Order Details

Order Details: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF

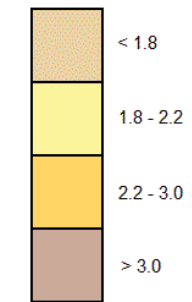


General

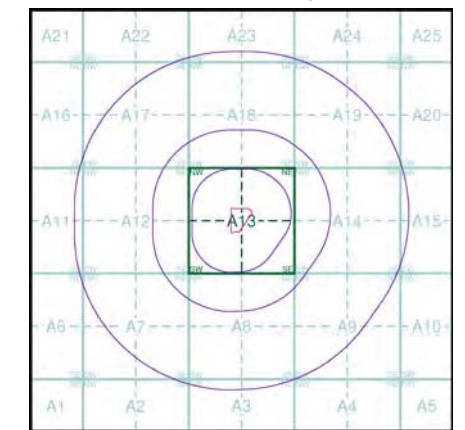
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

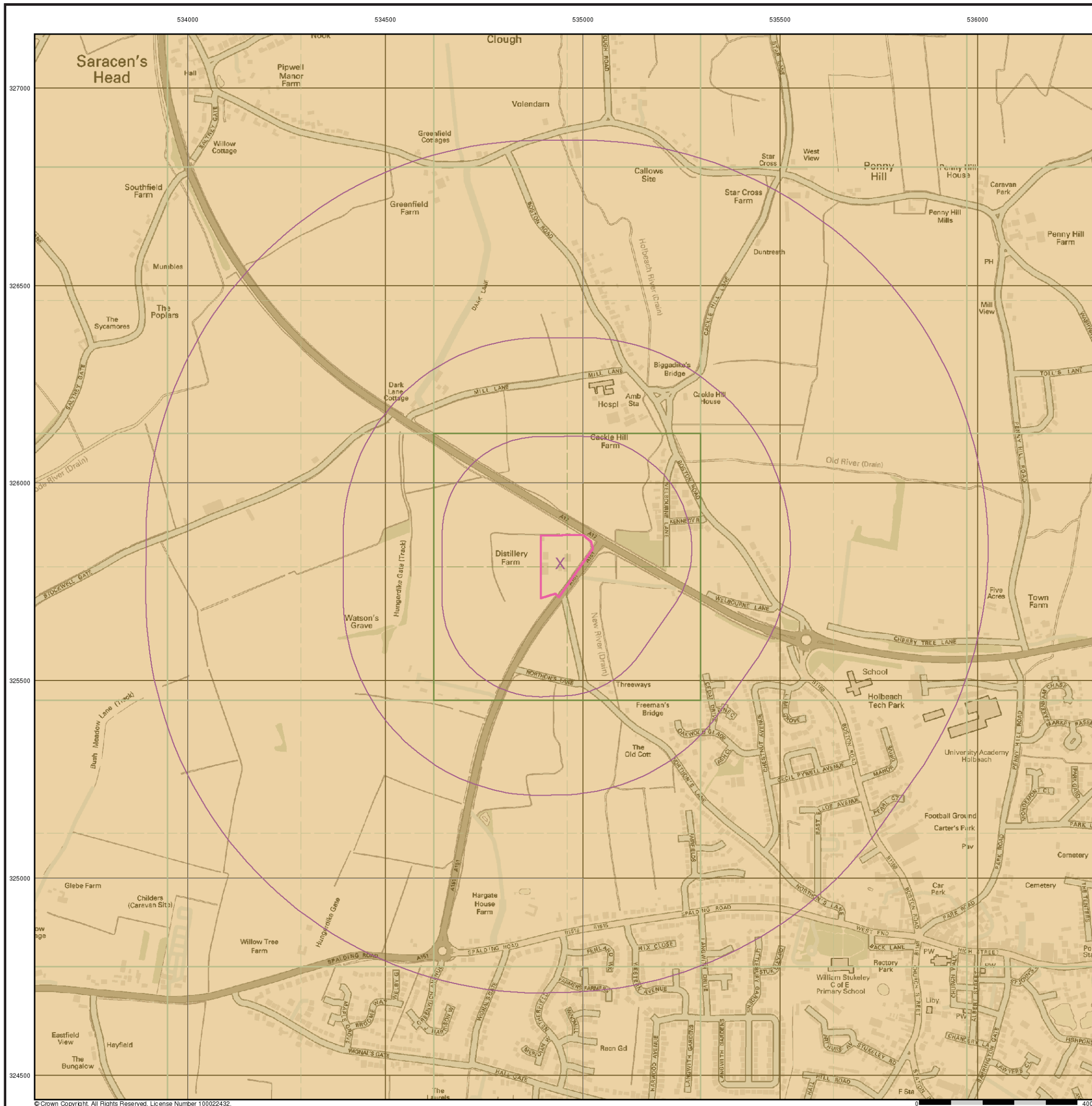


Order Details

Order Details: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding,
 PE12 7BF

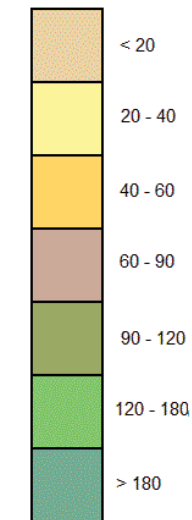


General

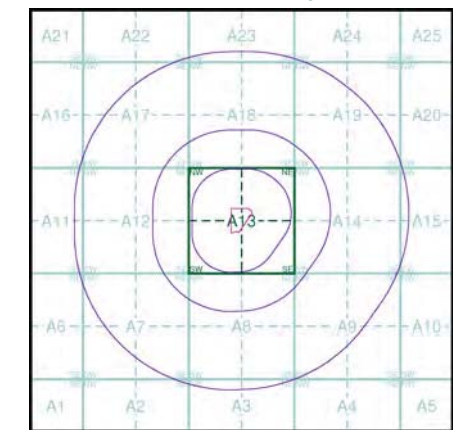
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

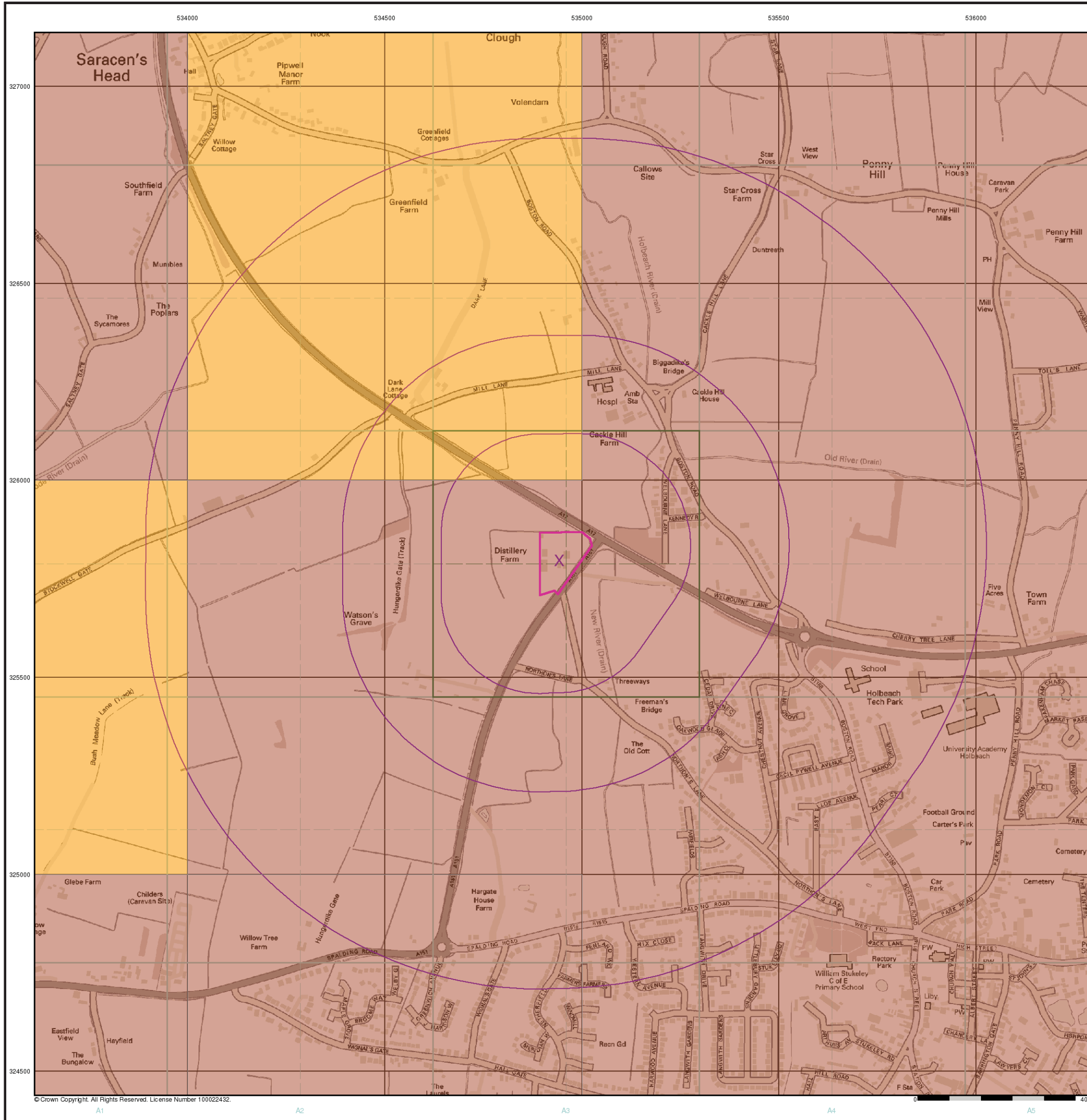


Order Details

Order Details: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
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Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF

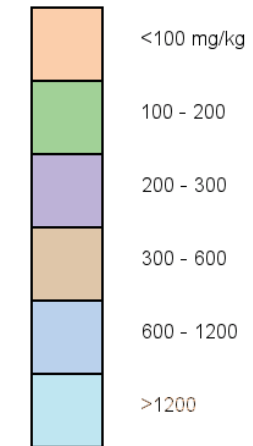


General

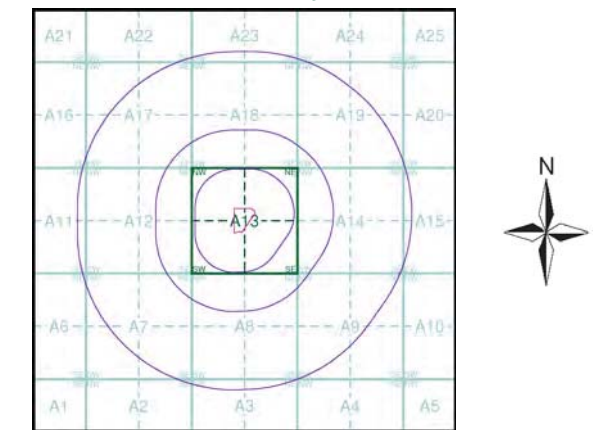
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

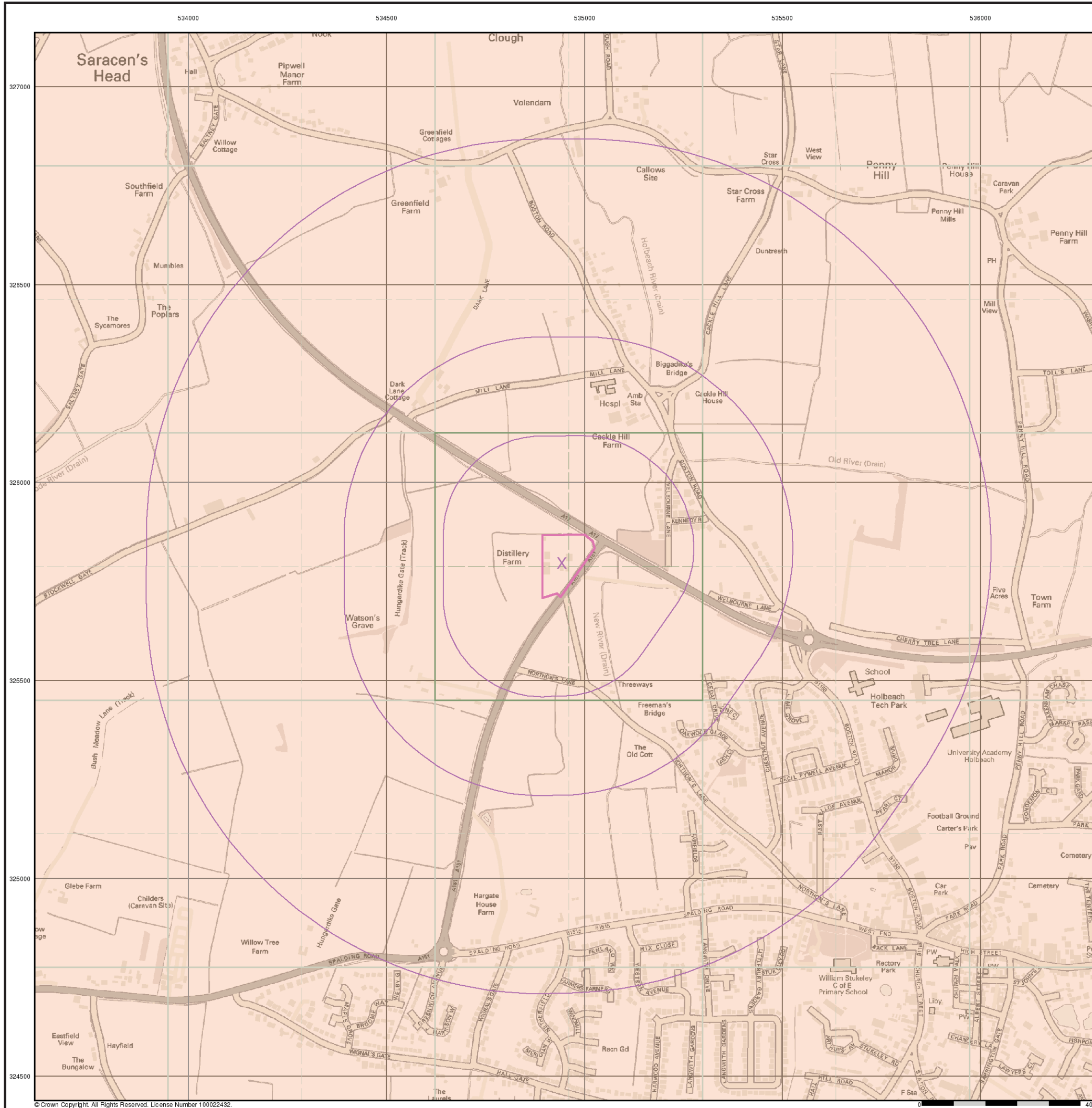


Order Details

Order Details: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
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 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

Distillery Farm, Welbourne Lane South, Holbeach, Spalding, PE12 7BF

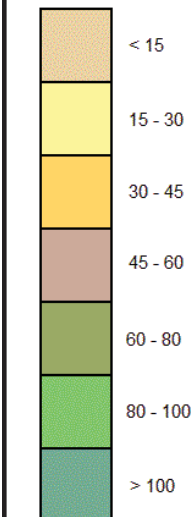


General

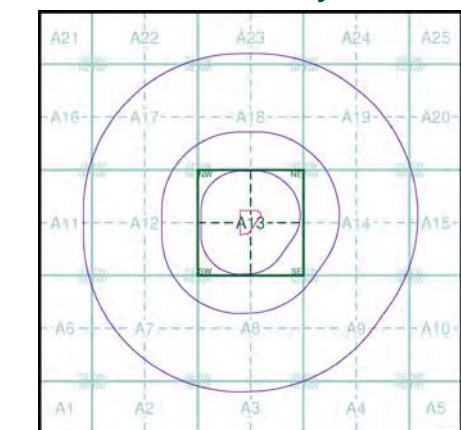
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

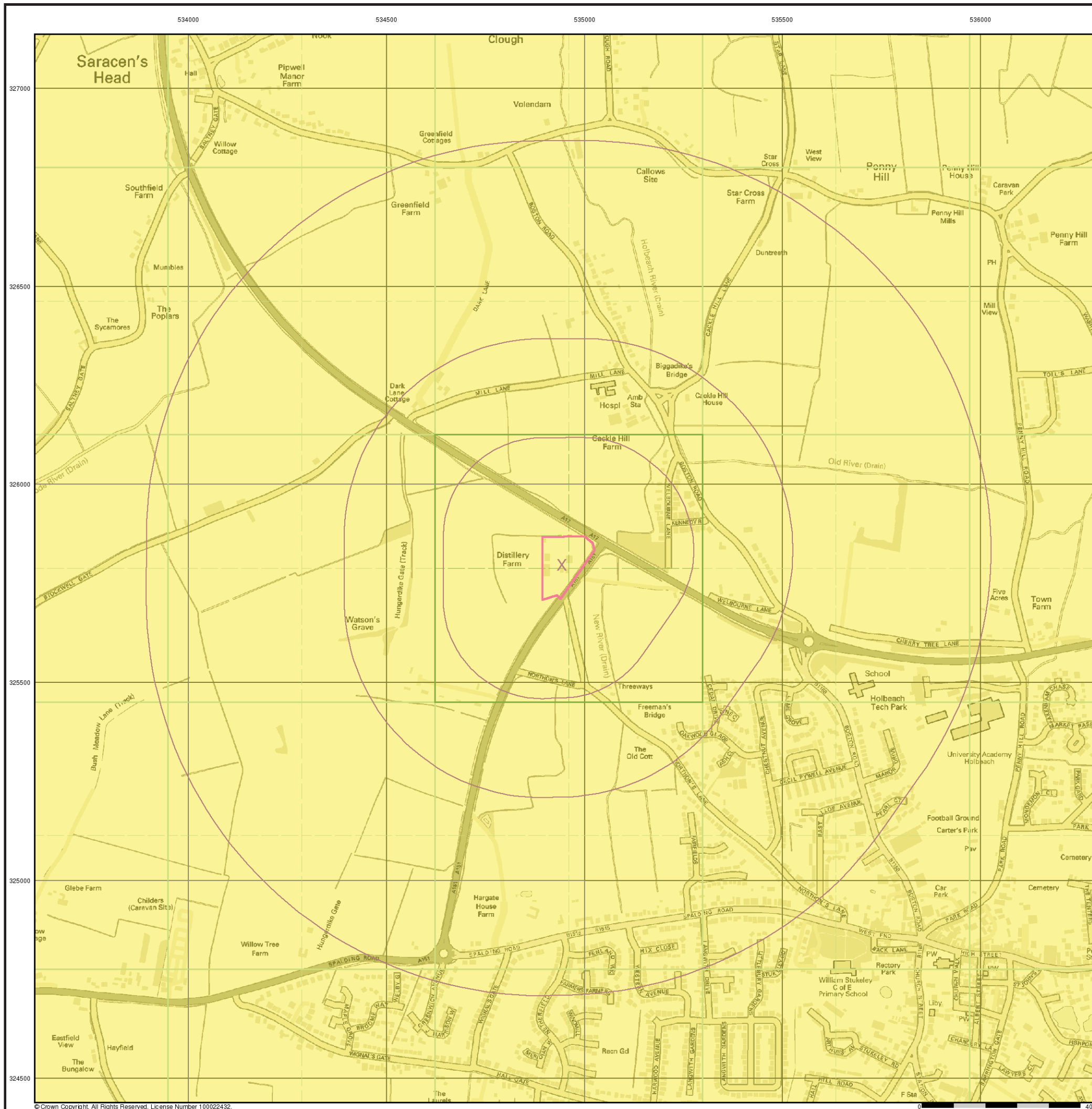


Order Details

Order Details: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

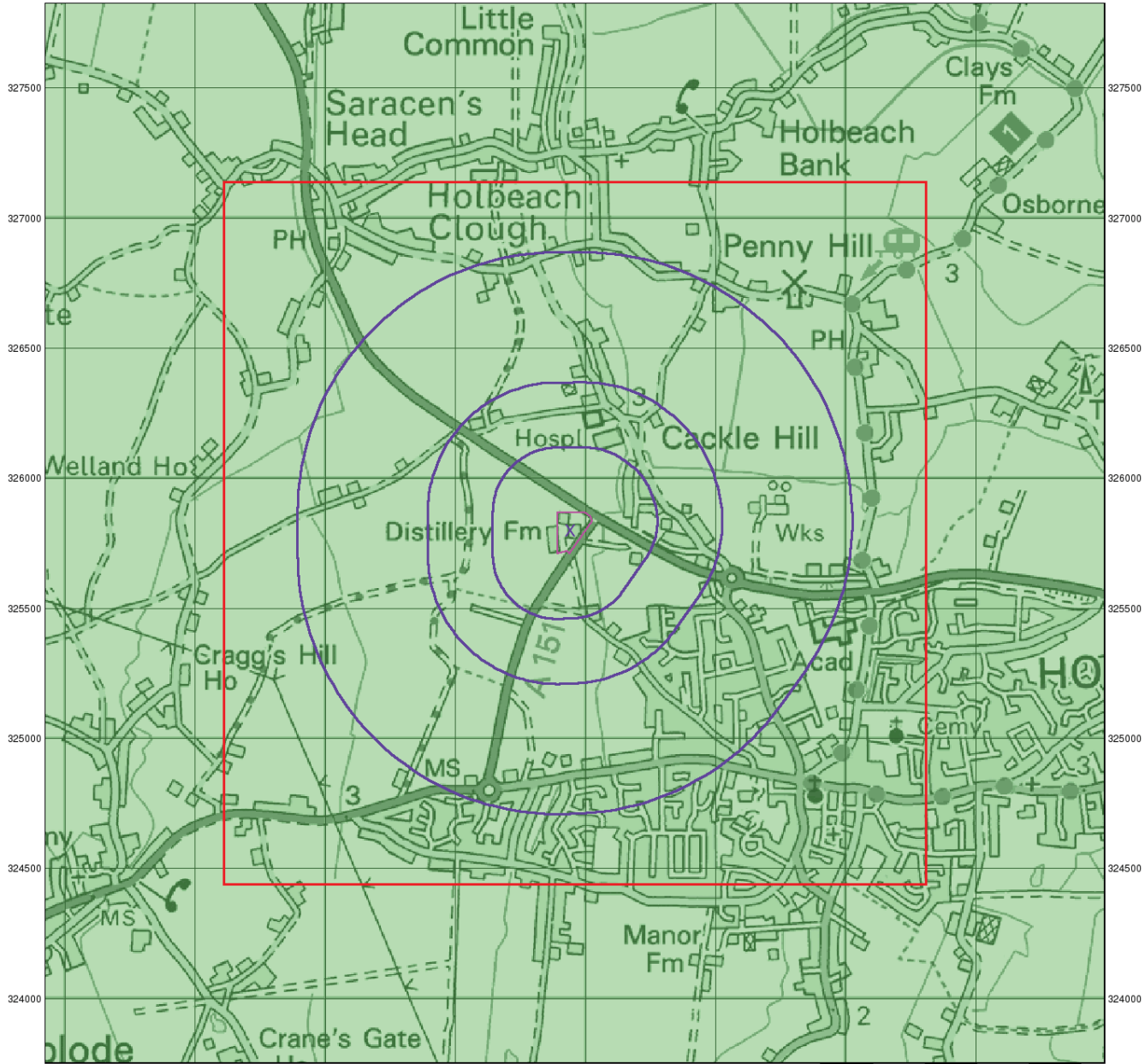
Site Details

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533000 533500 534000 534500 535000 535500 536000 536500



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0 1 km



Groundwater Vulnerability

General

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

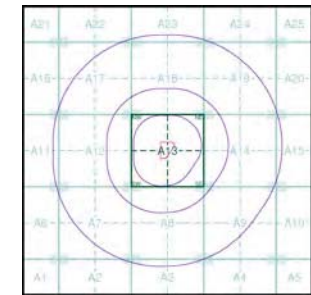
Agency and Hydrological

Geological Classes

- | | |
|---|--|
| Major Aquifer (Highly Permeable) | <ul style="list-style-type: none"> High (H) 1, 2, 3, U Intermediate (I) 1, 2 Low |
| Minor Aquifer (Variably Permeable) | <ul style="list-style-type: none"> High (H) 1, 2, 3, U Intermediate (I) 1, 2 Low |
| Non Aquifer (Negligibly Permeable) | |
| Water or Sea | |
| Drift Deposit | |

Soil Classes

Site Sensitivity Context Map - Slice A



Order Details

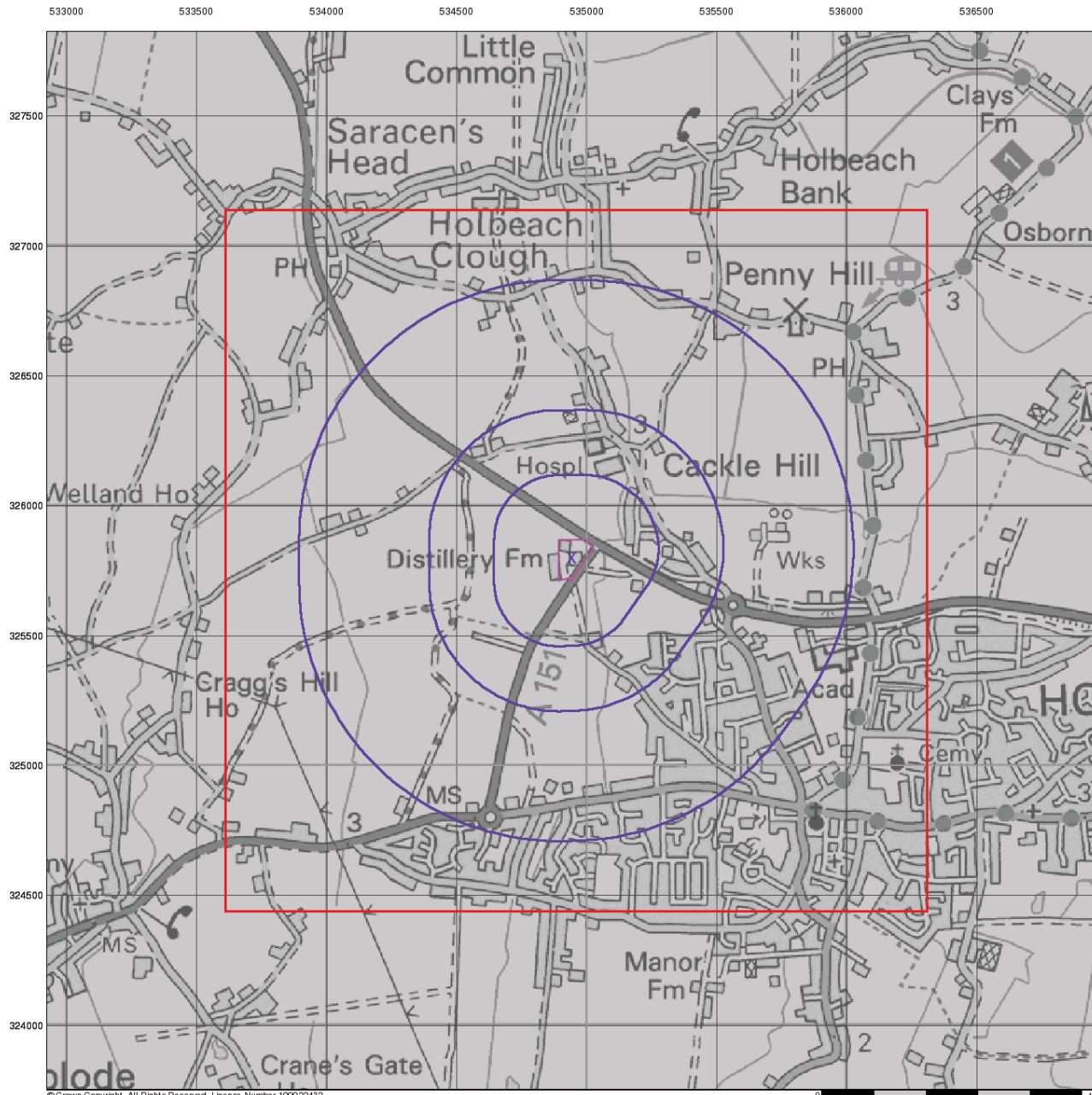
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 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

Site Details

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0 1 km



Bedrock Aquifer Designation

General

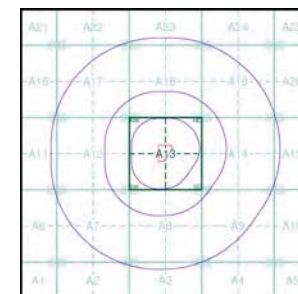
- ▭ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- ▭ Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 91148158_1_1
 Customer Ref: 16-0574.01
 National Grid Reference: 534940, 325800
 Slice: A
 Site Area (Ha): 1.51
 Search Buffer (m): 1000

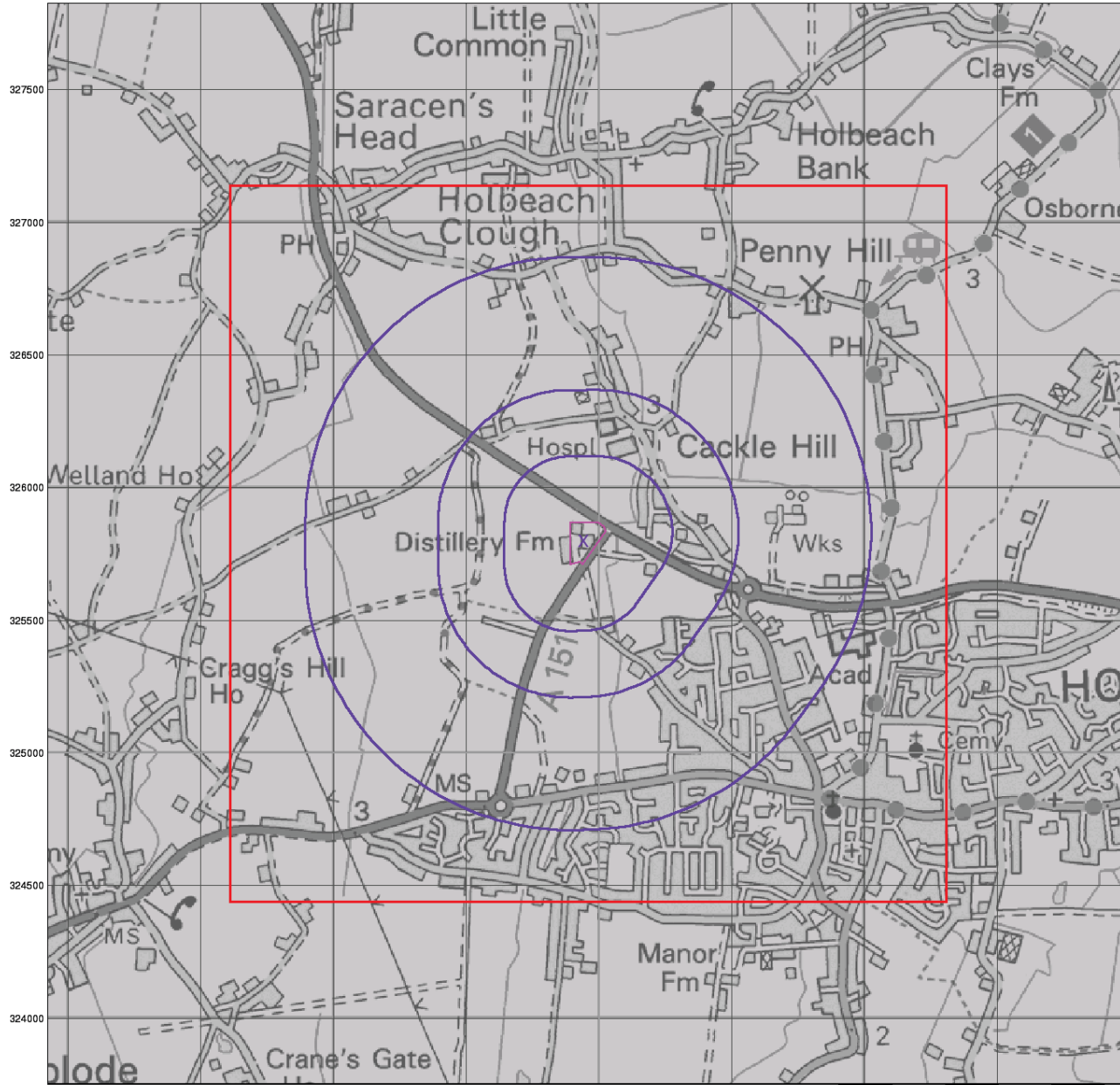
Site Details

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533000 533500 534000 534500 535000 535500 536000 536500



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0 1 km



Superficial Aquifer Designation

General

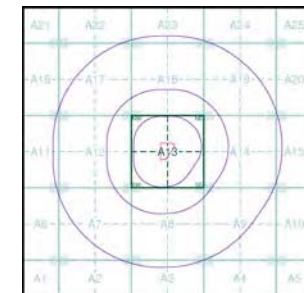
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

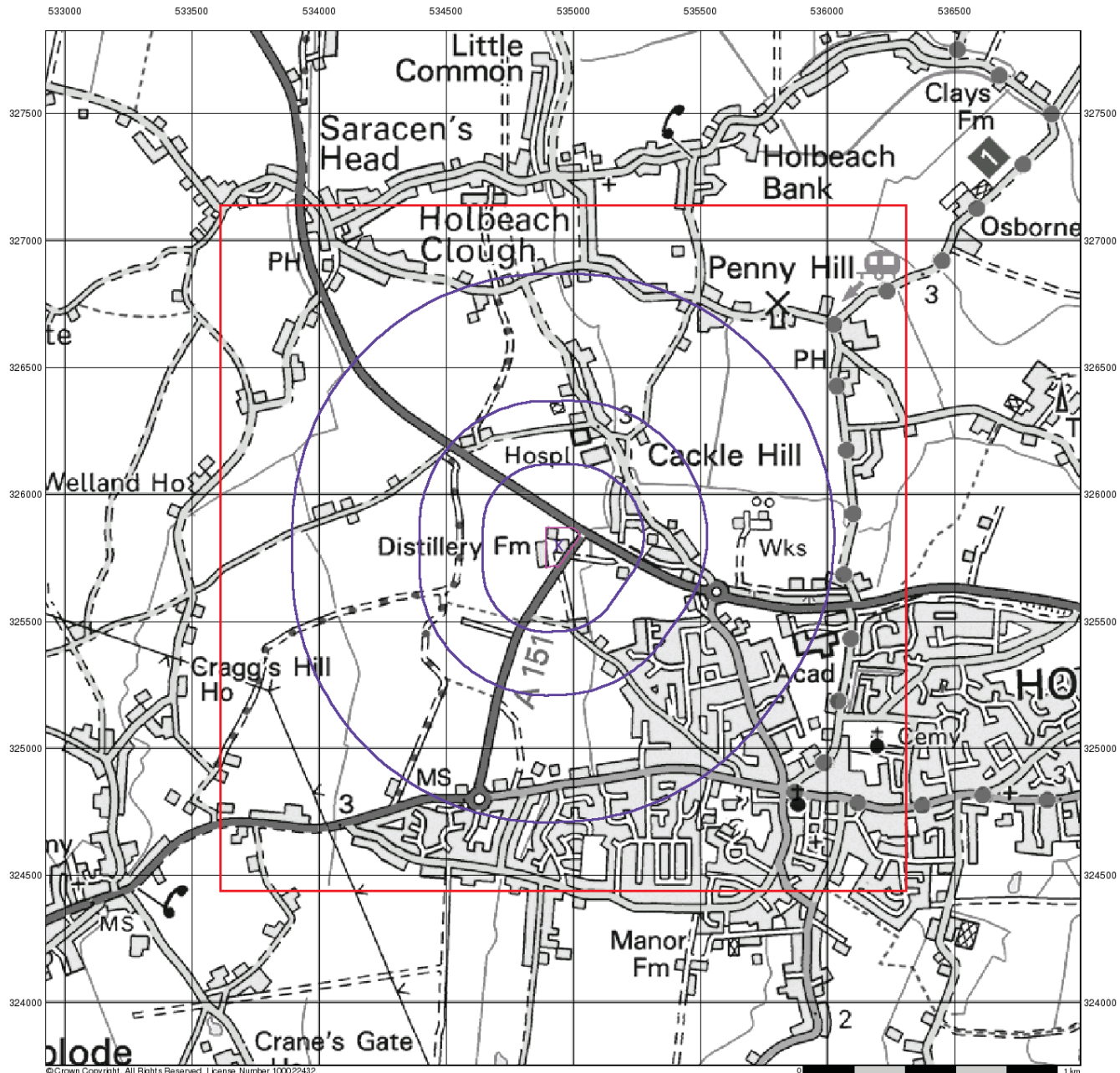
Order Number: 91148158_1_1
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Site Details

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Source Protection Zones

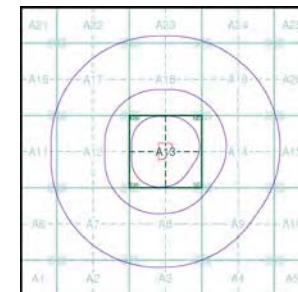
General

- 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)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

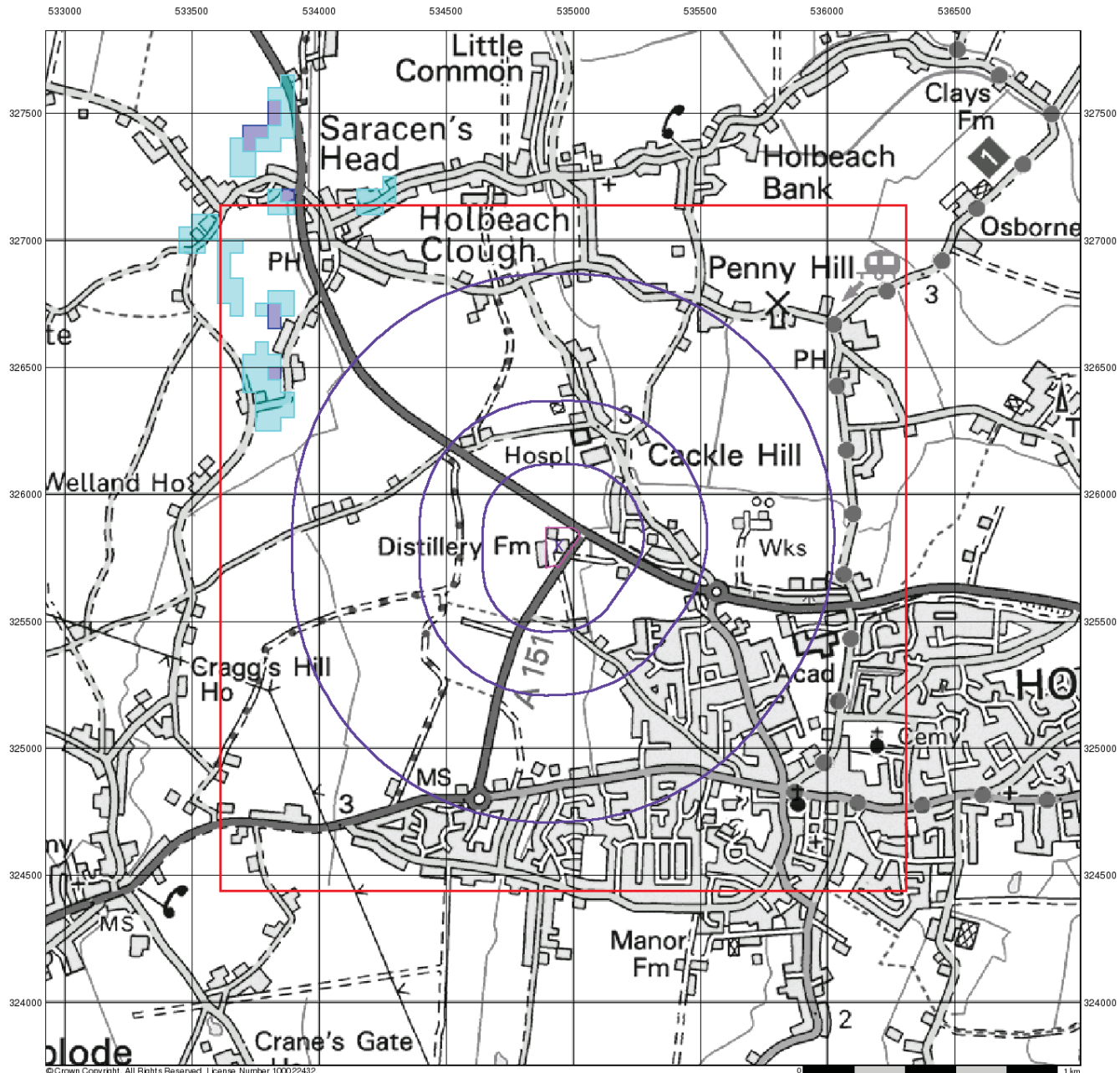
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 Customer Ref: 16-0574.01
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Site Details

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BGS Flood GFS Data

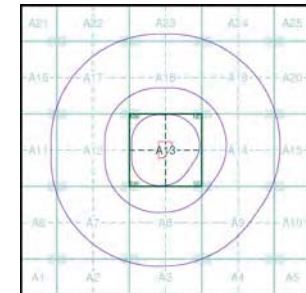
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

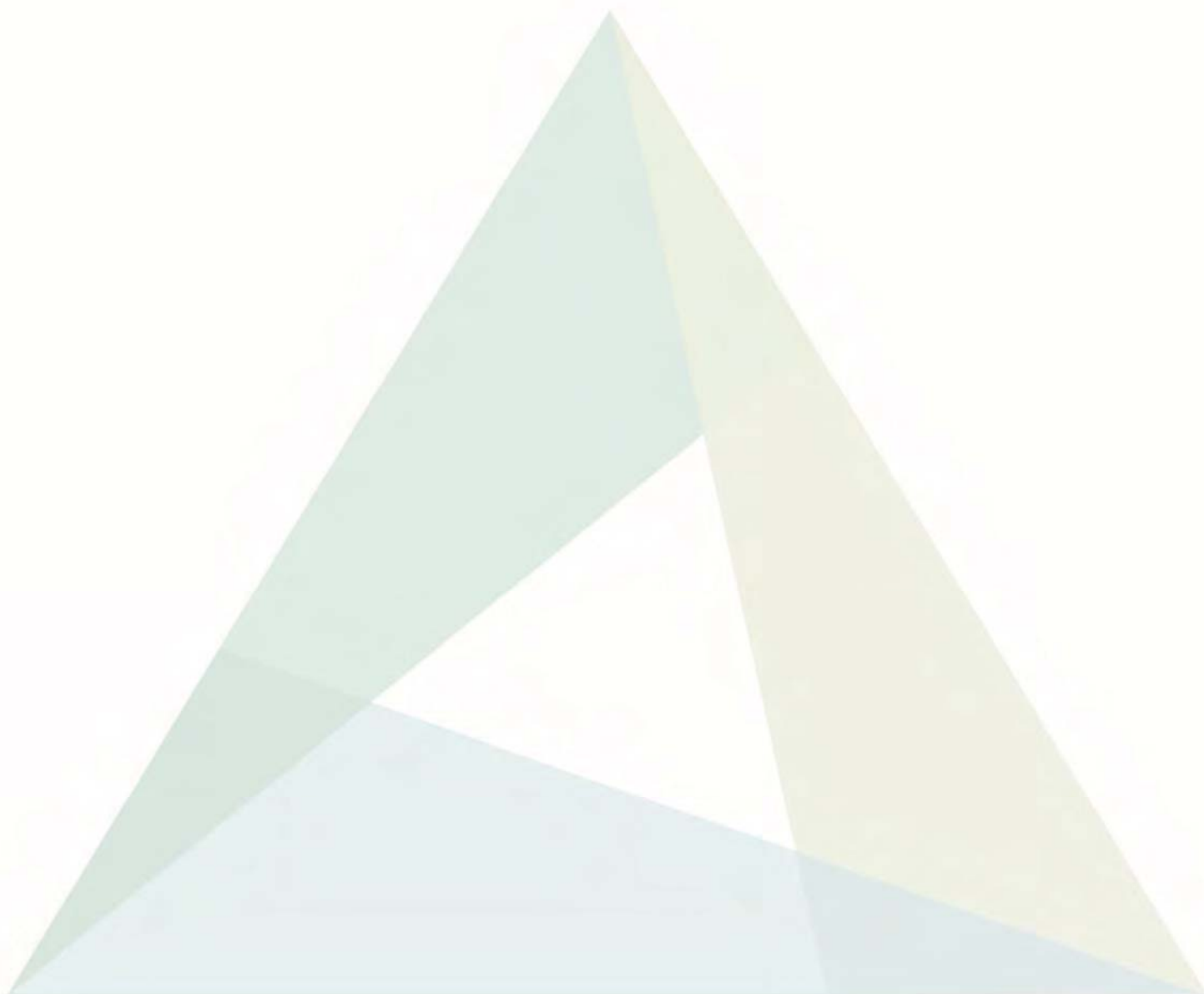
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Site Details

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RISK DEFINITIONS

Consequence to Receptor Definition Matrix

	Human Health	Controlled Waters	Buildings/Services
Severe Consequence	Acute or chronic permanent impact on human health.	Sensitive controlled water pollution ongoing, or just about to occur.	Catastrophic collapse
Moderate Consequence	Chronic permanent impact on human health	Gradual pollution of sensitive controlled water	Degradation of materials
Mild Consequence	Chronic temporary impact on human health	Gradual pollution of non-sensitive controlled water	Noticeable change, non-structural

Standard Risk Matrix

	Severe Consequence	Moderate Consequence	Mild Consequence
Higher Probability	Very High Risk	High Risk	Medium Risk
Median Probability	High Risk	Medium Risk	Low Risk
Lower Probability	Medium Risk	Low Risk	Very Low Risk

Probability Definitions

Probability	Definition in Context
Higher	Positive evidence of hazard, pathway and receptor
Median	Suspect hazard, pathway, and receptor
Lower	No evidence of hazard, pathway, and receptor

Risk Rank Definitions

Rank	Definition in Context
Very High Risk	Demonstrable contaminated land situation, highest threat & liability level, urgent action recommended.
High Risk	Likely contaminated land situation, risk assessment and action recommended.
Medium Risk	Plausible contaminated land situation, risk assessment and possible action recommended.
Low Risk	Unlikely contaminated land situation, possible risk assessment and possible action.
Very Low Risk	Negligible risk, no action recommended except vigilance for changes in conditions.