

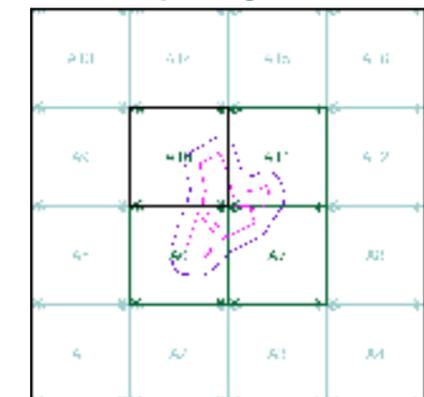


The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

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



**Historical Map - Segment A10**



**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 100

**Site Details**

Yews Farm, Pinchbeck, Spalding

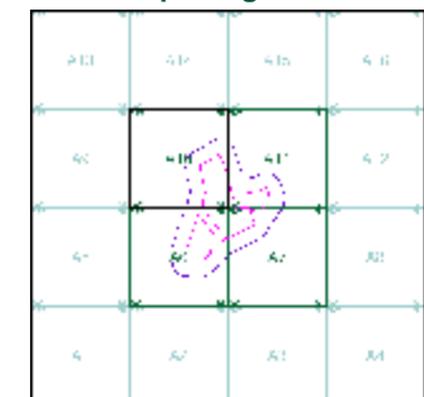


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

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

TF2325	TF2425
1995	1995
1:2,500	1:2,500
TF2324	TF2424
1995	1995
1:2,500	1:2,500

**Historical Map - Segment A10**

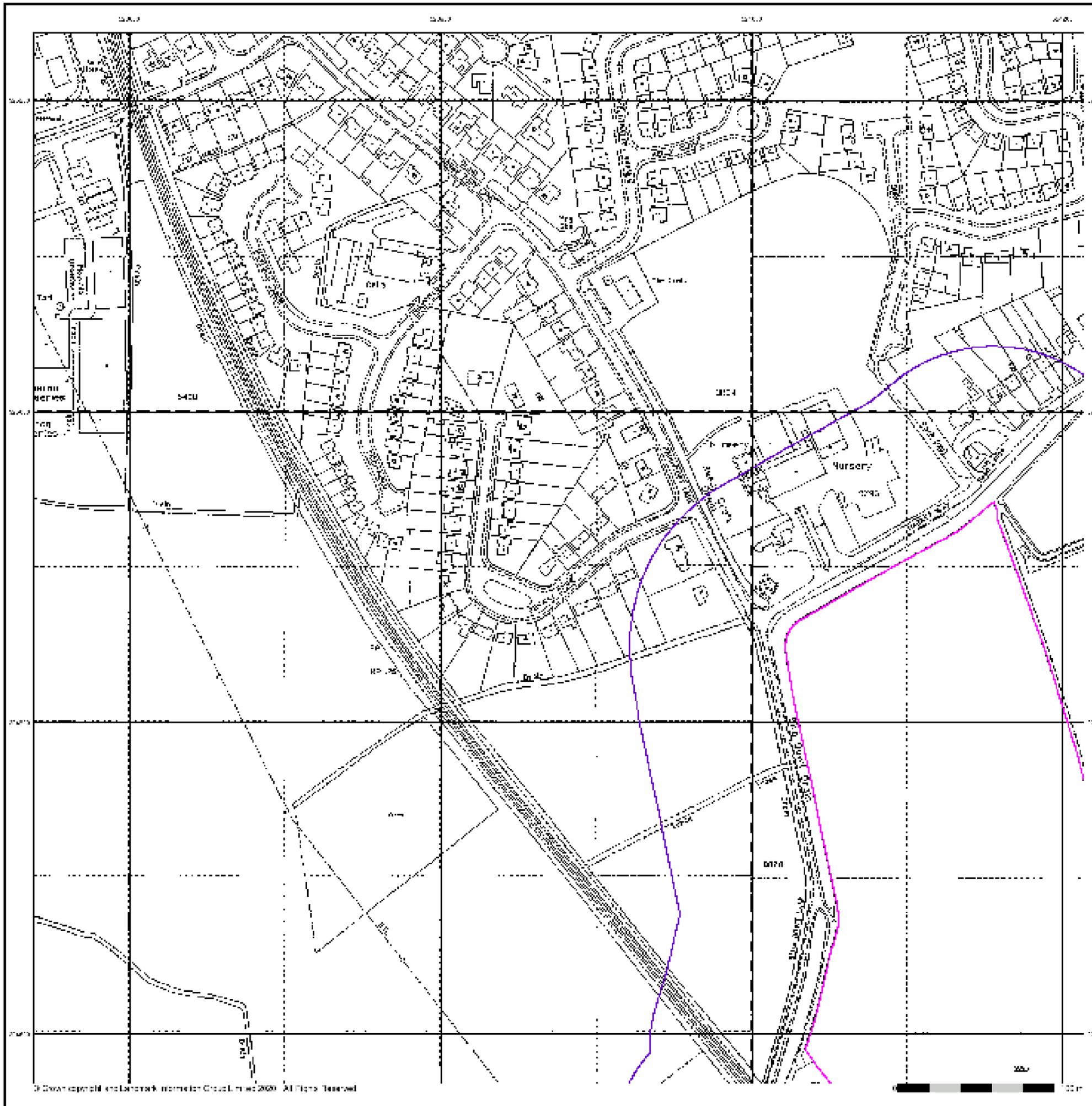


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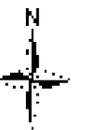
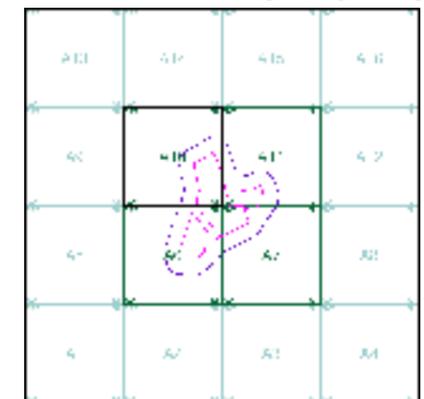
Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 100

**Site Details**

Yews Farm, Pinchbeck, Spalding



#### Historical Aerial Photography - Segment A10



#### Order Details

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 100

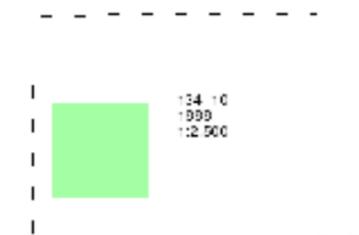
#### Site Details

Yews Farm, Pinchbeck, Spalding

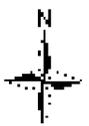
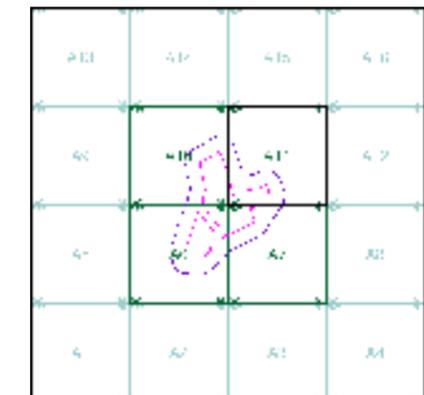


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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 A11

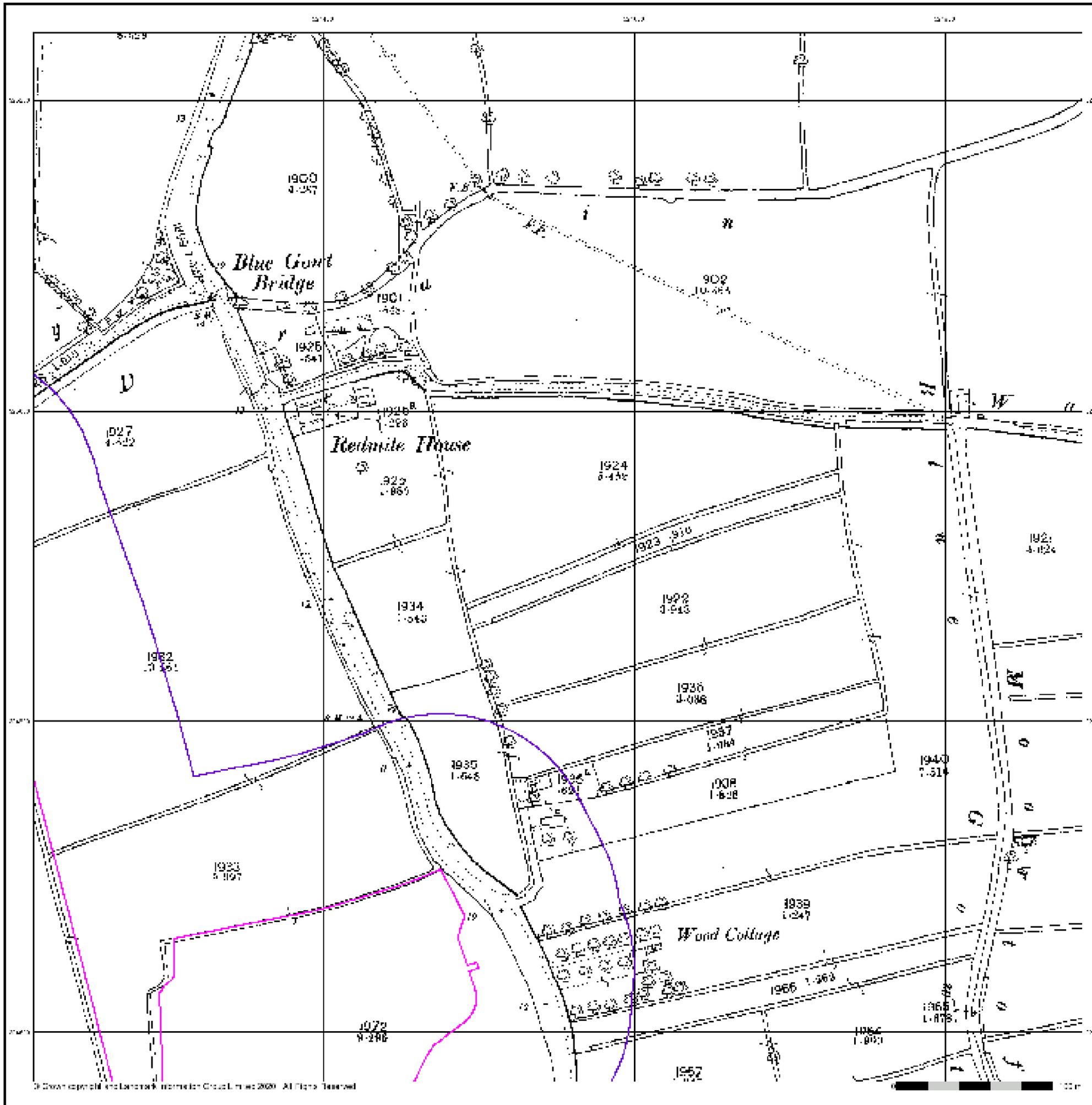


Order Details

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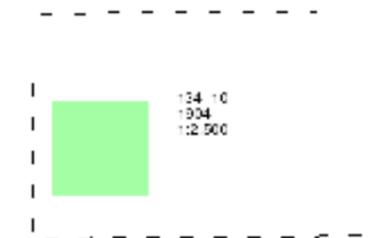
Site Details

Yews Farm, Pinchbeck, Spalding

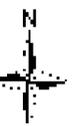
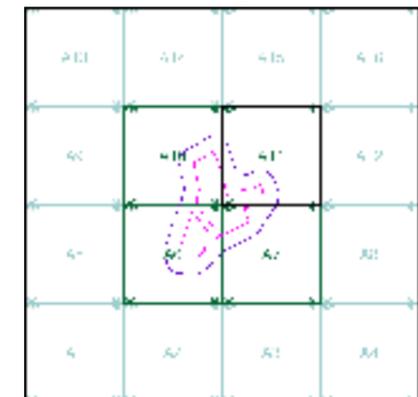


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Historical Map - Segment A11

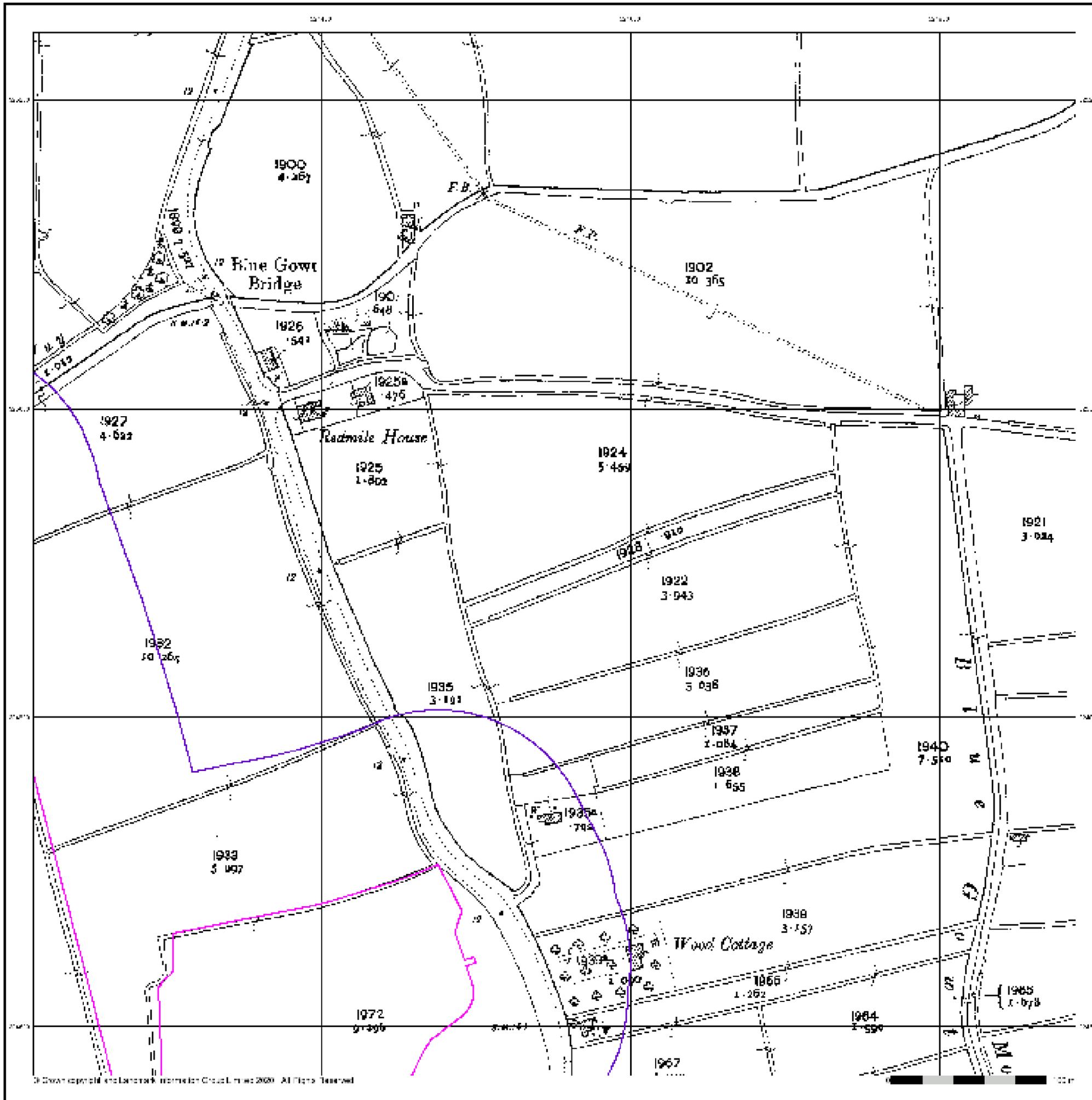


Order Details

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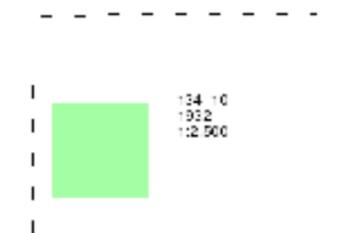
Site Details

Yews Farm, Pinchbeck, Spalding

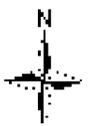
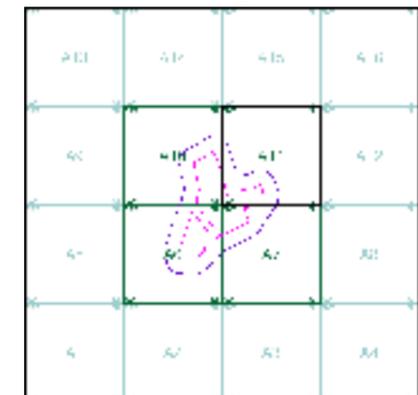


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Map Name(s) and Date(s)



Historical Map - Segment A11

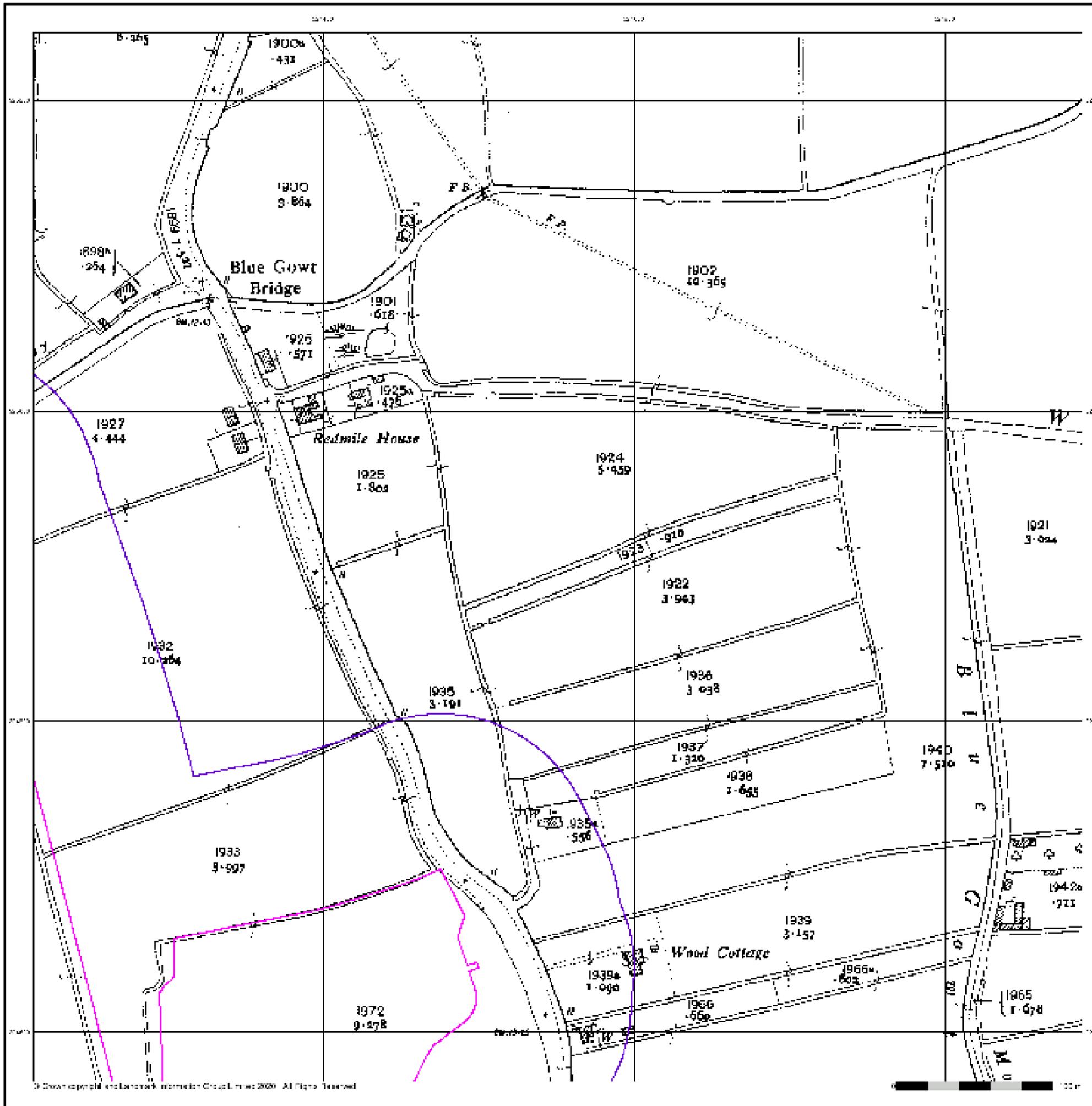


Order Details

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Site Details

Yews Farm, Pinchbeck, Spalding

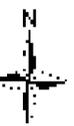
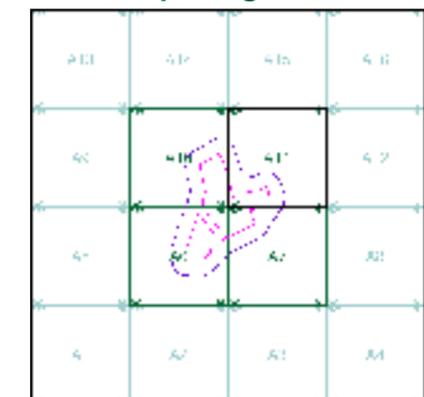


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#### Map Name(s) and Date(s)

TF2425	1958	1:2,500
TF2424	1968	1:2,500

#### Historical Map - Segment A11

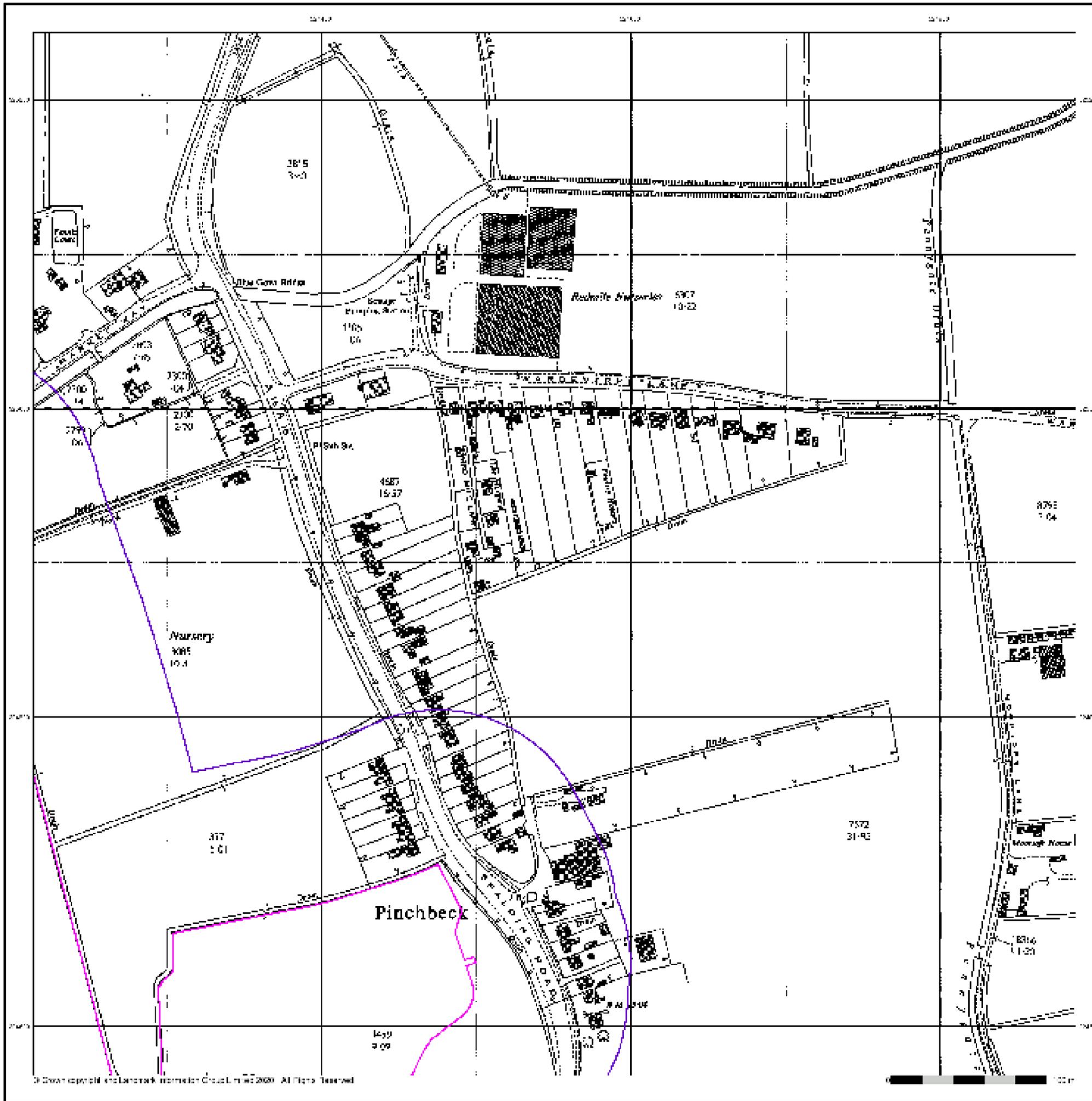


#### Order Details

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
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#### Site Details

Yews Farm, Pinchbeck, Spalding

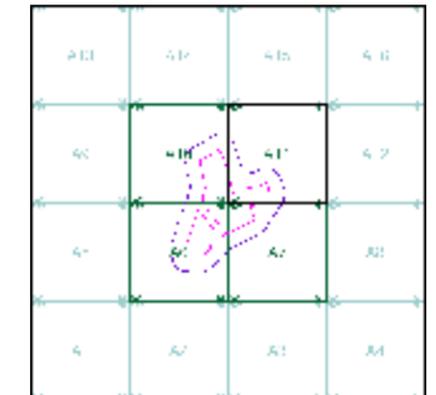


SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment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

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



**Historical Map - Segment A11**

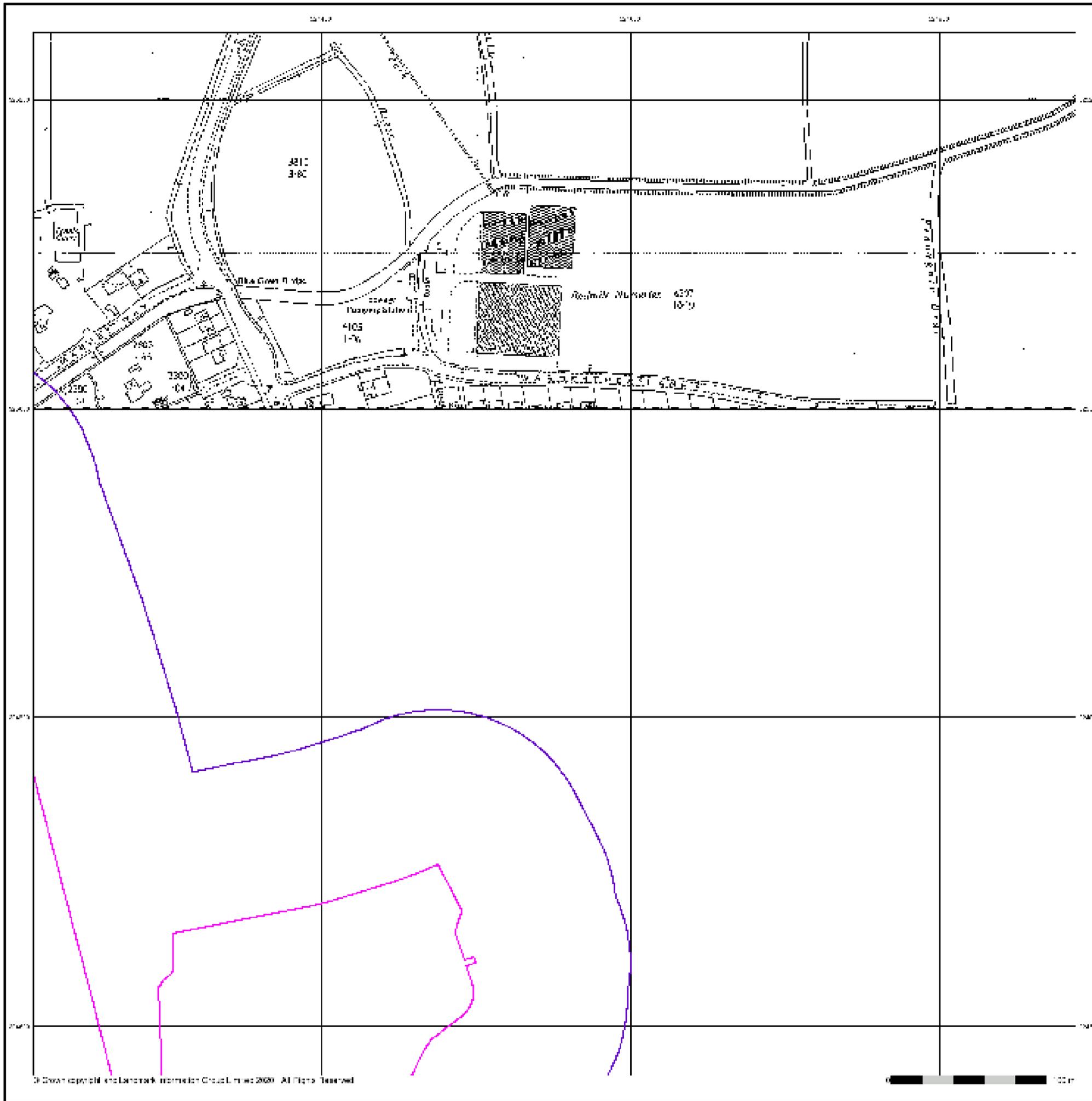


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**Site Details**

Yews Farm, Pinchbeck, Spalding

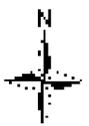
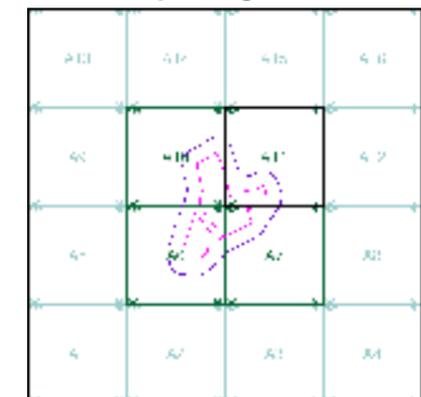


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**Map Name(s) and Date(s)**

TF2425	1992	1:2,500
TF2424	1982	1:2,500

**Historical Map - Segment A11**

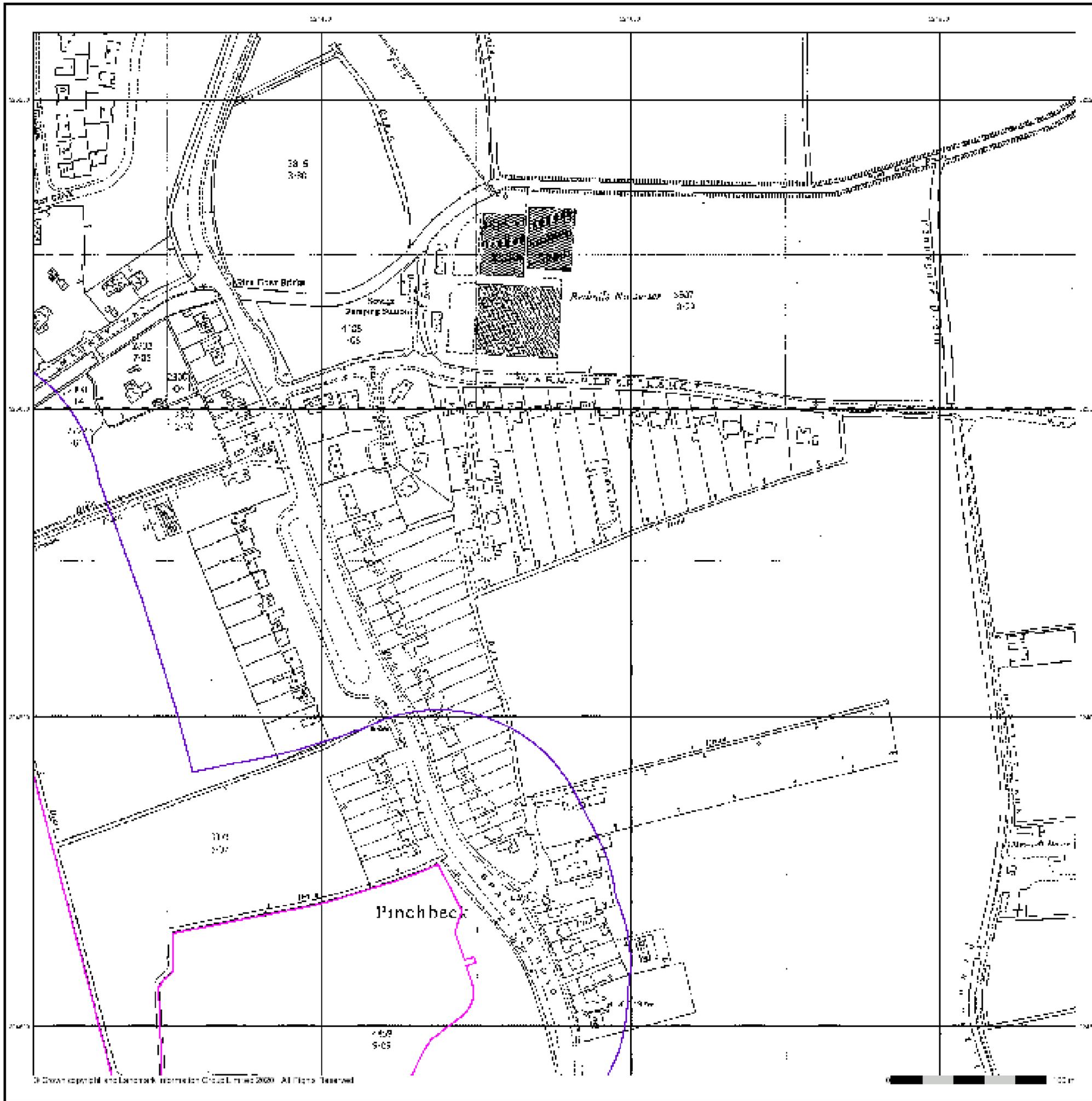


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Order Number: 261885339\_1\_1  
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**Site Details**

Yews Farm, Pinchbeck, Spalding

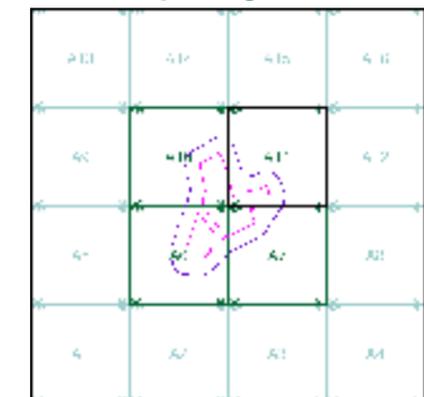


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**Map Name(s) and Date(s)**

TF2425	1995	1:2,500
TF2424	1992	1:2,500

**Historical Map - Segment A11**

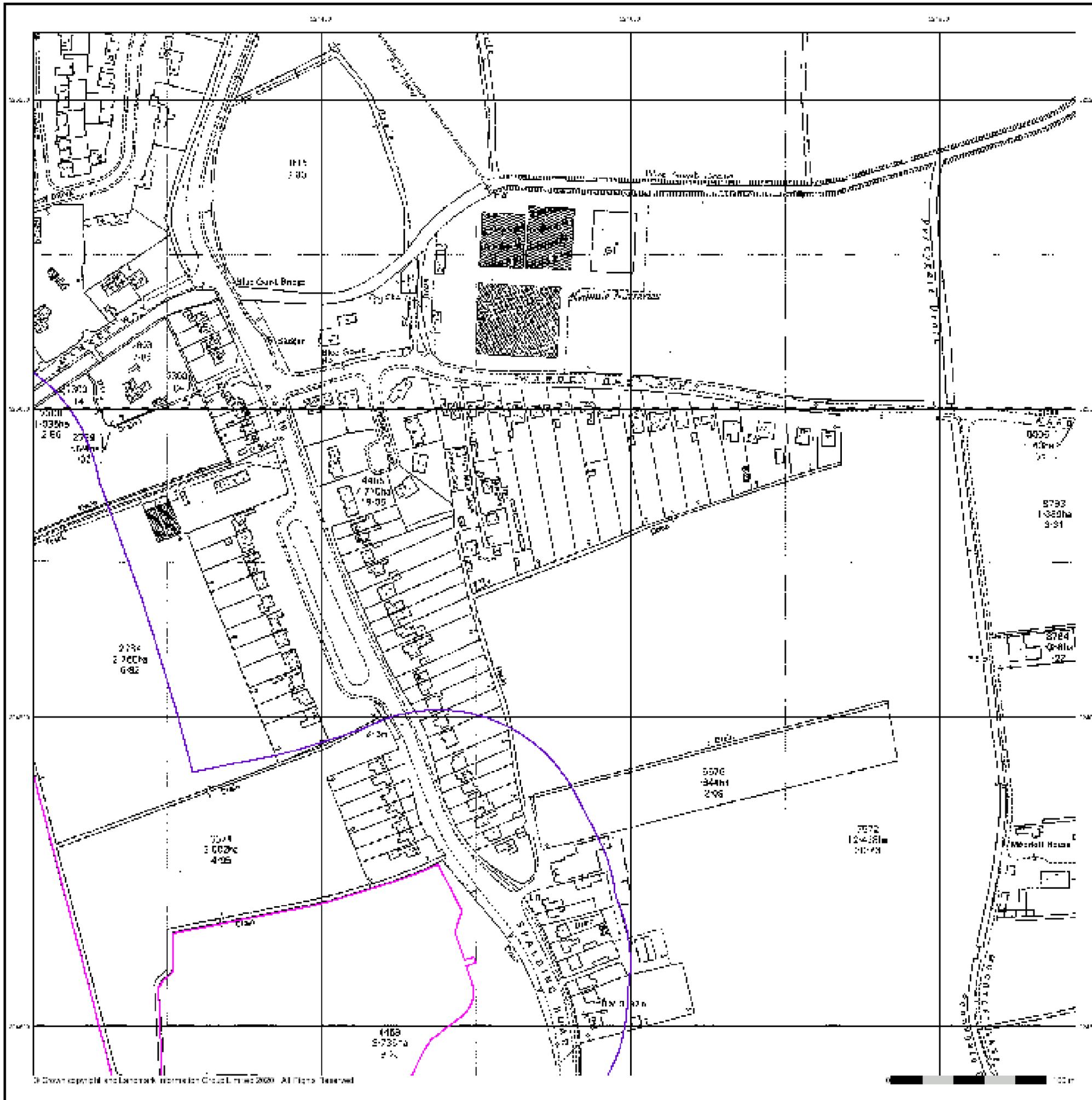


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Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
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 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 100

**Site Details**

Yews Farm, Pinchbeck, Spalding



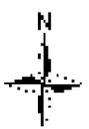
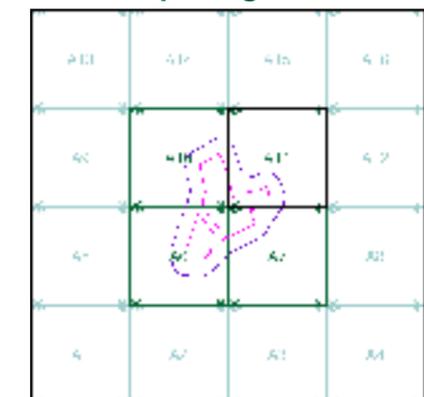
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**Map Name(s) and Date(s)**

TF2425  
1999  
1:2,500

TF2424  
1988  
1:2,500

**Historical Map - Segment A11**

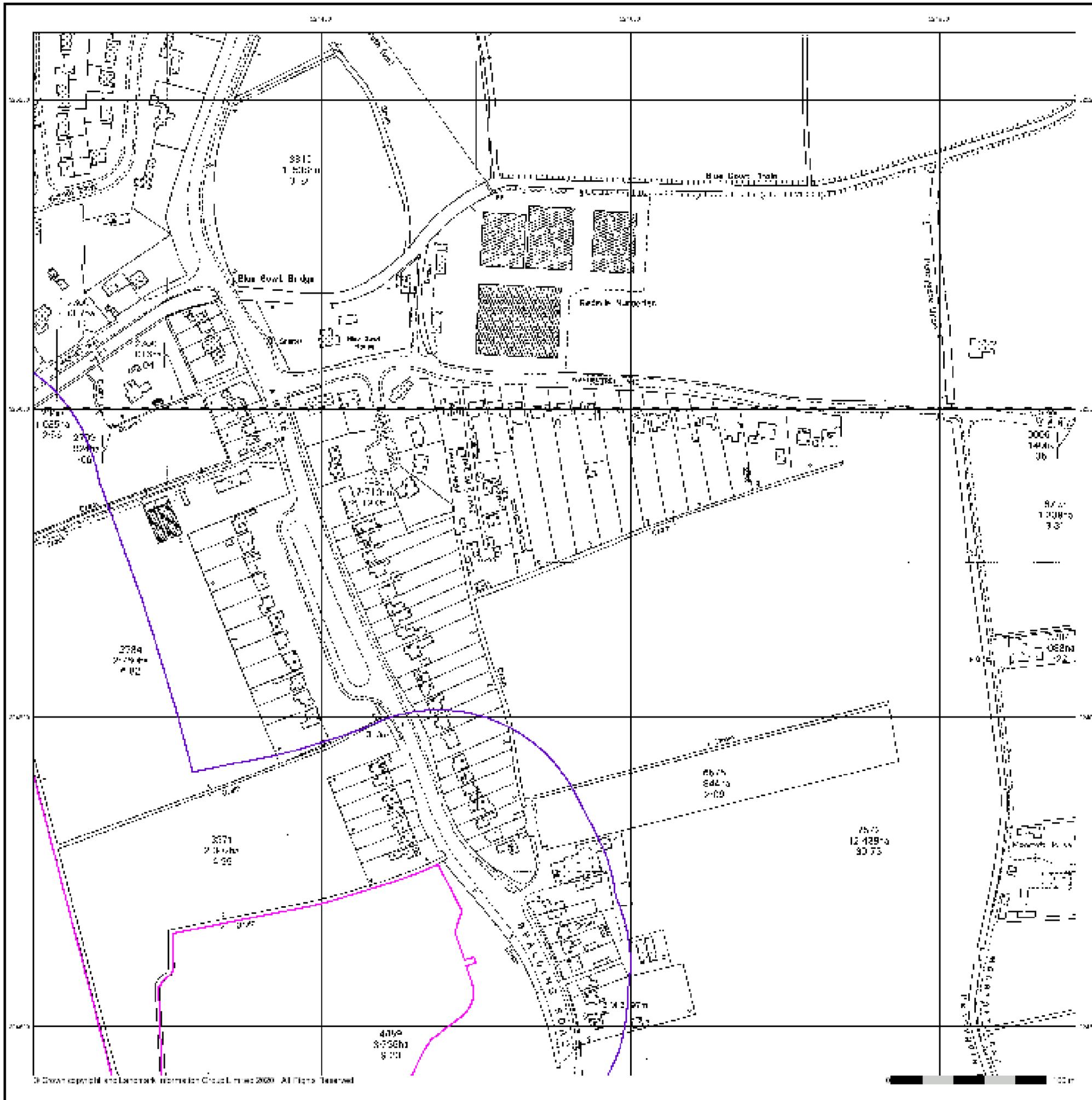


**Order Details**

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 Customer Ref: D39032  
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**Site Details**

Yews Farm, Pinchbeck, Spalding

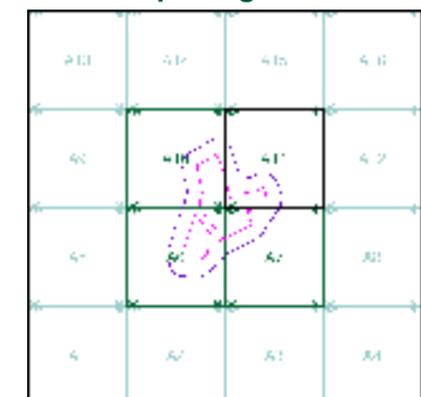


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**Map Name(s) and Date(s)**

TF2425 |  
1995 |  
1:2,500 |  
TF2424 |  
1995 |  
1:2,500 |

**Historical Map - Segment A11**

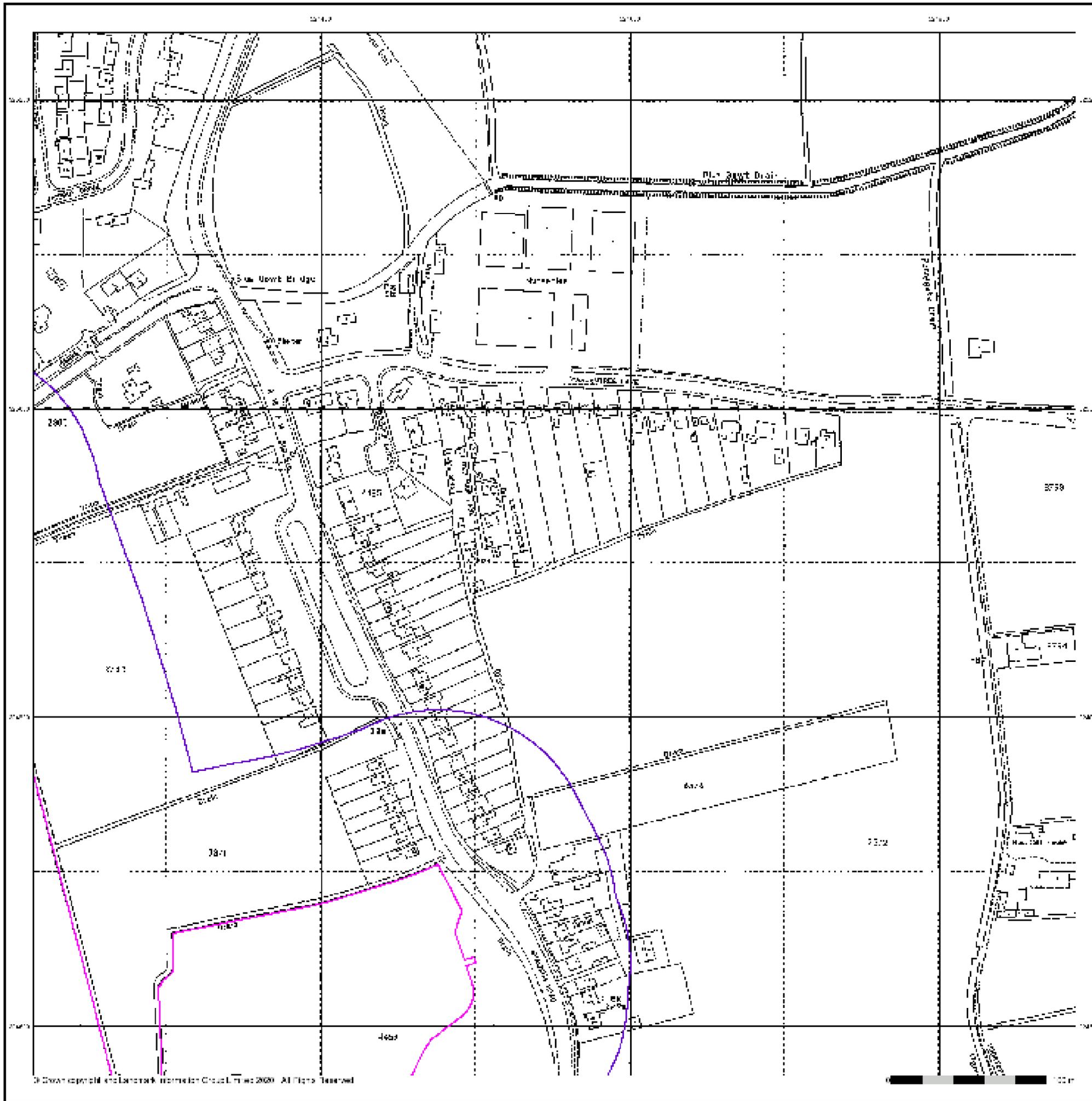


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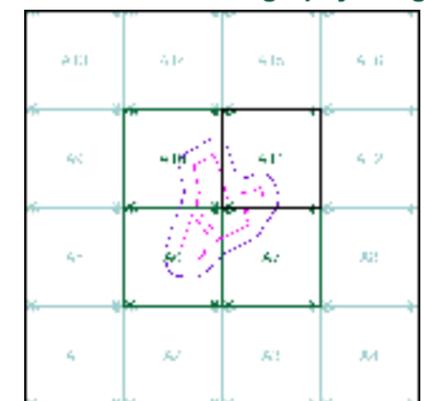
Order Number: 261885339\_1\_1  
Customer Ref: D39032  
National Grid Reference: 524170, 324560  
Slice: A  
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**Site Details**

Yews Farm, Pinchbeck, Spalding



#### Historical Aerial Photography - Segment A11



#### Order Details

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 100

#### Site Details

Yews Farm, Pinchbeck, Spalding



# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Cobble		Roads		Marsh
	Mixed Wood		Deciduous		Broadwood
	Lime		Rough Pasture		
	Arrow dangles low of water		Ingeometrical Station		
	Site of Antiquity		Bench Mark		
	Damp, Quilt, Tree, Signal Post		Well, Spring, Boundary Post		
	Surface Level				
	Scale of Contour		Instrumental Contour		
	Main Road		Minor Roads		
	Banked Road		Railway Road		
	Road over Railway		Railway over River		
	Tunnel 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 Borough Boundary (Scotland)				
	Urban District Boundary				
	Civil Parish Boundary				

## Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Jagged Pit or Quarry
	Refuse or Slag Heap		Lakes, Loch or Pond
	Dune		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Dwarf Scrub
	Bracken		Rough Grass and Scrub
	Hedge		Sallies
	Mauing		Diagram of Flow of Water
	Glasshouse		
	Scoping Masonry		Electricity Transmission Line
	Culvert		Standard Gauge Multiple Track
	Foot Path		Standard Gauge Single Track
	Level Crossing		Siding, Trough or Mineral Line
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County City		
	Civil Parish Boundary		
	Civil Parish Boundary		
	Boundary (Iron or Stone)		Rail Station
	Church		Post Office
	Clock Tower		Public Telephone
	Fire Engine Station		Public House
	Footbridge		Signal Post
	Fountain		Spring
	Gull Nest		Telephone Call Box
	Mill Race		Telephone Call Point
	Mill Stone		Well

## 1:10,000 Raster Mapping

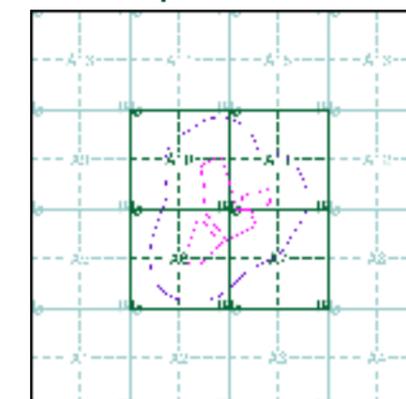
	Gravel Pit		Refuse tip or slag heap
	Rack		Track (collapsible)
	Boulders		Troughs (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Sludge		Top of cliff
	General canal		Underground culvert
	Overhead canal		Narrow gauge railway
	Multiple railway		Single track railway
	County boundary (England)		Civil parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of woodland (vegetation)		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Palladium tree
	Orchard		Scrub or Colony
	Rough Grassland		Heath
	Grass		Marsh, Salt Marsh or Seeps
	Water feature		Fish ponds
	Mean high water (sea level)		Mean low water (spring)
	Telephone line (above ground)		Electricity transmission or line (with poles)
	Benchmark (white stone)		Triangular station
	Point feature (e.g. Gull Nest or Mill Stone)		Pylon, Mast, 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	1932	5
Lincolnshire	1:10,560	1932	6
Lincolnshire	1:10,560	1938 - 1951	7
Lincolnshire	1:10,560	1951	8
Ordnance Survey Plan	1:10,000	1956 - 1959	9
Ordnance Survey Plan	1:10,000	1968	10
Ordnance Survey Plan	1:10,000	1971 - 1975	11
Ordnance Survey Plan	1:10,000	1982 - 1989	12
Ordnance Survey Plan	1:10,000	1990 - 1992	13
10K Raster Mapping	1:10,000	2000	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2020	16

## Historical Map - Slice A



## Order Details

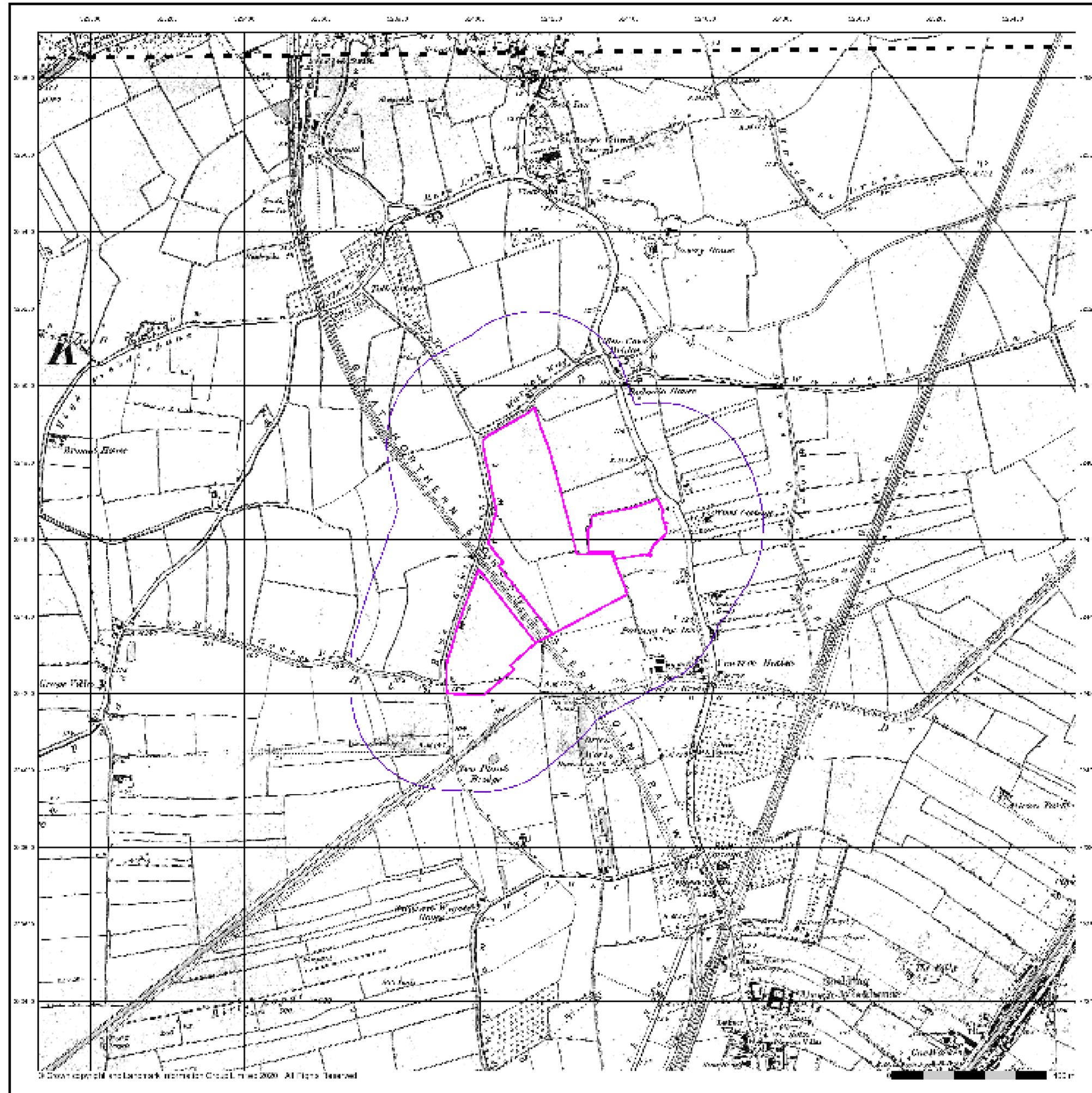
Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

## Site Details

Yews Farm, Pinchbeck, Spalding



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

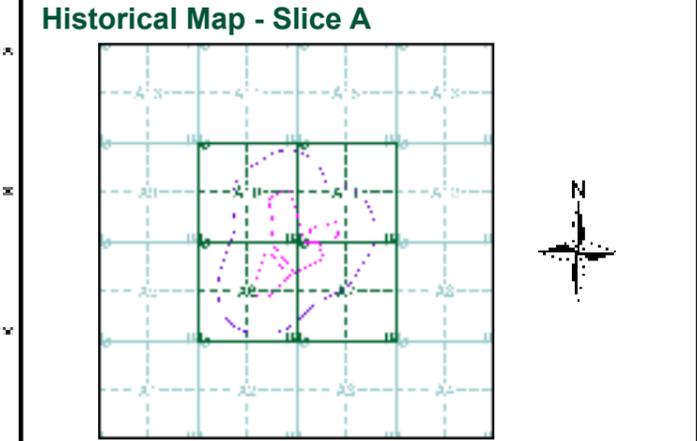


**GeoDyne**  
**Lincolnshire**  
**Published 1887**  
**Source map scale - 1:10,560**

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

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

134NW 1887 1:10,560
134SW 1887 1:10,560



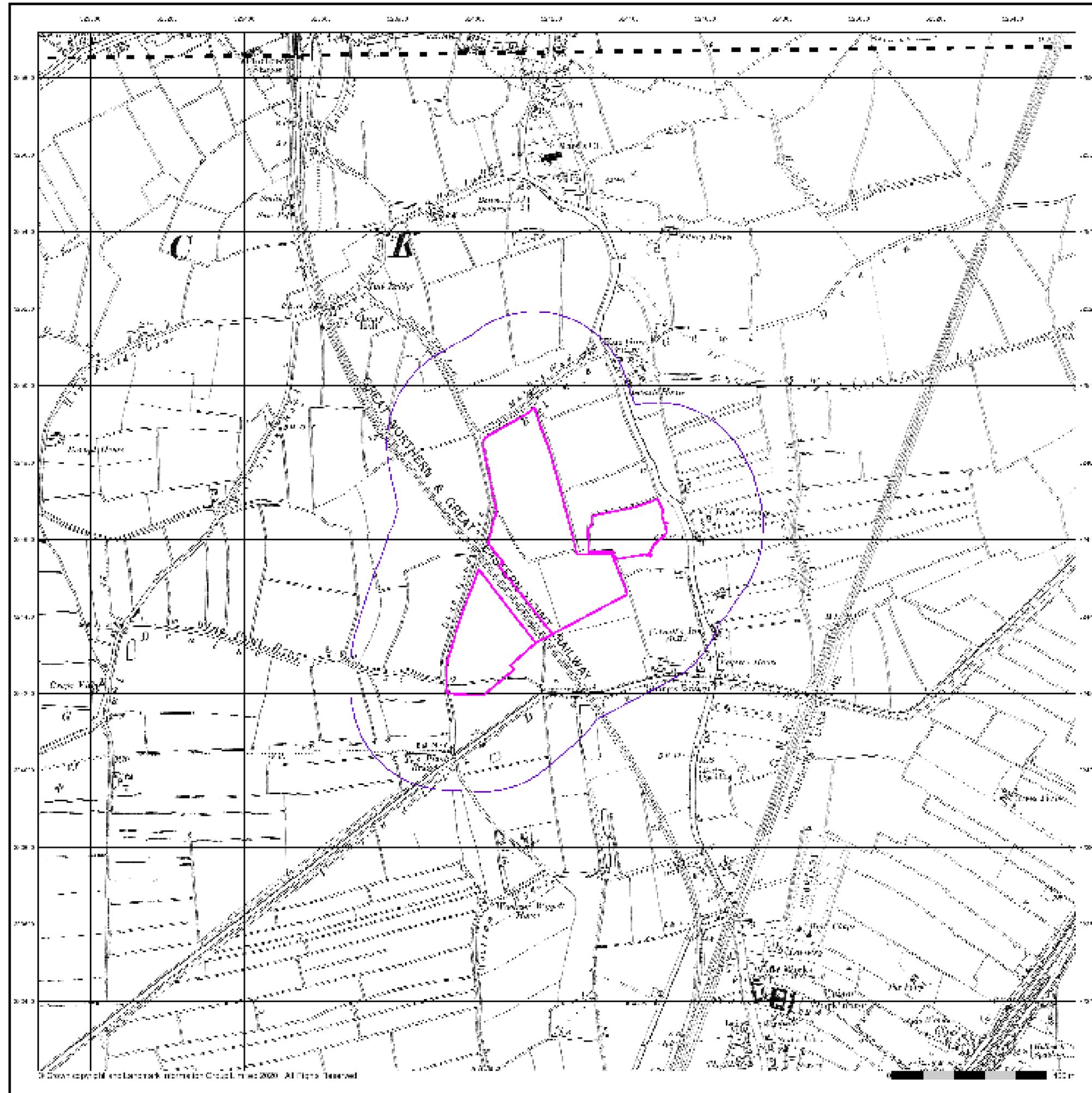
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 Site Area (Ha): 17.19  
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**Site Details**  
 Yews Farm, Pinchbeck, Spalding

**Landmark**  
 INFORMATION GROUP

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



**GeoDyne**  
**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)**

134NW	1906	1:10,560
134SW	1905	1:10,560

**Historical Map - Slice A**

**Order Details**

Order Number:	261885339_1_1
Customer Ref:	D39032
National Grid Reference:	524170, 324560
Slice:	A
Site Area (Ha):	17.19
Search Buffer (m):	250

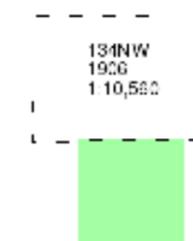
**Site Details**  
 Yews Farm, Pinchbeck, Spalding

**Landmark**  
 INFORMATION GROUP

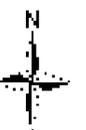
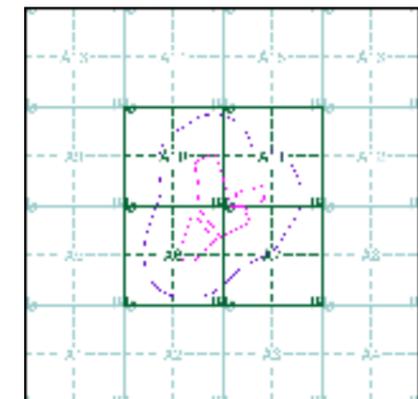
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

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)**



**Historical Map - Slice A**

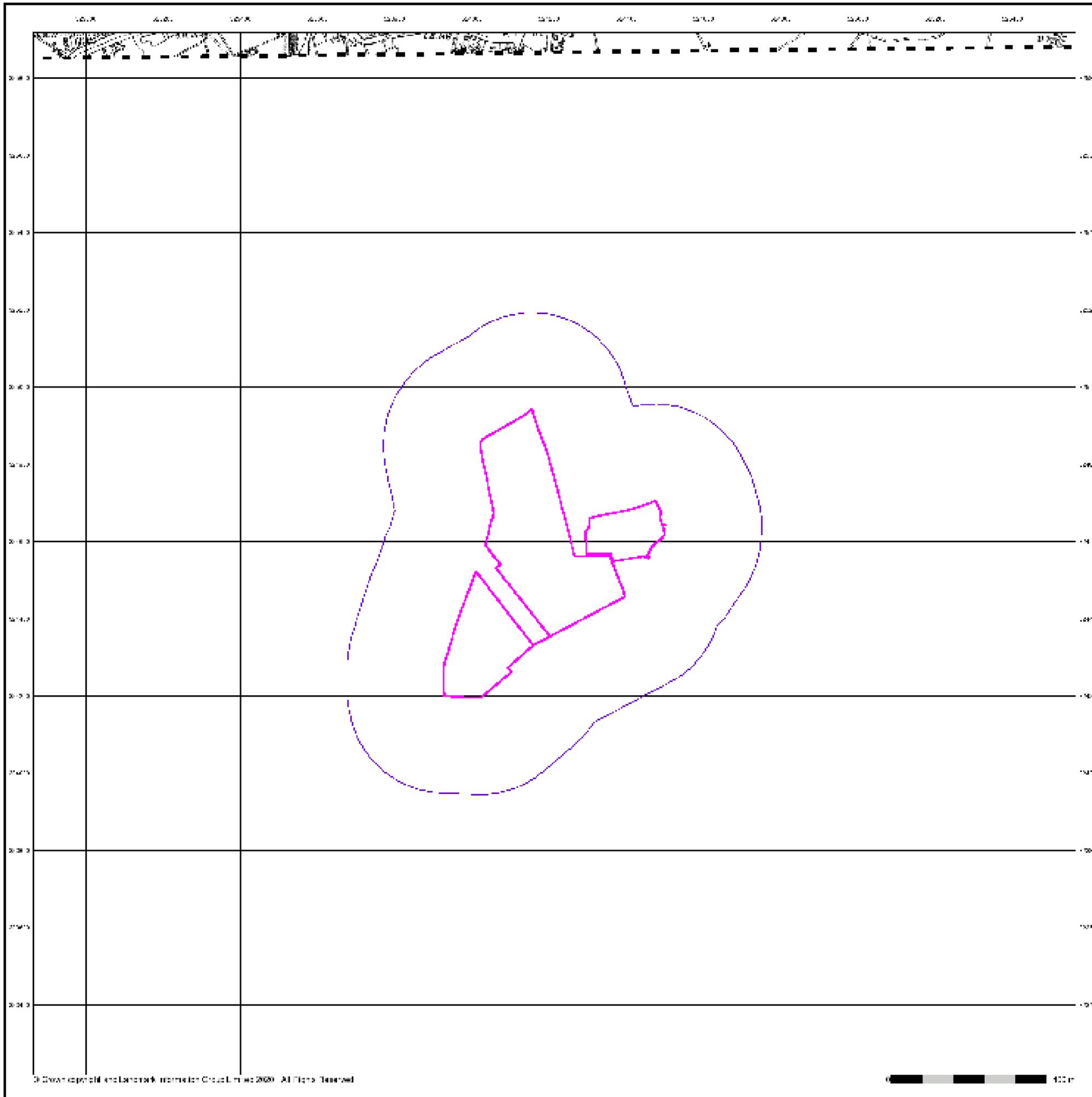


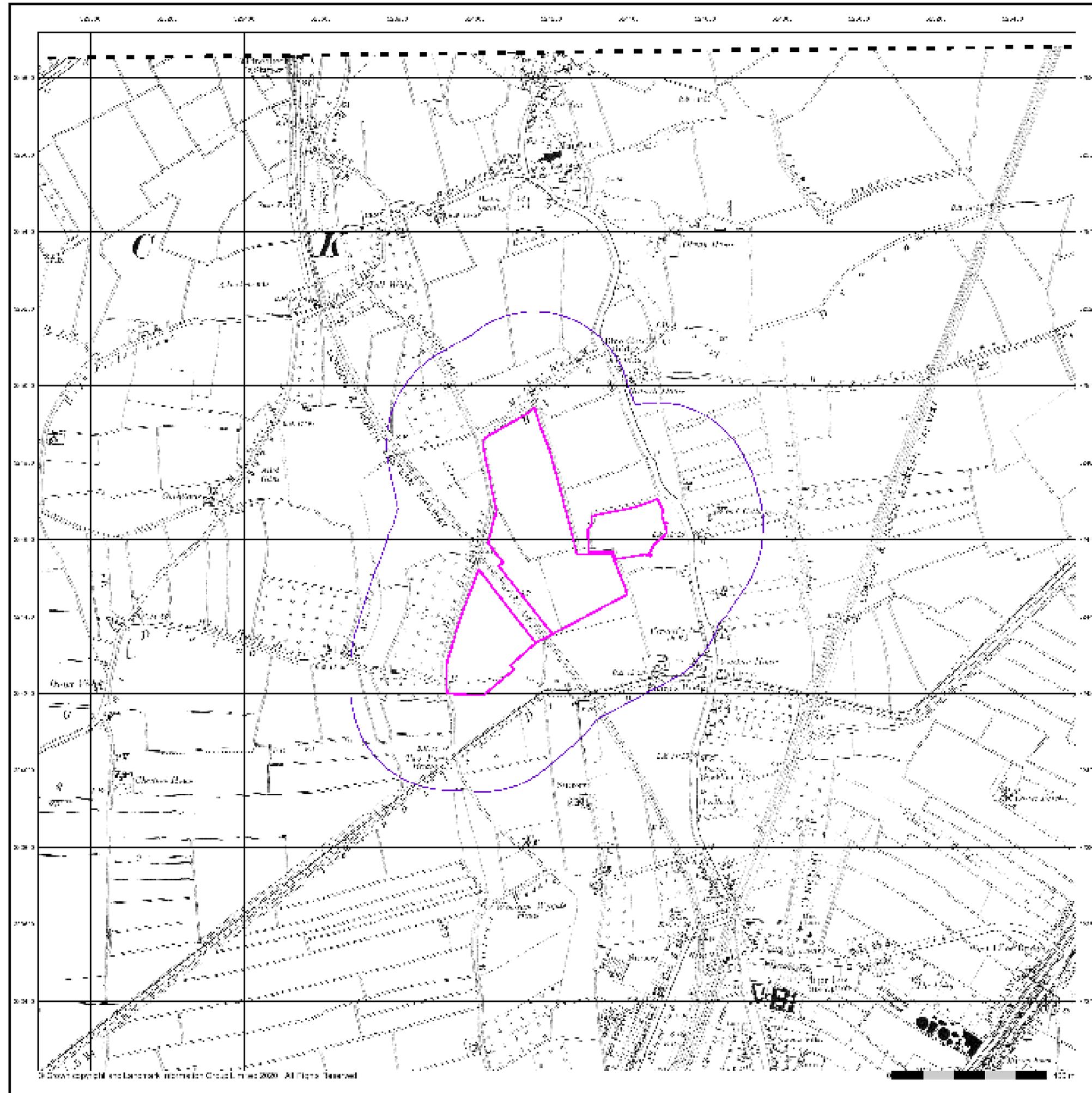
**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding





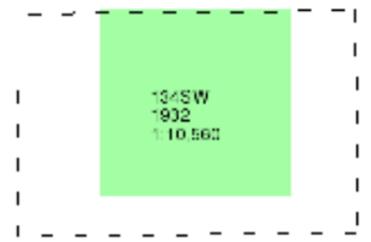
**Lincolnshire**

**Published 1932**

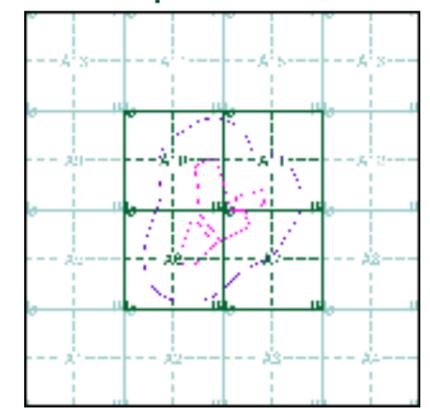
**Source map scale - 1:10,560**

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

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



**Historical Map - Slice A**



**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

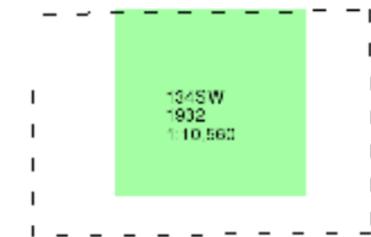
Yews Farm, Pinchbeck, Spalding



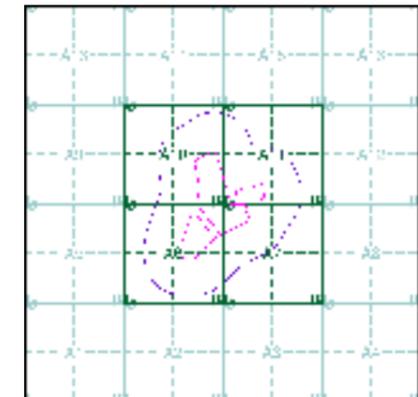
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

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)



Historical Map - Slice A

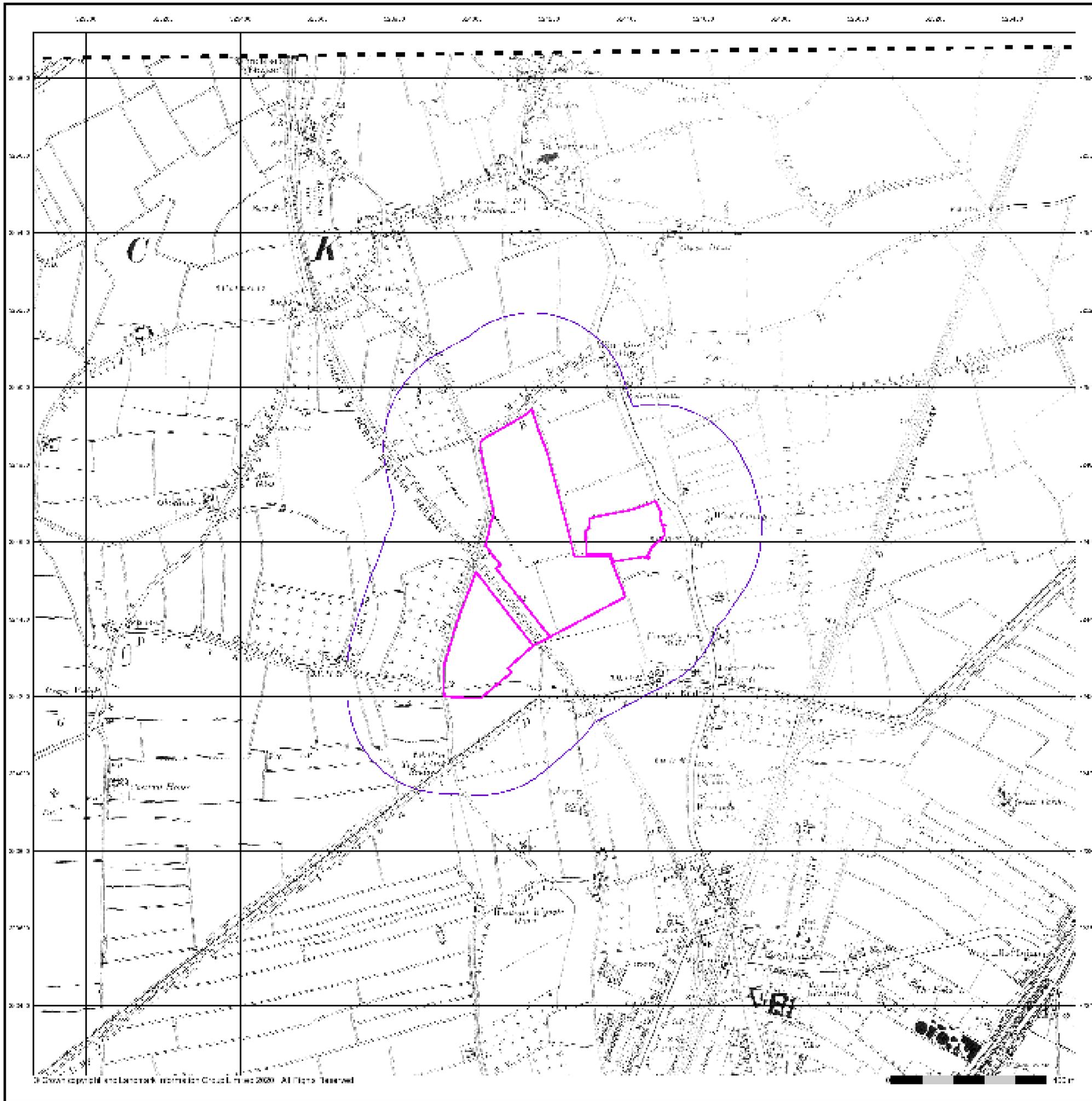


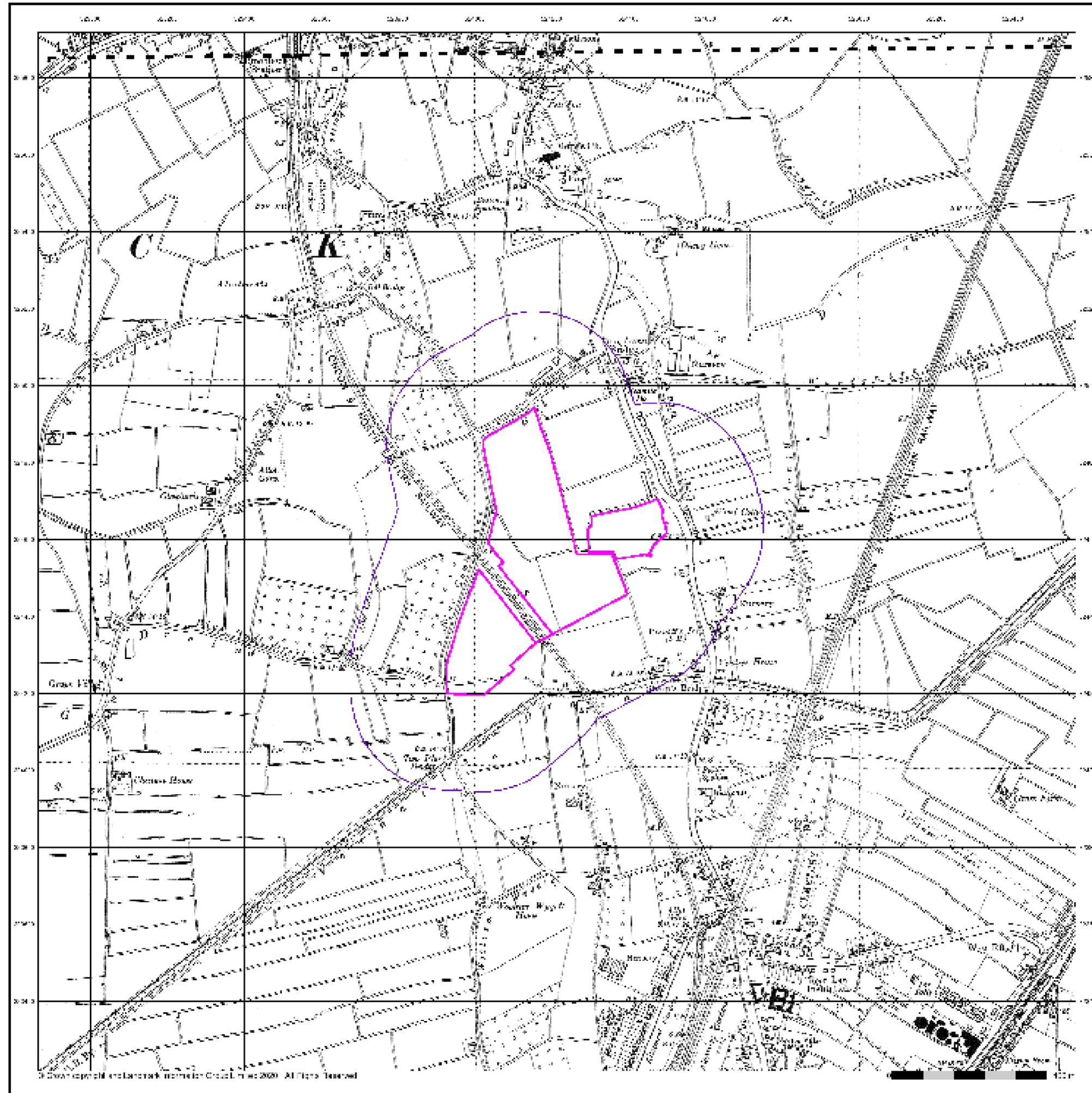
Order Details

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

Site Details

Yews Farm, Pinchbeck, Spalding





**GeoDyne**  
**Lincolnshire**  
**Published 1938 - 1951**  
**Source map scale - 1:10,560**

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

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

134NW 1951 1:10,560
134SW 1938 1:10,560

**Historical Map - Slice A**

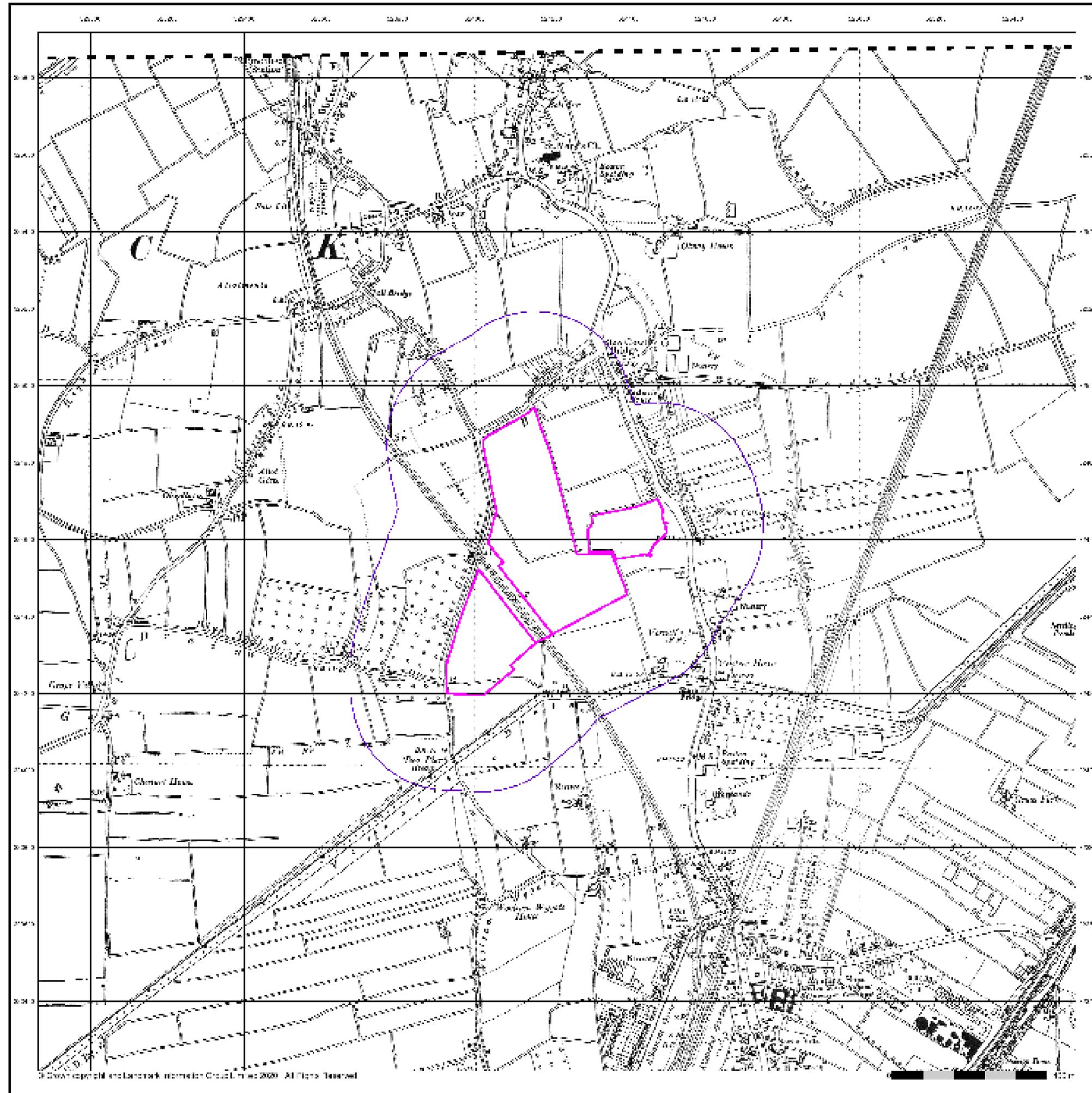
**Order Details**

Order Number:	261885339_1_1
Customer Ref:	D39032
National Grid Reference:	524170, 324560
Slice:	A
Site Area (Ha):	17.19
Search Buffer (m):	250

**Site Details**  
 Yews Farm, Pinchbeck, Spalding

**Landmark**  
 INFORMATION GROUP

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



**GeoDyne**  
**Lincolnshire**  
**Published 1951**  
**Source map scale - 1:10,560**

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

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

134SW  
 1951  
 1:10 560

**Historical Map - Slice A**

**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**  
 Yews Farm, Pinchbeck, Spalding

**Landmark**  
 INFORMATION GROUP

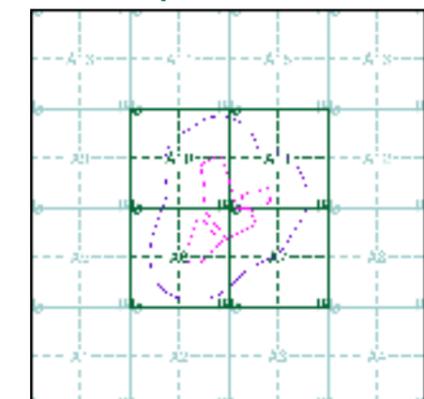
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk

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)**

TF22NW 1956 1:10,560	TF22NE 1956 1:10,560
TF22SW 1959 1:10,560	TF22SE 1956 1:10,560

**Historical Map - Slice A**

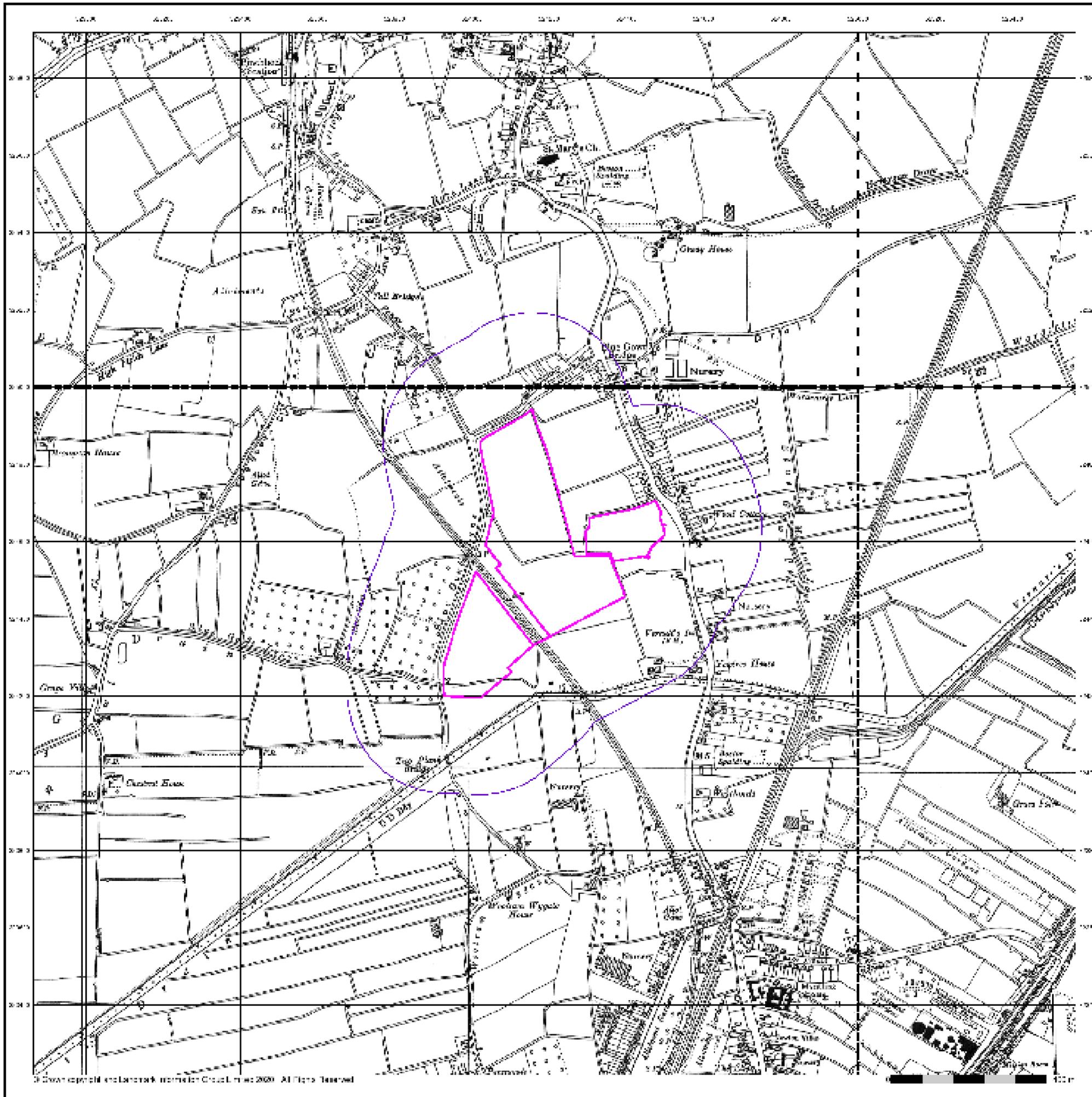


**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding





**GeoDyne**  
**Ordnance Survey Plan**  
**Published 1968**  
**Source map scale - 1:10,000**

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

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

**Historical Map - Slice A**

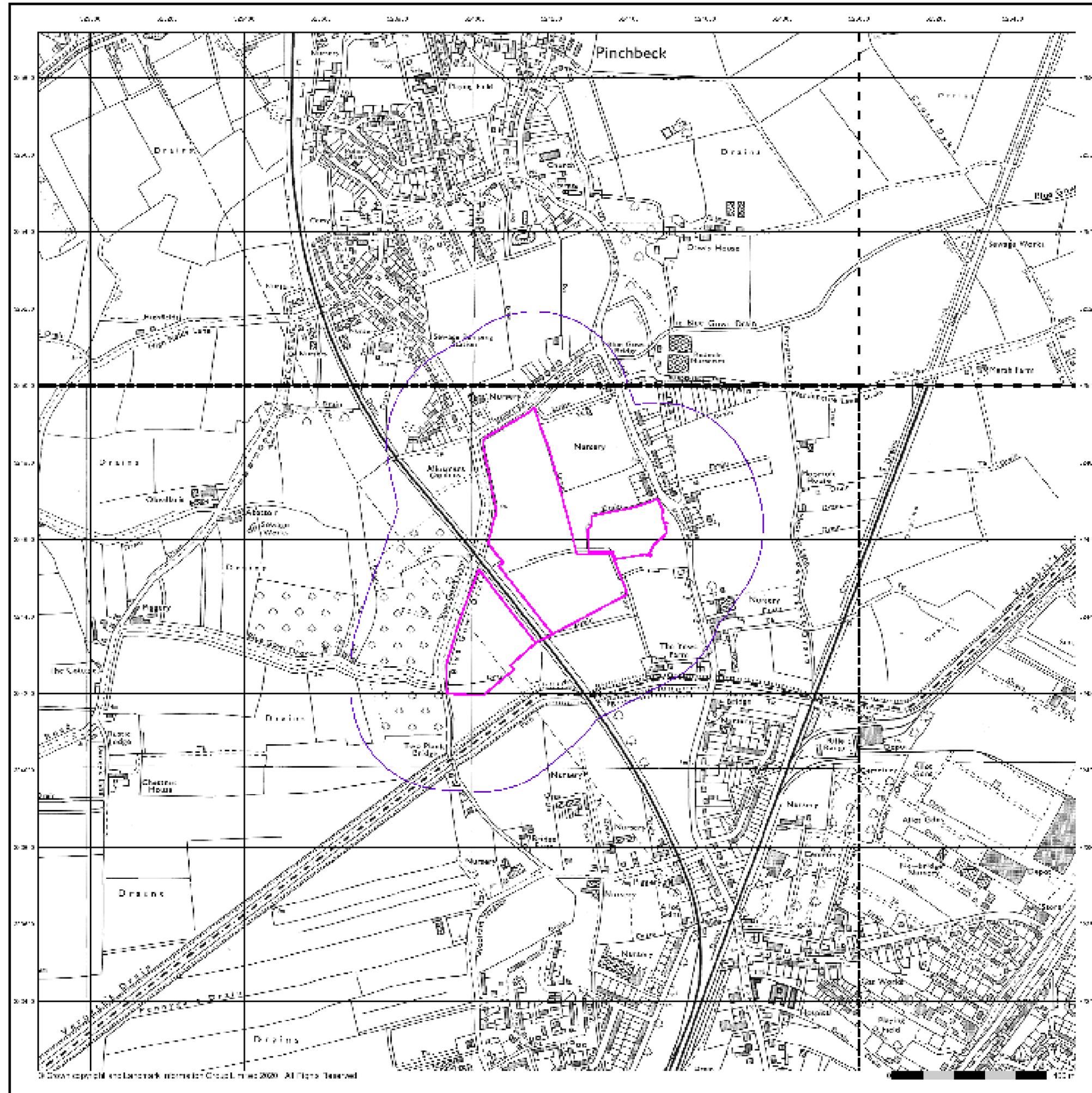
**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**  
 Yews Farm, Pinchbeck, Spalding

**Landmark**  
 INFORMATION GROUP

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



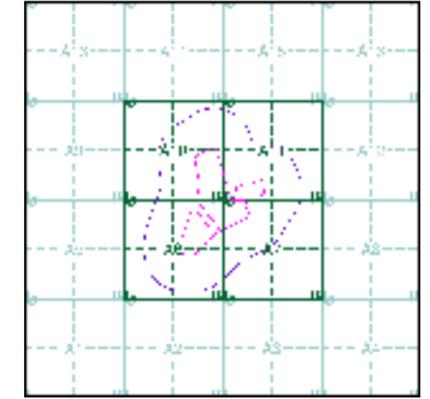
**Ordnance Survey Plan**  
**Published 1971 - 1975**  
**Source map scale - 1:10,000**

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)**

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1975	1975
1:10,000	1:10,000
TF22SW	TF22SE
1971	1971
1:10,000	1:10,000

**Historical Map - Slice A**



**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding



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 Web: www.envirocheck.co.uk



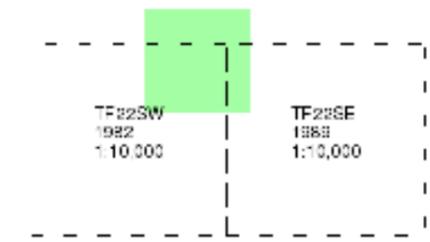
## Ordnance Survey Plan

Published 1982 - 1989

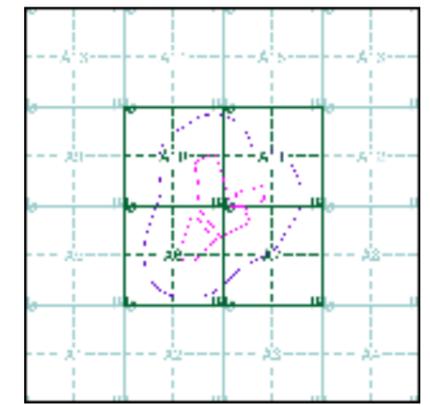
Source map scale - 1:10,000

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

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



### Historical Map - Slice A



### Order Details

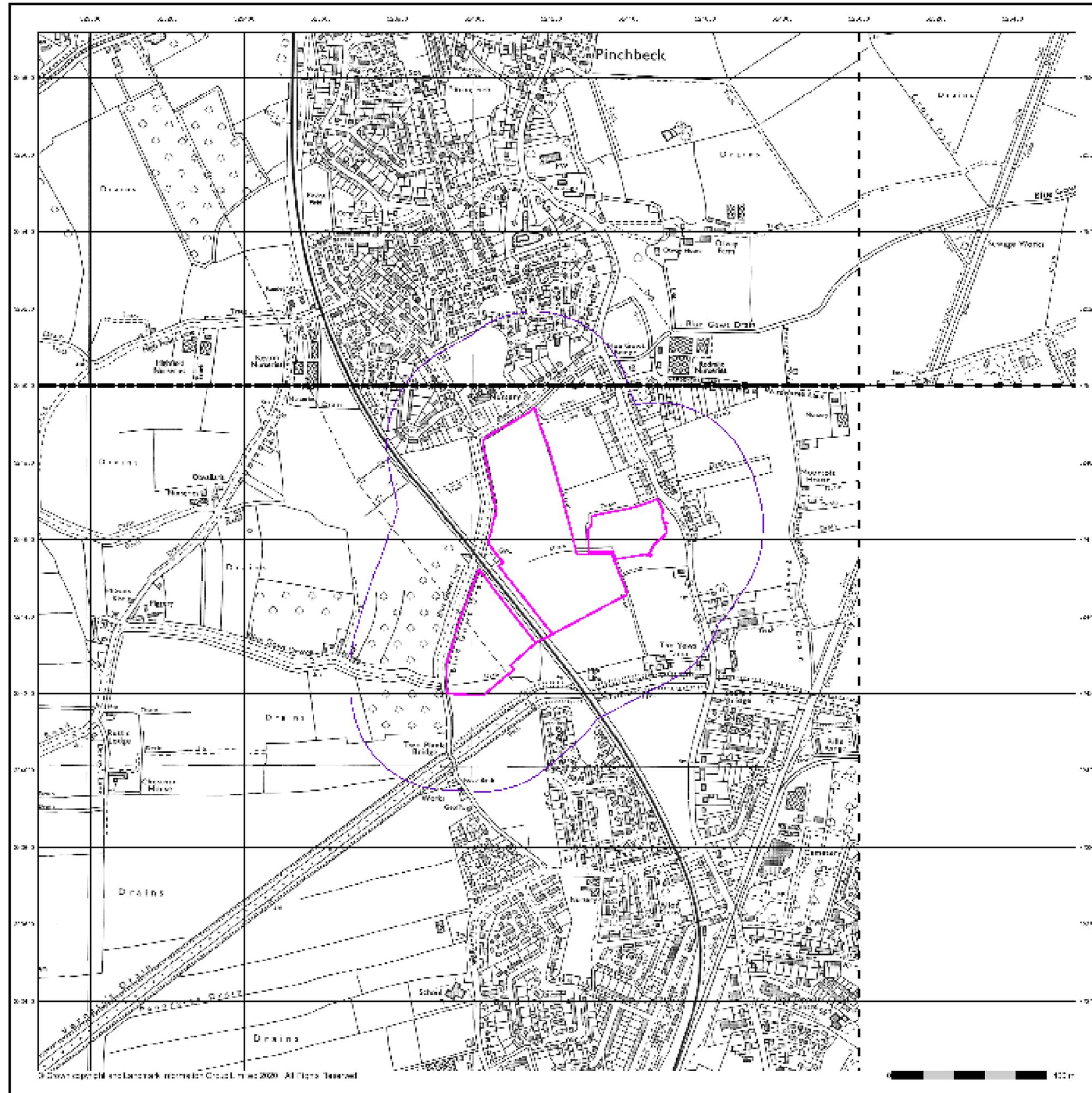
Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

### Site Details

Yews Farm, Pinchbeck, Spalding



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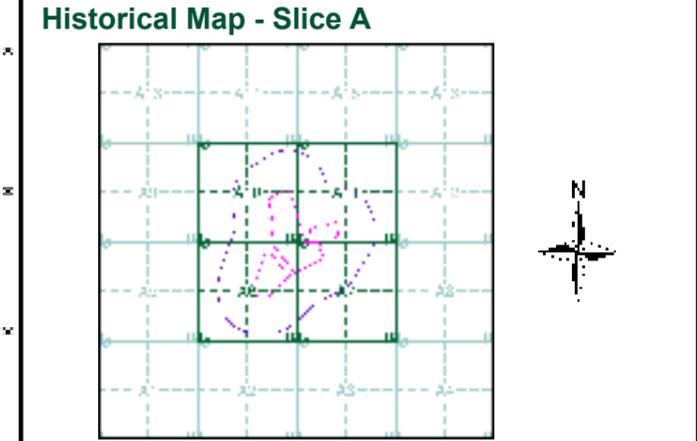


**GeoDyne**  
**Ordnance Survey Plan**  
**Published 1990 - 1992**  
**Source map scale - 1:10,000**

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)**

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1990	1990
1:10,000	1:10,000
TF22SW	
1992	
1:10,000	



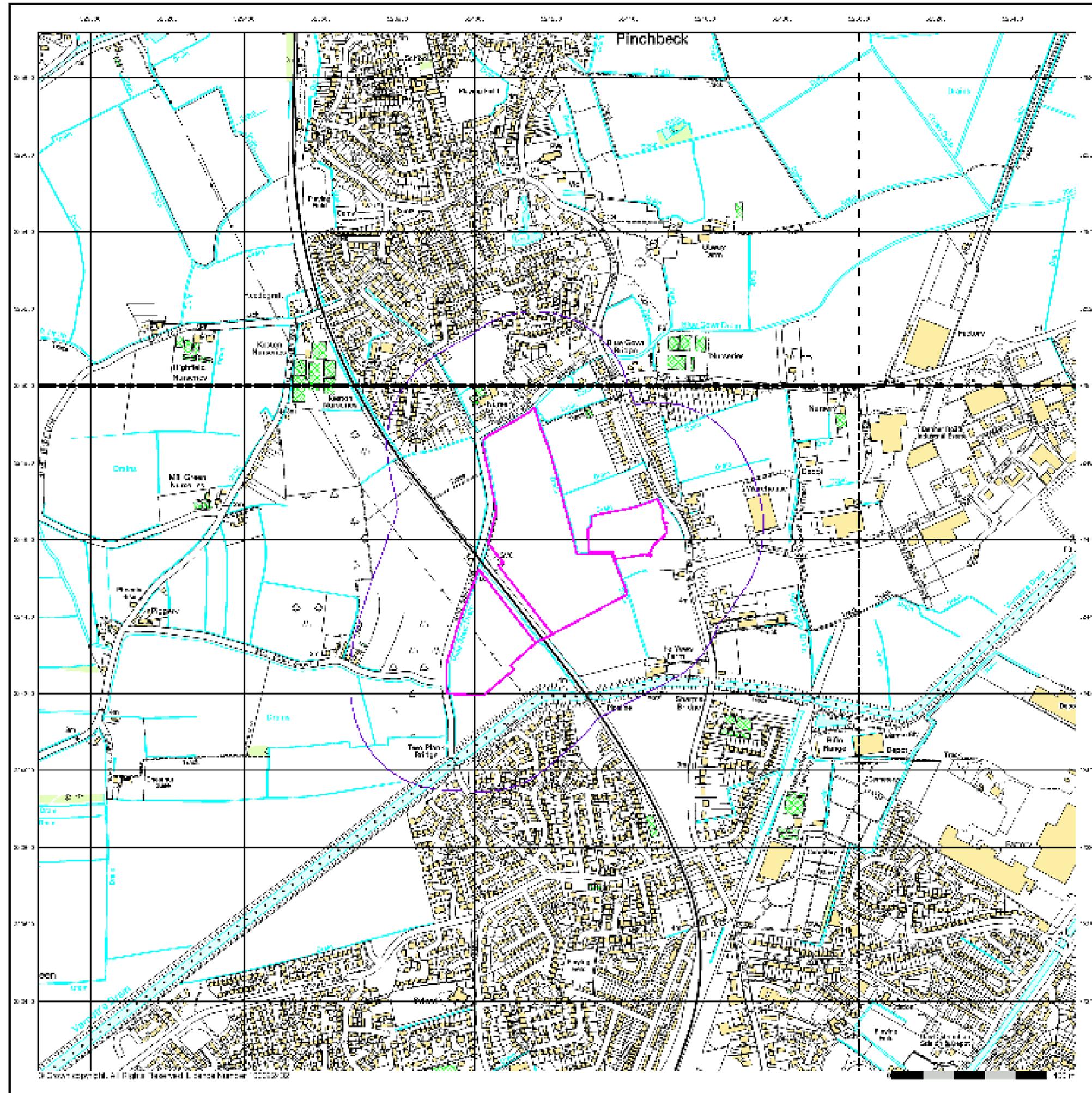
**Order Details**

Order Number: 261885339\_1\_1  
Customer Ref: D39032  
National Grid Reference: 524170, 324560  
Slice: A  
Site Area (Ha): 17.19  
Search Buffer (m): 250

**Site Details**  
Yews Farm, Pinchbeck, Spalding

**Landmark**  
AN INFORMATION GROUP

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

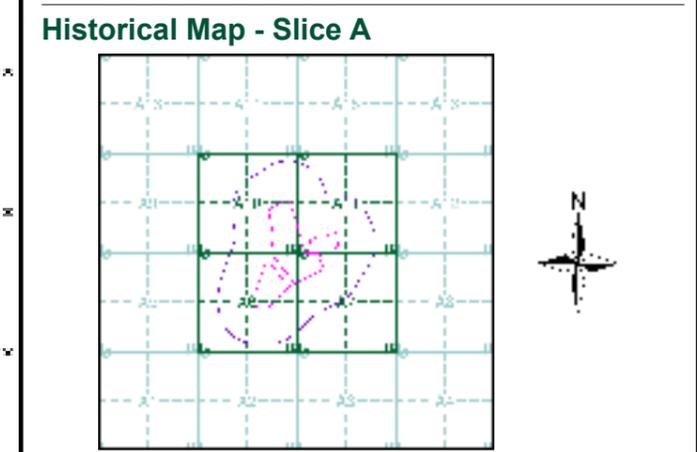


**GeoDyne**  
 10k Raster Mapping  
 Published 2000  
 Source map scale - 1:10,000

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)**

TF22NW 2000 1:10,000	TF22NE 2000 1:10,000
TF22SW 2000 1:10,000	TF22SE 2000 1:10,000

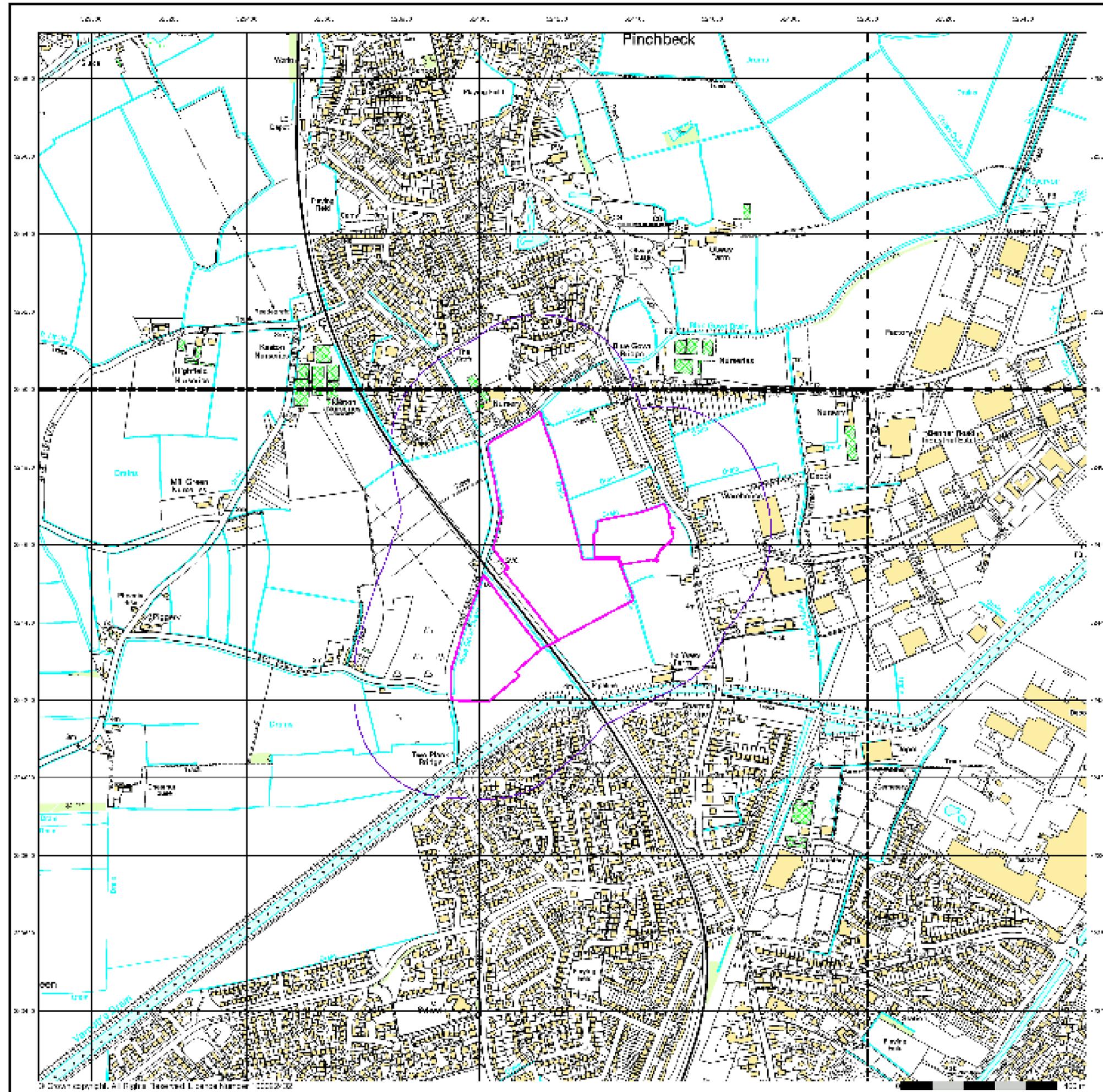


**Order Details**  
 Order Number: 261885339\_1\_1  
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 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**  
 Yews Farm, Pinchbeck, Spalding

**Landmark**  
 INFORMATION GROUP

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



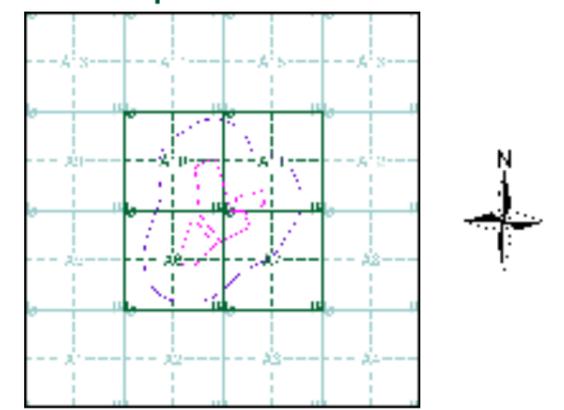
**10k Raster Mapping**  
**Published 2006**  
**Source map scale - 1:10,000**

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)**

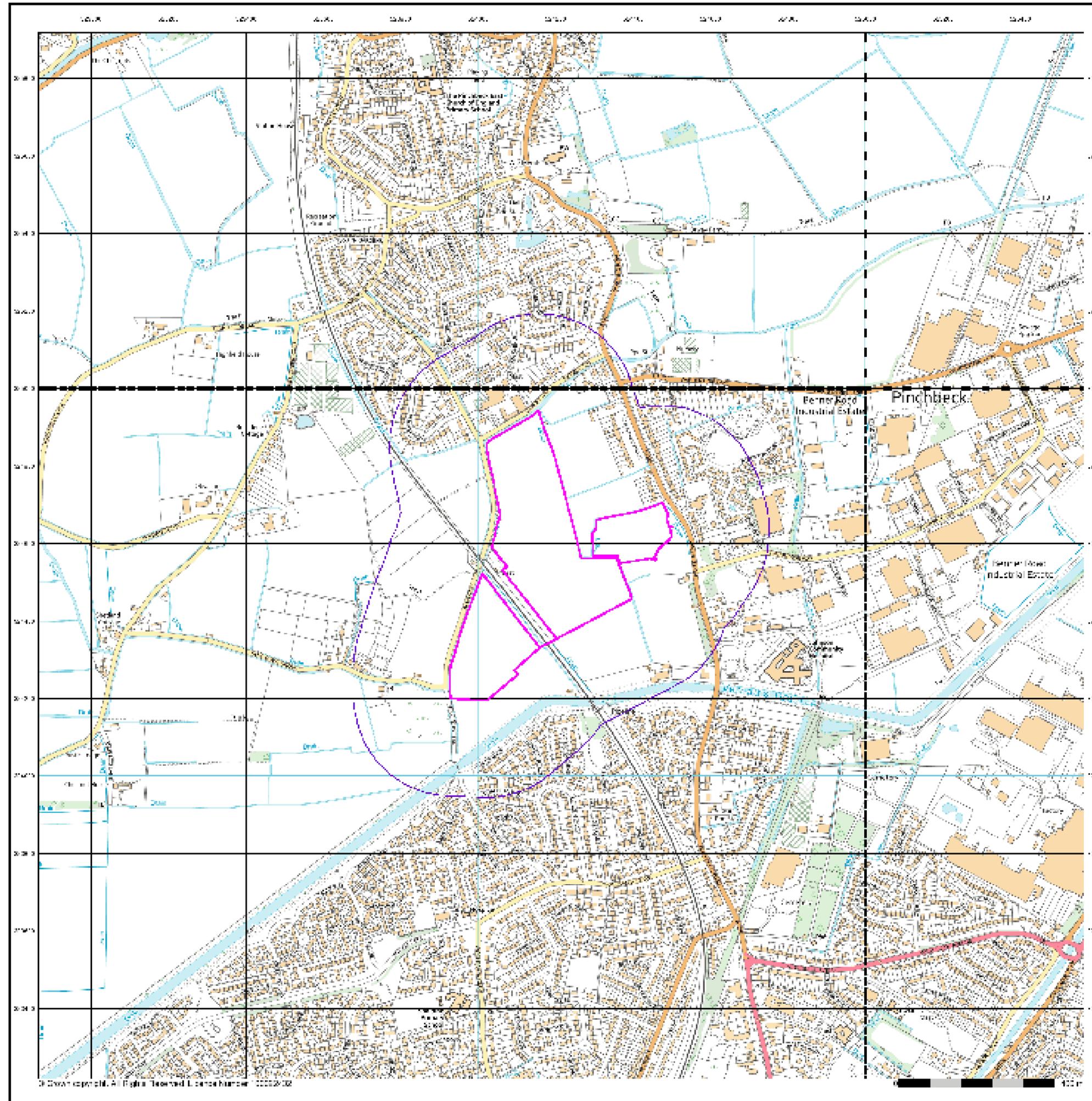
TF22NW	TF22NE
2006	2006
1:10,000	1:10,000
TF22SW	TF22SE
2006	2006
1:10,000	1:10,000

**Historical Map - Slice A**



**Order Details**  
 Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**  
 Yews Farm, Pinchbeck, Spalding



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1:25,000



**VectorMap Local**

**Published 2020**

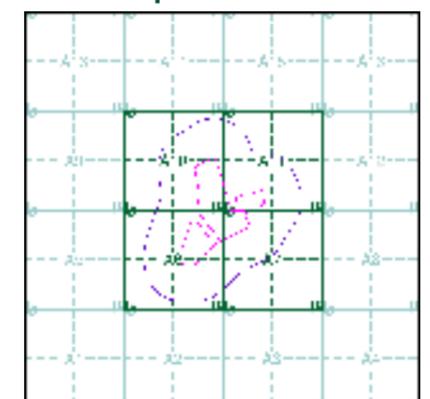
**Source map scale - 1:10,000**

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

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

TF22NW 2020 Variable	TF22NE 2020 Variable
TF22SW 2020 Variable	TF22SE 2020 Variable

**Historical Map - Slice A**



**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding



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**APPENDIX VI**

**Landmark Geological Maps**

## Geology 1:50,000 Maps Legends

### Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene

### Superficial Geology

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

### Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	OXC	Oxford Clay Formation	Mudstone	Not Supplied - Callovian



### Geology 1:50,000 Maps

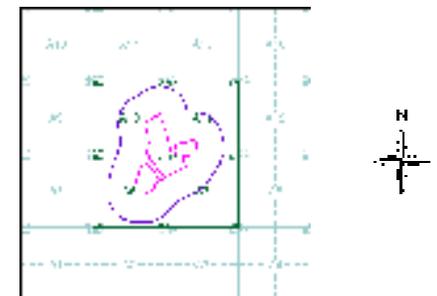
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

### Geology 1:50,000 Maps Coverage

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

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



### Order Details:

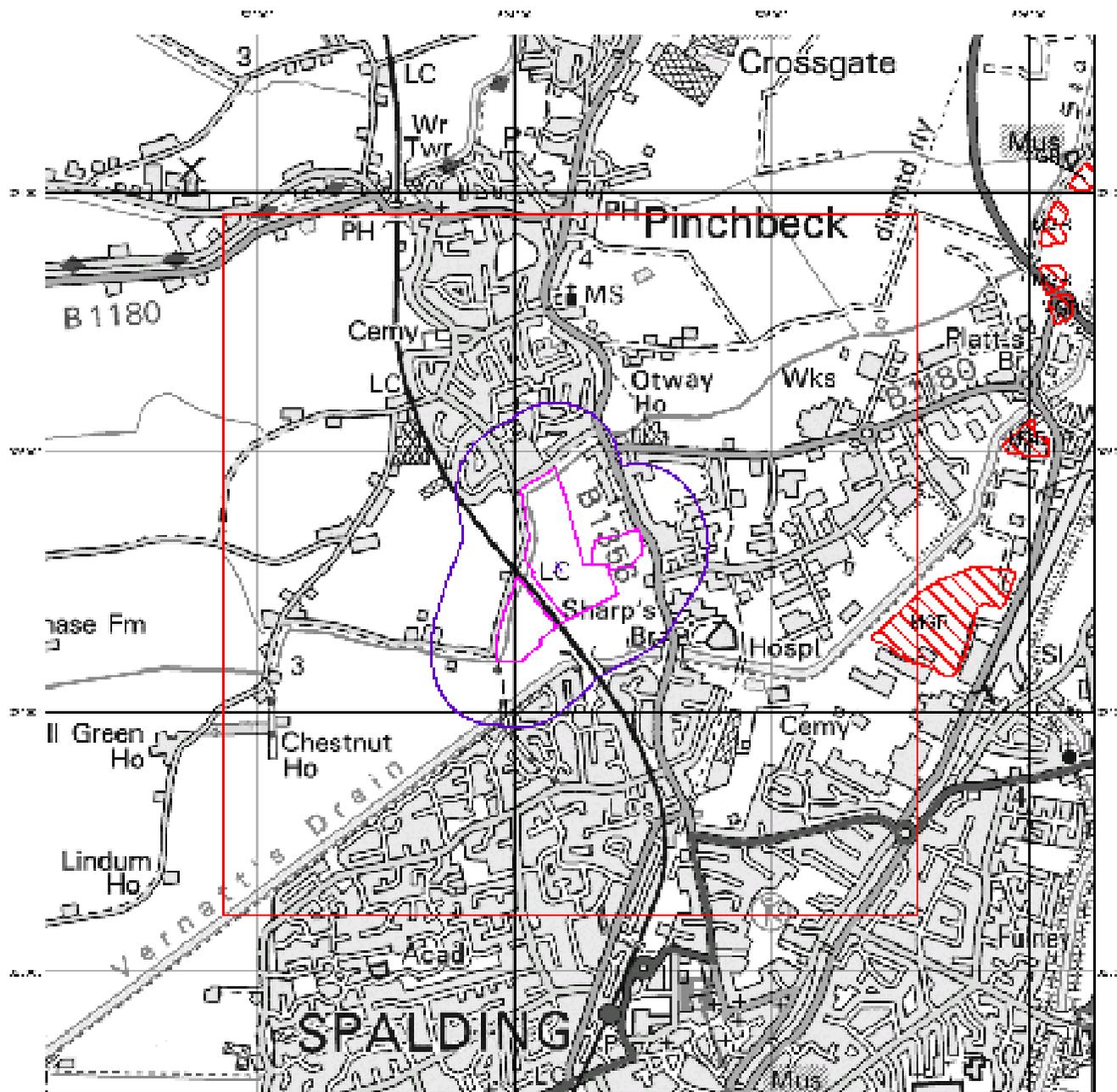
Order Number:	261885339_1_1
Customer Reference:	D39032
National Grid Reference:	524170, 324560
Slice:	A
Site Area (Ha):	17.19
Search Buffer (m):	250

### Site Details:

Yews Farm, Pinchbeck, Spalding



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



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### Artificial Ground and Landslip

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

Artificial ground includes:

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

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

### Artificial Ground and Landslip Map - Slice A



#### Order Details:

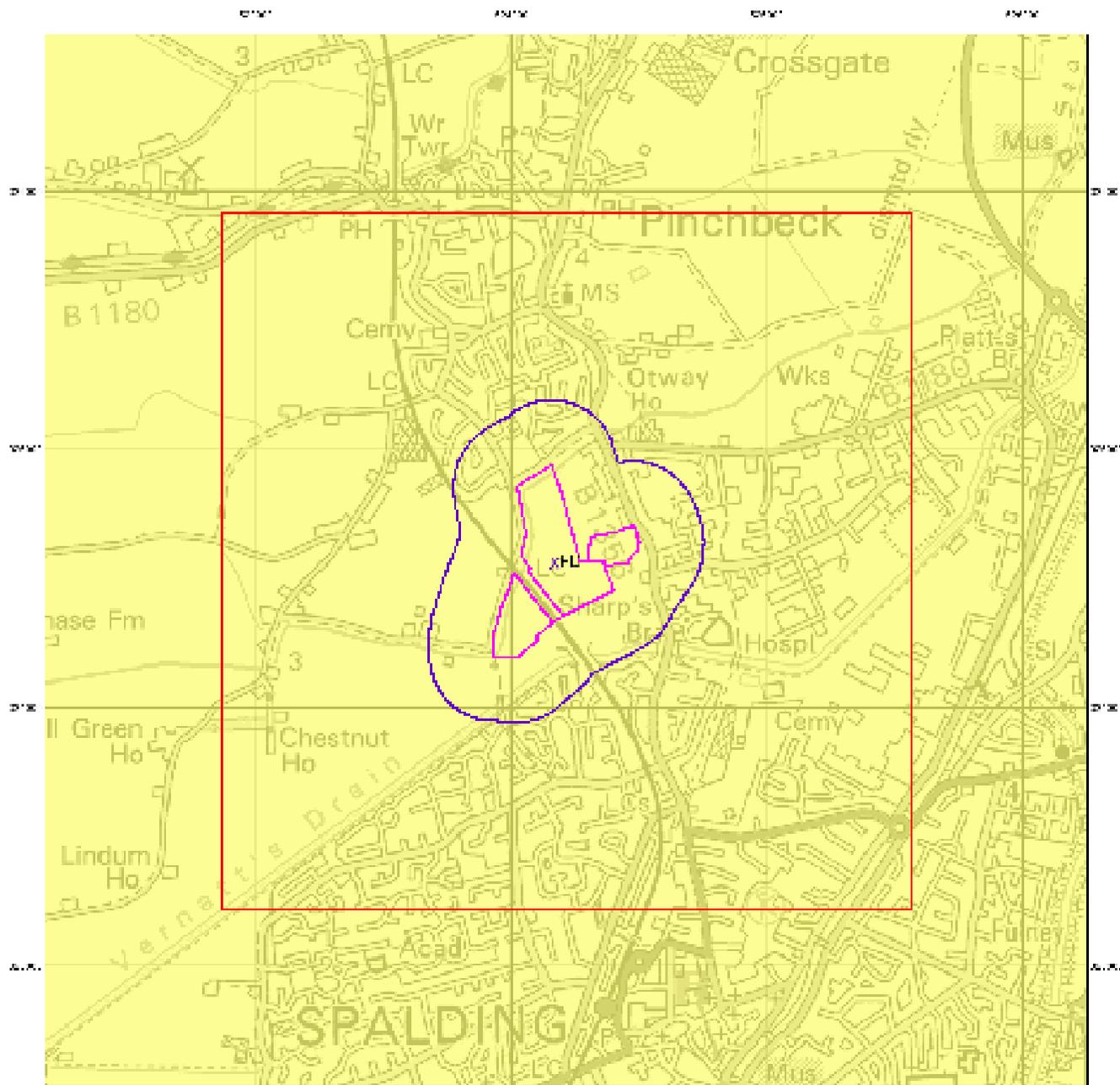
Order Number: 261885339\_1\_1  
 Customer Reference: D39032  
 National Grid Reference: 524170, 324560  
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### Superficial Geology

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

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

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

### Superficial Geology Map - Slice A



### Order Details:

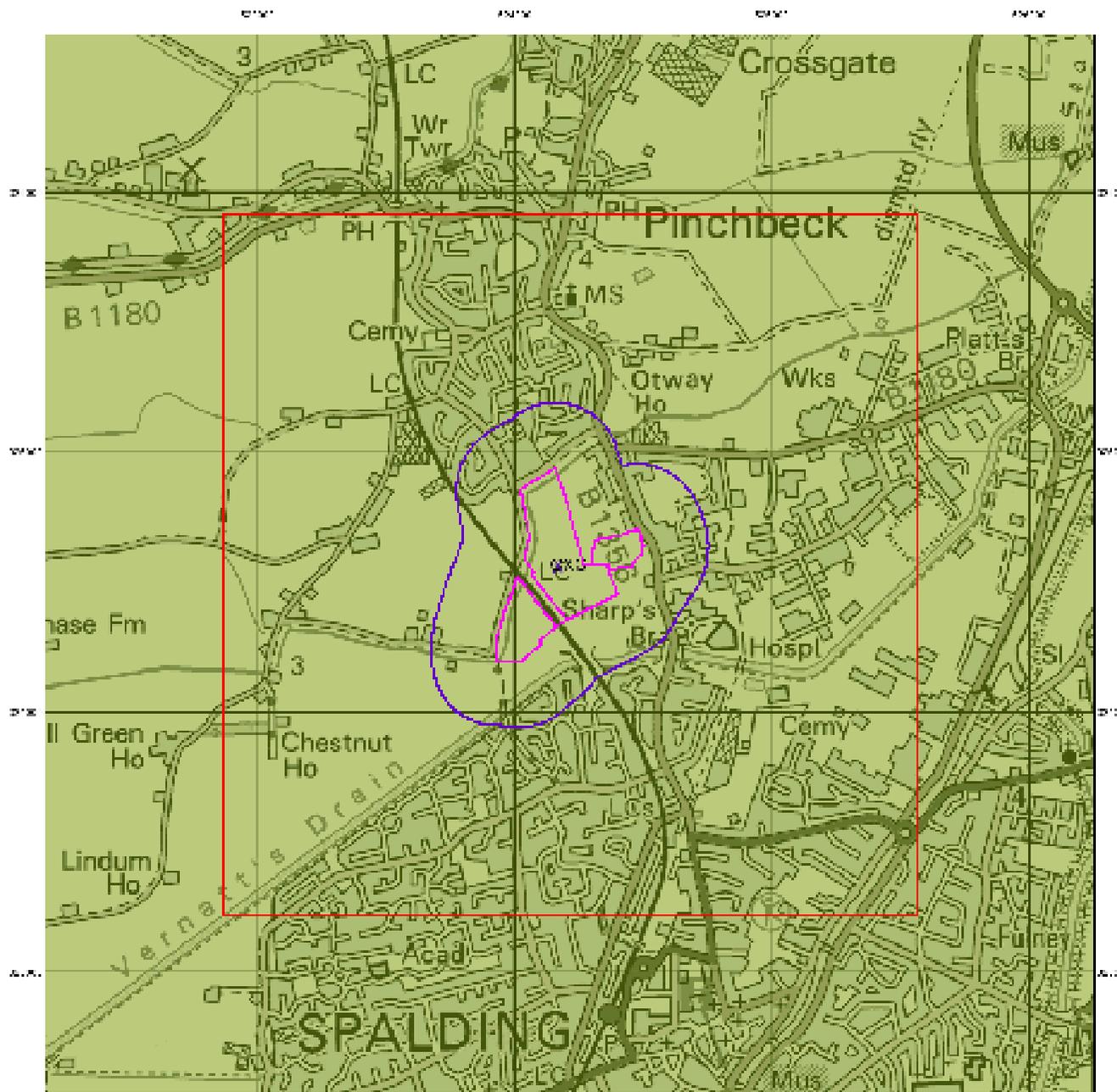
Order Number: 261885339\_1\_1  
 Customer Reference: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

### Site Details:

Yews Farm, Pinchbeck, Spalding



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



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### Bedrock and Faults

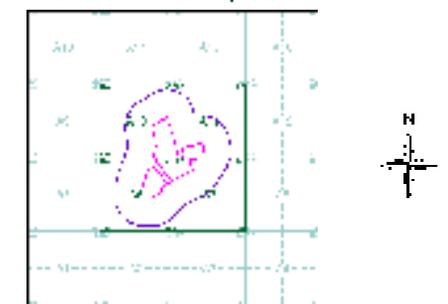
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

### Bedrock and Faults Map - Slice A



### Order Details:

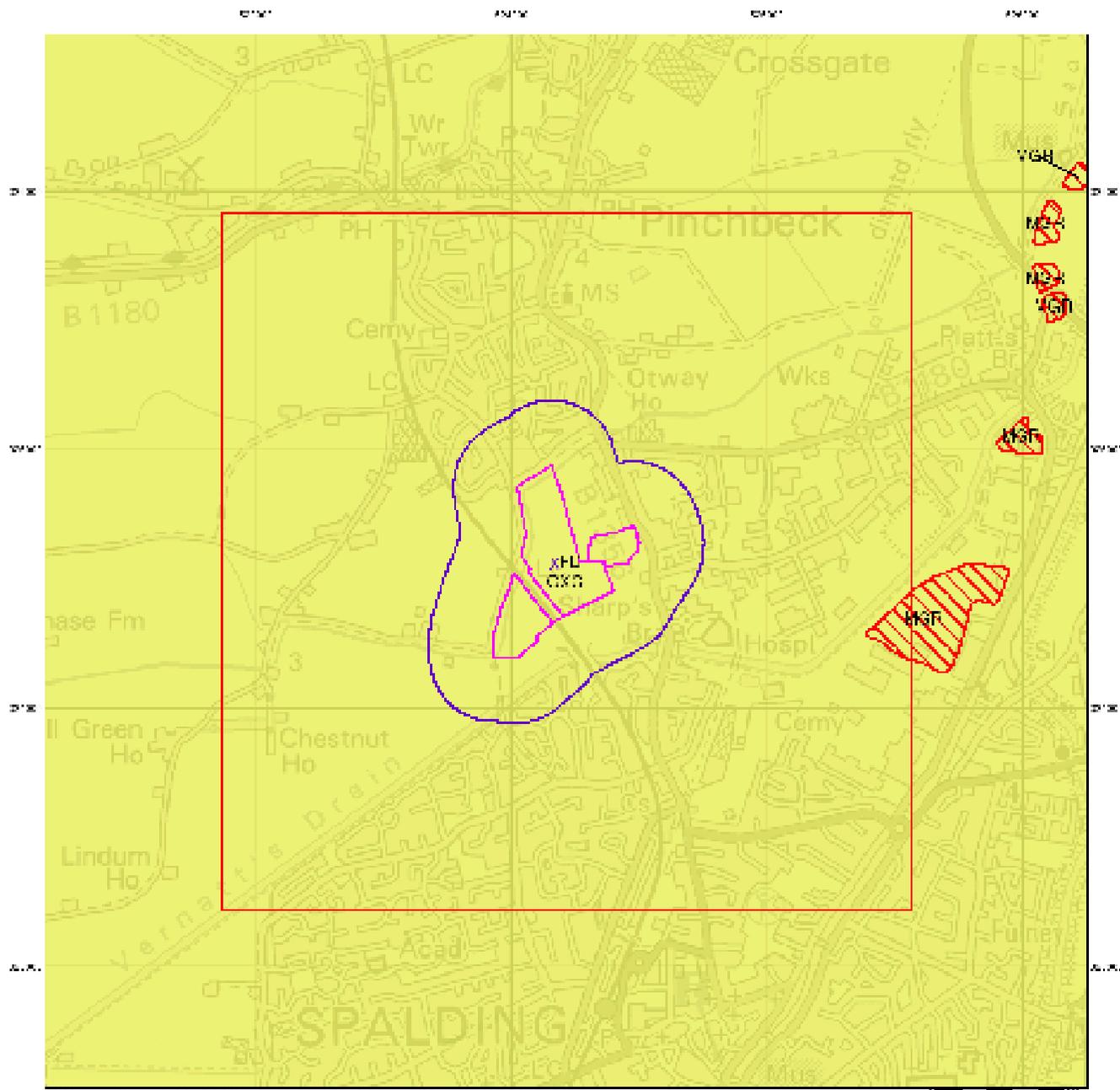
Order Number: 261885339\_1\_1  
 Customer Reference: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

### Site Details:

Yews Farm, Pinchbeck, Spalding



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**Combined Surface Geology**

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

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

**Additional Information**

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

**Contact**

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

**Combined Geology Map - Slice A**



**Order Details:**

Order Number: 261885339\_1\_1  
 Customer Reference: D39032  
 National Grid Reference: 524170, 324560  
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**Site Details:**

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**APPENDIX VII**

**Landmark Envirocheck Report**

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

261885339\_1\_1

**Customer Reference:**

D39032

**National Grid Reference:**

524170, 324560

**Slice:**

A

**Site Area (Ha):**

17.19

**Search Buffer (m):**

250

#### Site Details:

Yews Farm

Pinchbeck

Spalding

#### Client Details:

Mr J Hollands

GeoDyne Ltd

Clarendon House

Clarendon Business Park

Clumber Avenue

Nottingham

NG5 1AH

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	-
Geological	12
Industrial Land Use	14
Sensitive Land Use	15
Data Currency	16
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 this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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## Report Version v53.0

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Agency &amp; Hydrological</b>			
BGS Groundwater Flooding Susceptibility			
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 1		1
Prosecutions Relating to Controlled Waters			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 1	Yes	
Pollution Incidents to Controlled Waters	pg 1		5
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality			
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register	pg 2		1
Water Abstractions	pg 2		5
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 3	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 4	Yes	
Flooding from Rivers or Sea without Defences	pg 4	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 4	1	60

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Waste</b>			
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
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)	pg 11		1
Potentially Infilled Land (Water)	pg 11		7
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
<b>Hazardous Substances</b>			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Geological</b>			
BGS 1:625,000 Solid Geology	pg 12	Yes	n/a
BGS Estimated Soil Chemistry	pg 12	Yes	
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards			
Potential for Compressible Ground Stability Hazards	pg 12	Yes	Yes
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 12	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 12	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 12	Yes	Yes
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
<b>Industrial Land Use</b>			
Contemporary Trade Directory Entries	pg 14		3
Fuel Station Entries			
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			
Gas Pipelines			
Underground Electrical Cables			

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
<b>Sensitive Land Use</b>			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 15	2	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Ashwood Homes  Property Type: Domestic Property (Single)  Location: Spalding Road Bungalow Pinchbeck, Spalding, Lincs, Pe11 3ue  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pr5f5471  Permit Version: 1  Effective Date: 12th January 1988  Issued Date: 12th January 1988  Revocation Date: 1st October 1996  Discharge Type: Unknown  Discharge: Onto Land  Environment:  Receiving Water: Land  <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A7NE (E)	226	2	524620 324400
	<p><b>Nearest Surface Water Feature</b></p>	A11SW (NE)	0	-	524432 324689
2	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: Spalding District  Authority: Environment Agency, Anglian Region  Pollutant: Unknown  Note: Local Dyke  Incident Date: 9th October 1993  Incident Reference: 1674  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Unknown  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A11SW (NE)	20	2	524500 324700
3	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Water Company Sewage: Foul Sewer  Location: Spalding District  Authority: Environment Agency, Anglian Region  Pollutant: Crude Sewage  Note: Local Dyke  Incident Date: 29th April 1996  Incident Reference: 2237  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Wrong Connection  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A10SE (NW)	131	2	523900 324900
4	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: Spalding District, PINCHBECK  Authority: Environment Agency, Anglian Region  Pollutant: Oils - Waste Oil  Note: Penny Toft Drain  Incident Date: 1st February 1999  Incident Reference: 2784  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Unknown  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A10NE (NW)	188	2	523901 325001
5	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Industrial: Other  Location: Spalding District  Authority: Environment Agency, Anglian Region  Pollutant: Miscellaneous - Unknown  Note: Mortofts Drain  Incident Date: 25th September 1998  Incident Reference: 2736  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Unknown  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A6SE (S)	196	2	524000 324000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Spalding District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Local Dyke Incident Date: 2nd August 1993 Incident Reference: 1631 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A11SW (NE)	197	2	524500 324900
7	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 8th October 2015 Incident Reference: 1379123 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant	A6SE (SW)	171	2	523946 324027
8	<b>Water Abstractions</b> Operator: Cecil Francis Ltd Licence Number: 5/31/14/*s/187 Permit Version: Not Supplied Location: Blue Gowt Drain, PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 7 Yearly Rate (m3): 500000 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	A6NE (W)	2	2	524000 324500
9	<b>Water Abstractions</b> Operator: Chas. Lacey & Sons Limited Licence Number: 5/31/14/*s/196 Permit Version: Not Supplied Location: Vernatts Drain, PINCHBECK Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 1 Yearly Rate (m3): 20000 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	A7NW (SE)	94	2	524300 324300
10	<b>Water Abstractions</b> Operator: B. H. Daniels Licence Number: 5/31/14/*s/037 Permit Version: Not Supplied Location: Vernatts Drain, SPALDING Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 3 Yearly Rate (m3): 613710 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	A6SE (S)	116	2	524200 324200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<b>Water Abstractions</b> Operator: C W Dobbs & Son Ltd Licence Number: 5/31/14/*S/0117 Permit Version: 101 Location: Vernatts Drains - South Holland Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 29th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SE (SW)	201	2	523900 324000
11	<b>Water Abstractions</b> Operator: B. H. Daniels Licence Number: 5/31/14/*s/037 Permit Version: Not Supplied Location: Vernatts Drain, SPALDING Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 3 Yearly Rate (m3): 613710 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	A6SE (SW)	201	2	523900 324000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: >10m Superficial Thickness: Low Superficial Recharge:	A6NE (W)	0	3	524000 324560
	<b>Groundwater Vulnerability Map</b> Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: >10m Superficial Thickness: Low Superficial Recharge:	A6NE (SW)	0	3	524170 324560
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Unproductive Strata	A6NE (SW)	0	3	524170 324560
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Unproductive Strata	A6NE (SW)	0	3	524170 324560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A6NE (SW)	0	2	524170 324560
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A6NE (SW)	0	2	524170 324560
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 128.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A7NW (E)	0	4	524295 324564
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6SE (SW)	1	4	523927 324212
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 231.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A7NW (E)	1	4	524295 324564
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A10NE (N)	2	4	524157 324943
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 339.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A6NE (W)	2	4	524008 324537
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A10NE (N)	2	4	524159 324938
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 231.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (N)	2	4	524227 324717

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 184.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (E)	2	4	524262 324584
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 230.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (N)	2	4	524229 324716
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 279.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A7NW (E)	2	4	524385 324496
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 50.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (NE)	2	4	524431 324690
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: Underground Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A6SE (SW)	2	4	523926 324212
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	3	4	524022 324863
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 71.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6NE (S)	3	4	524124 324395
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 143.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6NE (S)	3	4	524169 324333
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 206.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A10NE (N)	3	4	524189 324907

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	4	4	524018 324847
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	4	4	524019 324841
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 158.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	4	4	524050 324687
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Reedy Graft Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	4	4	524022 324863
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	4	4	524029 324868
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 143.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	4	4	524032 324871
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 15.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (NE)	4	4	524478 324707
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 142.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6SE (SW)	4	4	523928 324197
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: Underground Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	5	4	524046 324674

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 355.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A10NE (N)	5	4	524154 324947
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 142.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A10SE (W)	7	4	524030 324601
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 139.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (NE)	7	4	524488 324695
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.2 Watercourse Level: Underground Permanent: True Watercourse Name: Reedy Graft Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	8	4	524019 324865
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 157.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6NE (S)	8	4	524192 324339
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 178.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6NE (SW)	9	4	524062 324472
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 225.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A6SE (SW)	11	4	523917 324218
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6NE (W)	12	4	524011 324534
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 201.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A10SE (W)	14	4	524021 324605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 88.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A10SE (NW)	15	4	524021 324774
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 155.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Reedy Graft Drain Catchment Name: Welland Primacy: 2	A10SE (NW)	21	4	524009 324874
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 191.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A10SE (NW)	27	4	523998 324867
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 70.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6SE (SW)	31	4	523926 324169
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (NE)	67	4	524531 324742
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 111.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (NE)	82	4	524525 324770
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (NE)	85	4	524450 324786
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1332.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Vernatt's Drain Catchment Name: Welland Primacy: 1	A6SE (S)	94	4	524185 324192
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (NE)	102	4	524441 324800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6SE (SW)	104	4	523934 324095
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7101.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Vernatt's Drain Catchment Name: Welland Primacy: 1	A6SE (S)	109	4	524198 324194
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 201.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6SE (SW)	111	4	523933 324088
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6SE (SW)	111	4	523933 324088
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6SE (SW)	138	4	523934 324061
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: Underground Permanent: True Watercourse Name: Reedy Graft Drain Catchment Name: Welland Primacy: 2	A10NE (NW)	173	4	523935 325010
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (NE)	174	4	524496 324878
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 236.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A11SW (NE)	174	4	524496 324878
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 56.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6NW (SW)	178	4	523750 324251

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 26.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Reedy Graft Drain Catchment Name: Welland Primacy: 2	A10NE (NW)	194	4	523925 325028
65	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A10SW (NW)	210	4	523815 324814
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 126.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A10SW (NW)	212	4	523813 324814
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 186.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A10SW (NW)	212	4	523813 324814
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 196.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6NW (SW)	216	4	523697 324253
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Reedy Graft Drain Catchment Name: Welland Primacy: 2	A10NE (NW)	220	4	523912 325051
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Reedy Graft Drain Catchment Name: Welland Primacy: 2	A10NE (NW)	226	4	523909 325056
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 847.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Blue Gowt Drain Catchment Name: Welland Primacy: 2	A6NW (SW)	231	4	523697 324253
72	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 82.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Welland Primacy: 2	A6SW (SW)	231	4	523744 324064

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Spalding, Lincolnshire Name: Woolram Wygate Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL00277 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: RD7-71-01/89, SH-71-01/89, 2500/5041	A7SW (S)	184	2	524261 324169
	<b>Local Authority Landfill Coverage</b> Name: South Holland District Council - Has no landfill data to supply		0	6	524170 324560
	<b>Local Authority Landfill Coverage</b> Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	5	524170 324560
74	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A7SW (S)	169	-	524254 324190
75	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A10SE (NW)	17	-	524007 324876
76	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A10SE (NW)	36	-	523989 324867
77	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A10NE (N)	111	-	524102 325039
78	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A10NE (NW)	112	-	523957 324969
79	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A11NW (N)	153	-	524258 325055
80	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A11NW (N)	161	-	524268 325055
81	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A10SW (NW)	242	-	523781 324868

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Kellaways Formation And Oxford Clay Formation (Undifferentiated)	A6NE (SW)	0	1	524170 324560
	<b>BGS Estimated Soil Chemistry</b> 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	A6NE (SW)	0	1	524170 324560
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	524170 324560
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	58	1	524170 325000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	524170 324560
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	58	1	524170 325000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	524170 324560
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	58	1	524170 325000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	524170 324560
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	58	1	524170 325000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	524170 324560
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	58	1	524170 325000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	524170 324560
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	58	1	524170 325000
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	524170 324560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A6NE (SW)	0	1	524170 324560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Food Connect            Location: 97, Spalding Road, Pinchbeck, Spalding, Lincolnshire, PE11 3UE            Classification: Food Products - Manufacturers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A11SW (NE)	176	-	524359 324887
83	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Pinchbeck Services            Location: 75, Spalding Road, Pinchbeck, SPALDING, Lincolnshire, PE11 3UE            Classification: Cleaning Services - Domestic  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A11NW (N)	200	-	524328 325041
84	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: L Barnett            Location: 8, Daniels Reach, Spalding, Lincolnshire, PE11 3HG            Classification: Road Haulage Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A6SE (S)	220	-	524176 324037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	<b>Nitrate Vulnerable Zones</b> Name: Glen Nvz Description: Surface Water Source: Environment Agency, Head Office	A6NE (SW)	0	3	524170 324560
86	<b>Nitrate Vulnerable Zones</b> Name: Vernatt'S Drain Nvz Description: Surface Water Source: Environment Agency, Head Office	A6NE (SW)	0	3	524069 324479

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Environment Agency - Head Office South Holland District Council - Environmental Services	June 2020 October 2013	Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region	July 2020	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region	March 2013	Annual Rolling Update
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region	October 2008	Variable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region	July 2020	Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> South Holland District Council - Environmental Services	October 2014	Variable
<b>Local Authority Pollution Prevention and Controls</b> South Holland District Council - Environmental Services	October 2014	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> South Holland District Council - Environmental Services	October 2014	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2020	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Anglian Region	September 1999	Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region	March 2013	Annual Rolling Update
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region	March 2013	Annual Rolling Update
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region	June 2016	
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area	July 2020	Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region	July 2020	Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region	October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	October 2019	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2020	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	September 2020	Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	September 2020	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	September 2020	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	September 2020	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	June 2020	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	October 2019	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region	October 2008	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area	July 2020	Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area	July 2020	Quarterly
<b>Local Authority Landfill Coverage</b> Lincolnshire County Council South Holland District Council - Environmental Services	May 2000 May 2000	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Lincolnshire County Council South Holland District Council - Environmental Services	May 2000 May 2000	Not Applicable Not Applicable
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> South Holland District Council Lincolnshire County Council - Highways and Planning Department	January 2016 June 2010	Variable Variable
<b>Planning Hazardous Substance Consents</b> Lincolnshire County Council - Highways and Planning Department South Holland District Council	August 2007 January 2016	Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	June 2020	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	July 2020	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	September 2020	Quarterly
<b>Gas Pipelines</b> National Grid	September 2020	
<b>Points of Interest - Commercial Services</b> PointX	September 2020	Quarterly
<b>Points of Interest - Education and Health</b> PointX	September 2020	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	September 2020	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	September 2020	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	September 2020	Quarterly
<b>Underground Electrical Cables</b> National Grid	August 2020	

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	April 2020	Bi-Annually
<b>Areas of Adopted Green Belt</b> South Holland District Council	June 2020	As notified
<b>Areas of Unadopted Green Belt</b> South Holland District Council	June 2020	As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	June 2019	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	April 2020	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Parks</b> Natural England	April 2017	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	May 2020	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	September 2020	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	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>Lincolnshire County Council</b> 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
6	<b>South Holland District Council - Environmental Services</b> Council Offices, Priory Road, Spalding, Lincolnshire, PE11 2XE	Website: www.sholland.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

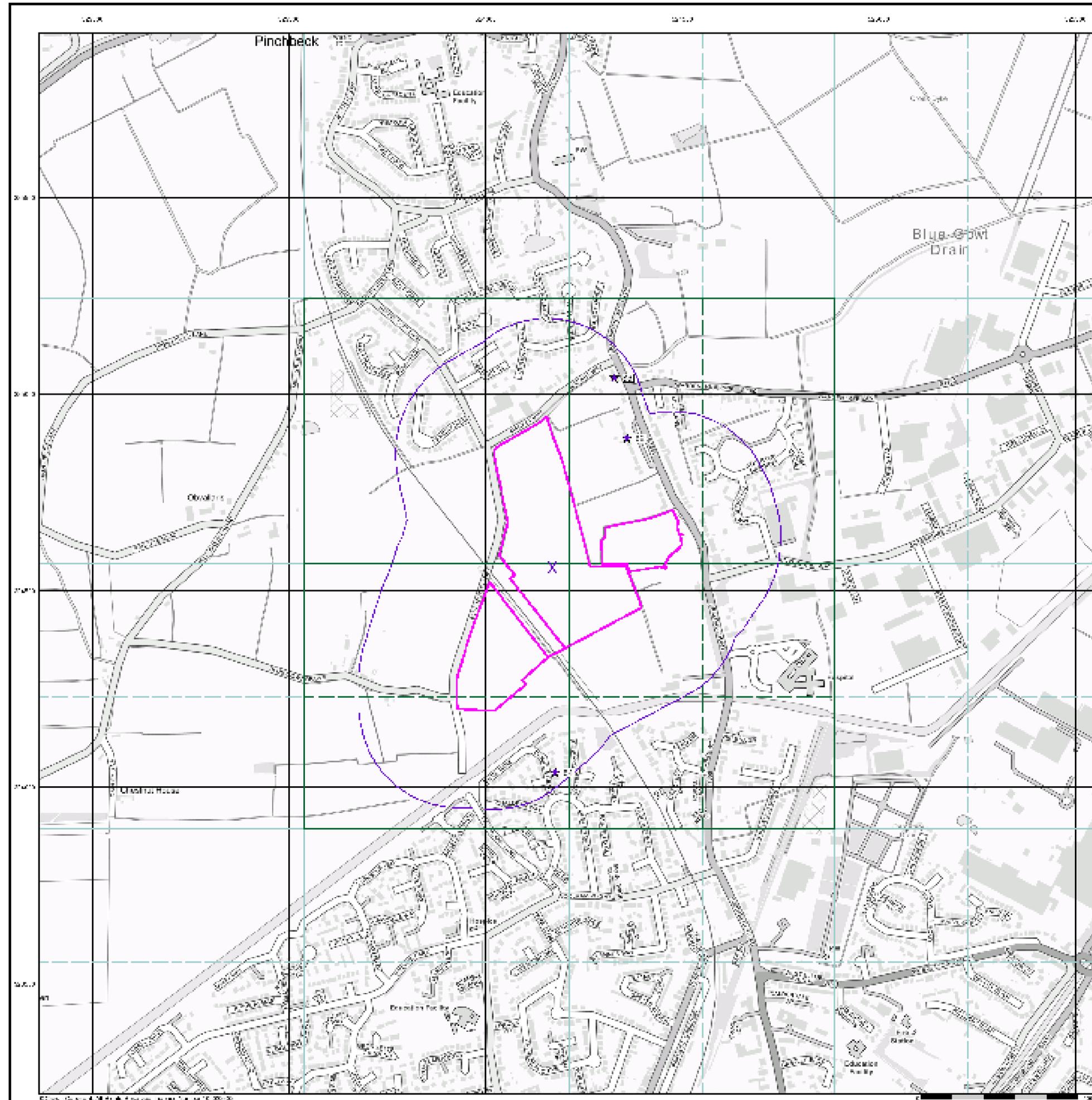






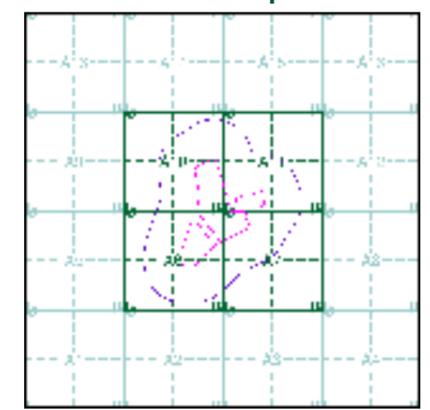






- General**
- General Filter
  - Specified Eutrophication
  - Boundary Reference Point
  - Site
  - Map ID
- Industrial Land Use**
- Landfill - Trade Wastes - Full
  - Landfill - Full
  - Gas Pipelines
  - Points of Interest - Commercial Services
  - Points of Interest - Education and Health
  - Points of Interest - Manufacturing and Production
  - Points of Interest - Public Infrastructure
  - Points of Interest - Recreational and Amusement
  - Underground Council Offices

**Industrial Land Use Map - Slice A**



**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**  
 Yews Farm, Pinchbeck, Spalding

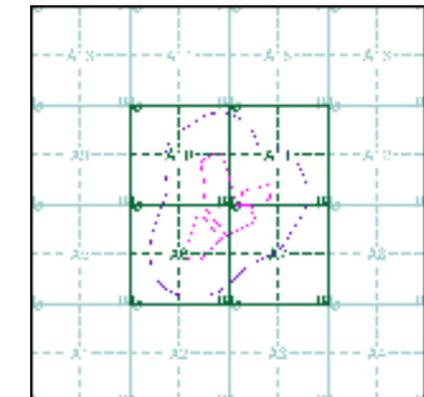
**General**

-  Study Area
-  Search Buffer
-  Flood Defence Point

**Agency and Hydrological (Flood)**

-  Floods Flooding from Sources with a Distance (20m)
-  Floods from sources with a Distance (20m)
-  Area Benefiting from Flood Defence
-  Flood Risk along Roads
-  Flood Defence

**Flood Map - Slice A**



**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding

**General**

-  Study Area
-  Search Buffer
-  Borehole Location
-  Map ID
-  Boundary of Local Levels

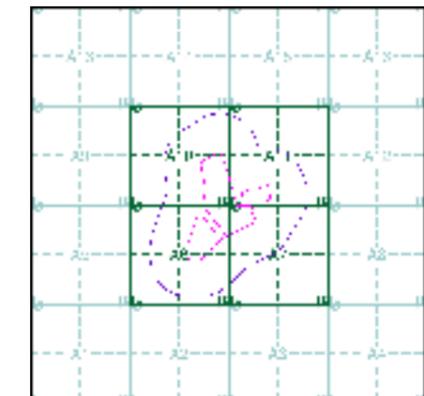
**Agency and Hydrological (Boreholes)**

-  Borehole (Environment Agency)
-  Borehole (Environment Agency)
-  Borehole (Environment Agency)
-  Confined
-  Other

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

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

**Borehole Map - Slice A**



**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding

**General**

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

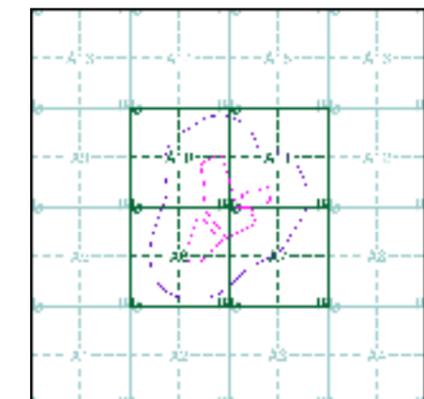
**OS Water Network Data**

- |  |   |
|--|---|
|  Canal        |  Drain                   |
|  Reservoir    |  Other                   |
|  Freestone    |  Lake                    |
|  Marsh        |  Transfer                |
|  Tidal River  |  Lock Or Flight Off take |
|  Inland River |  Sea                     |

**Contours (height in meters)**

- |                  |   |   |
|------------------|---|---|
| Standard Contour |  |  Mean Low Water  |
| Master Contour   |  |  Mean High Water |
| Spot Height      |  |   |

**OS Water Network Map - Slice A**



**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding

**General**

-  Study Area
-  Search Buffer
-  Flood Defence Point

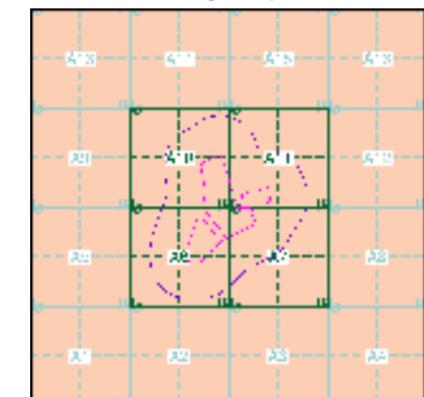
**Risk of Flooding from Surface Water**

-  High - 50 Year ARI
-  Medium - 100 Year Return
-  Low - 100 Year Return

**Suitability**

-  All other ground
-  Quality Land
-  Technically Feasible
-  Served Land parcels of land
-  Empty

**EANRW Suitability Map - Slice A**

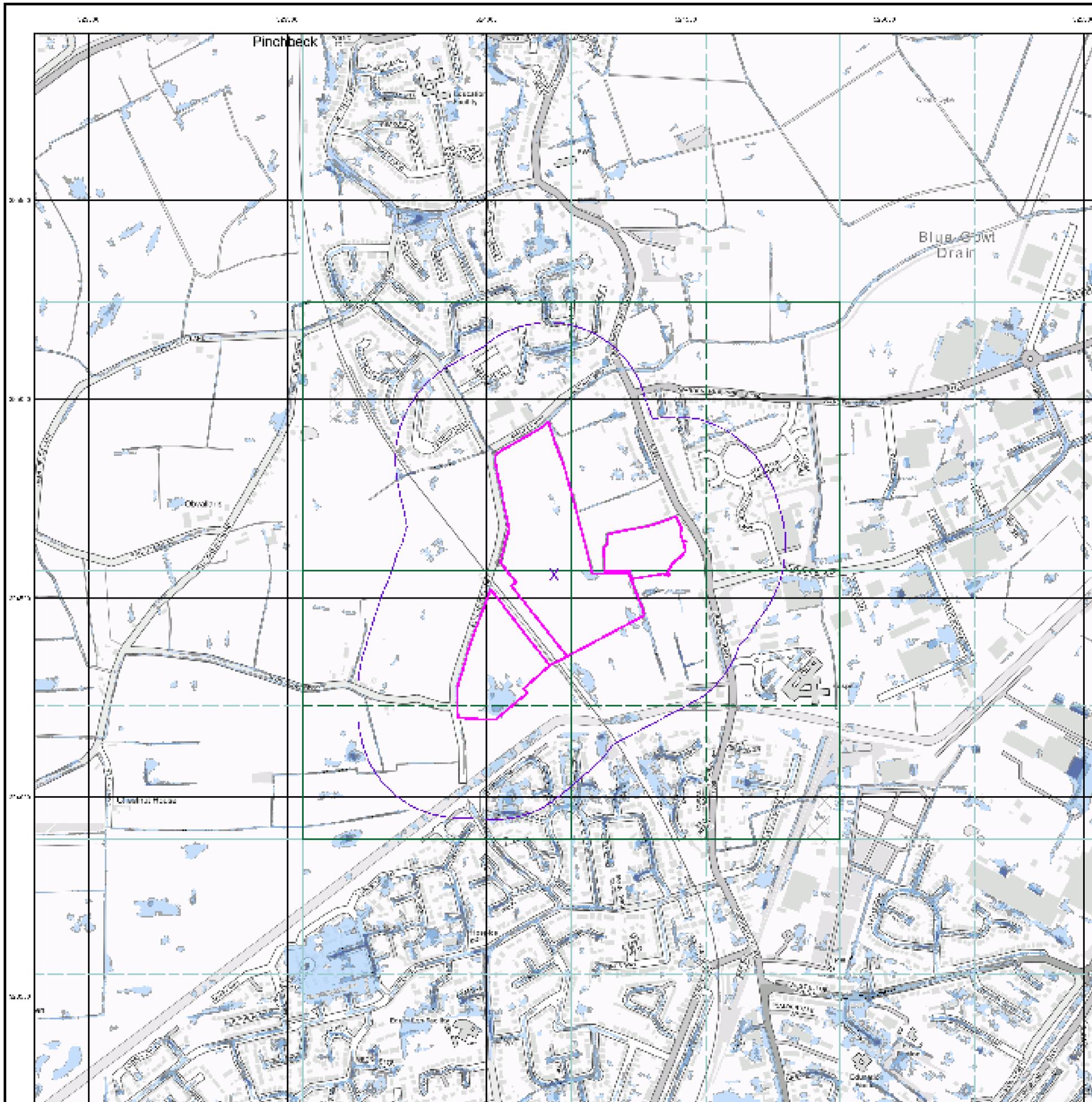


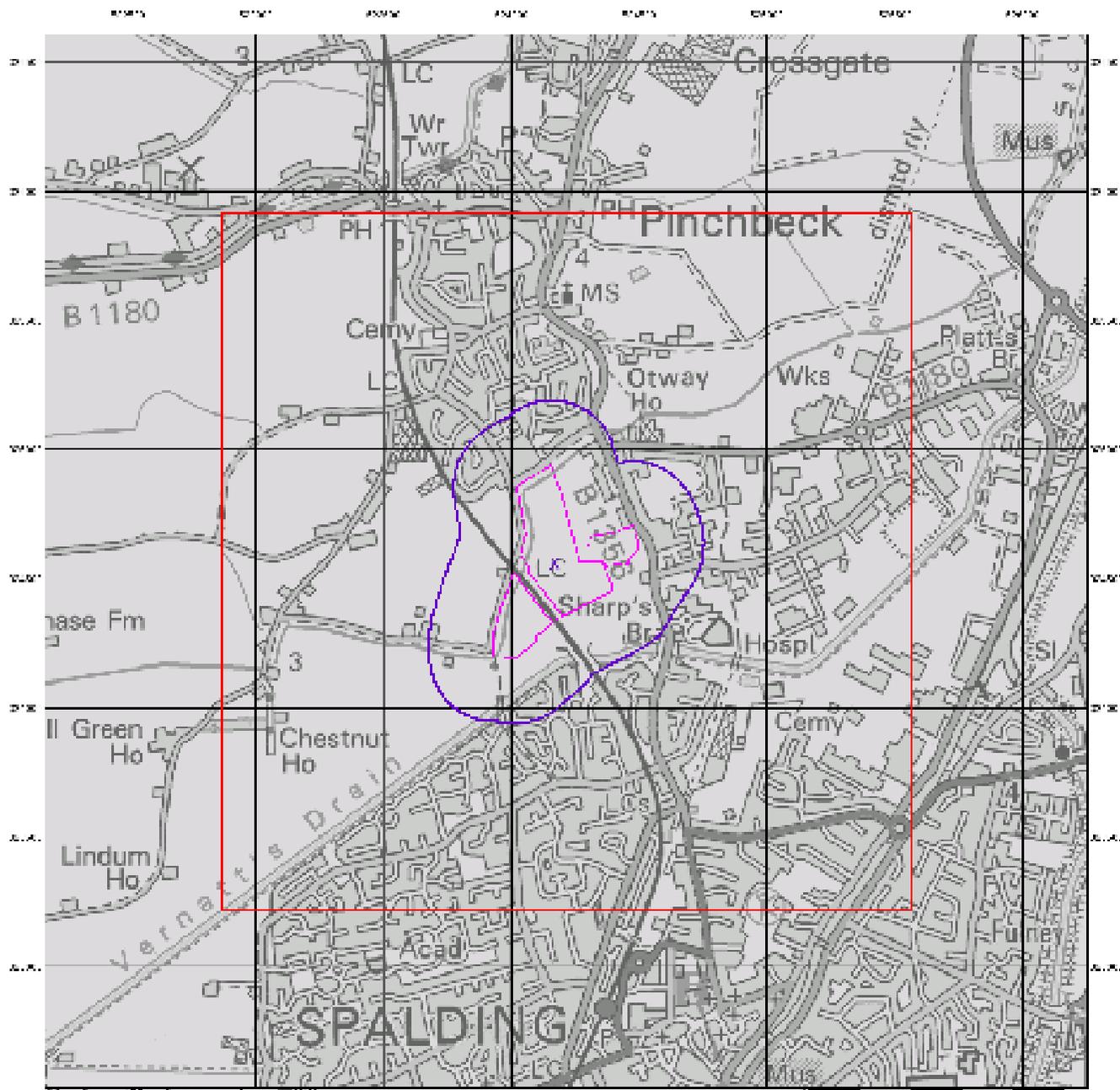
**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding





  
**GeoDyne**  
 Groundwater Vulnerability

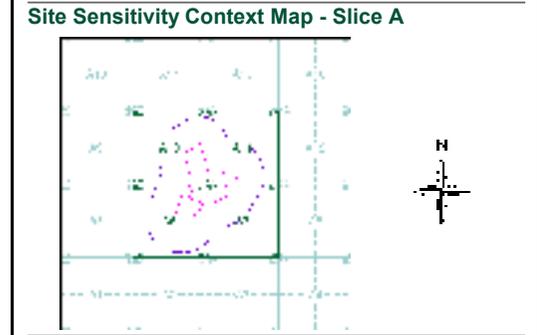
**General**






**Agency and Hydrological**

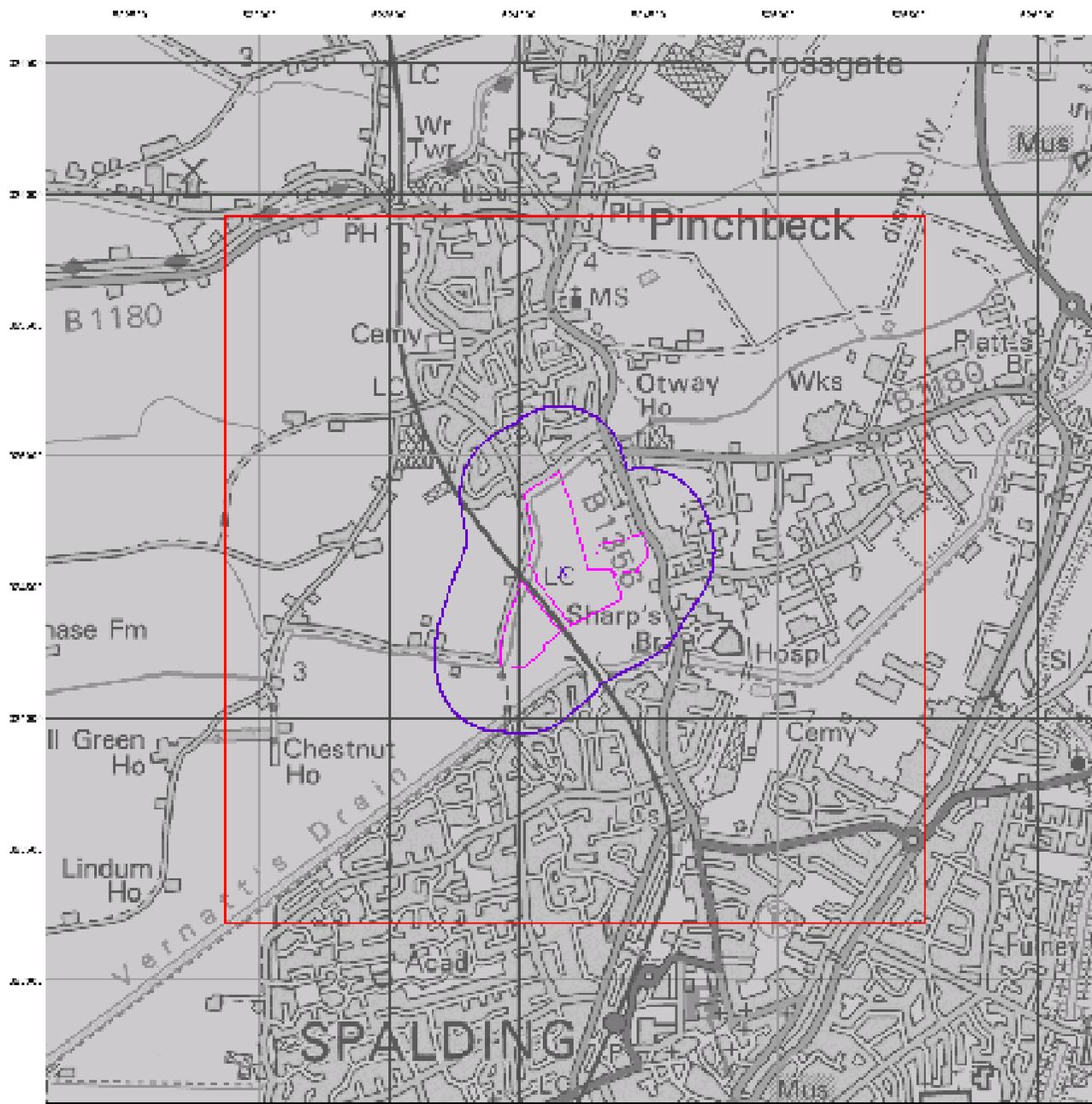
Bedrock Aquifers	Superficial Aquifers
 High Vulnerability Principal Aquifer  High Vulnerability Secondary Aquifer  Medium Vulnerability Principal Aquifer  Medium Vulnerability Secondary Aquifer  Low Vulnerability Principal Aquifer  Low Vulnerability Secondary Aquifer  Impervious Aquifer  No Data	 High Vulnerability Principal Aquifer  High Vulnerability Secondary Aquifer  Medium Vulnerability Principal Aquifer  Medium Vulnerability Secondary Aquifer  Low Vulnerability Principal Aquifer  Low Vulnerability Secondary Aquifer



**Order Details**

Order Number: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**  
 Yews Farm, Pinchbeck, Spalding



## Bedrock Aquifer Designation

### General

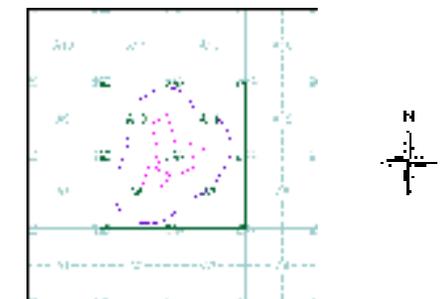
- Proposed Site
- Search Buffer
- Local Authority
- Other

### Agency and Hydrological

#### Geological Classes

- Permian Aquifer
- Permian Sandstone

### Site Sensitivity Context Map - Slice A



### Order Details

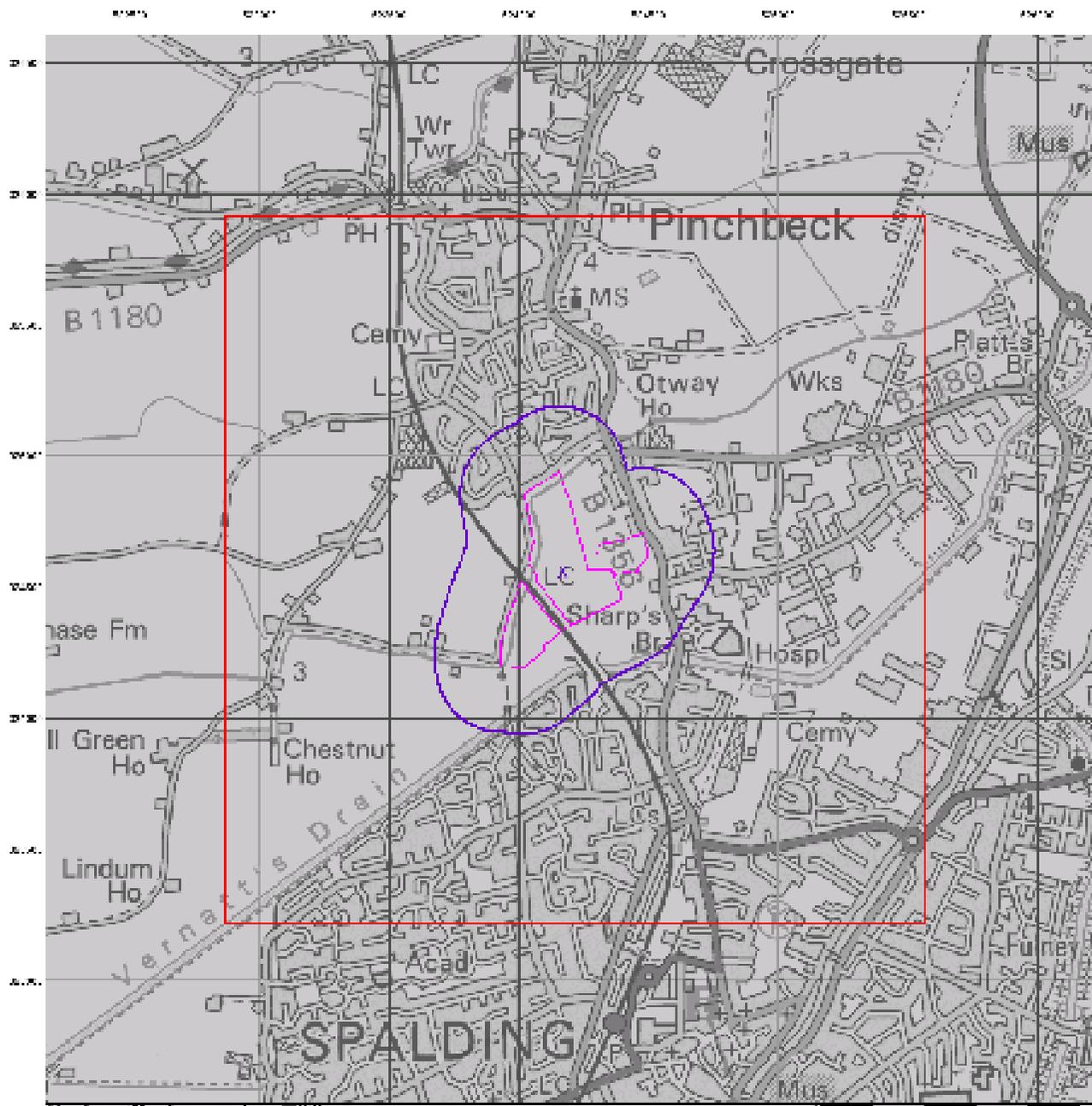
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 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

### Site Details

Yews Farm, Pinchbeck, Spalding



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



## Superficial Aquifer Designation

### General

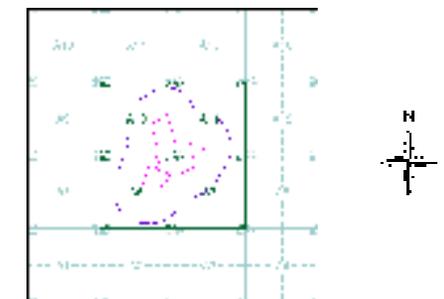
- Superficial Aquifer

### Agency and Hydrological

#### Geological Classes

- Alluvial Aquifer
- Gravelly Sand
- Sand and Gravel
- Sandstone and Gravel
- Unconsolidated Sand
- Clay
- River and Floodplain

### Site Sensitivity Context Map - Slice A



### Order Details

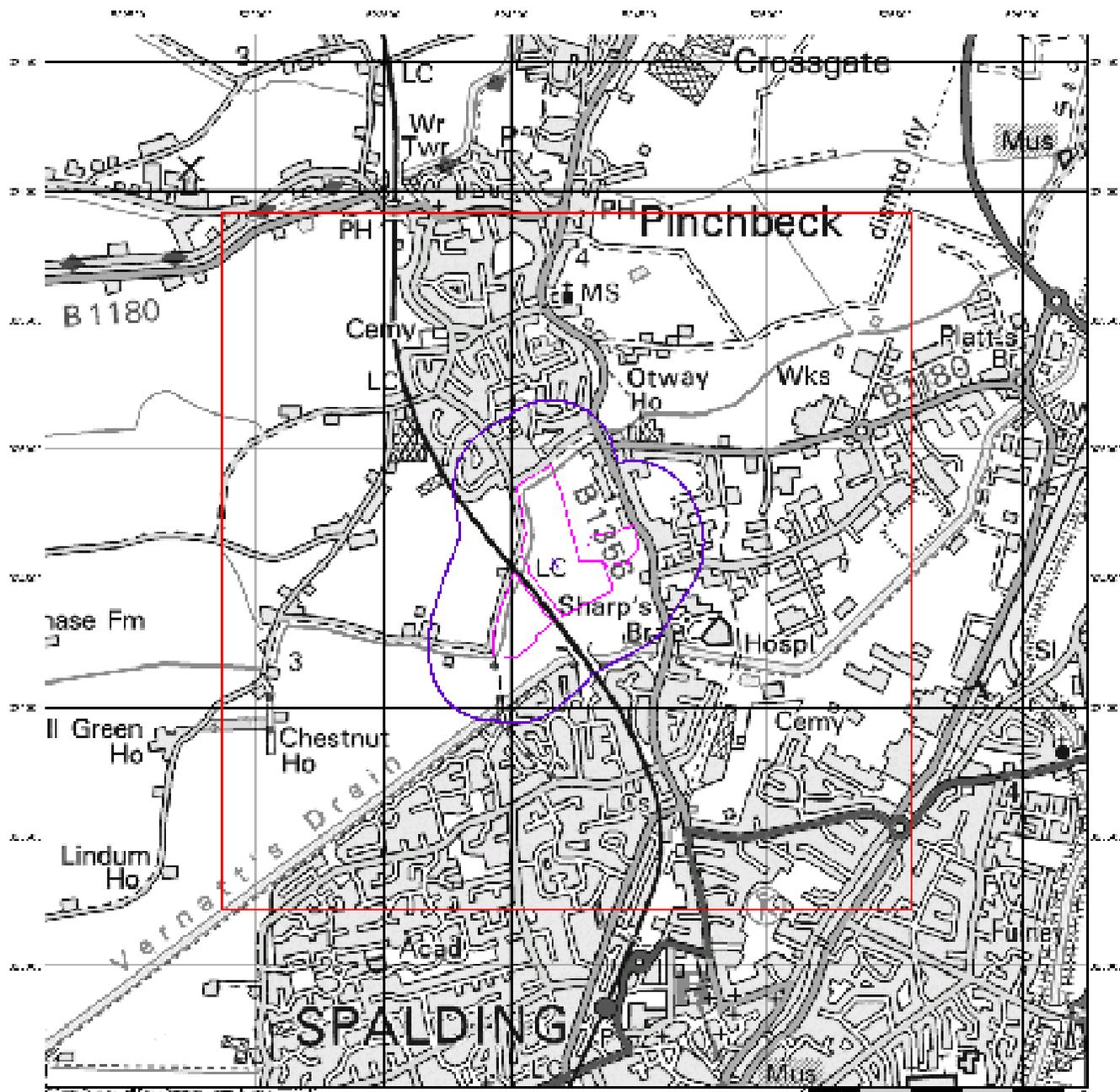
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 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

### Site Details

Yews Farm, Pinchbeck, Spalding



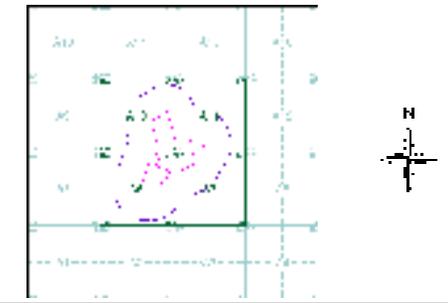
Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk




## Source Protection Zones

- General**
- Source Protection Zone
  - Search Buffer
- Agency and Hydrological**
- Watercourse
  - Environment Agency Flood Risk
  - Flood Risk
  - Flood Risk
  - Surface Water
  - Flood Risk
  - Canal Watercourse

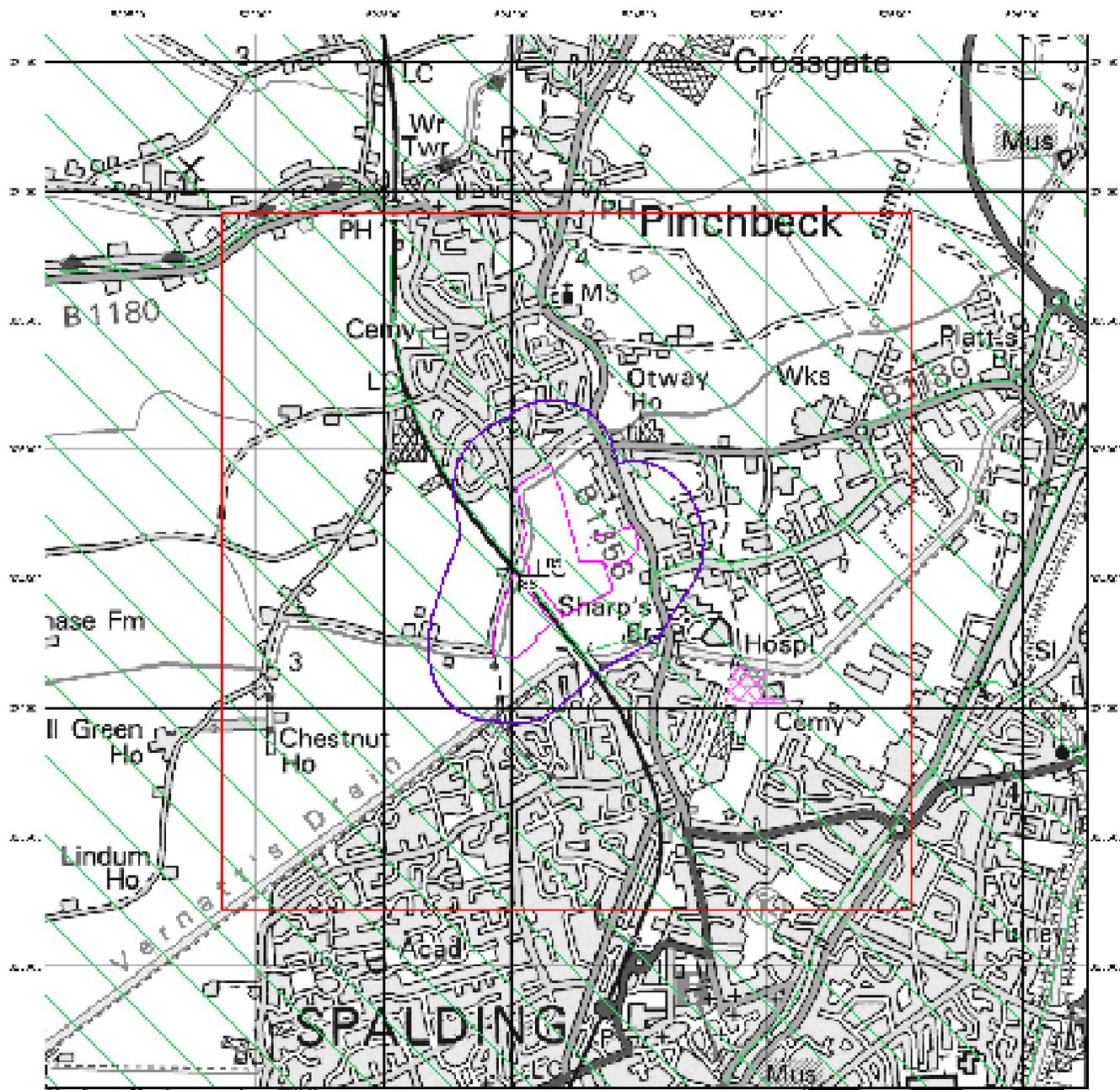
### Site Sensitivity Context Map - Slice A



**Order Details**

Order Number:	261885339_1_1
Customer Ref:	D39032
National Grid Reference:	524170, 324560
Slice:	A
Site Area (Ha):	17.19
Search Buffer (m):	250

**Site Details**  
Yews Farm, Pinchbeck, Spalding



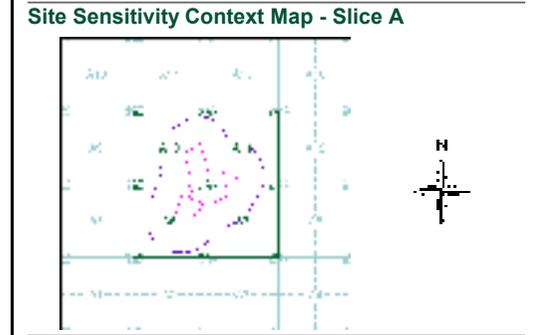
  
**GeoDyne**  
 Sensitive Land Uses

**Greenfield**

-  Greenfield
-  Sensitive Land Uses
-  Sensitive Land Uses

**Sensitive Land Uses**

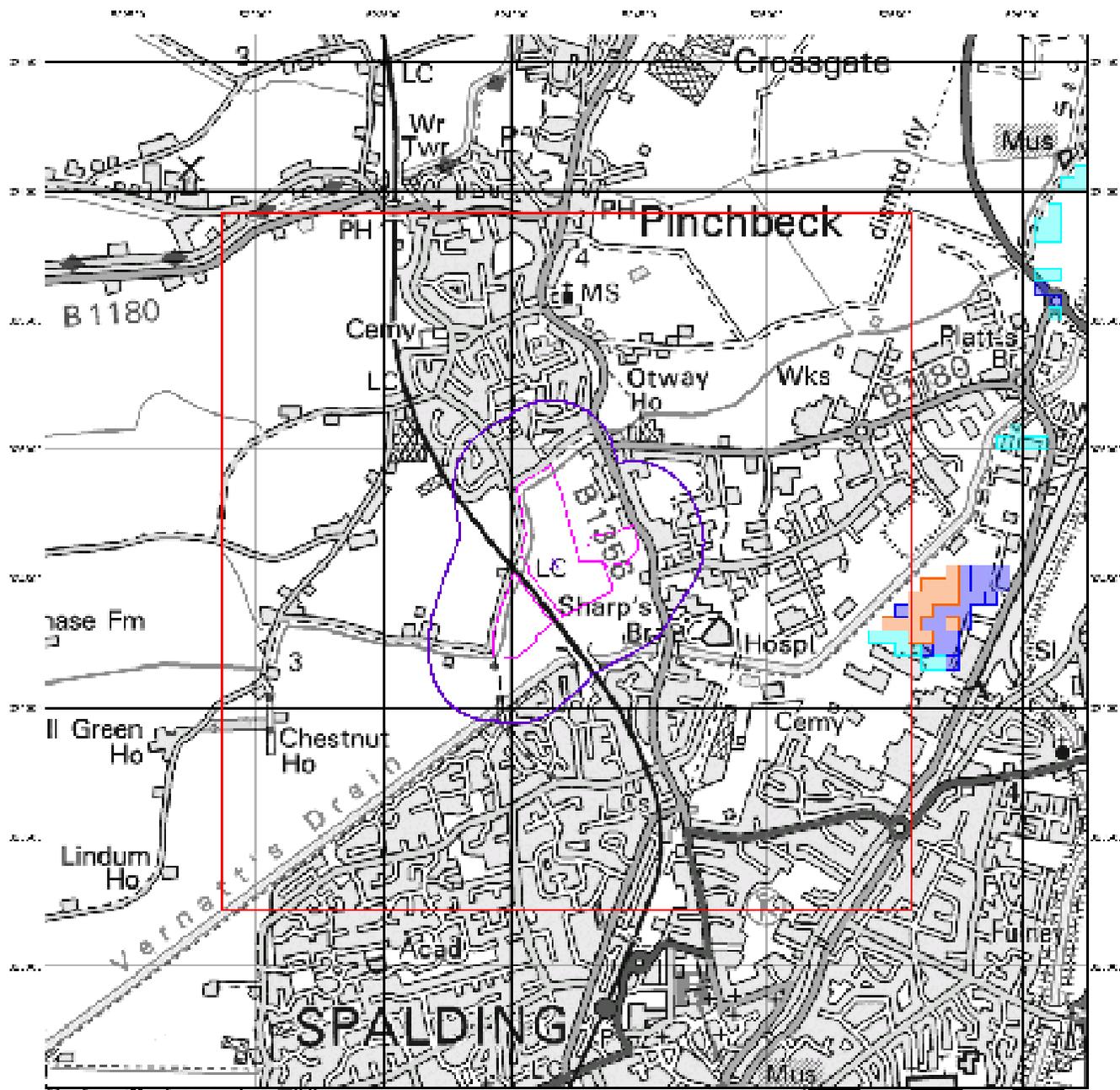
 Sensitive Land Uses	 Water Pipe
 Greenfield	 Water Main
 Area of Wildlife Character	 Other Air Pollution
 Area of Archaeological Interest	 Power Line
 Flood Risk	 Other Air Pollution
 Flood Plain	 Sensitive Area of Conservation
 Flood Protection	 Water Main
 Flood Protection	 Watering Poles
 Flood Protection	



**Order Details**

Order Number:	261885339_1_1
Customer Ref:	D39032
National Grid Reference:	524170, 324560
Slice:	A
Site Area (Ha):	17.19
Search Buffer (m):	250

**Site Details**  
 Yews Farm, Pinchbeck, Spalding



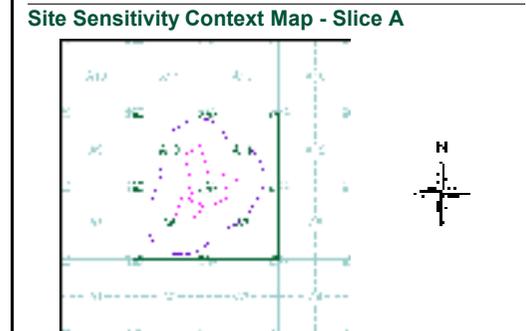
**BGS Flood GFS Data**

**General**

- (Pink) Flood Risk
- (Purple) Flood Risk
- ✕ (Purple) Flood Risk
- ⌂ (Red) Flood Risk

**Agency and Hydrological (Flood)**

- (Orange) Potential for flooding from surface water
- (Blue) Potential for flooding from groundwater
- (Cyan) Potential for flooding from the sea



**Order Details**

Order Number:	261885339_1_1
Customer Ref:	D39032
National Grid Reference:	524170, 324560
Slice:	A
Site Area (Ha):	17.19
Search Buffer (m):	250

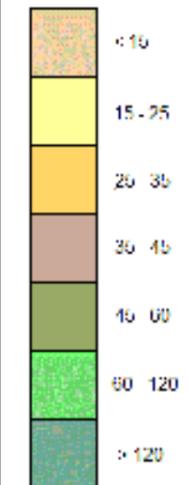
**Site Details**  
Yews Farm, Pinchbeck, Spalding

**General**

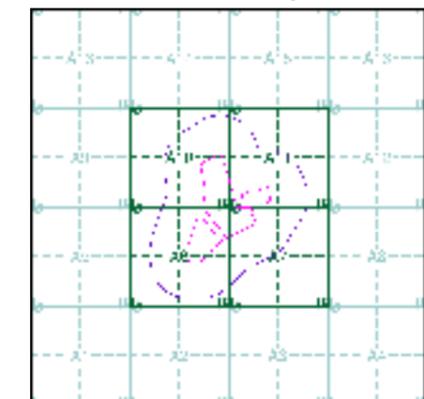
✕ Spiked Site    
 ✕ Spiked Site Buffer    
 ✕ Working Reference Point

**Estimated Soil Chemistry Arsenic**

Arsenic Concentrations mg/kg



**Estimated Soil Chemistry Arsenic - Slice A**

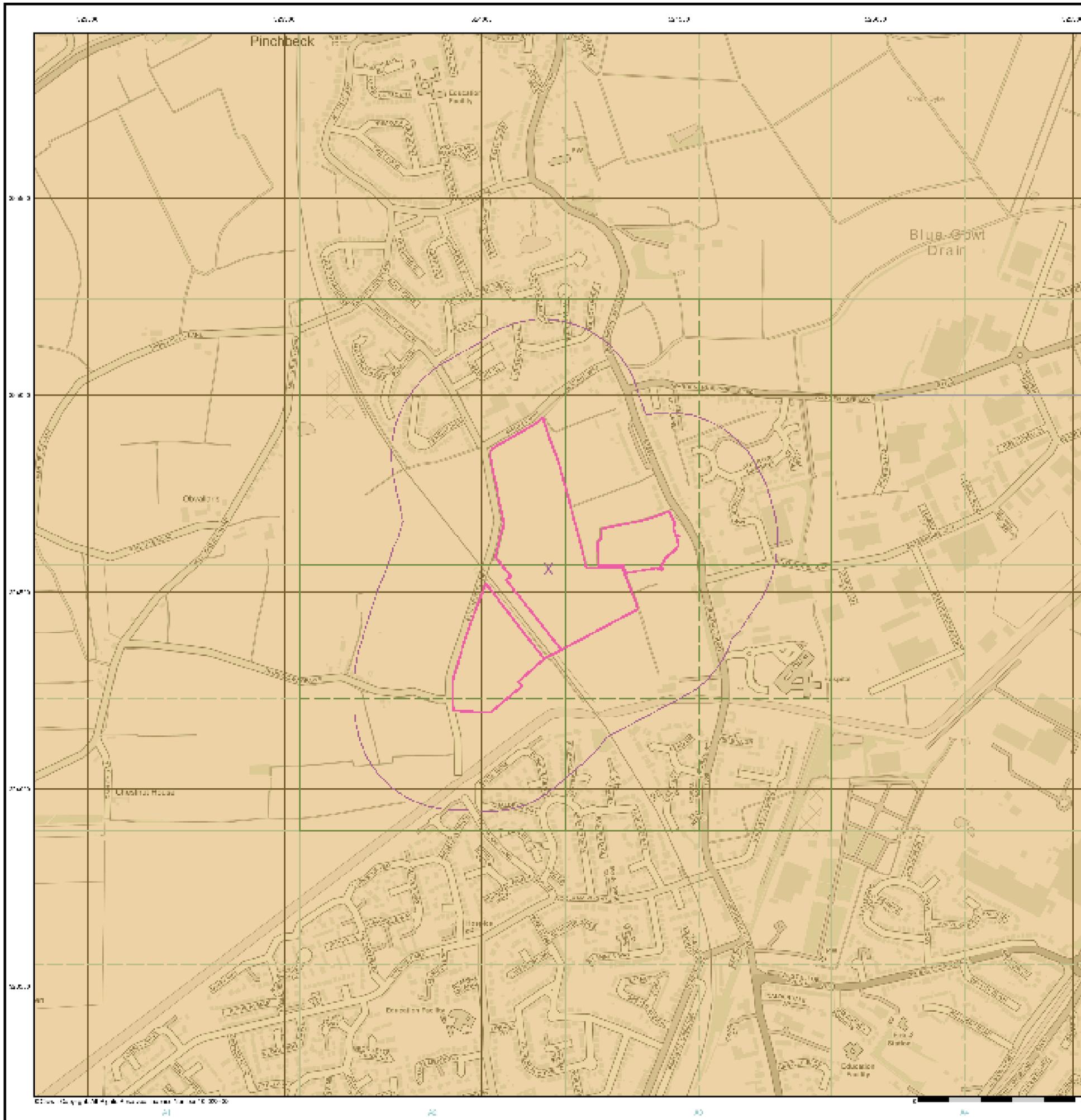


**Order Details**

Order Details: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding

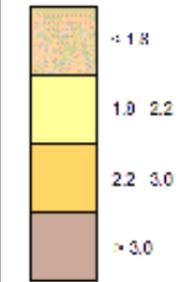


**General**

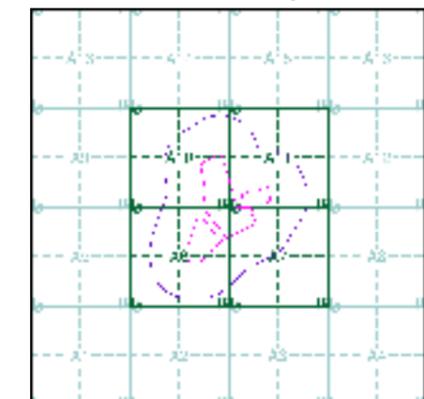
✕ Opened site    
 ✕ Opened site step    
 ✕ Change to create

**Estimated Soil Chemistry Cadmium**

Cadmium Concentrations mg/kg



**Estimated Soil Chemistry Cadmium - Slice A**

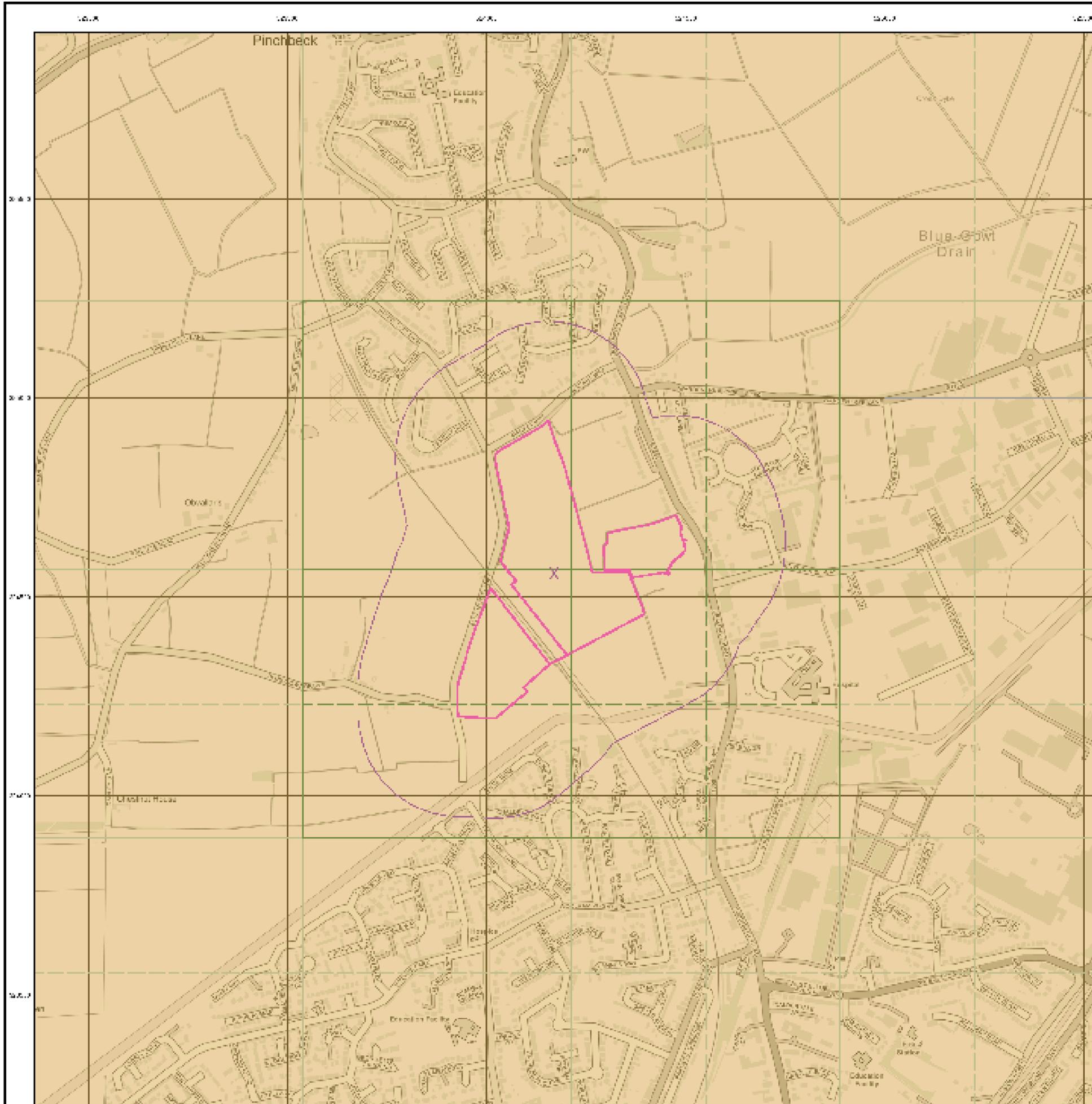


**Order Details**

Order Details: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding

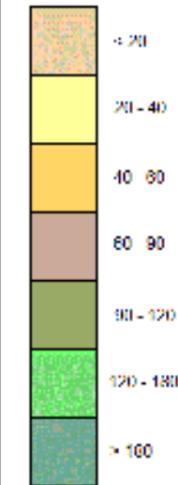


**General**

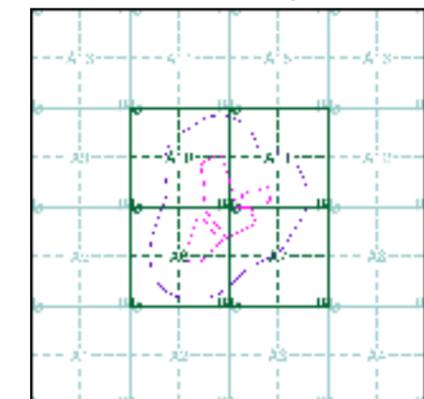
✕ Specified site    
 ✕ Specified buffer    
 ✕ File: 11\_Estimated Chromium

**Estimated Soil Chemistry Chromium**

Chromium Concentrations mg/kg



**Estimated Soil Chemistry Chromium - Slice A**

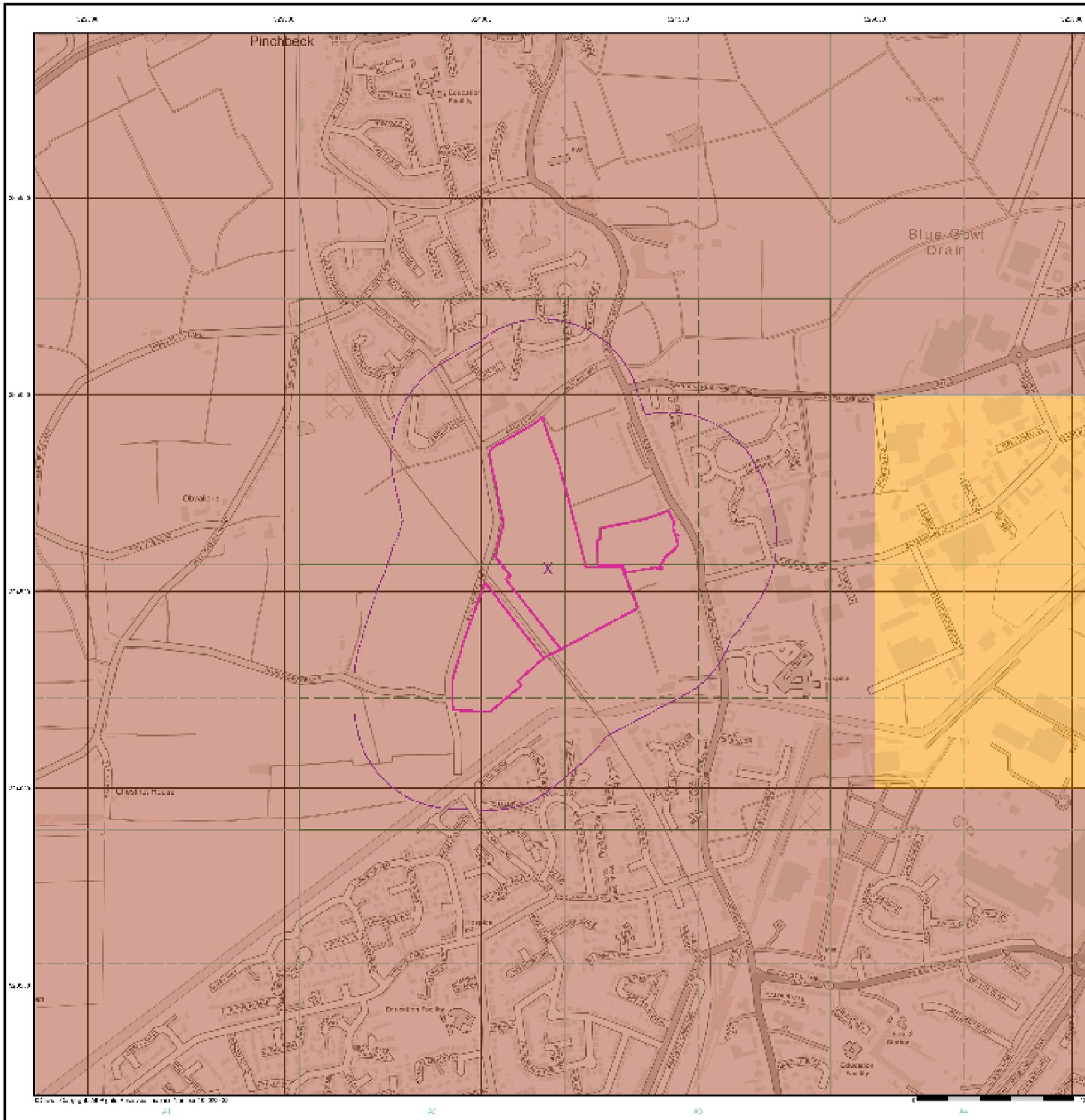


**Order Details**

Order Details: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

**Site Details**

Yews Farm, Pinchbeck, Spalding



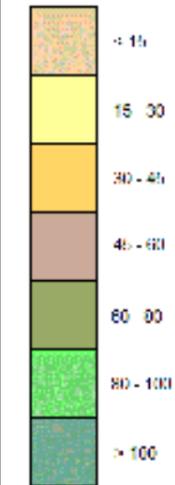


**General**

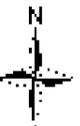
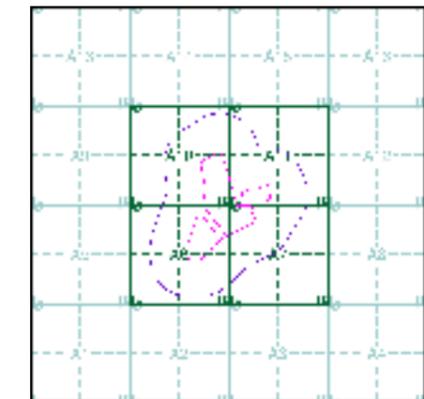
X Structure  
○ Structure Point  
X Change to structure

**Estimated Soil Chemistry Nickel**

Nickel Concentrations mg/kg



**Estimated Soil Chemistry Nickel - Slice A**

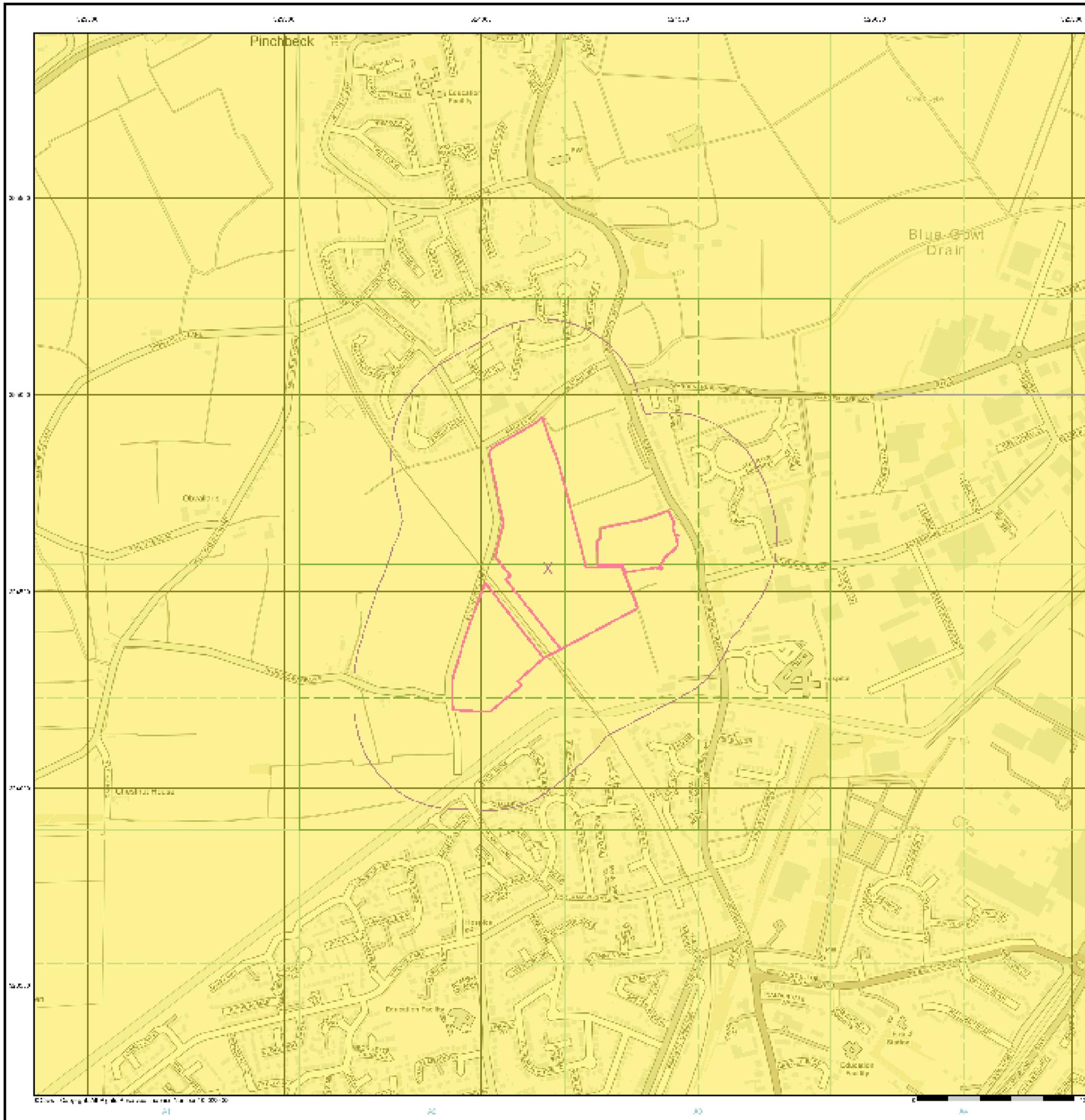


**Order Details**

Order Details: 261885339\_1\_1  
 Customer Ref: D39032  
 National Grid Reference: 524170, 324560  
 Slice: A  
 Site Area (Ha): 17.19  
 Search Buffer (m): 250

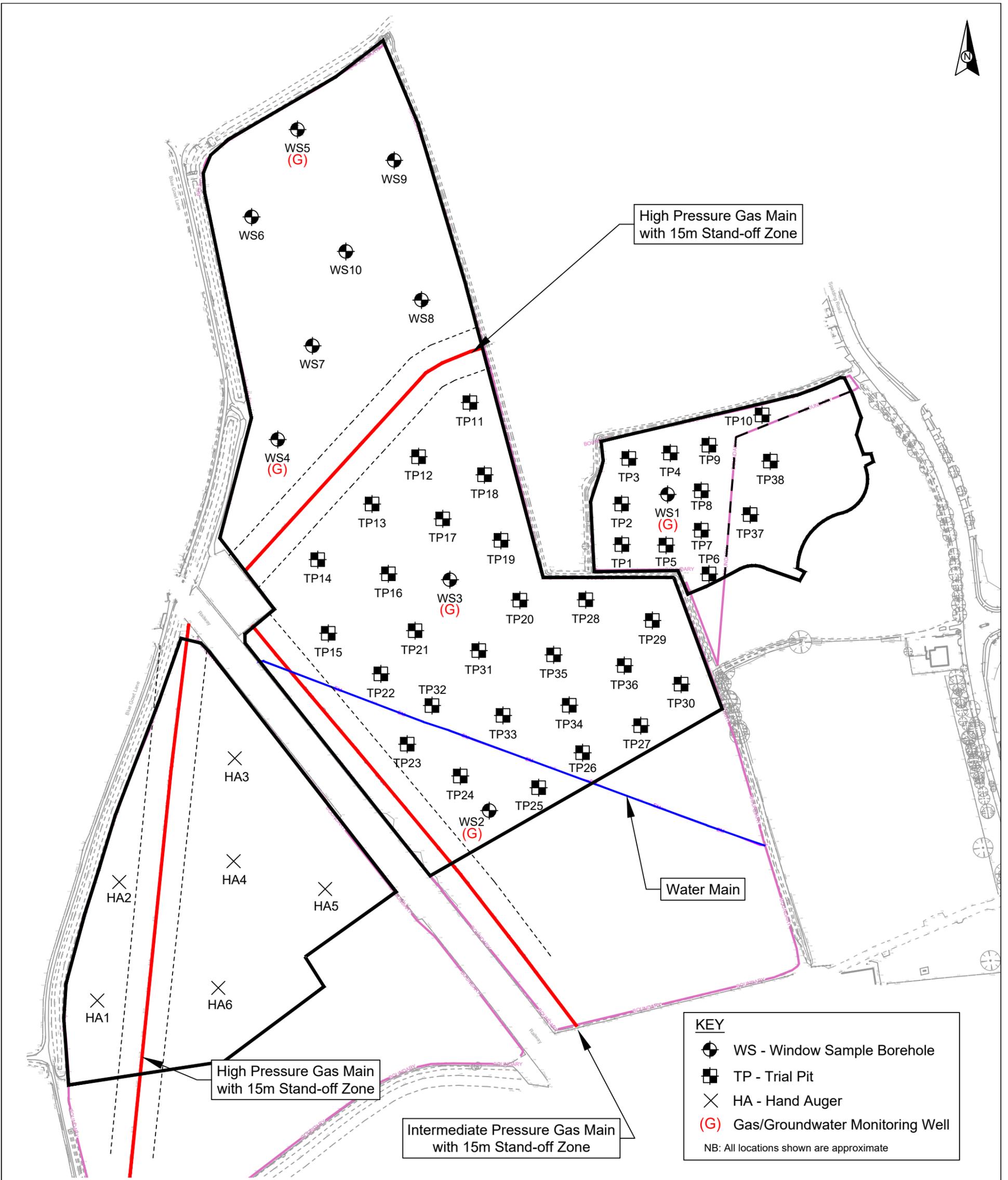
**Site Details**

Yews Farm, Pinchbeck, Spalding



**APPENDIX VIII**

**Exploratory Hole Location Plan  
(Figure No. D39032/04)**



Drawing based on Utility Survey Report by Mantra Drawing No. 1036-100 Dated: 23/07/20. Used, edited and reproduced with permission of the Client.

Project No.	D39032	Drawn By	GH
Client	Ashwood Homes	Checked By	PK
		Approved By	PK
Project	Yews Farm, Pinchbeck	Scale	NTS
		Date Drawn	05/01/2021
Title	Exploratory Hole Location Plan	Revision	
		Figure No.	D39032/04



Nottingham 0115 962 0001  
 Derby 01332 290 798  
 info@geodyne.co.uk  
 www.geodyne.co.uk

**APPENDIX IX**

**Exploratory Hole Logs  
(TP1 to TP38, WS1 to WS10, HA1 to HA6)**



9 Brunel Parkway, Pride Park, Derby DE24 8HR  
 Tel: 01332 290798  
 email: info@geodyne.co.uk

# TP1

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)		0.10	T	D			
Stiff brown mottled orange silty sandy CLAY (TIDAL FLAT DEPOSITS)		0.45					
		0.80	T	D			
		0.95	B	B	In-Situ SV	82	
		1.00				82	
Soft brown mottled grey very silty CLAY (TIDAL FLAT DEPOSITS)		1.40					
		1.60			Ex-Situ SV	16	
						18	
...becoming very soft and damp with black organic inclusions below 2.00m						19	
End of Trial Pit at 2.90m		2.90					

**Remarks:**

- 1. Sides generally stable.
- 2. Soils damp below 2.00m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      = Water Strike (m)      = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes		
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator		<b>Drawing No.</b> TP1
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25		



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# TP2

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)		0.40					
Firm locally stiff brown mottled grey silty sandy CLAY (TIDAL FLAT DEPOSITS)		0.50	T	D			
		1.00			In-Situ SV	55 58 62 75	
Soft very silty brown mottled grey CLAY (TIDAL FLAT DEPOSITS)  ...very soft, damp and grey with black organic inclusions below 1.90m		1.60	T	D			
End of Trial Pit at 2.80m		2.80					

**Remarks:**

- Sides generally stable.
- Soils damp below 1.90m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      ∇ = Water Strike (m)      ▼ = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes		
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator		<b>Drawing No.</b> TP2
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25		



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# TP3

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)		0.20	T	D			
Firm light brown slightly clayey sandy SILT (TIDAL FLAT DEPOSITS)		0.45	B	B	In-Situ SV	45	
Stiff brown slightly silty sandy CLAY (TIDAL FLAT DEPOSITS)		0.50	T	D		60	
		0.60				60	
		1.00			In-Situ SV	102	
						92	
						94	
Firm brown mottled grey very silty CLAY (TIDAL FLAT DEPOSITS)		1.40					
		1.50			Ex-Situ SV	55	
						60	
						64	
...becoming damp and soft below 1.90m							
...very soft and dark grey below 2.30m with black organic inclusions							
...becoming slightly sandy with slight water ingress below 2.80m							
End of Trial Pit at 3.10m		3.10					

**Remarks:**

- Sides generally stable.
- Soils damp below 1.90m with a slight water ingress below 2.80m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      = Water Strike (m)      = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes		
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator		<b>Drawing No.</b> TP3
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25		



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# TP4

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)							
Firm brown slightly sandy slightly clayey SILT (TIDAL FLAT DEPOSITS)		0.35 - 0.85	LB	LB	In-Situ SV	100 114 128	
Stiff brown slightly silty sandy CLAY (TIDAL FLAT DEPOSITS)		0.35 0.50					
...becoming firm with depth		1.00 1.10	T	D			
Soft brown very silty CLAY (TIDAL FLAT DEPOSITS)		1.50 1.60			Ex-Situ SV	65 68 70	
...becoming damp below 2.00m							
...becoming dark grey with black organic matter below 2.30m							
End of Trial Pit at 3.00m		3.00					

**Remarks:**

- 1. Sides generally stable.
- 2. Soils damp below 2.00m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      ∇ = Water Strike (m)      ▼ = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes		
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator		<b>Drawing No.</b> TP4
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25		



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# TP5

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)							
Stiff brown mottled orange slightly silty sandy CLAY (TIDAL FLAT DEPOSITS)		0.40	B	B	In-Situ SV	100	
		0.45	T	D		105	
		0.50				120	
		0.60					
		1.00			In-Situ SV	80	
						80	
						80	
Soft brown very silty CLAY (TIDAL FLAT DEPOSITS)		1.75	T	D	Ex-Situ SV	20	
...becoming damp and slightly sandy below 2.00m		1.80					
						25	
...becoming dark brown to grey below 2.80m with black organic inclusions		2.90					
End of Trial Pit at 2.90m							

**Remarks:**

- Sides generally stable.
- Soils damp below 2.00m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      ∇ = Water Strike (m)      ▼ = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes		
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator	<b>Drawing No.</b> TP5	
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25		



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# TP6

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)		0.20	T	D			
Very stiff brown mottled orange slightly silty sandy CLAY (TIDAL FLAT DEPOSITS)		0.30					
...becoming stiff with depth		0.80	T	D	In-Situ SV	110 90 90	
		1.30			Ex-Situ SV	75 85 90	
Soft damp brown very silty CLAY (TIDAL FLAT DEPOSITS)		1.70					
...becoming damp below 2.00m		2.00			Ex-Situ SV	25 32 35	
...becoming wet and grey with black organic matter below 2.60m		3.10					
End of Trial Pit at 3.10m							

**Remarks:**

- Sides generally stable.
- Soils damp below 2.00m with a slight water ingress below 2.60m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      = Water Strike (m)      = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes	
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator	<b>Drawing No.</b> TP6
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25	



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# TP7

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)							
Stiff brown mottled orange slightly silty CLAY (TIDAL FLAT DEPOSITS) ...terracotta land drain at 0.55m		0.40 0.50			In-Situ SV	75 75 95	
...becoming firm to stiff with depth		0.90 1.10	T	D	Ex-Situ SV	75 75 85	
...becoming firm with depth		1.50 1.60			Ex-Situ SV	65 65 75	
Soft damp brown very silty CLAY (TIDAL FLAT DEPOSITS)							
...becoming wet and dark grey with rare black organic inclusions below 2.50m		2.50	T	D			
End of Trial Pit at 2.80m		2.80					

**Remarks:**

- Sides generally stable.
- Soils damp below 1.60m with a slight water ingress below 2.50m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      = Water Strike (m)      = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes		
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator		<b>Drawing No.</b> TP7
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25		



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# TP8

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)		0.20	T	D			
Firm orange slightly sandy slightly clayey SILT (TIDAL FLAT DEPOSITS)		0.35					
Stiff brown slightly silty sandy CLAY (TIDAL FLAT DEPOSITS)		0.50			In-Situ SV	104	
		0.60	B	B		109	
						99	
...becoming firm to stiff with depth		1.00			In-Situ SV	70	
		1.30	T	D		70	
						80	
...becoming firm with depth		1.50			Ex-Situ SV	60	
						60	
						65	
Firm damp brown mottled grey very silty CLAY (TIDAL FLAT DEPOSITS)		2.00					
		2.50			Ex-Situ SV	35	
						36	
...becoming soft and wet below 2.70m						40	
End of Trial Pit at 2.90m		2.90					

**Remarks:**

- Sides generally stable.
- Soils damp below 2.00m with a slight water ingress below 2.70m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      = Water Strike (m)      = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes		
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator		<b>Drawing No.</b> TP8
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25		



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# TP9

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)		0.10	T	D			
Firm orange brown clayey sandy SILT (TIDAL FLAT DEPOSITS)		0.20					
Firm locally stiff brown slightly silty CLAY (TIDAL FLAT DEPOSITS)		0.40	B	B	In-Situ SV	40	
		0.50				40	
		0.80	T	D			
		0.95			In-Situ SV	65	
...becoming firm with depth						70	
						80	
Soft damp brown mottled grey CLAY (TIDAL FLAT DEPOSITS)		1.50					
...becoming dark grey and wet with black organic matter below 2.20m		2.00			Ex-Situ SV	28	
						30	
						30	
End of Trial Pit at 3.00m		3.00					

**Remarks:**

- Sides generally stable.
- Soils damp below 1.50m with a slight water ingress encountered below 2.20m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      = Water Strike (m)      = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes		
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator		<b>Drawing No.</b> TP9
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25		



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# TP10

Project No: D39032

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grass over brown silty clayey topsoil (DISTURBED TOPSOIL)		0.45					
Stiff brown mottled orange slightly silty slightly sandy CLAY (TIDAL FLAT DEPOSITS)		0.85	T	D	In-Situ SV	100 115 85	
...becoming firm to stiff with depth		1.50 1.60	T	D	Ex-Situ SV	60 65 75	
Soft damp brown mottled grey very silty CLAY with rare black organic matter (TIDAL FLAT DEPOSITS)		2.30					
End of Trial Pit at 3.00m		3.00					

**Remarks:**

- 1. Sides generally stable.
- 2. Soils damp below 2.30m.

Key: B = Bulk Sample      D = Disturbed Sample      W = Water Sample      SV = Shear Vane (kN/m<sup>2</sup>)      P = Penetrometer (kN/m<sup>2</sup>)  
 J = Jar Sample      V = Vial Sample      ∇ = Water Strike (m)      ▼ = Steady Water Level (m)

<b>Project:</b> Yews Farm, Pinchbeck			<b>Client:</b> Ashwood Homes	
<b>Logged:</b> GH	<b>Checked:</b> PK	<b>Field Book Ref:</b> GH20/01	<b>Plant:</b> Tracked Excavator	
<b>Date:</b> 23/11/2020	<b>Approved:</b> PK		<b>Scale:</b> 1:25	
			<b>Drawing No.</b> TP10	