



Plate 35: View looking south-west, taken from western area of the site. Building 18, cold stores.



Plate 36: View looking south-east, taken from western area of the site. Drainage ditch.



Plate 37: View looking south-west, taken from south-western area of the site. Building 43, former main production warehouse and concrete surfaced turning circle.



Plate 38: View looking south, taken from south-western area of the site. Rear elevation of building 43, former main production warehouse. Showing retaining wall and soft landscaping.



Plate 39: View looking east, taken from western area of the site. Soft landscaping to the north of Building 43.



Plate 40: View looking south, taken from south-western area of the site. Building 16, former QC testing laboratories and offices.



Plate 41: View looking south, taken from south-western area of the site. Cold storage building.



Plate 42: View looking east, taken from south-western area of the site. Empty yellow chemical waste bins.

Appendix 3 Zetica Bomb map and BGS Boreholes

UNEXPLODED BOMB RISK MAP



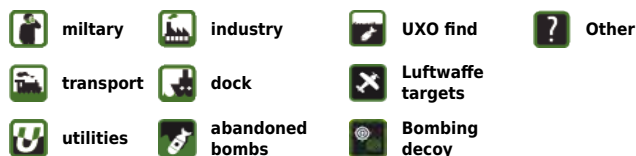
SITE LOCATION

Location: UB9 6LS,
Map Centre: 507299,187261



LEGEND

London Bomb Risk



How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment* is necessary.

Relative UXB risk across London

The relative risk for the London area is established by plotting the recorded bombing densities.

These are represented as counts of high explosive bombs in km2 area. The areas coloured green represent a record of less than 10 bombs per km2.

Compared to other areas of the UK, this still represents a significant density. However, this is much lower than parts of Central London, where the red colouration indicates in excess of 150 bombs falling per km2, representing a very significant bombing density.

What do I do if my site is in a moderate or high density area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites with a moderate or high bombing density.

Similarly, if your site is near to a designated Luftwaffe target or bombing decoy then additional detailed research is recommended.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

If I have any questions, who do I contact?

tel: +44 (0) 1993 886682
email: uxo@zetica.com
web: www.zeticauxo.com

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (<https://zeticauxo.com/downloads-and-resources/risk-maps/>)

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

On Site BGS Borehole Records





TQ08NE183

LOCATION: Breakspear Road, Harefield		BOREHOLE No: Three		DATE OF BORING: 18-19.12.1990			
Description of Strata	Strata Change			Samples		SPT CPT N-Value	Water Level -m
	Legend	Depth -m	O.D. Level -m	Depth -m	Type		
TOPSOIL							
MADE GROUND Stiff, mid to orange brown mottled grey brown silty CLAY with red brick, rootlets and angular flint gravel.		1.00		0.50	J	11	
LONDON CLAY Stiff to very stiff, grey brown mottled orange brown slightly fissured very silty CLAY. Gypsum crystals in places. - with occasional orange brown silt pockets below 2.50m.		2.00		1.50	U100	(30)	
				2.00	J		
				2.50	J	11	
				3.00	J		
				3.50	U100	(33)	
				4.00	J		
				4.50	J	14	
- becoming mid brown mottled mid grey below 4.50m with abundant gypsum crystals. Occasional black decayed organic patches at 4.50m.				5.00	J		
- silty fine sand pockets below 5.00m.				5.50	U100	(51)	
- occasionally sandy.				6.00	J		
- light brown moderately weak claystone at 6.70 to 7.00m.				6.50	J	903*	
				7.00	J		
Firm, brown slightly fine sandy slightly clayey SILT.		8.00		7.50	U100	(45)	
				8.00	B		
WOOLWICH AND READING BEDS Very stiff, grey mottled orange brown fissured silty CLAY with fine limestone gravel to 10.00m.		9.00		9.00	J	28	
				10.00	U100/J	(61)#	
BOREHOLE DIAMETER: 150mm		GROUND LEVEL:		- Water Strike - Water (Standing Level) W - Water Sample B/J - Bulk/Jar Sample SPT - Standard Penetration Test CPT - Cone Penetration Test * - extrapolated value (U) - Undisturbed sample no. of blows shown in brackets			
LINING TUBES : 150mm to 1.50m		PIEZOMETER :					
CHISELLING :							
REMARKS : Borehole drilled from existing ground level							
DATE December 1990	BOREHOLE LOG					REPORT No. S.1498	

LOCATION: Breakspear Road, Harefield			BOREHOLE No: Three				
			DATE OF BORING: 18-19.12.1990				
Description of Strata	Strata Change			Samples		SPT CPT N-Value	Water Level -m
	Legend	Depth -m	O.D. Level -m	Depth -m	Type		
WOOLWICH AND READING BEDS - very stiff to hard, grey orange brown purple mottled. - mottled red brown, with sand pockets. - occasional grey silt patches.		10.50 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.00 19.00 20.00		10.50 11.00 12.00 13.00 13.50 14.00 15.00	J J J J U100 J J	47 (80)# 60	
<div style="display: flex; justify-content: space-between;"> <div> BOREHOLE DIAMETER: 150mm LINING TUBES : 150mm to 1.50m CHISELLING : REMARKS : Borehole drilled from existing ground level </div> <div> GROUND LEVEL: PIEZOMETER : </div> <div> <ul style="list-style-type: none"> - Water Strike - Water (Standing Level) - Water Sample - Bulk/Jar Sample - Standard Penetration Test - Cone Penetration Test - extrapolated value - Undisturbed sample </div> </div>							
DATE December 1990	BOREHOLE LOG					REPORT No. S.1498	

TQ08NE181

LOCATION: Breakspear Road, Harefield		BOREHOLE No: One					
		DATE OF BORING: 12-14.12.1990					
Description of Strata	Strata Change			Samples		SPT CPT N-Value	Water Level -m
	Legend	Depth -m	O.D. Level -m	Depth -m	Type		
TOPSOIL Dark brown slightly clayey SILT with abundant roots and occasional fine gravel.				0.50	B		
LONDON CLAY Stiff to very stiff, dark brown slightly silty CLAY. Occasional orange brown mudstone gravel and rootlets to 2.00m. - firm at 2.00m. - becoming mottled grey and fissured with gypsum crystals, sometimes in pockets and occasional orange brown silt patches - occasional black carbonaceous patches at 4.50m. - becoming dark grey below 7.50m. - shell debris at 8.00m. - some fossilised roots. at 9.50m.		1.00		1.00	J	13	
				1.50	J		
		2.00		2.00	U100	(41)	
				2.50	J		
		3.00		3.00	J	12	
				3.50	J		
		4.00		4.00	U100	(53)	
				4.50	J		
		5.00		5.00	J	24	
				5.50	J		
		6.00		6.00	U100	(55)	
				6.50	J		
		7.00		7.00	J		
				7.50	J	22	
		8.00		8.00	J		
			8.30	U100	(55)		
			8.80	J			
	9.00		9.00	U100/J	(58)		
			9.50	J			
	10.00		10.00	J			
BOREHOLE DIAMETER: 150mm		GROUND LEVEL: 57.30m		▽ - Water Strike			
LINING TUBES : 150mm to 1.50m		PIEZOMETER :		▮ - Water (Standing Level)			
CHISELLING :				W - Water Sample			
				B/J - Bulk/Jar Sample			
				SPT - Standard Penetration Test			
				CPT - Cone Penetration Test			
				* - extrapolated value			
REMARKS : Borehole drilled from existing ground level				(U) - Undisturbed sample			
				no. of blows shown in brackets			
DATE		BOREHOLE LOG		REPORT No.			
December 1990				S.1498			

LOCATION: Breakspear Road, Harefield				BOREHOLE No: One DATE OF BORING: 12-14.12.1990			
Description of Strata	Strata Change		Samples		SPT CPT N-Value	Water Level -m	
	Legend	Depth -m	O.D. Level -m	Depth -m	Type		
LONDON CLAY (Continued)... - becoming very silty below 11.00m.		10.50 11.00 12.00	10.50 11.00 12.00	J J U100/B	31 (50)		
Firm to stiff, dark grey slightly clayey fine sandy SILT/very silty fine SAND with abundant shells.		12.50 13.00	12.50 13.00	B U100	(49)		
WOOLWICH AND READING BEDS Very stiff to hard, light grey mottled mid brown and red purple, silty CLAY with occasional fine limestone gravel and white silt patches.		13.50 14.00 15.00 15.50	13.50 14.00 15.00 15.50	J J U100/J J	50 (61)		
		16.00 17.00 18.00 19.00 20.00					
BOREHOLE DIAMETER: 150mm LINING TUBES : 150mm to 1.50m CHISELLING : REMARKS : Borehole drilled from existing ground level				GROUND LEVEL: 57.30m PIEZOMETER : ▽ - Water Strike ▽ - Water (Standing Level) W - Water Sample B/J - Bulk/Jar Sample SPT - Standard Penetration Test CPT - Cone Penetration Test * - extrapolated value (U) - Undisturbed sample no. of blows shown in brackets			
DATE December 1990	BOREHOLE LOG				REPORT No. S.1498		

T R I A L P I T T W O

Depth -m

Strata Description

MADE GROUND

G.L. - 0.13

Concrete SLAB with mesh reinforcement.

0.13 - 0.65

BRICKS and brown SAND and GRAVEL.

LONDON CLAY

0.65 - 1.30

Firm mid brown mottled light grey
fissured slightly silty CLAY.
Occasional rounded flint gravel and
a trace of decayed rootlets to
1.00m.

Remarks

1. Trial pit dug by hand on 10/11th December, 1990.
2. Trial pit dimensions 0.50 x 1.10 x 1.30m deep.
3. Sides stable.
4. Water seepage at top of concrete foundation. Water level at 0.84m depth on 12th December, 1990.
5. Water sample taken.
6. Disturbed sample taken at 1.10m depth.
7. Vane tests.

Depth
-mReadings
kN/m²Average Shear Strength
kN/m²

1.10

52 52 50 52 52 54

52

8. Traces of black sludge on top of concrete foundation and water smelt of sewage.

Date .
December 1990

T R I A L P I T L O G

Report No.
S.1498

TYRONE

T R I A L P I T F O U R

Depth -m

Strata Description

G.L. - 0.40

TOPSOIL

Brown silty CLAY with some flint
gravel and roots.

0.40 - 1.15

LONDON CLAY

Stiff to 0.70m depth, then firm, grey
and brown silty CLAY with
occasional gravel.

Remarks

1. Trial pit dug by hand on 10/11th December, 1990.
2. Trial pit dimensions 0.60 x 0.70 x 1.15m deep.
3. Sides stable.
4. No groundwater encountered.
5. Disturbed samples taken at 0.80 and 1.10m depths.
6. Vane tests.

Depth -m	Readings kN/m ²			Average Shear Strength kN/m ²
1.10	66	66	70	67
below foundation				

Date .
December 1990

T R I A L P I T L O G

TYRONE

Report No.
S.1498

Appendix 4 Historic Ordnance Survey Plans

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

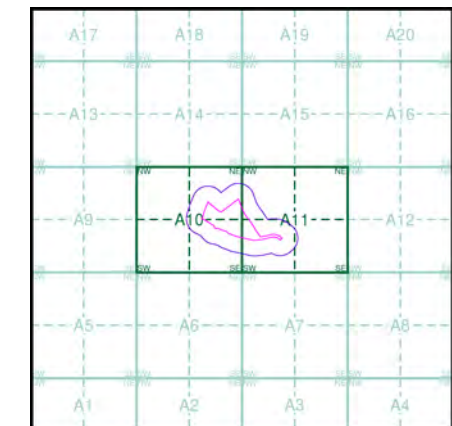
	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road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

1:10,000 Raster Mapping

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

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868	3
Buckinghamshire	1:10,560	1881 - 1883	4
Middlesex	1:10,560	1897	5
Buckinghamshire	1:10,560	1900	6
Middlesex	1:10,560	1916 - 1920	7
Hertfordshire	1:10,560	1916	8
Middlesex	1:10,560	1916 - 1920	9
Buckinghamshire	1:10,560	1932	10
Hertfordshire	1:10,560	1934	11
Middlesex	1:10,560	1935	12
Middlesex	1:10,560	1935	13
Middlesex	1:10,560	1938	14
Middlesex	1:10,560	1938	15
Historical Aerial Photography	1:10,560	1948	16
Hertfordshire	1:10,560	1950	17
Ordnance Survey Plan	1:10,000	1960	18
Ordnance Survey Plan	1:10,000	1968	19
Ordnance Survey Plan	1:10,000	1975	20
London	1:25,000	1985	21
Ordnance Survey Plan	1:10,000	1989	22
10K Raster Mapping	1:10,000	1999	23
10K Raster Mapping	1:10,000	2006	24
VectorMap Local	1:10,000	2021	25

Historical Map - Slice A



Order Details

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Search Buffer (m): 1000

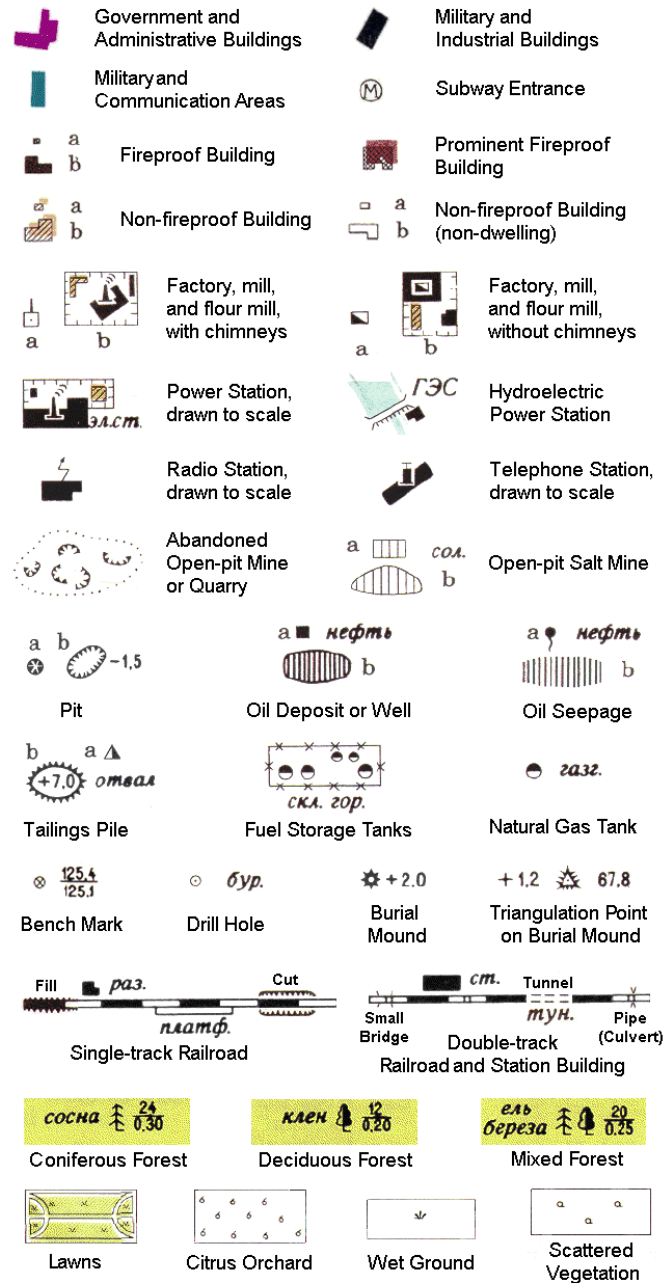
Site Details

M S D Animal Health, Breakspear Road South, Harefield, UXBRIDGE, UB9 6LS

Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale



243.8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0.2 Velocity of the current, width of river bed, depth of river

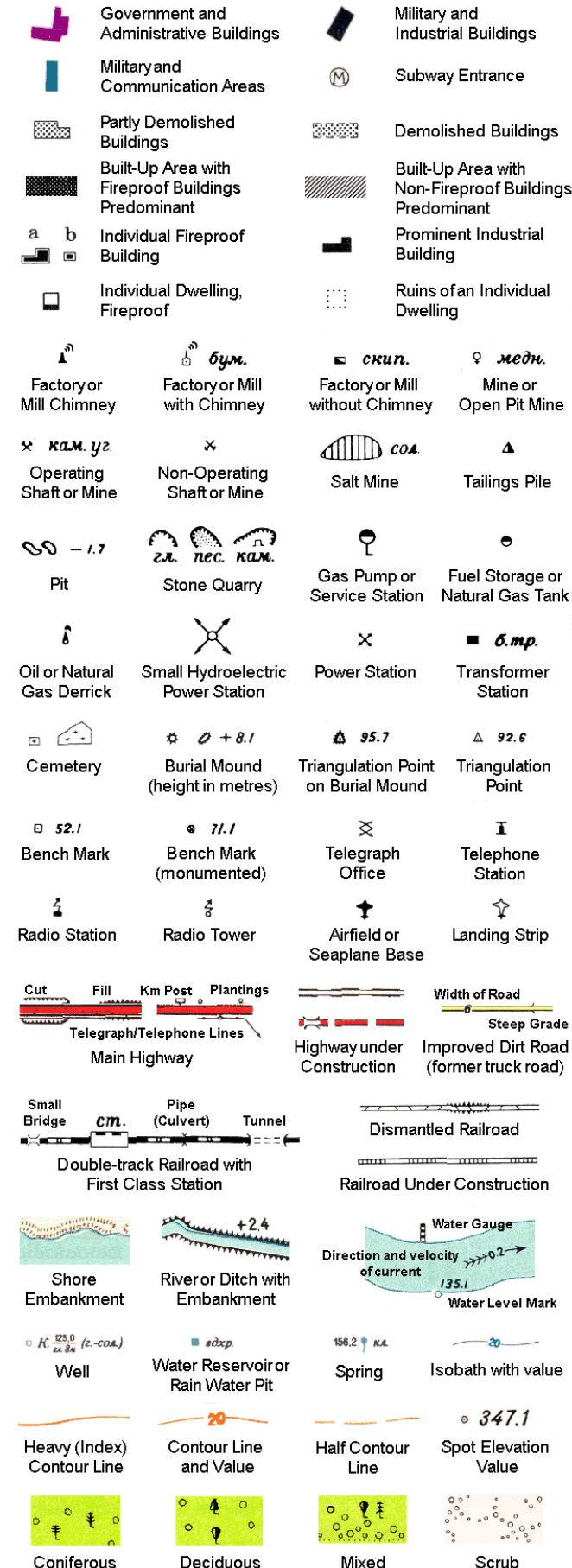
180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale



Key to Numbers on Mapping

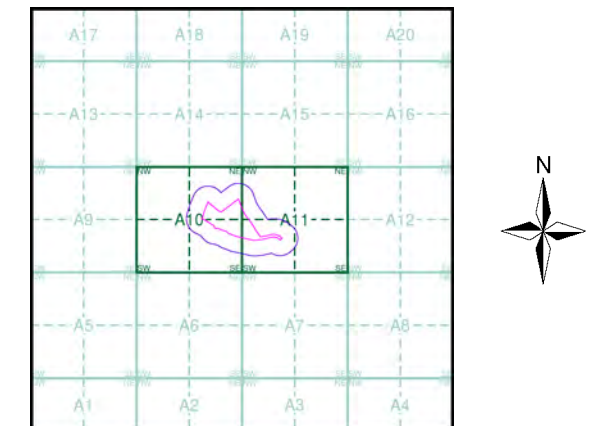


GEO-ENVIRONMENTAL & MINERALS

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868	3
Buckinghamshire	1:10,560	1881 - 1883	4
Middlesex	1:10,560	1897	5
Buckinghamshire	1:10,560	1900	6
Middlesex	1:10,560	1916 - 1920	7
Hertfordshire	1:10,560	1916	8
Middlesex	1:10,560	1916 - 1920	9
Buckinghamshire	1:10,560	1932	10
Hertfordshire	1:10,560	1934	11
Middlesex	1:10,560	1935	12
Middlesex	1:10,560	1935	13
Middlesex	1:10,560	1938	14
Middlesex	1:10,560	1938	15
Historical Aerial Photography	1:10,560	1948	16
Hertfordshire	1:10,560	1950	17
Ordnance Survey Plan	1:10,000	1960	18
Ordnance Survey Plan	1:10,000	1968	19
Ordnance Survey Plan	1:10,000	1975	20
London	1:25,000	1985	21
Ordnance Survey Plan	1:10,000	1989	22
10K Raster Mapping	1:10,000	1999	23
10K Raster Mapping	1:10,000	2006	24
VectorMap Local	1:10,000	2021	25

Russian Map - Slice A



Order Details

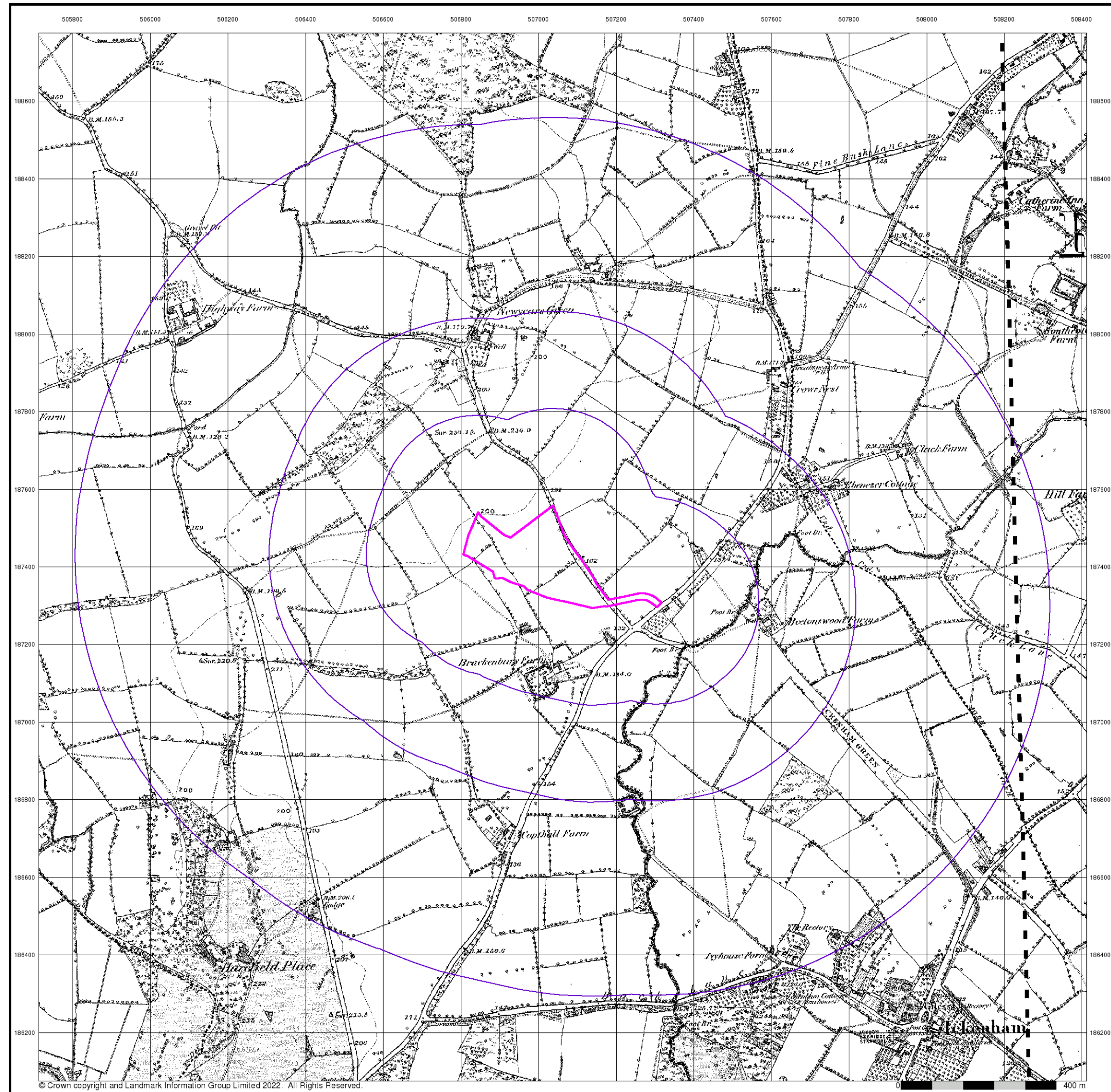
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 Slice: A
 Site Area (Ha): 5.17
 Search Buffer (m): 1000


Site Details

M S D Animal Health, Breakspear Road South, Harefield, UXBRIDGE, UB9 6LS



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





GEO-ENVIRONMENTAL & MINERALS

Middlesex

Published 1868


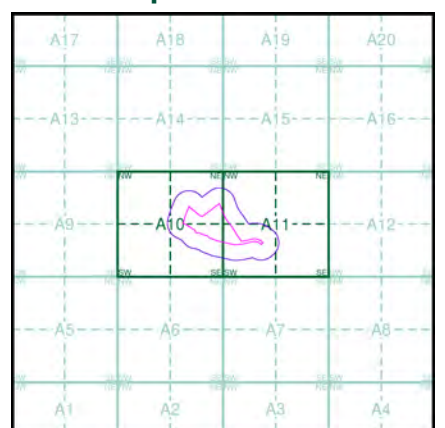
Source map scale - 1:10,560

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)

00900 1868 1:10,560	01000 1868 1:10,560
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Historical Map - Slice A




Order Details

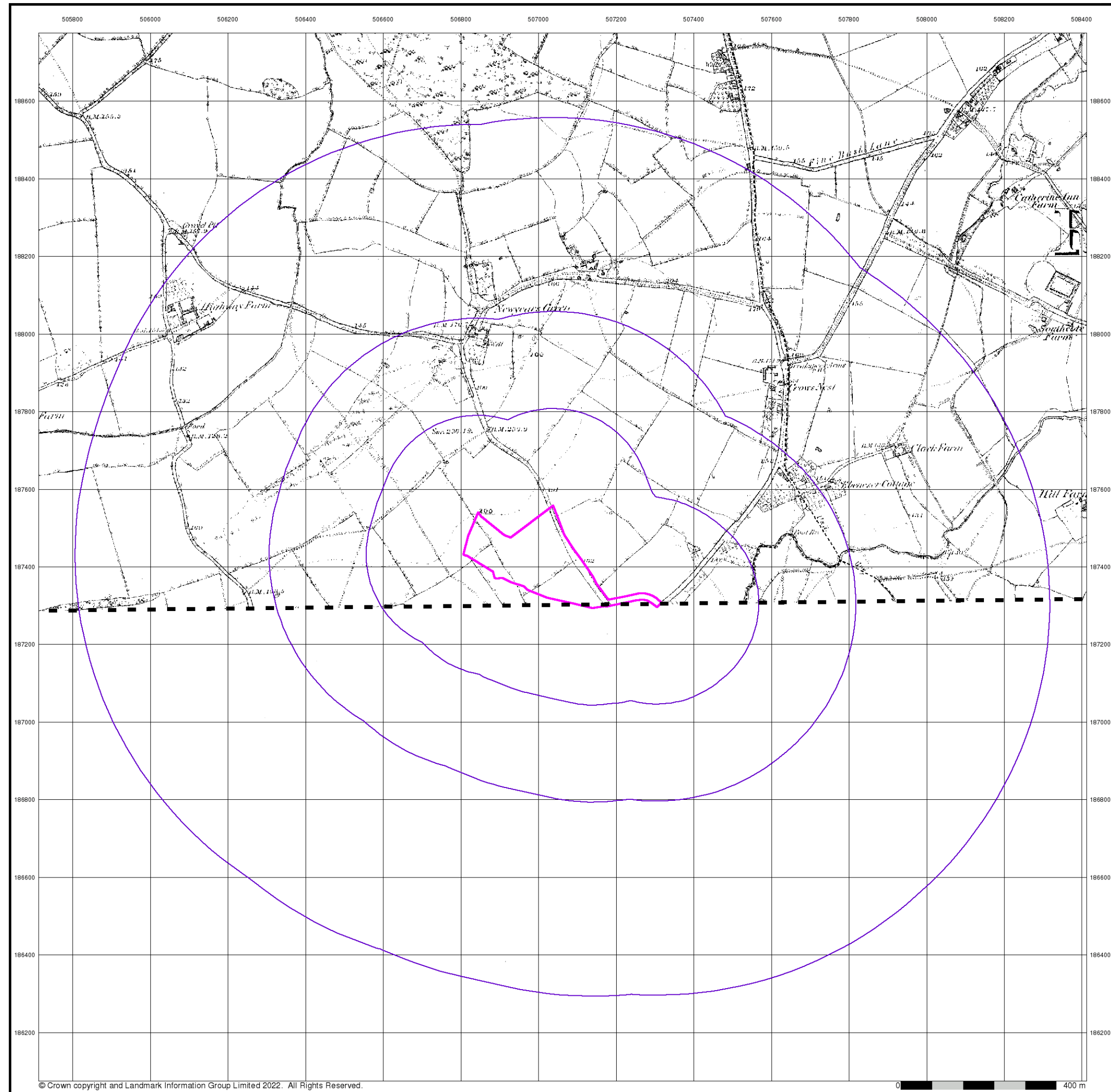
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Customer Ref:	WB307
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Slice:	A
Site Area (Ha):	5.17
Search Buffer (m):	1000

Site Details

M S D Animal Health, Breakspear Road South, Harefield, UXBRIDGE, UB9 6LS



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GEO-ENVIRONMENTAL & MINERALS

Buckinghamshire

Published 1881 - 1883

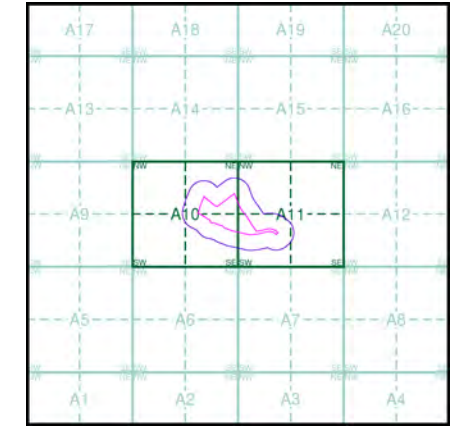
Source map scale - 1:10,560

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)

04900
1883
1:10,560
05400
1881
1:10,560

Historical Map - Slice A



Order Details

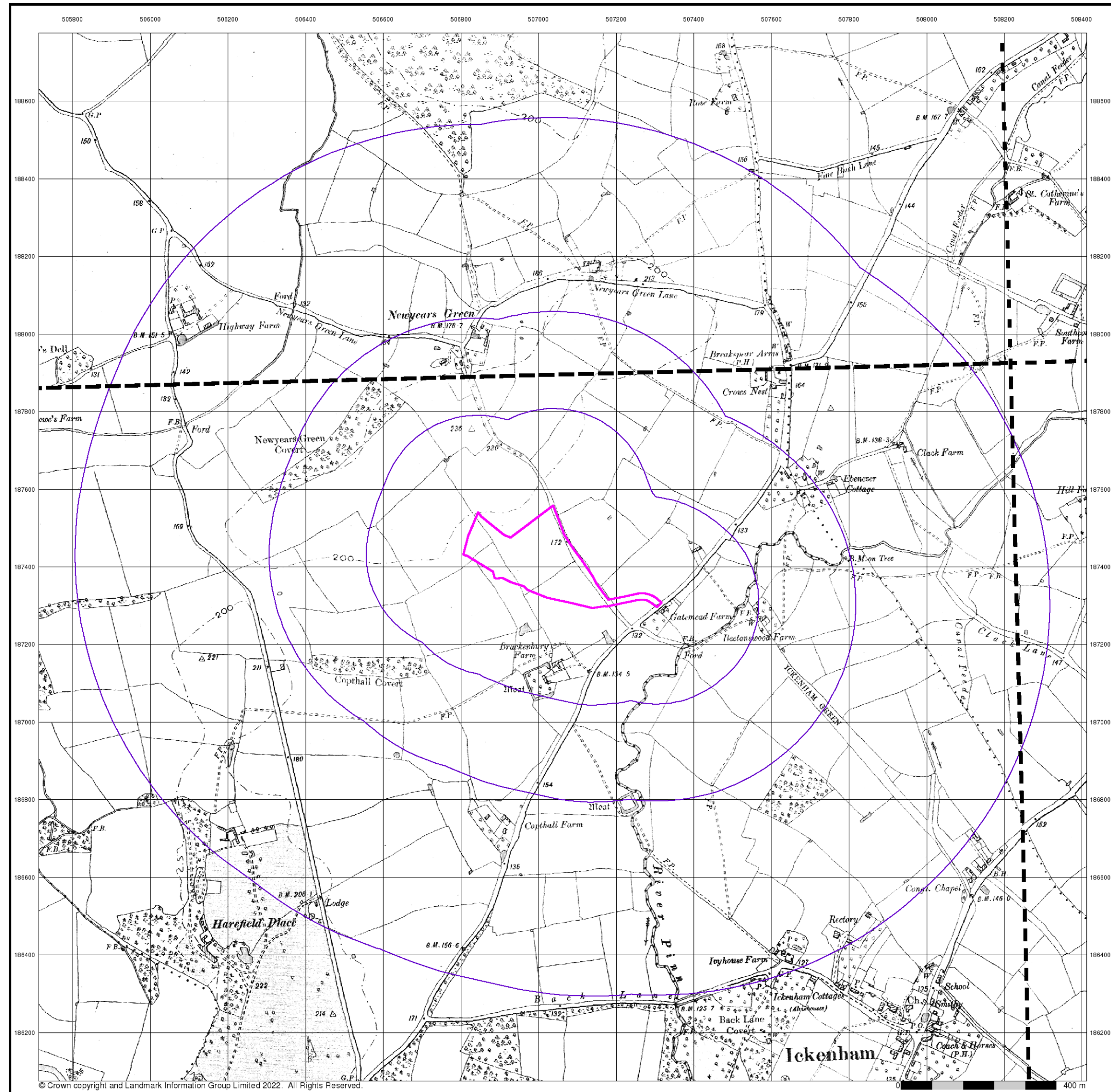
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Slice: A
Site Area (Ha): 5.17
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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



GEO-ENVIRONMENTAL & MINERALS

Middlesex

Published 1897

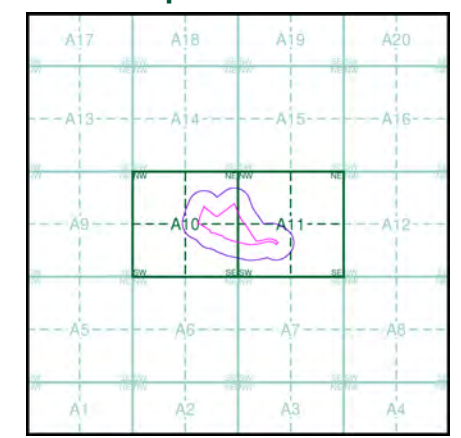
Source map scale - 1:10,560

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)

009NE 1897 1:10,560	010NW 1897 1:10,560
009SE 1897 1:10,560	010SW 1897 1:10,560

Historical Map - Slice A



Order Details

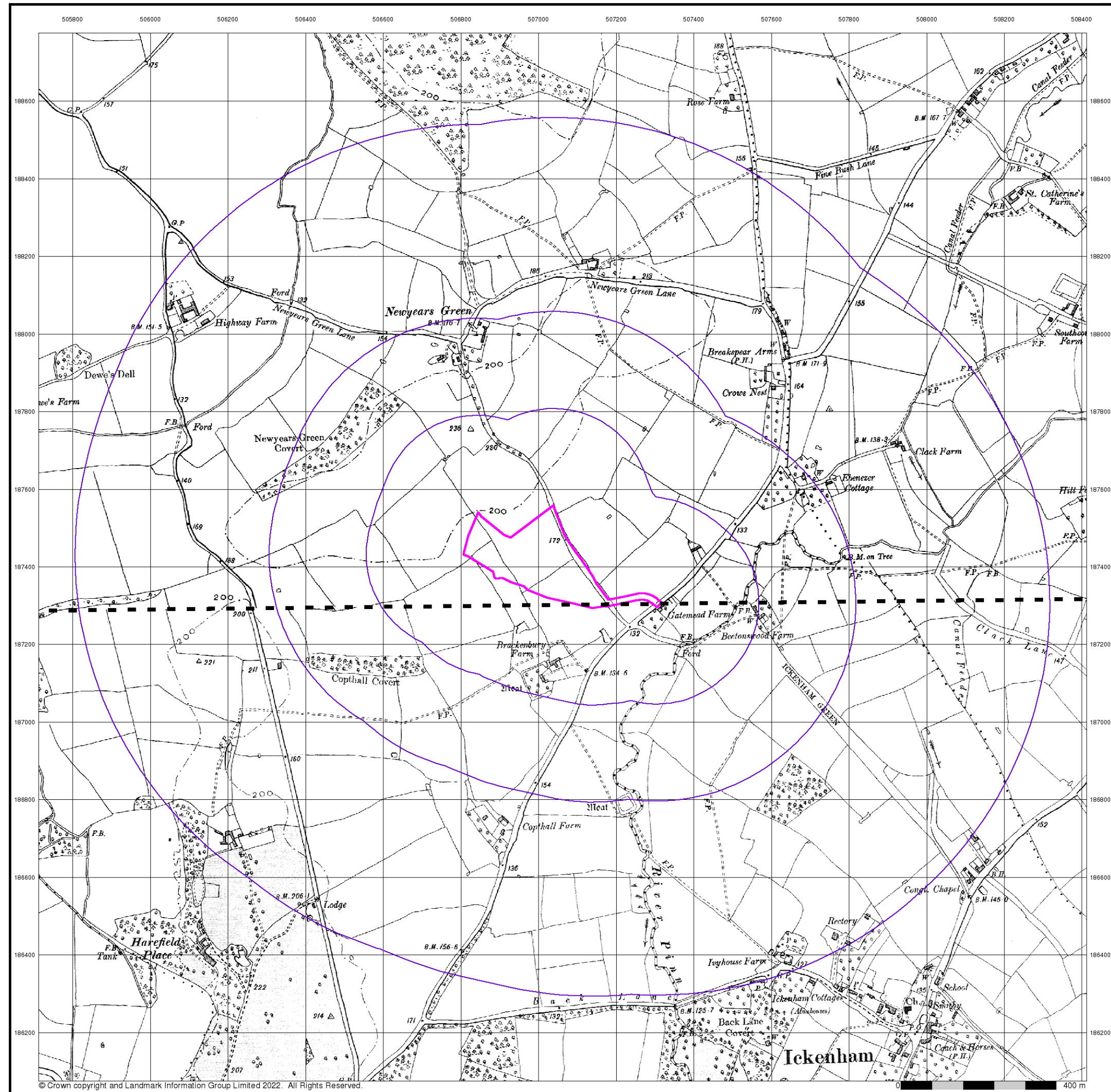
Order Number: 292242936_1_1
Customer Ref: WB307
National Grid Reference: 507060, 187410
Slice: A
Site Area (Ha): 5.17
Search Buffer (m): 1000

Site Details

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GEO-ENVIRONMENTAL & MINERALS

Buckinghamshire

Published 1900

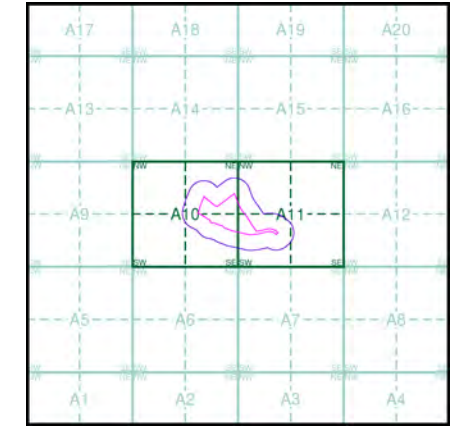
Source map scale - 1:10,560

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)

049SW
1900
1:10,560
054NW
1900
1:10,560

Historical Map - Slice A



Order Details

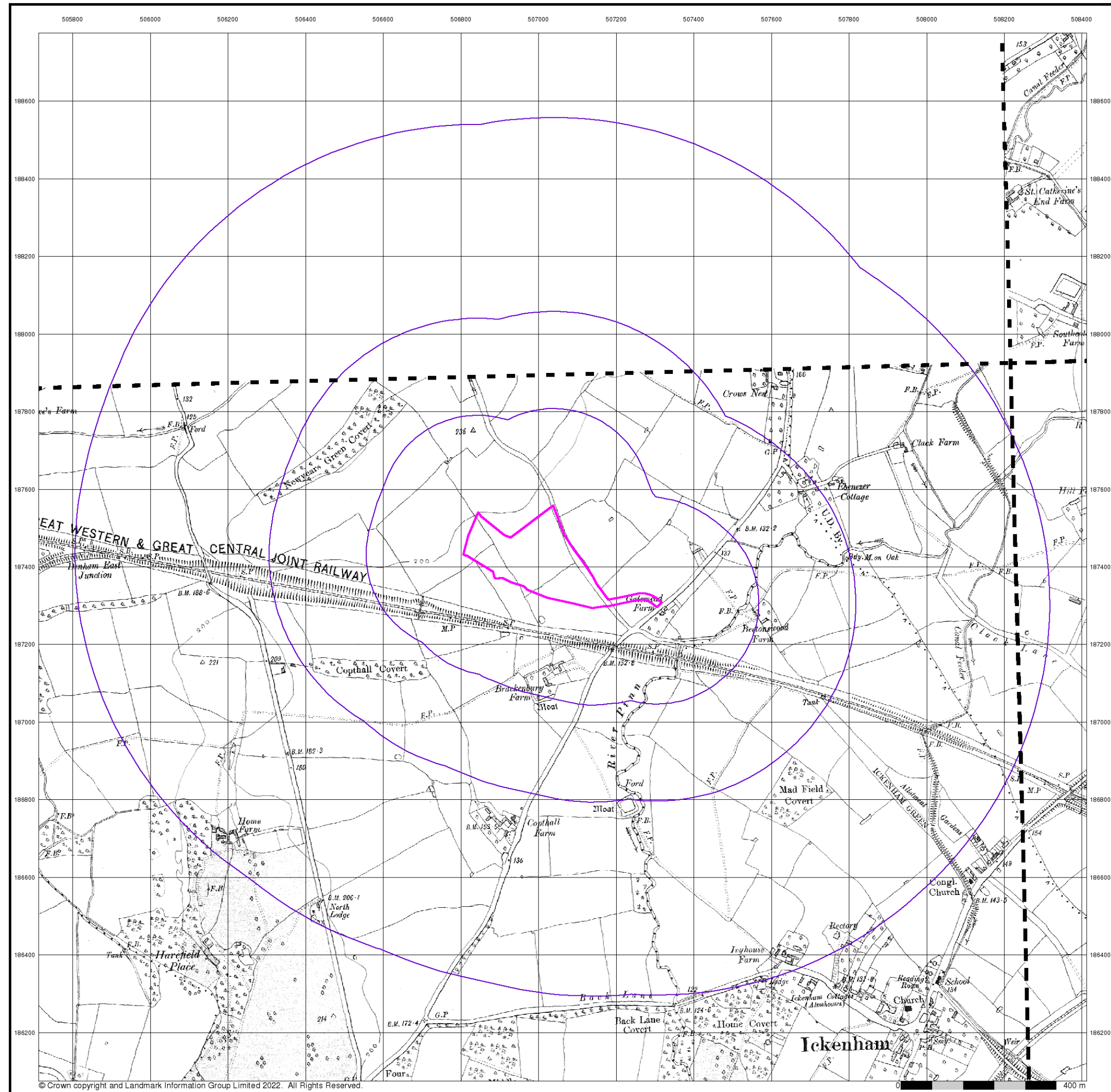
Order Number:	292242936_1_1
Customer Ref:	WB307
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Slice:	A
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Search Buffer (m):	1000

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GEO-ENVIRONMENTAL & MINERALS

Middlesex

Published 1916 - 1920

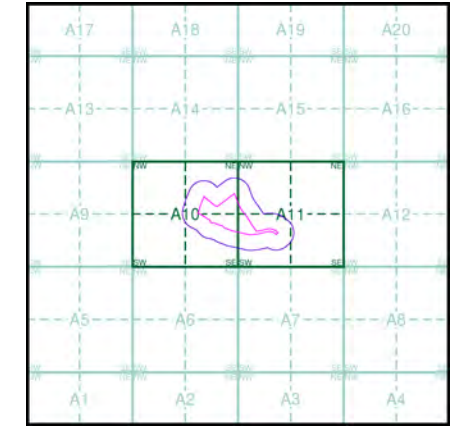
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

009SE	010NW
1920	1916
1:10,560	1:10,560

Historical Map - Slice A



Order Details

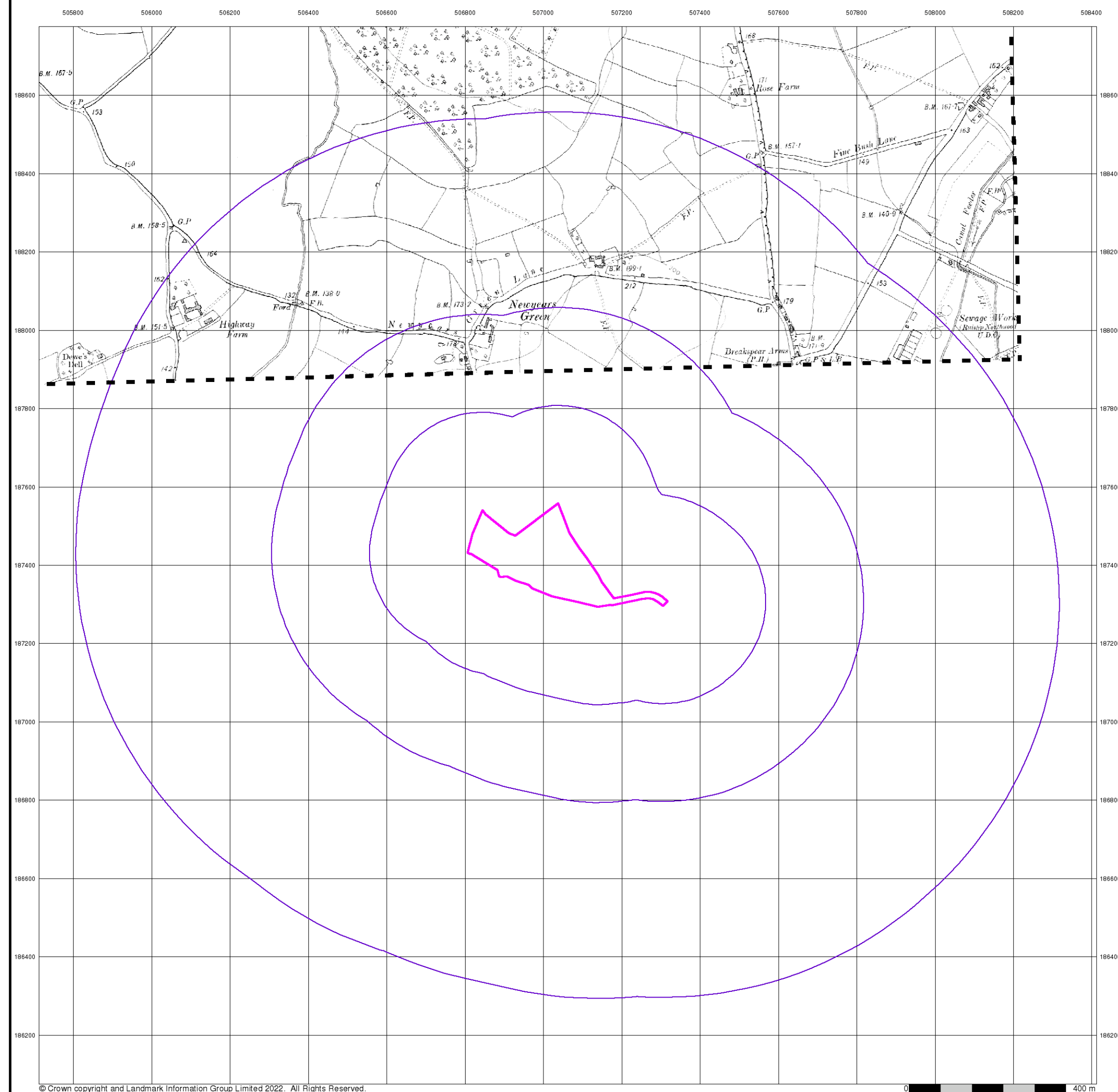
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Search Buffer (m): 1000

Site Details

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GEO-ENVIRONMENTAL & MINERALS

Hertfordshire

Published 1916

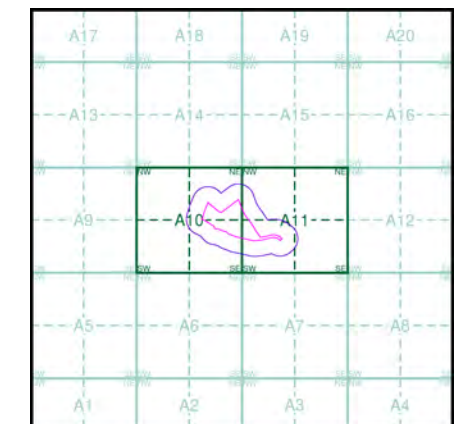
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

047NE
1916
1:10,560

Historical Map - Slice A



Order Details

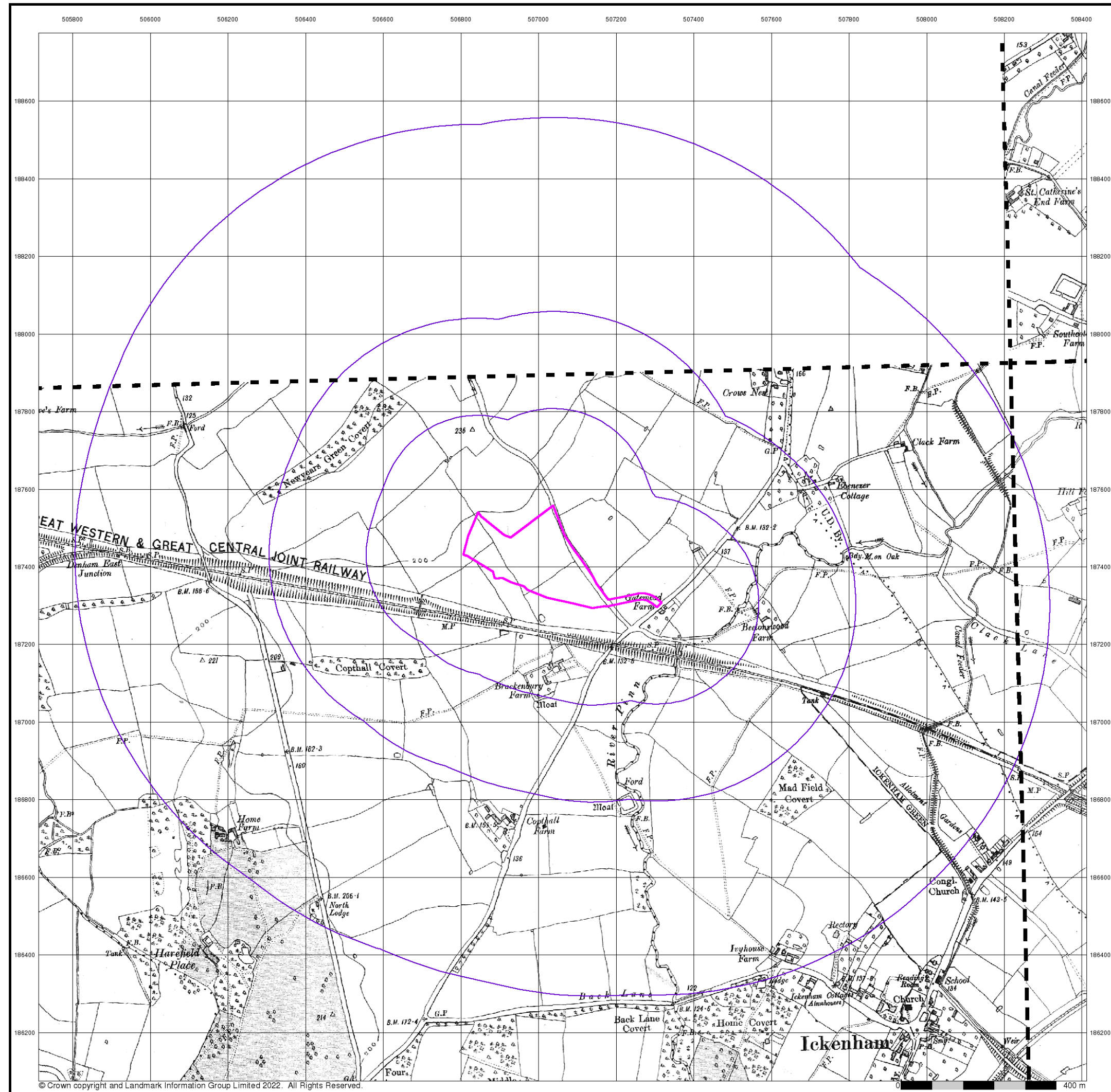
Order Number: 292242936_1_1
Customer Ref: WB307
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Slice: A
Site Area (Ha): 5.17
Search Buffer (m): 1000

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GEO-ENVIRONMENTAL & MINERALS

Middlesex

Published 1916 - 1920

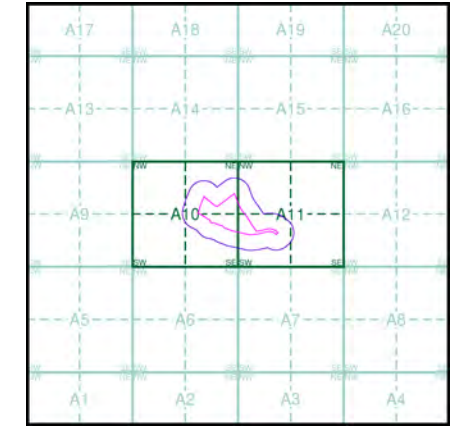
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Map Name(s) and Date(s)

	010NW
	1916
	1:10,560
009SE	010SW
1920	1916
1:10,560	1:10,560

Historical Map - Slice A



Order Details

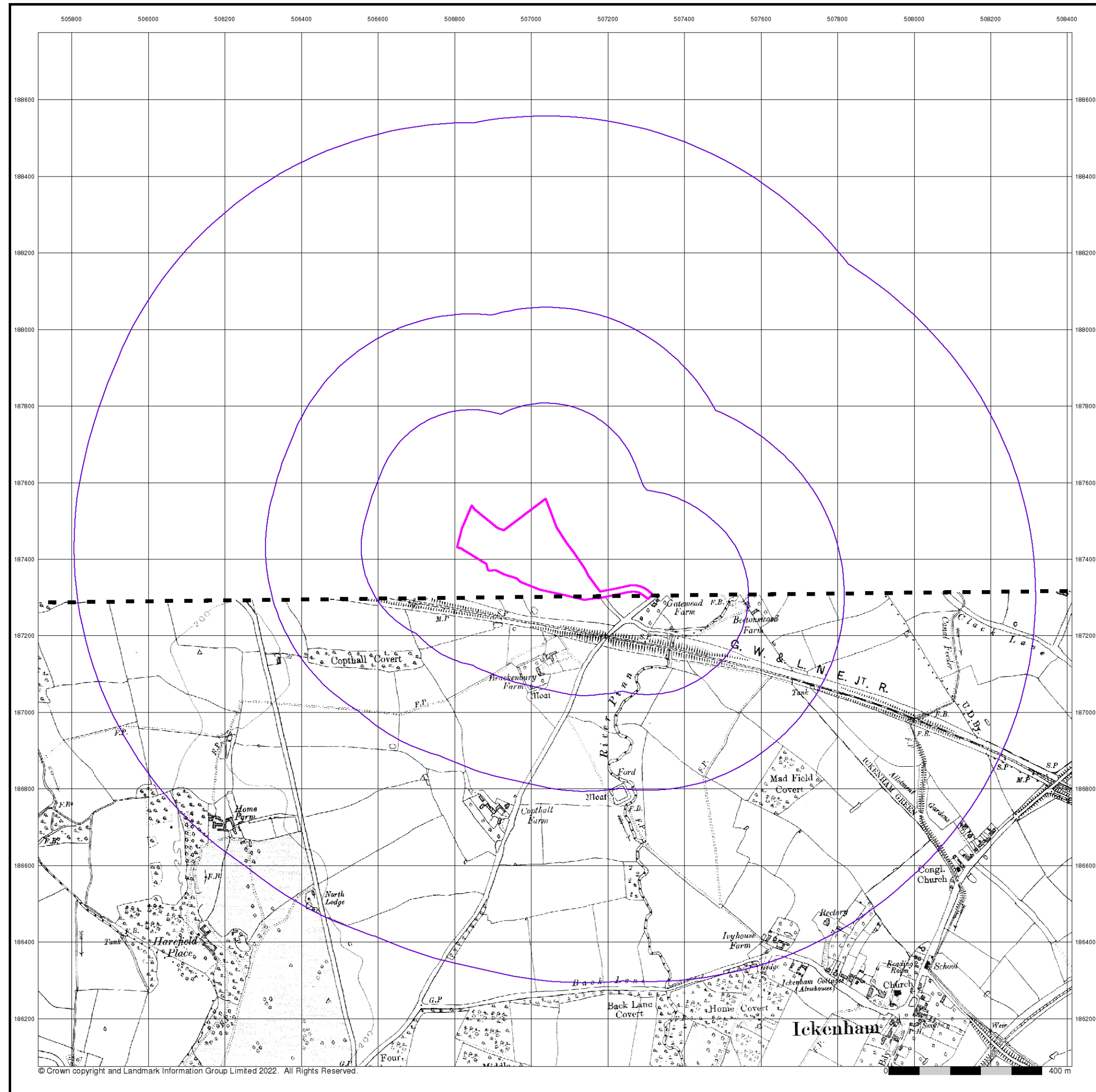
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Customer Ref: WB307
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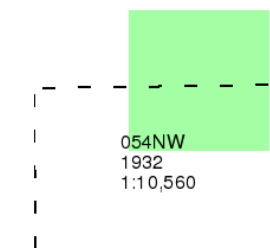
Buckinghamshire

Published 1932

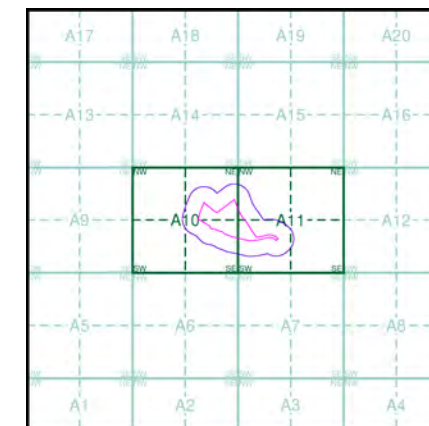
Source map scale - 1:10,560

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

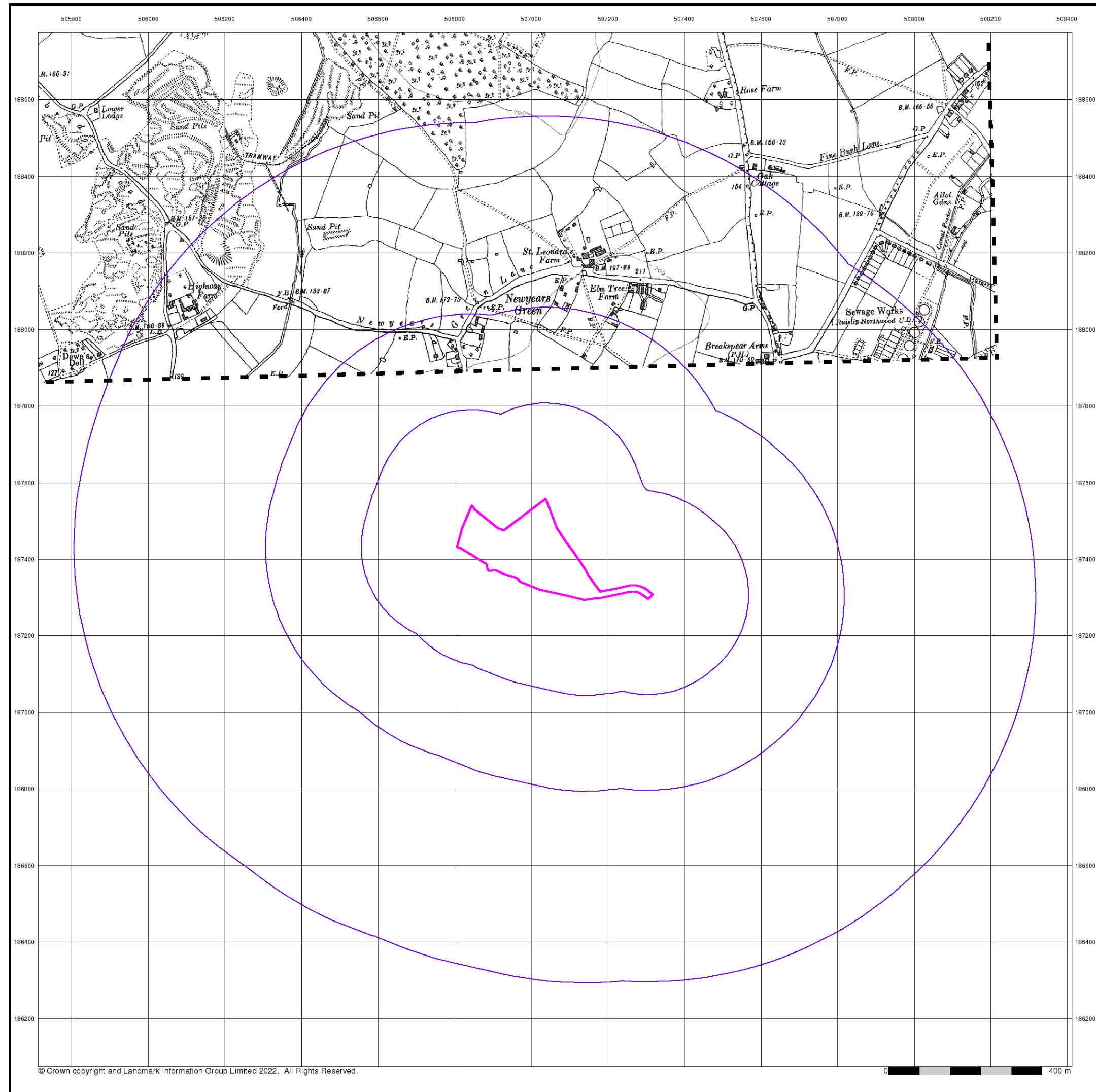
Order Number: 292242936_1_1
Customer Ref: WB307
National Grid Reference: 507060, 187410
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Site Area (Ha): 5.17
Search Buffer (m): 1000


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GEO-ENVIRONMENTAL & MINERALS

Hertfordshire

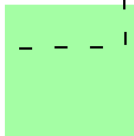
Published 1934

Source map scale - 1:10,560

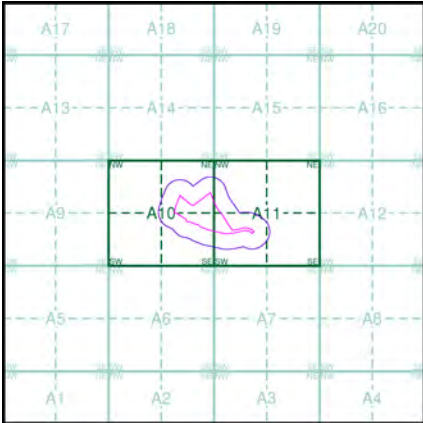
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

047NE
1934
1:10,560



Historical Map - Slice A




Order Details

Order Number:	292242936_1_1
Customer Ref:	WB307
National Grid Reference:	507060, 187410
Slice:	A
Site Area (Ha):	5.17
Search Buffer (m):	1000

Site Details

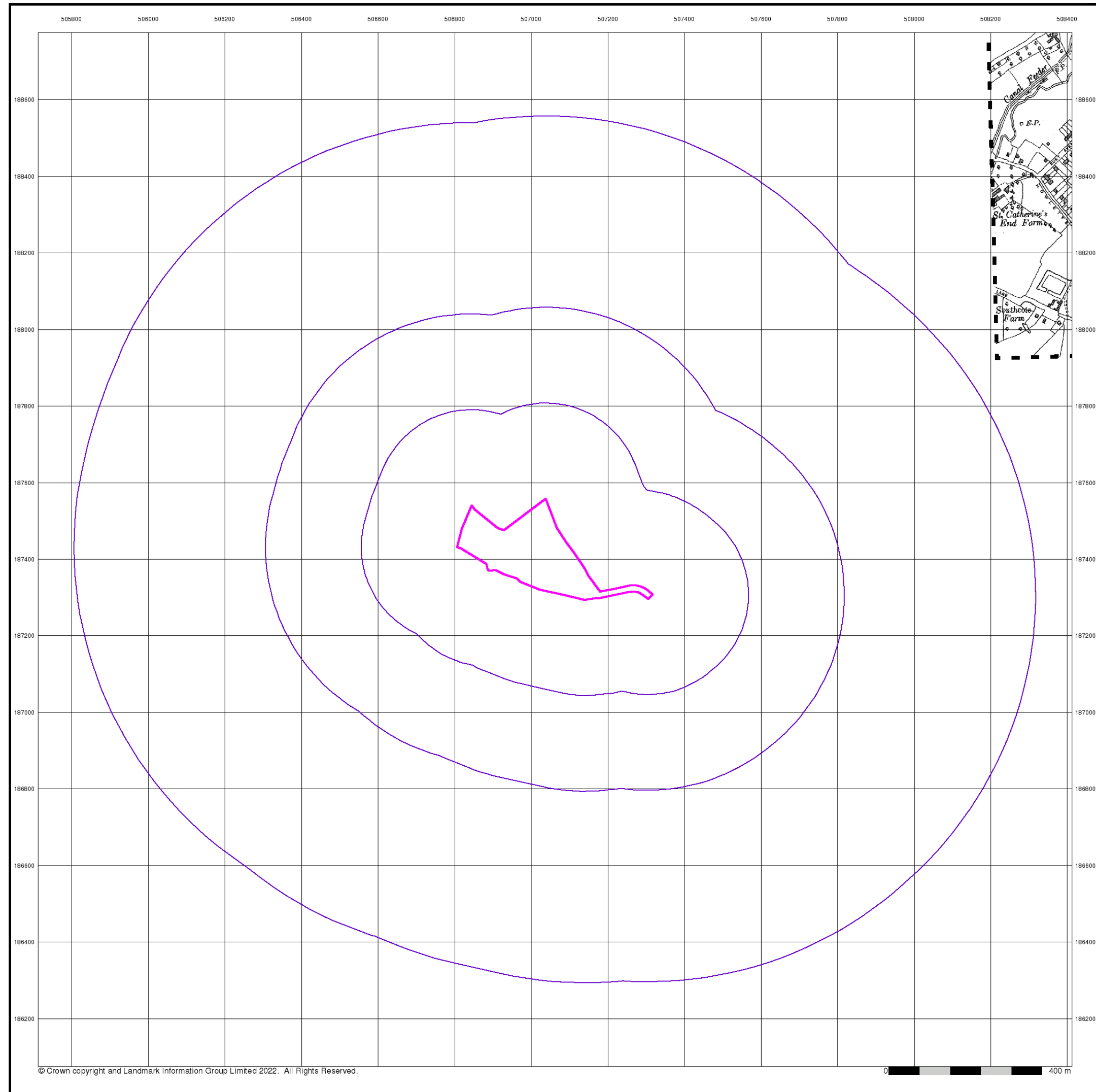
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**Johnson
Poole &
Bloomer**
Consultants
GEO-ENVIRONMENTAL & MINERALS

Middlesex

Published 1935

Source map scale - 1:10,560

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Map Name(s) and Date(s)

010NW

1935

1:10,560

Historical Map - Slice A

Order Details

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