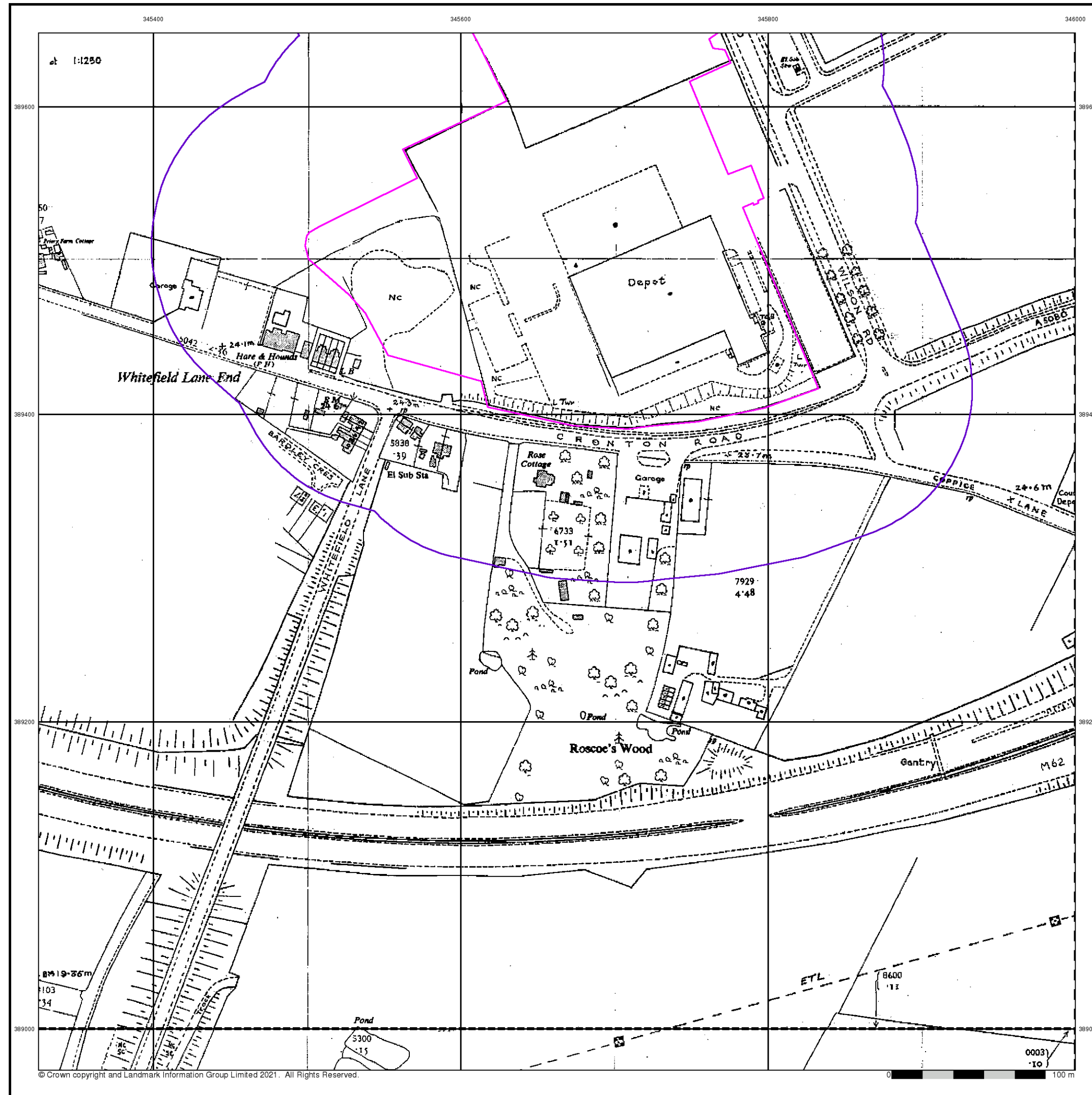




Additional SIMs

Published 1959 - 1985

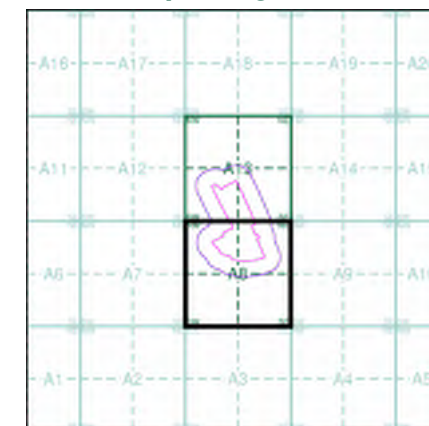
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SJ4589	SJ4689
1982	1979
12,500	12,500
SJ4588	SJ4688
1985	1959
12,500	12,500

Historical Map - Segment A8



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD



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





Ordnance Survey Plan

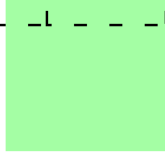
Published 1963 - 1982

Source map scale - 1:1,250

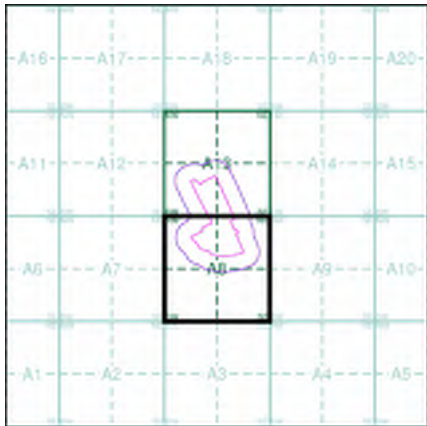
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

SJ4589NW 1963 1:1,250	SJ4589NE 1982 1:1,250
-----------------------------	-----------------------------



Historical Map - Segment A8



Order Details

Order Number:	273420366_1_1
Customer Ref:	784-B024793
National Grid Reference:	345640, 389630
Slice:	A
Site Area (Ha):	9.54
Search Buffer (m):	100

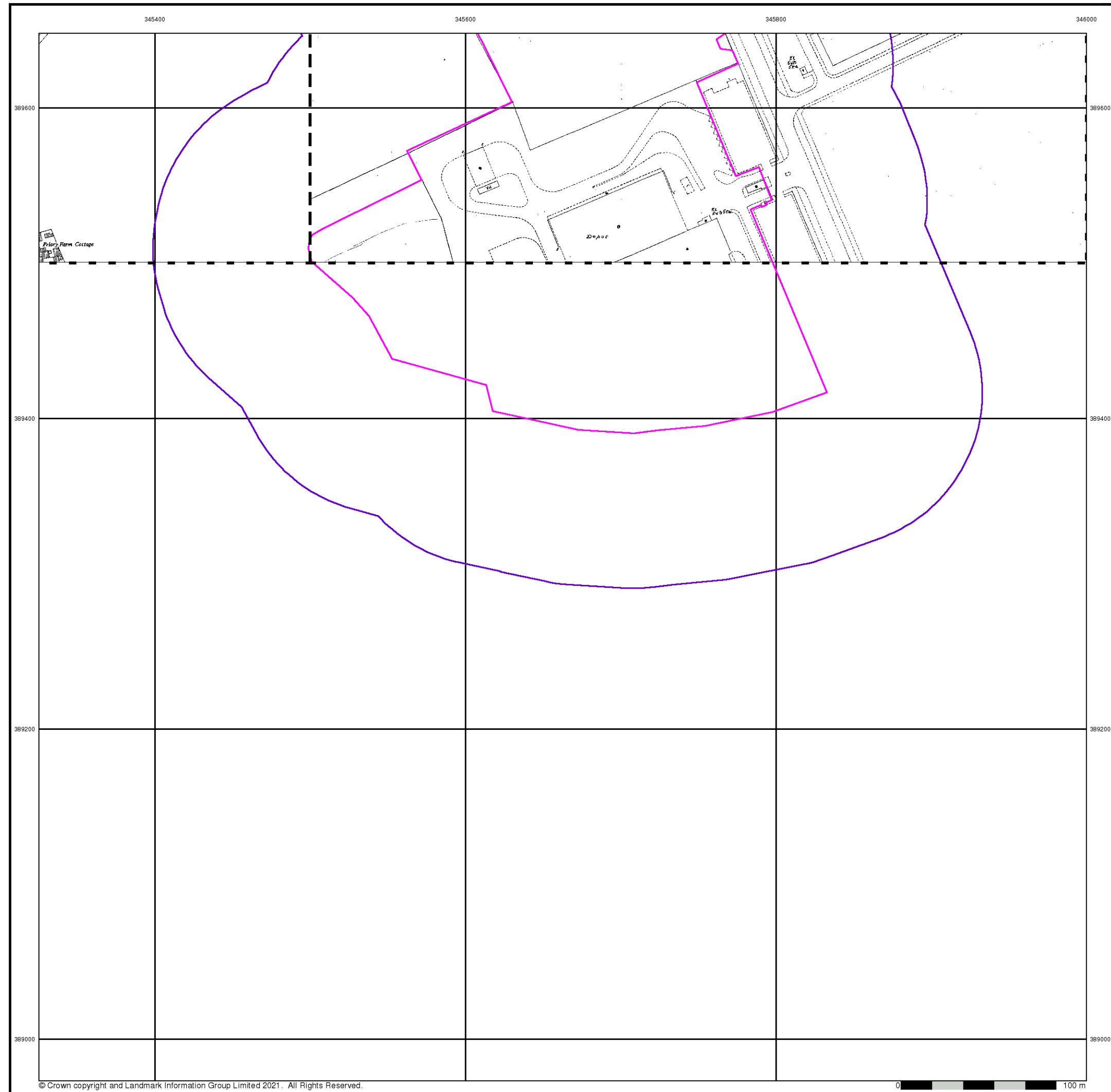
Site Details

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A Landmark Information Group Service v50.0 16-Feb-2021 Page 9 of 21



Additional SIMs

Published 1963 - 1977

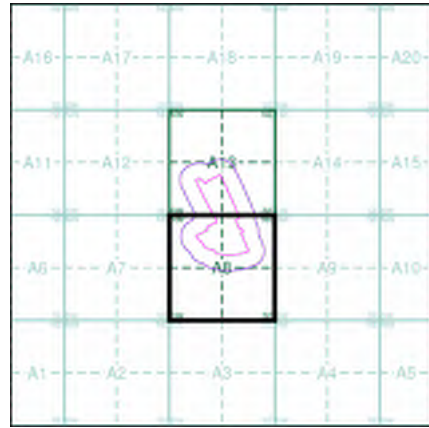
Source map scale - 1:1,250

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)

SJ4589NW	SJ4589NE
1963	1977
1:1,250	1:1,250

Historical Map - Segment A8



Order Details

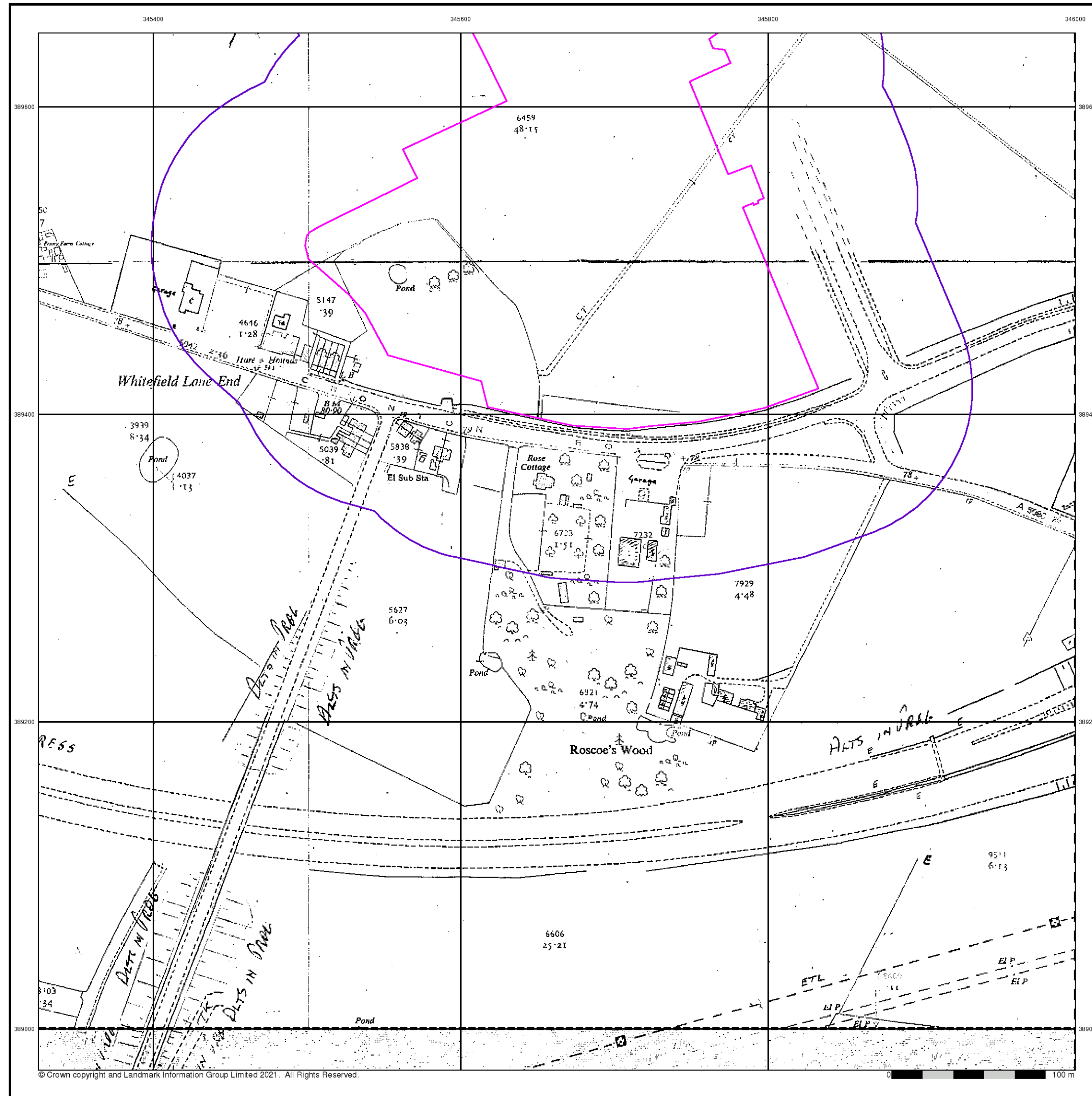
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

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Supply of Unpublished Survey Information

Published 1975

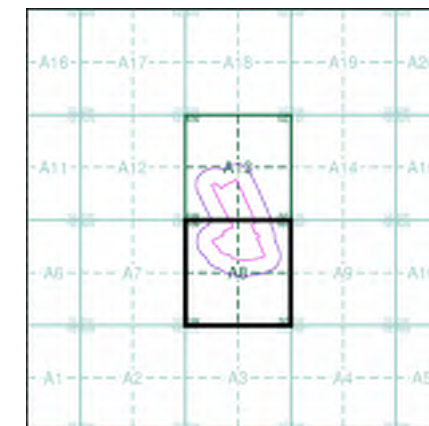
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SJ4589 1975 1:2,500	SJ4689 1975 1:2,500
SJ4588 1975 1:2,500	SJ4688 1975 1:2,500

Historical Map - Segment A8



Order Details

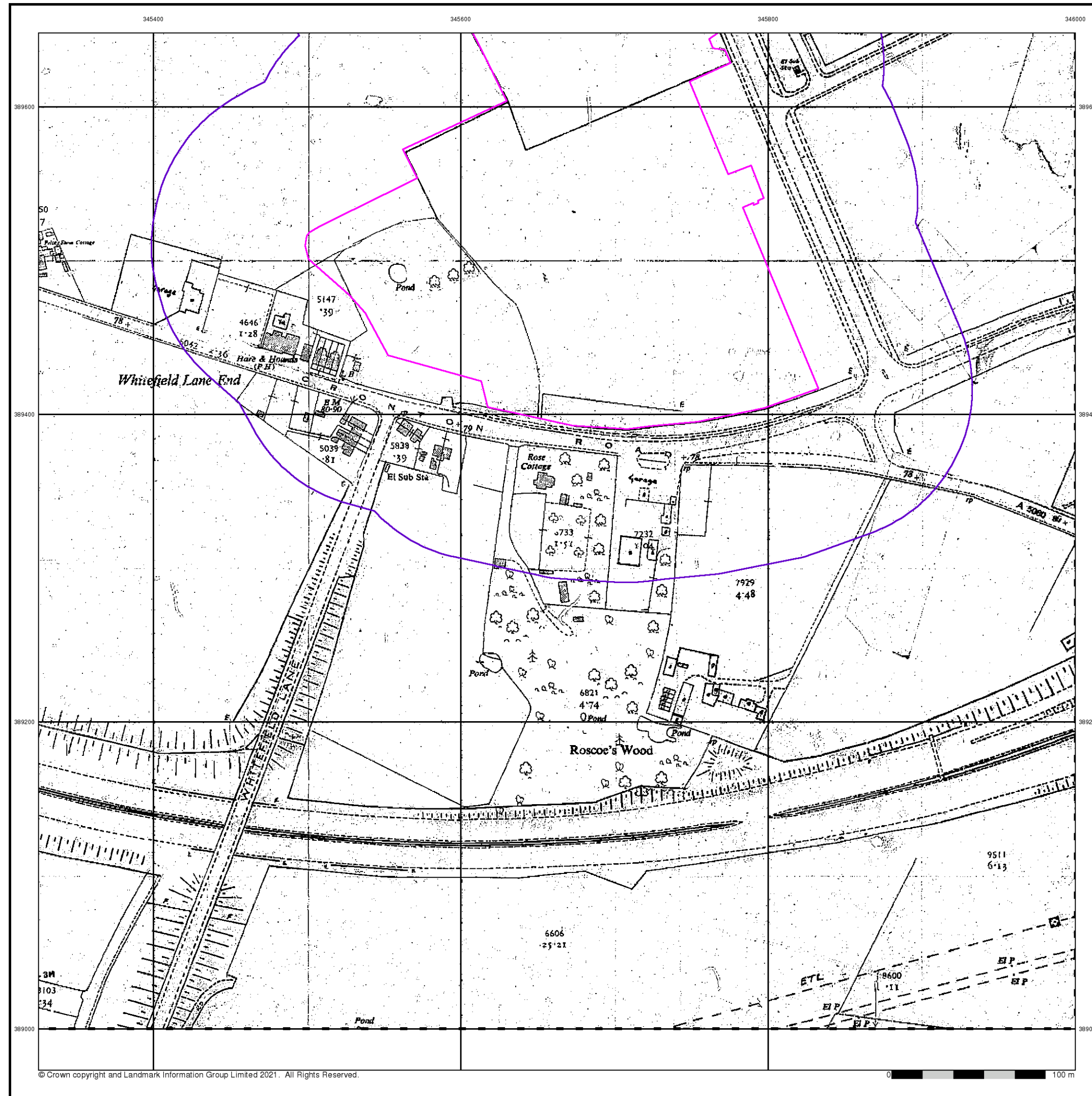
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

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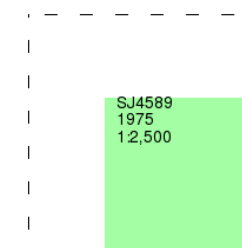
Supply of Unpublished Survey Information

Published 1975

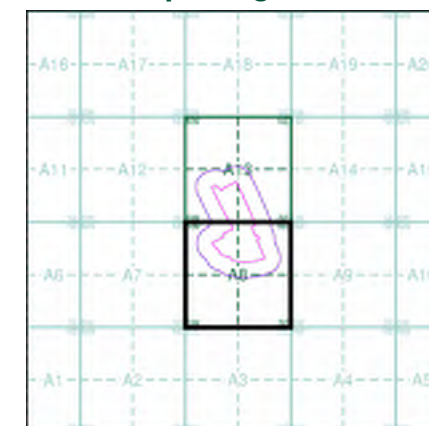
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A8



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
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Site Details

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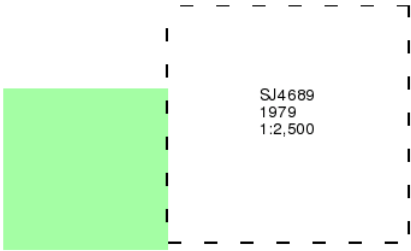
Ordnance Survey Plan

Published 1979

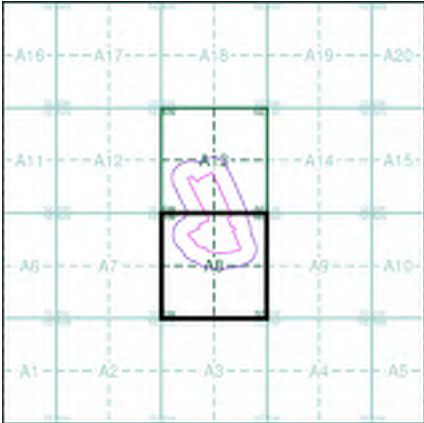
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A8



Order Details

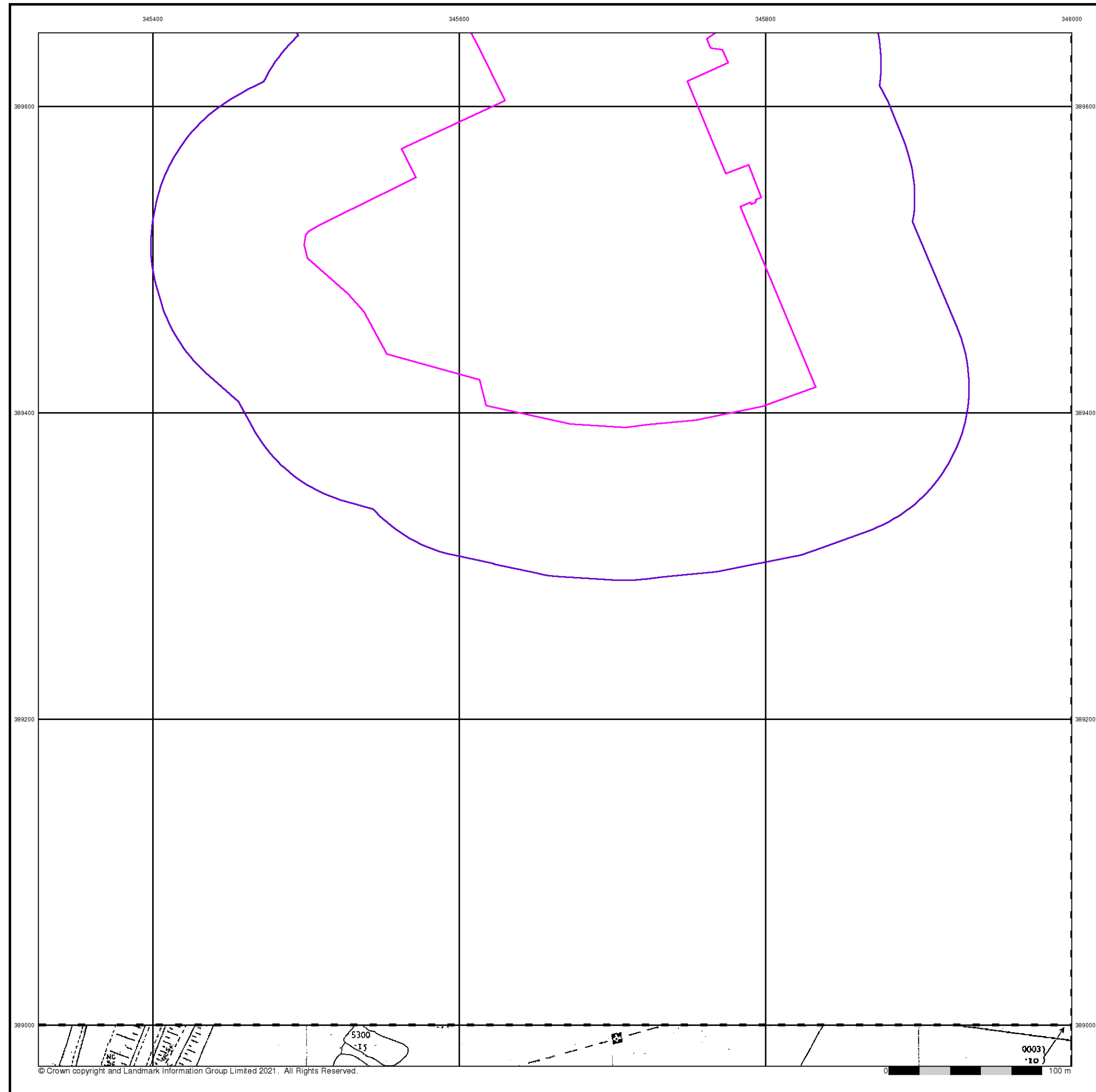
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1984 - 1989

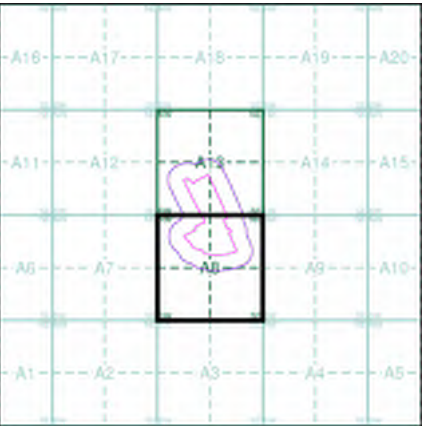
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

	SJ4689 1984 1:2,500
SJ4588 1987 1:2,500	SJ4688 1989 1:2,500

Historical Map - Segment A8



Order Details

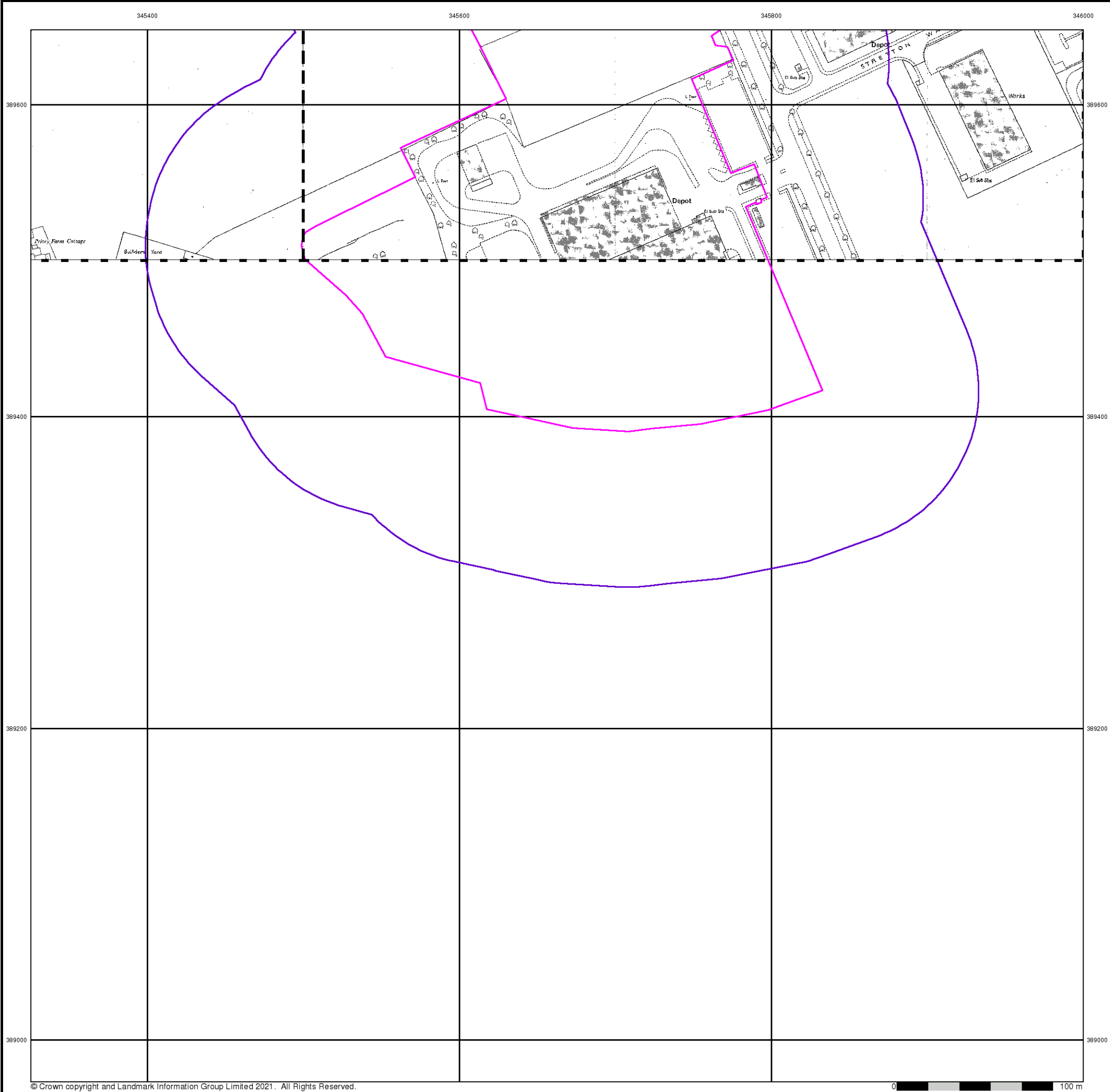
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD



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Additional SIMs

Published 1989 - 1992

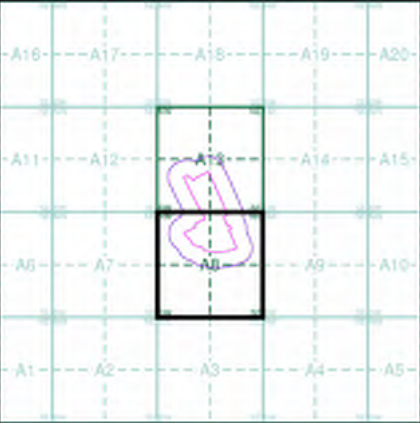
Source map scale - 1:1,250

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)

SJ4589NW	SJ4589NE
1989	1992
1:1,250	1:1,250

Historical Map - Segment A8



Order Details

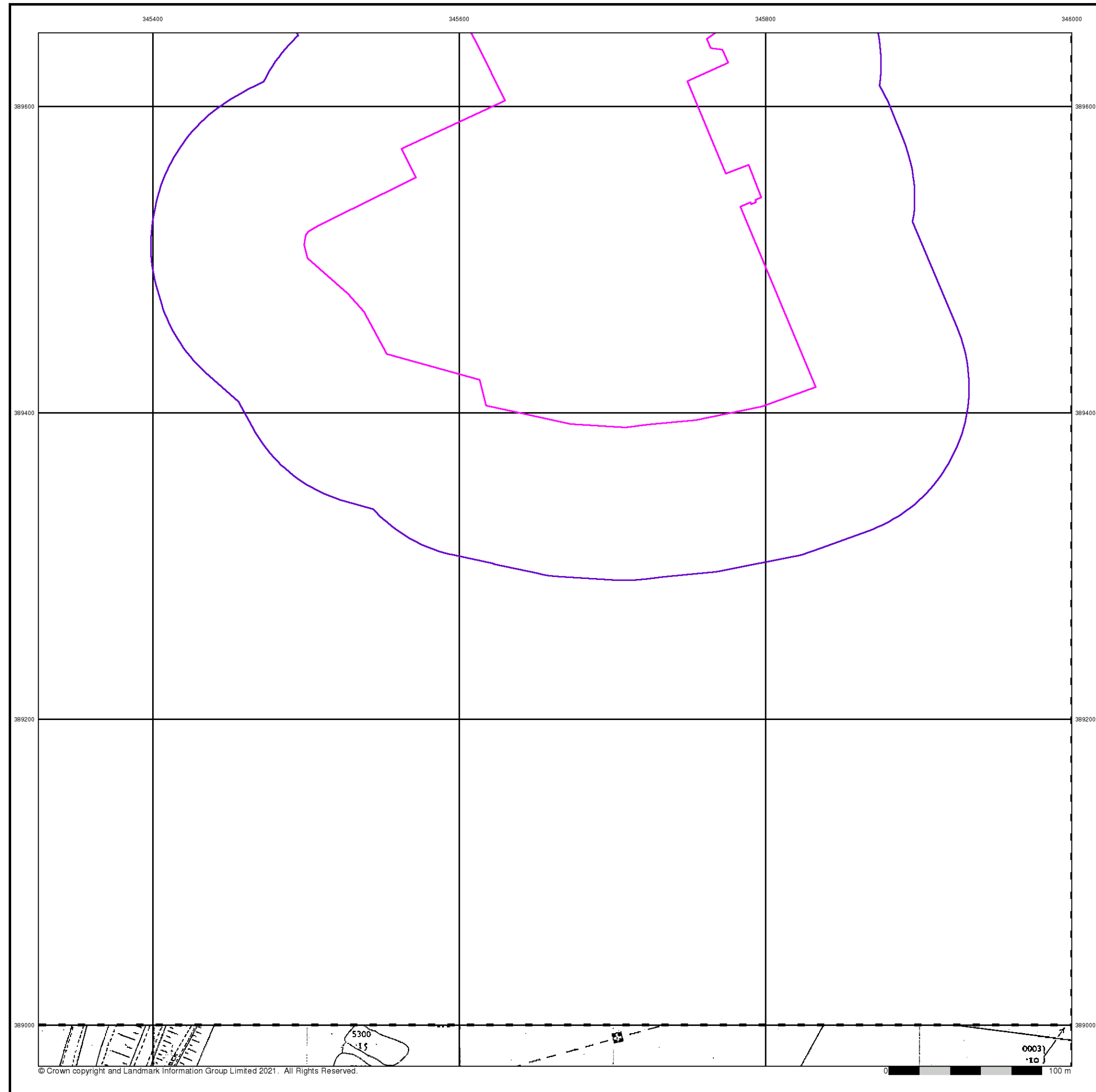
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

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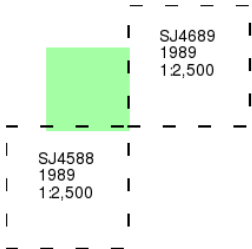
Additional SIMs

Published 1989

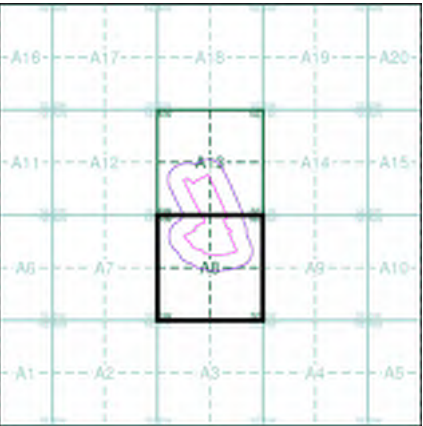
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A8



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

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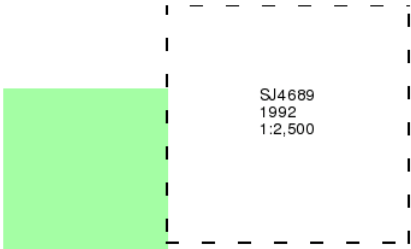
Additional SIMs

Published 1992

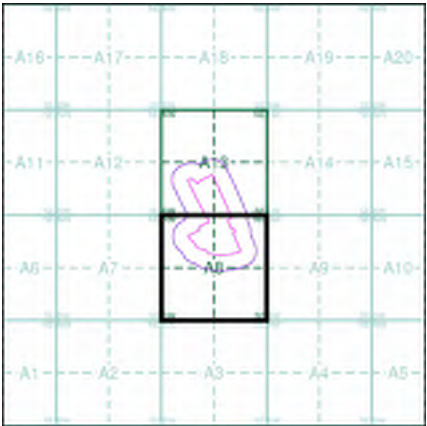
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A8



Order Details

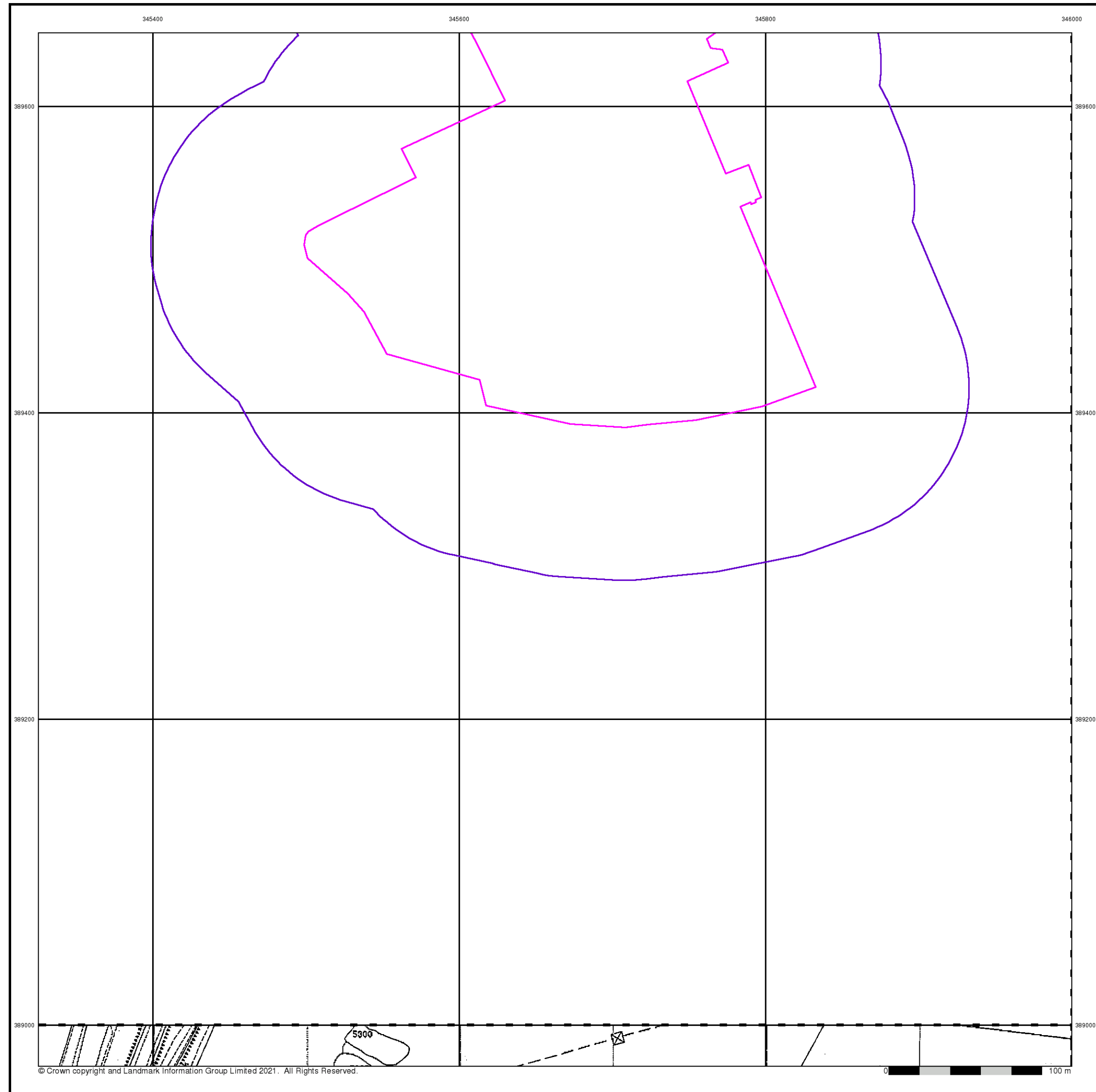
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD



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Fax: 0844 844 9951
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Large-Scale National Grid Data

Published 1993

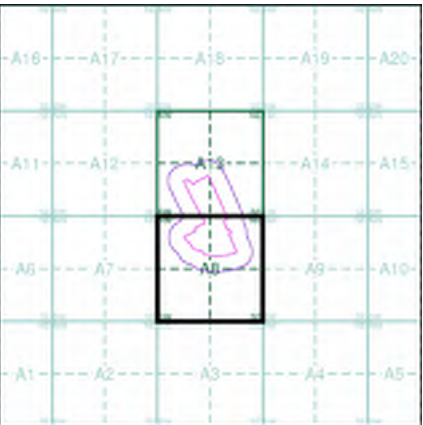
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

	SJ4689 1993 12,500
SJ4588 1993 12,500	SJ4688 1993 12,500

Historical Map - Segment A8



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD



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Large-Scale National Grid Data

Published 1993

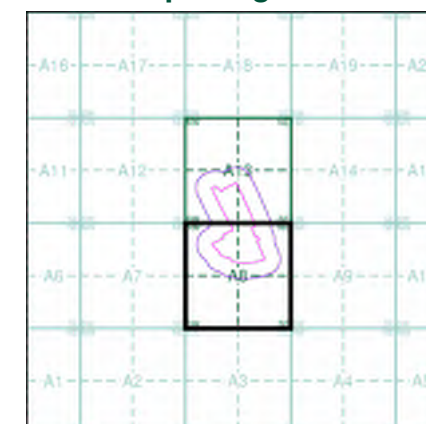
Source map scale - 1:1,250

'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)

SJ4589NW	SJ4589NE
1993	1993
1:1,250	1:1,250
SJ4589SW	SJ4589SE
1993	1993
1:1,250	1:1,250

Historical Map - Segment A8



Order Details

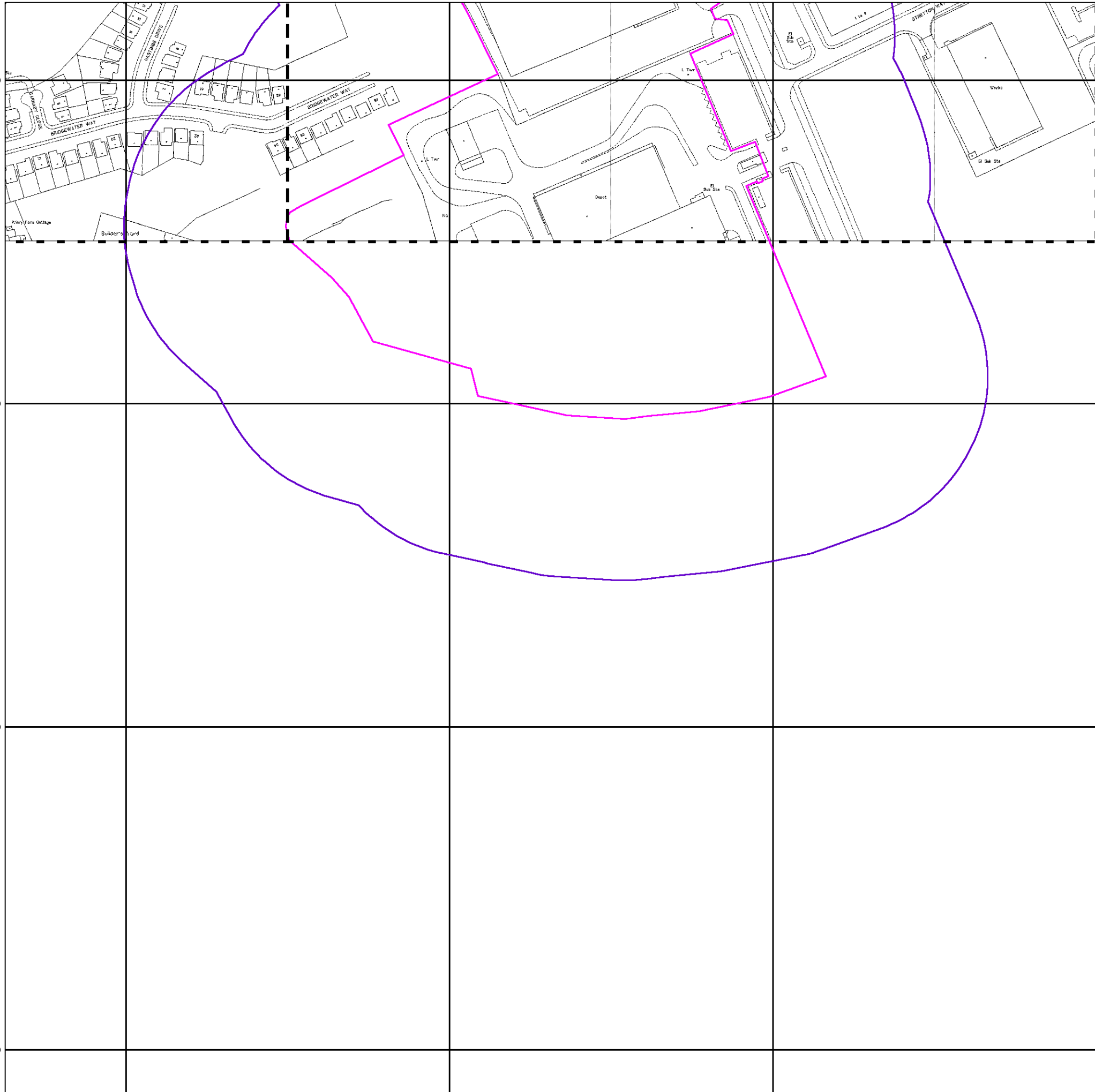
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD

Landmark
INFORMATION GROUP

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



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Large-Scale National Grid Data

Published 1996

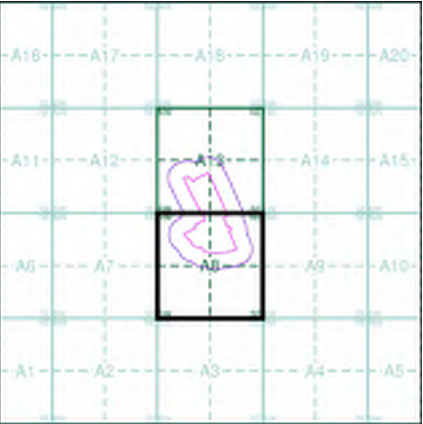
Source map scale - 1:1,250

'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)

SJ4589NW	SJ4589NE
1996	1996
1:1,250	1:1,250

Historical Map - Segment A8



Order Details

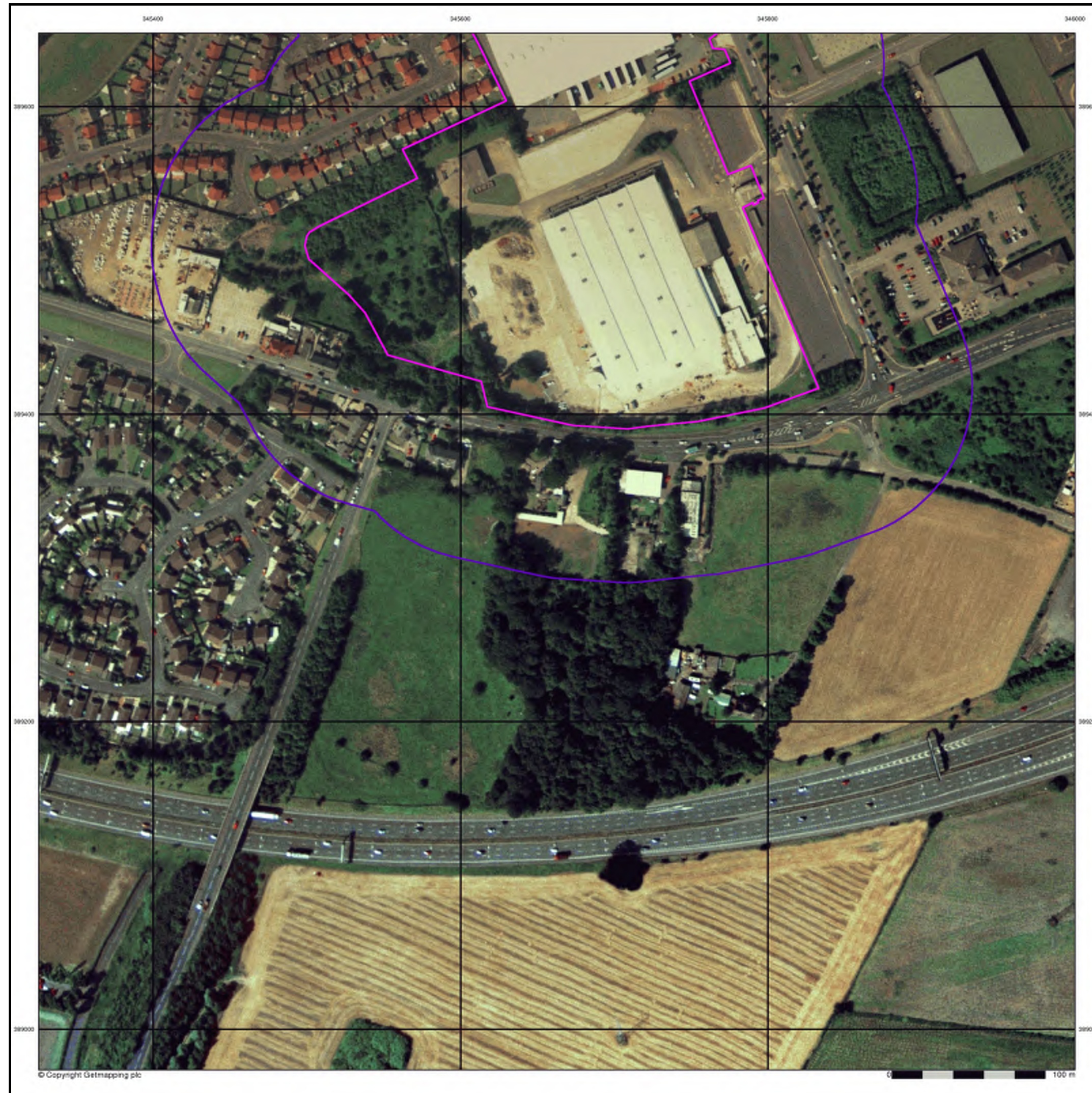
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

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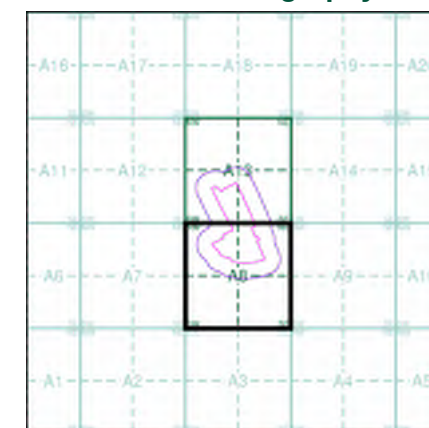


Historical Aerial Photography

Published 2000

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

Historical Aerial Photography - Segment A8



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 100

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD

Landmark
INFORMATION GROUP

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Fax: 0844 844 9951
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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		Bench Mark
	Site of Antiquities		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		
	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		Coppice
	Marsh		Heath
	Reeds		Rough Grassland
	Saltings		
	Building		Direction of Flow of Water
	Glasshouse		Shingle
	Sloping Masonry		Sand
	Pylon		Electricity Transmission Line
	Pole		
	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

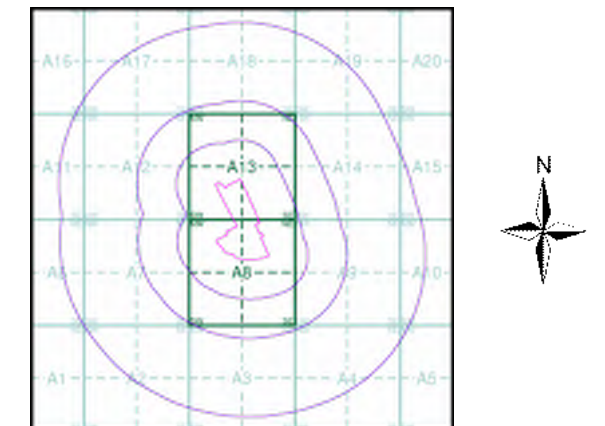
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil,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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1849 - 1850	3
Cheshire	1:10,560	1881	4
Lancashire And Furness	1:10,560	1894	5
Lancashire And Furness	1:10,560	1908	6
Lancashire And Furness	1:10,560	1928	7
Lancashire And Furness	1:10,560	1928	8
Lancashire And Furness	1:10,560	1938	9
Lancashire And Furness	1:10,560	1938 - 1951	10
Ordnance Survey Plan	1:10,000	1955 - 1956	11
Ordnance Survey Plan	1:10,000	1965 - 1967	12
Ordnance Survey Plan	1:10,000	1974 - 1978	13
Liverpool	1:10,000	1974	14
Ordnance Survey Plan	1:10,000	1982	15
St Helens	1:10,000	1984	16
Ordnance Survey Plan	1:10,000	1990 - 1991	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2020	20

Historical Map - Slice A



Order Details

Order Number: 273420366_1_1
 Customer Ref: 784-B024793
 National Grid Reference: 345640, 389630
 Slice: A
 Site Area (Ha): 9.54
 Search Buffer (m): 1000

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD



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 Fax: 0844 844 9951
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Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale



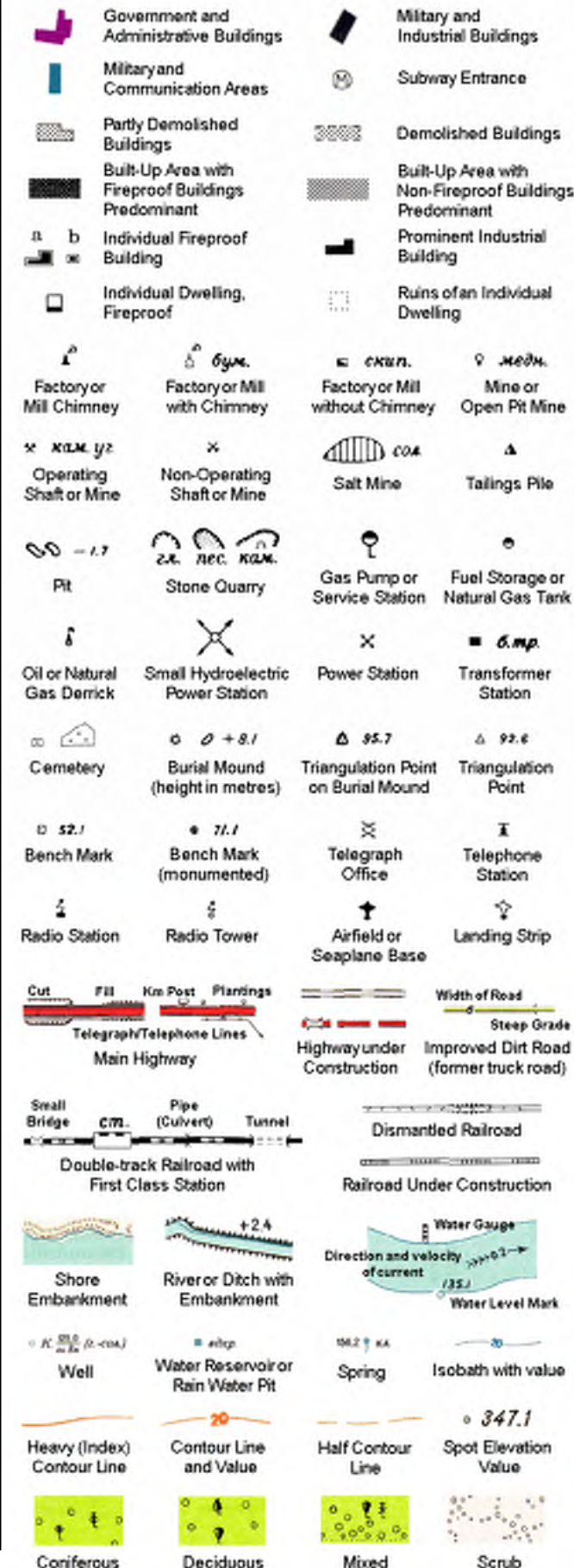
243.8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0.2 Velocity of the current, width of river bed, depth of river
Fractional terms; length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

SJ48NE_St_Helens

No.	Description
20	Factory (Telephones)

SJ49SE_St_Helens

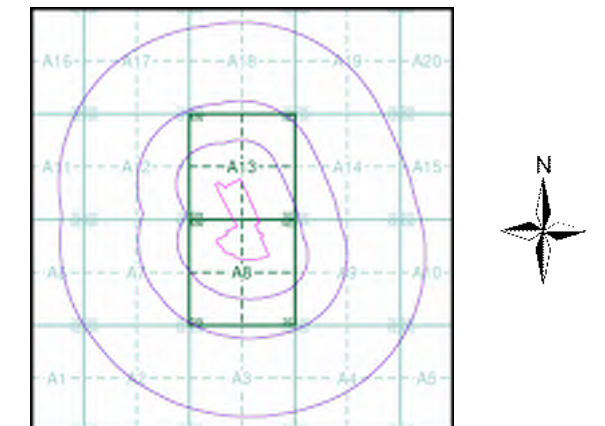
No.	Description
9	Factory (Artillery And Electrical Appliances)



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1849 - 1850	3
Cheshire	1:10,560	1881	4
Lancashire And Furness	1:10,560	1894	5
Lancashire And Furness	1:10,560	1908	6
Lancashire And Furness	1:10,560	1928	7
Lancashire And Furness	1:10,560	1928	8
Lancashire And Furness	1:10,560	1938	9
Lancashire And Furness	1:10,560	1938 - 1951	10
Ordnance Survey Plan	1:10,000	1955 - 1956	11
Ordnance Survey Plan	1:10,000	1965 - 1967	12
Ordnance Survey Plan	1:10,000	1974 - 1978	13
Liverpool	1:10,000	1974	14
Ordnance Survey Plan	1:10,000	1982	15
St Helens	1:10,000	1984	16
Ordnance Survey Plan	1:10,000	1990 - 1991	17
10K Raster Mapping	1:10,000	1999	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2020	20

Russian Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD

Landmark
INFORMATION GROUP

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



Lancashire And Furness

Published 1849 - 1850

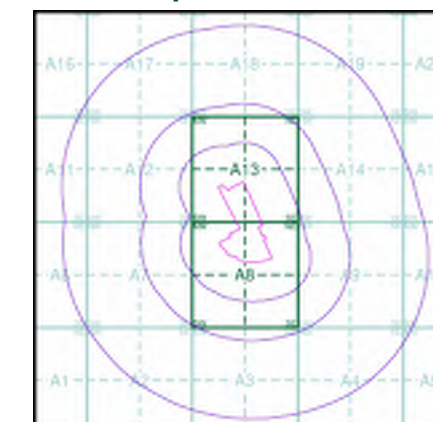
Source map scale - 1:10,560

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)

10700
1850
1:10,560
11400
1849
1:10,560

Historical Map - Slice A



Order Details

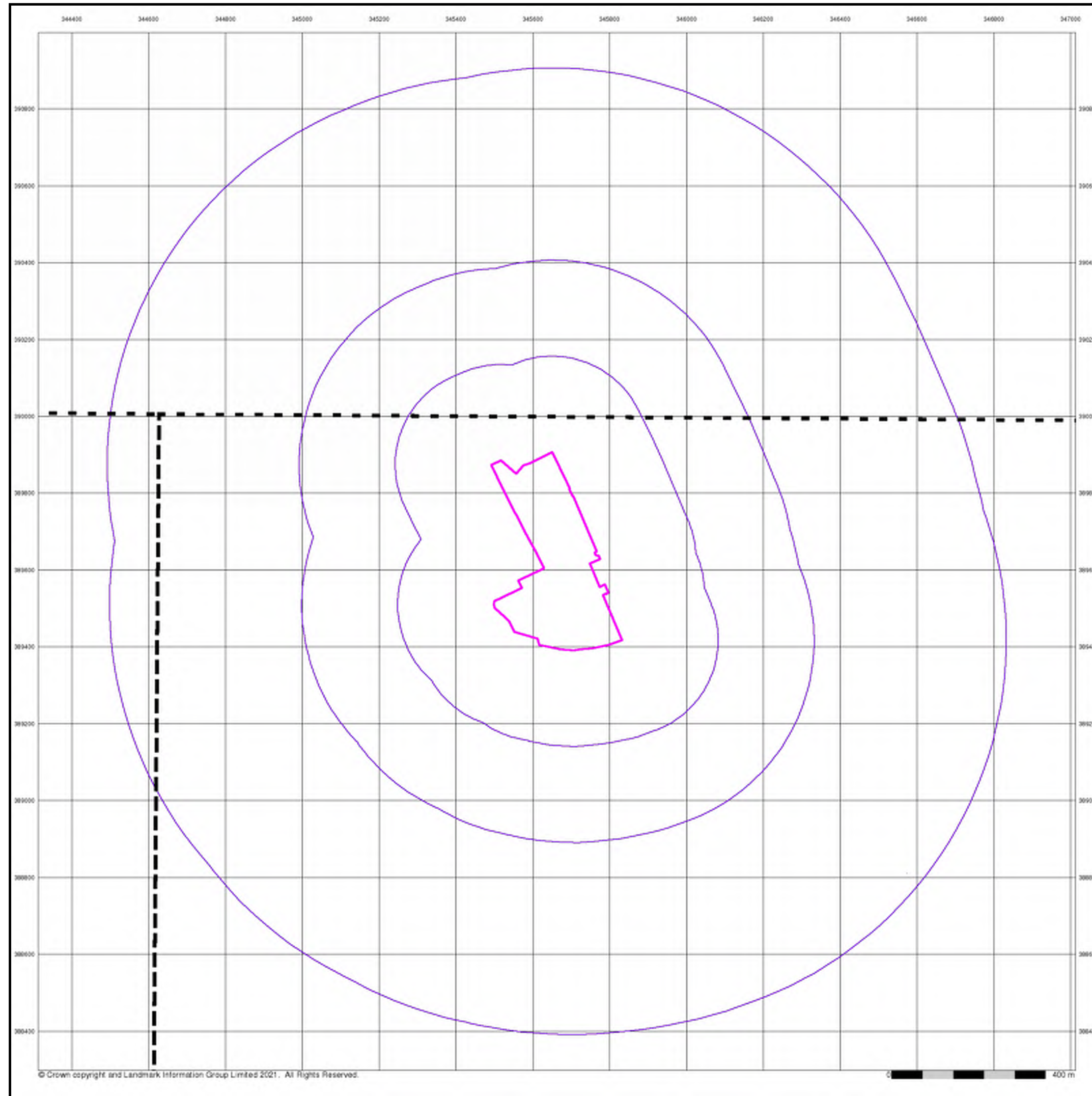
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

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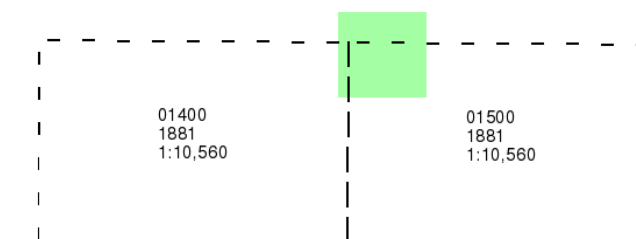
Cheshire

Published 1881

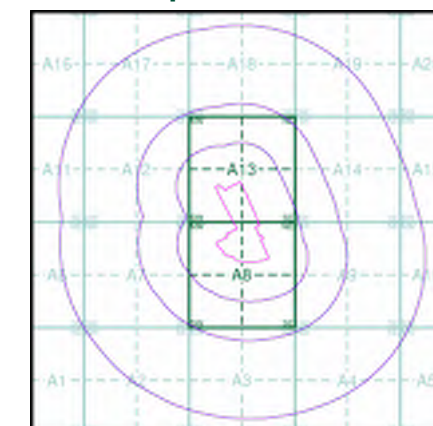
Source map scale - 1:10,560

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: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

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Tel: 0844 844 9952
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Lancashire And Furness

Published 1894

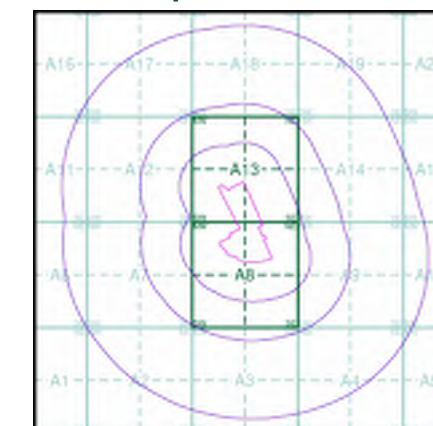
Source map scale - 1:10,560

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)

107SW 1894 1:10,560	107SE 1894 1:10,560
114NW 1894 1:10,560	114NE 1894 1:10,560

Historical Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

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Lancashire And Furness

Published 1908

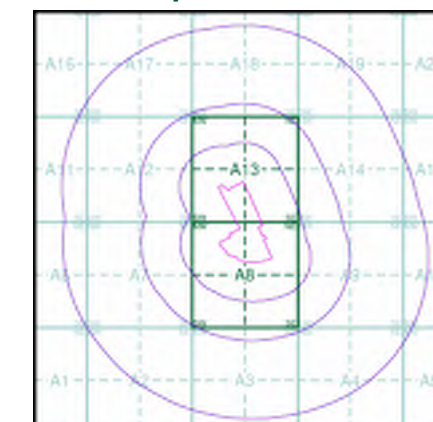
Source map scale - 1:10,560

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)

107SW 1908 1:10,560	107SE 1908 1:10,560
114NW 1908 1:10,560	114NE 1908 1:10,560

Historical Map - Slice A



Order Details

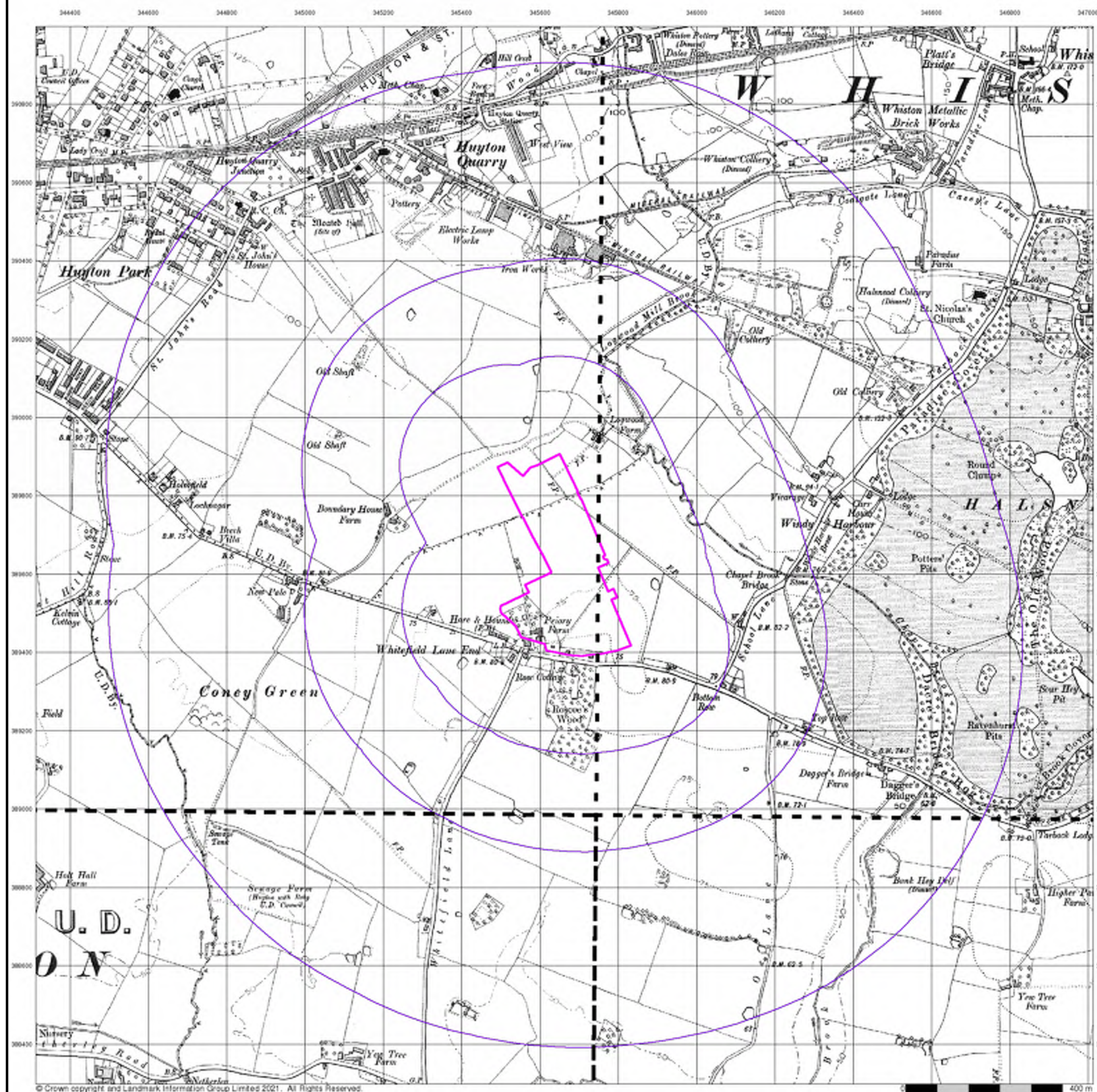
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

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Lancashire And Furness

Published 1928

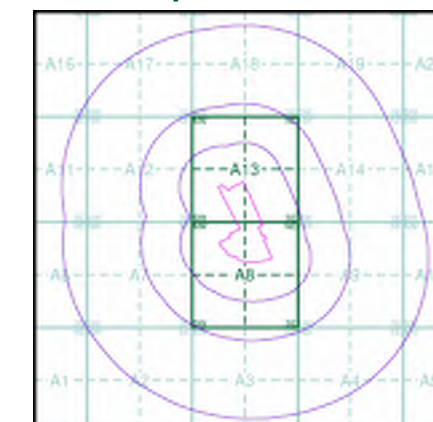
Source map scale - 1:10,560

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)

107SW 1928 1:10,560	107SE 1928 1:10,560
114NW 1928 1:10,560	114NE 1928 1:10,560

Historical Map - Slice A



Order Details

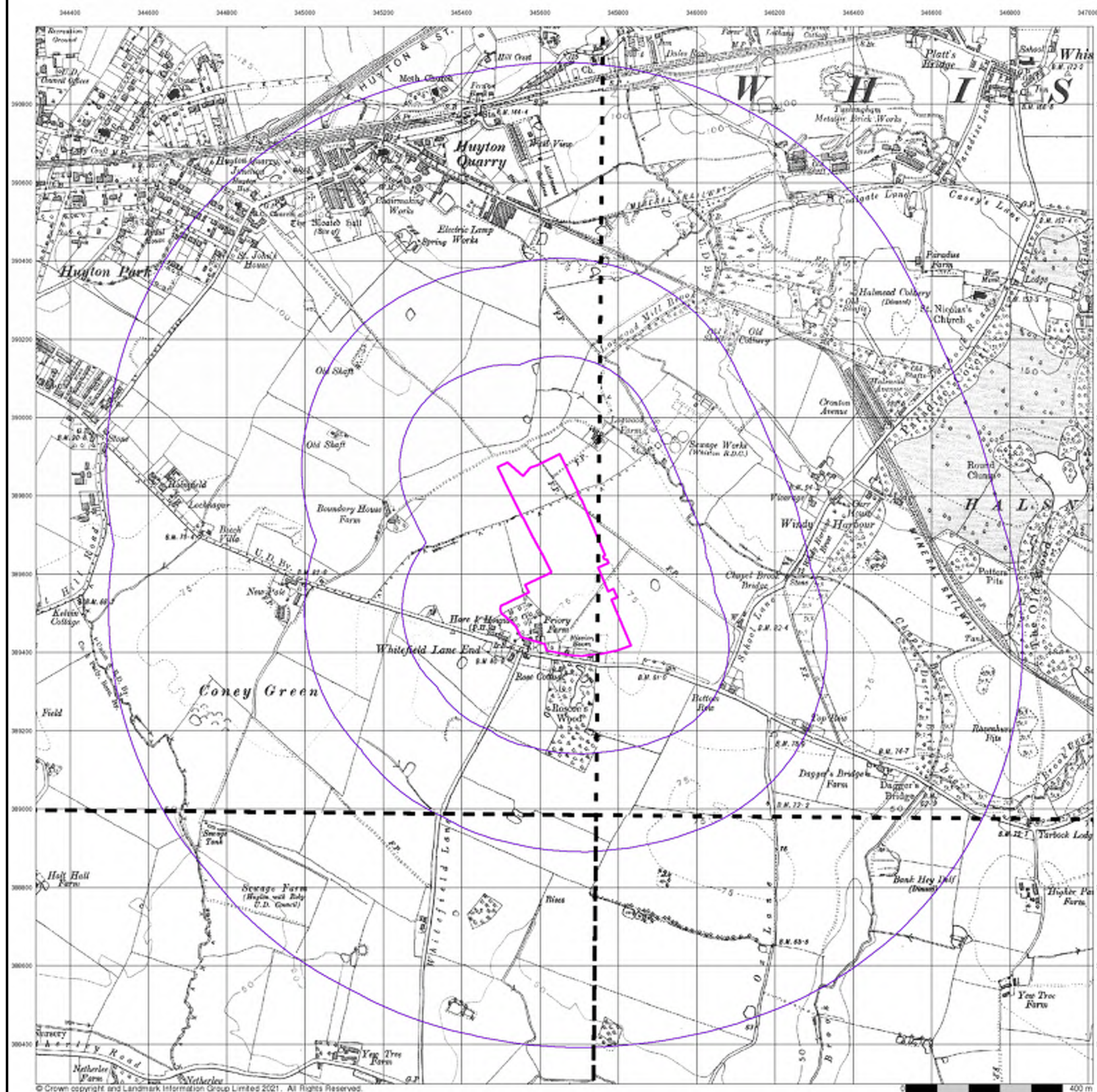
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

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Lancashire And Furness

Published 1928

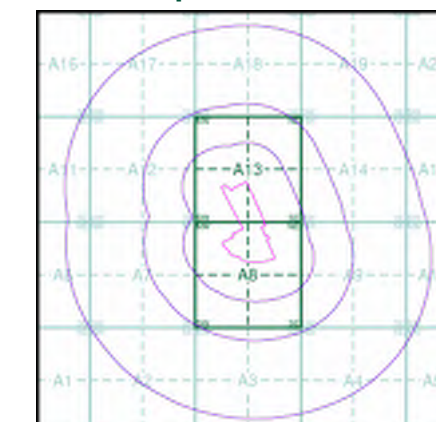
Source map scale - 1:10,560

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)

107SW	
1928	
1:10,560	
114NW	
1928	
1:10,560	

Historical Map - Slice A



Order Details

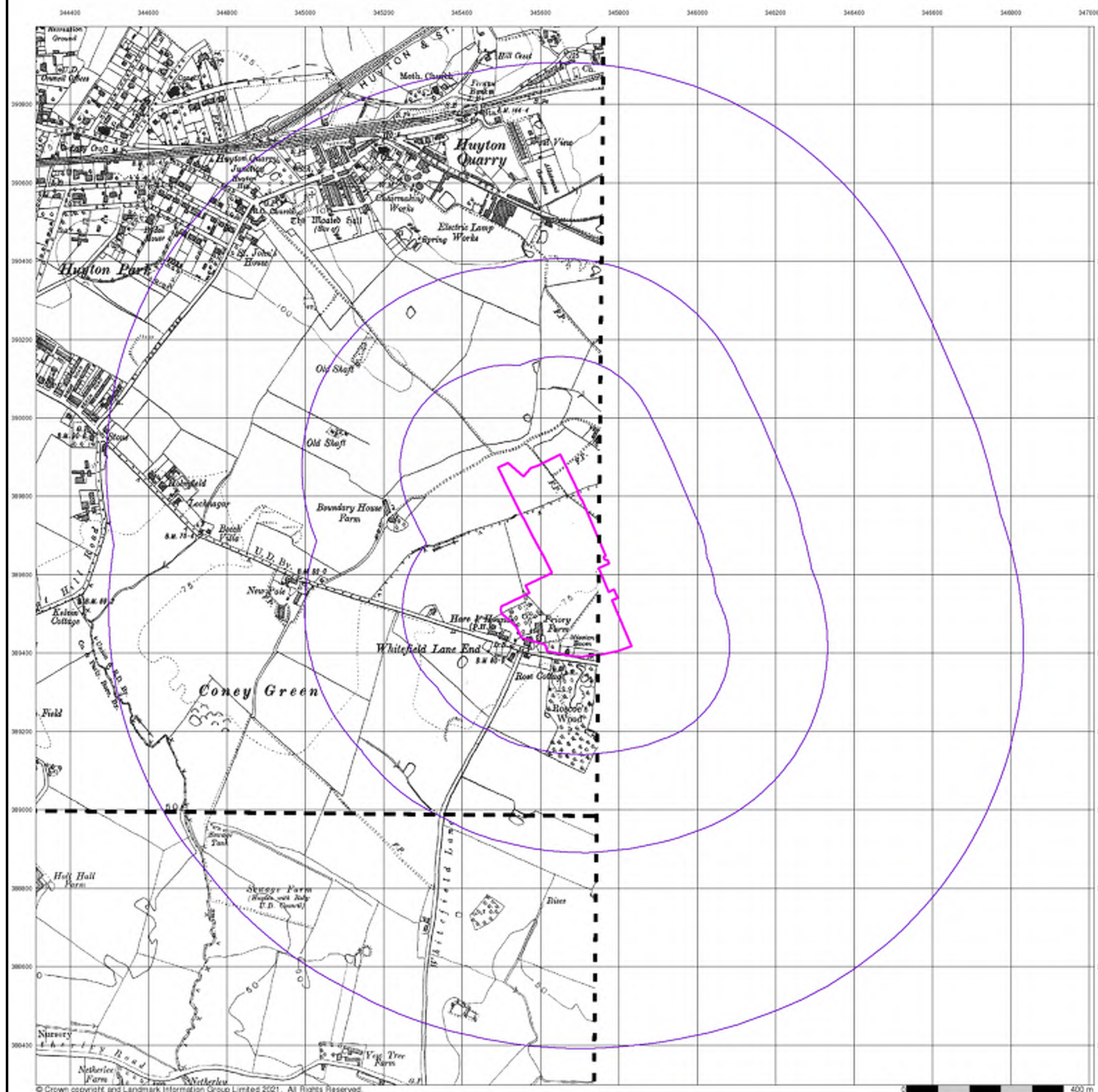
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1938

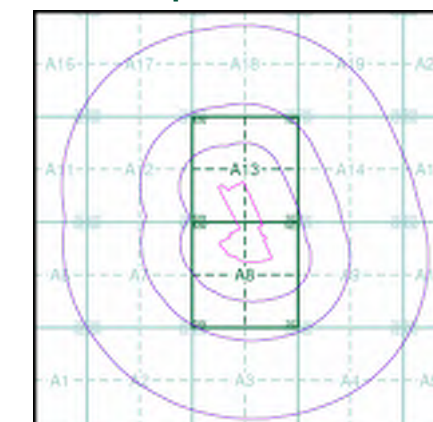
Source map scale - 1:10,560

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)

107SW 1938 1:10,560	107SE 1938 1:10,560
114NW 1938 1:10,560	114NE 1938 1:10,560

Historical Map - Slice A



Order Details

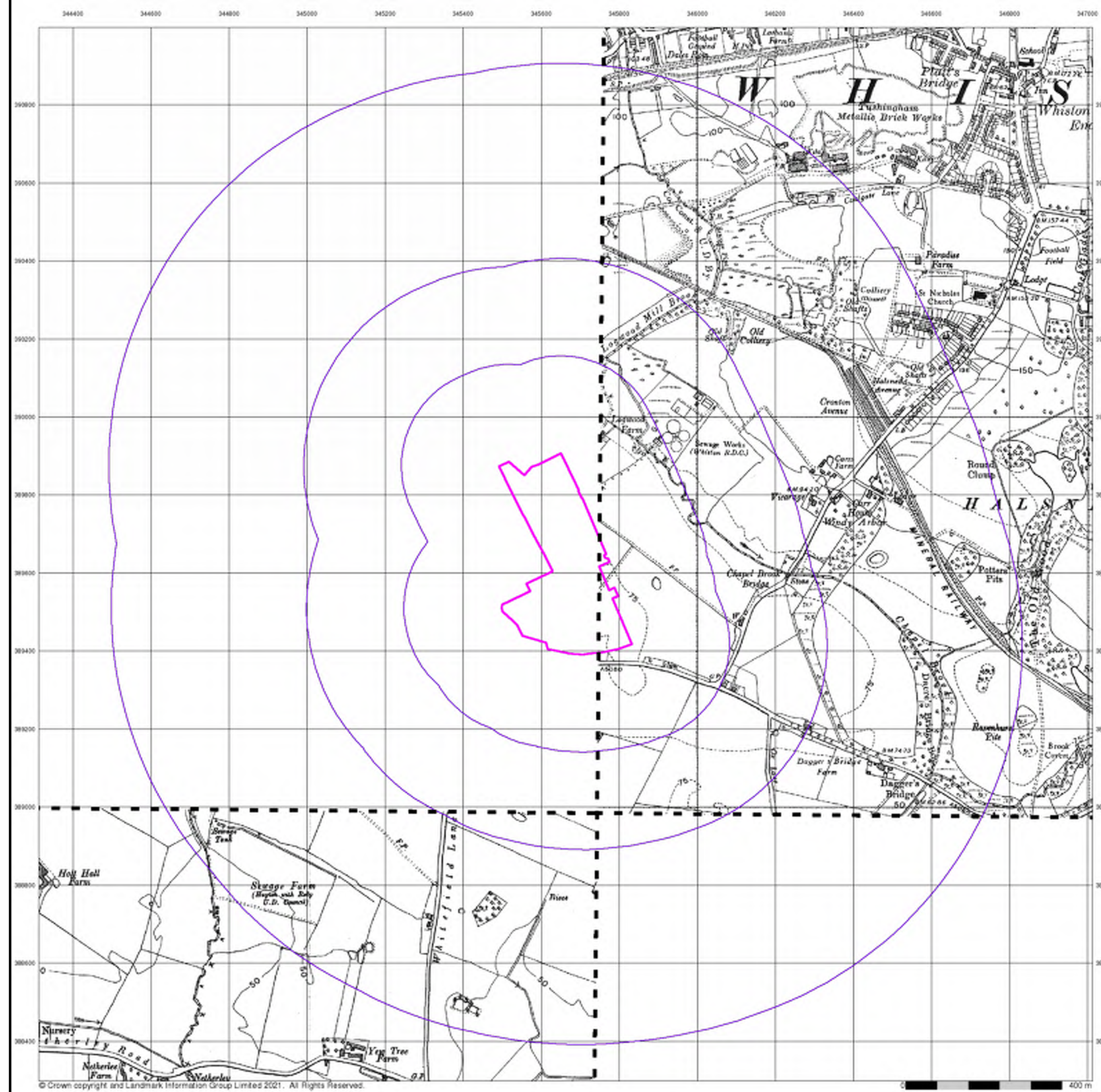
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

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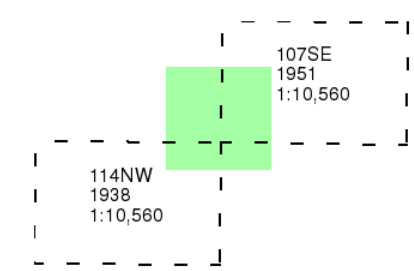
Lancashire And Furness

Published 1938 - 1951

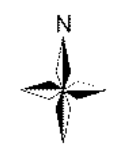
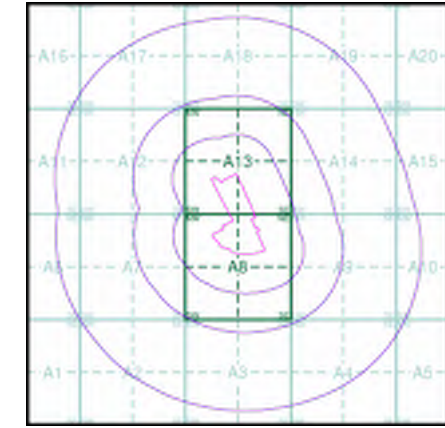
Source map scale - 1:10,560

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)



Historical Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD



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Ordnance Survey Plan

Published 1955 - 1956

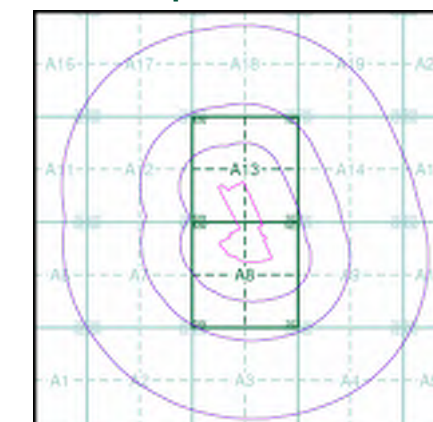
Source map scale - 1:10,000

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)

SJ49SW	SJ49SE
1956	1956
1:10,560	1:10,560
SJ48NW	SJ48NE
1956	1955
1:10,560	1:10,560

Historical Map - Slice A



Order Details

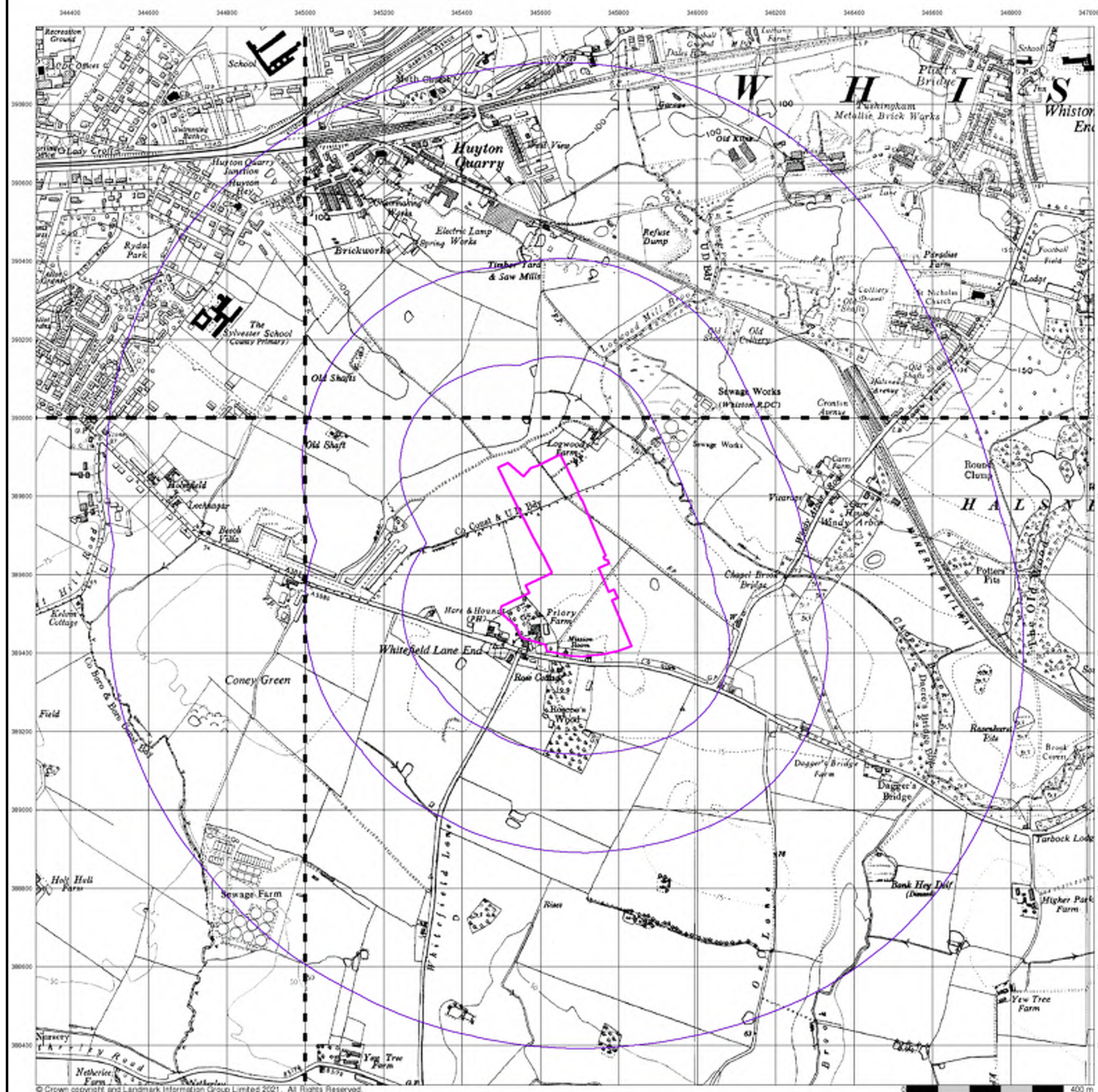
Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
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Ordnance Survey Plan

Published 1965 - 1967

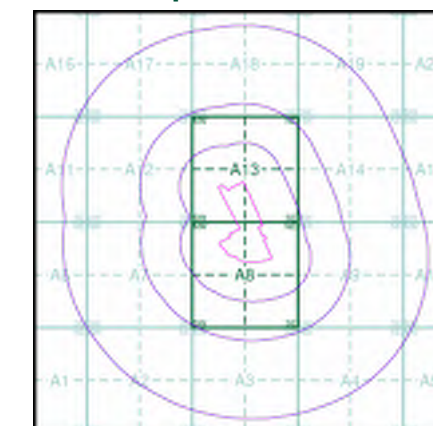
Source map scale - 1:10,000

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)

SJ49SW	SJ49SE
1965	1966
1:10,560	1:10,560
SJ48NW	SJ48NE
1967	1967
1:10,560	1:10,560

Historical Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
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Ordnance Survey Plan

Published 1974 - 1978

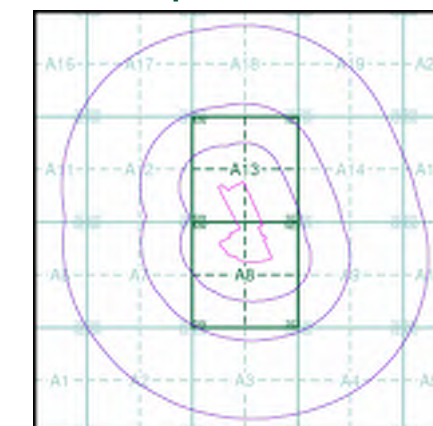
Source map scale - 1:10,000

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)

SJ49SW	SJ49SE
1978	1978
1:10,000	1:10,000
SJ48NW	SJ48NE
1974	1977
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
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Site Details

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Landmark
INFORMATION GROUP

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



Liverpool

Published 1974

Source map scale - 1:10,000

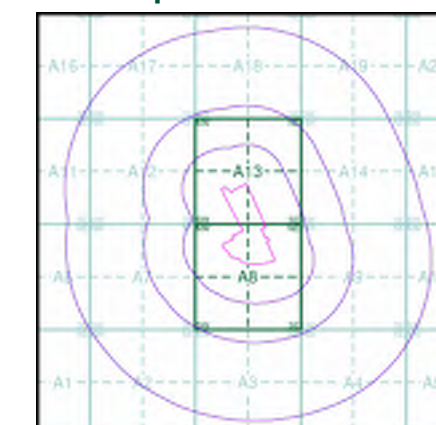
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

SJ49SW 1974 1:10,000	SJ49SE 1974 1:10,000
SJ48NW 1974 1:10,000	SJ48NE 1974 1:10,000

Russian Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

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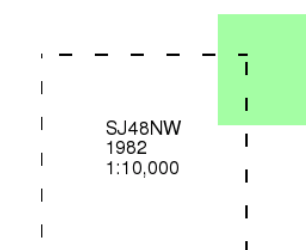
Ordnance Survey Plan

Published 1982

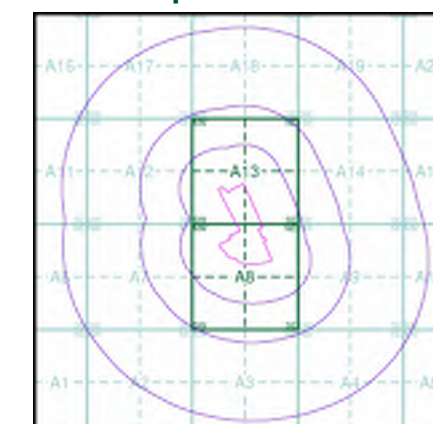
Source map scale - 1:10,000

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: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD



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



St Helens

Published 1984

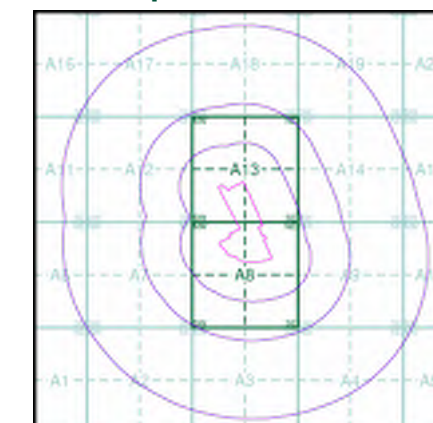
Source map scale - 1:10,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

SJ49SE
1984
1:10,000
SJ48NE
1984
1:10,000

Russian Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD

Landmark
INFORMATION GROUP

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Fax: 0844 844 9951
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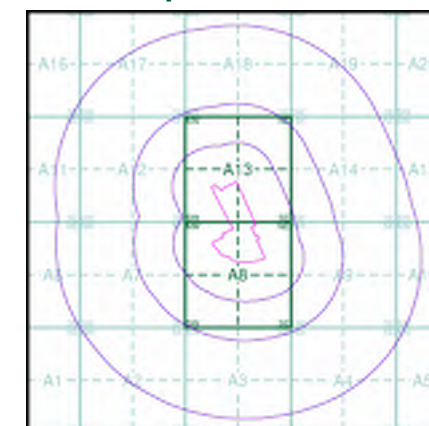


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

SJ49SW	SJ49SE
1990	1991
1:10,000	1:10,000
	SJ48NE
	1990
	1:10,000

Historical Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park,
Liverpool, L36 6AD

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10k Raster Mapping

Published 1999

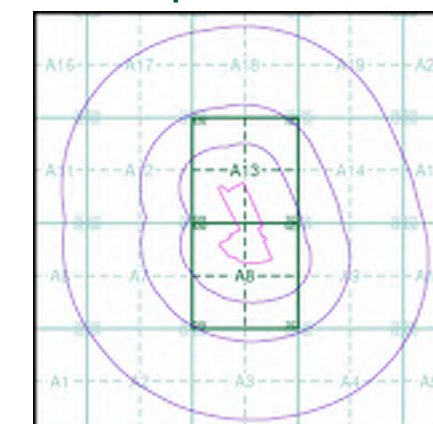
Source map scale - 1:10,000

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)

SJ49SW	SJ49SE
1999	1999
1:10,000	1:10,000
SJ48NW	SJ48NE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

The Sovereign Distillery, Wilson Road, Huyton Business Park, Liverpool, L36 6AD

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10k Raster Mapping

Published 2006

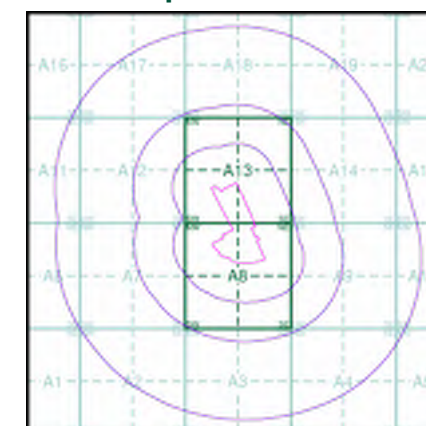
Source map scale - 1:10,000

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)

SJ49SW	SJ49SE
2006	2006
1:10,000	1:10,000
SJ48NW	SJ48NE
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

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VectorMap Local

Published 2020

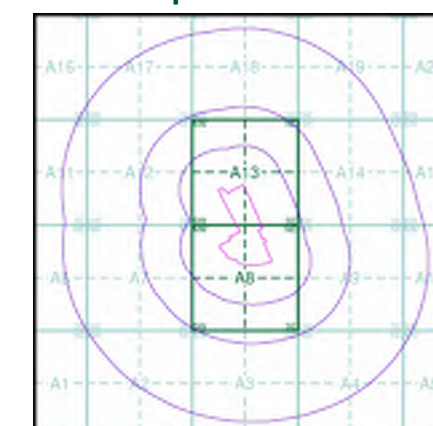
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SJ49SW	SJ49SE
2020	2020
Variable	Variable
SJ48NW	SJ48NE
2020	2020
Variable	Variable

Historical Map - Slice A



Order Details

Order Number: 273420366_1_1
Customer Ref: 784-B024793
National Grid Reference: 345640, 389630
Slice: A
Site Area (Ha): 9.54
Search Buffer (m): 1000

Site Details

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APPENDIX D – COAL AUTHORITY CONSULTANTS REPORT



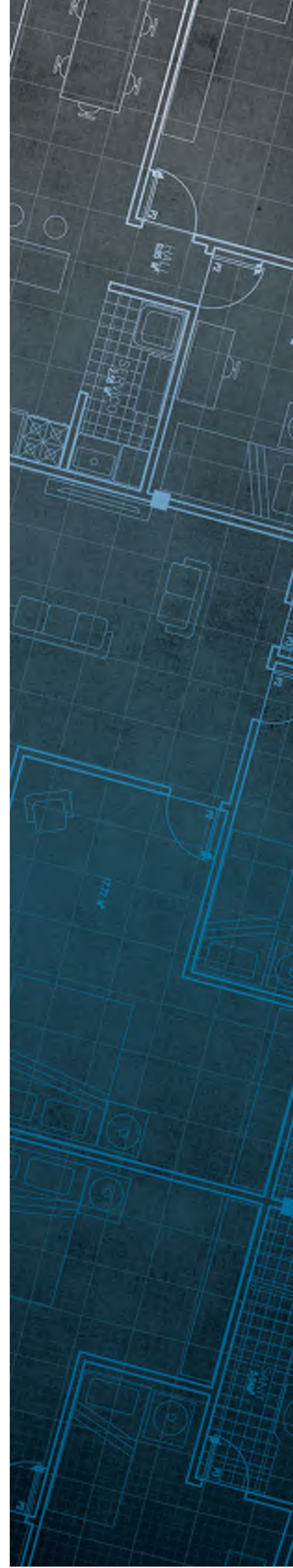
The Coal
Authority

Consultants Coal Mining Report

The Sovereign Distillery
Wilson Road
Huyton
Liverpool
Merseyside
L36 6AD

Date of enquiry:	16 February 2021
Date enquiry received:	16 February 2021
Issue date:	16 February 2021

Our reference:	51002383175001
Your reference:	784-B024793



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

WYG

Enquiry address

The Sovereign Distillery
Wilson Road
Huyton
Liverpool
Merseyside
L36 6AD

How to contact us

0345 762 6848 (UK)
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Nottinghamshire
NG18 4RG

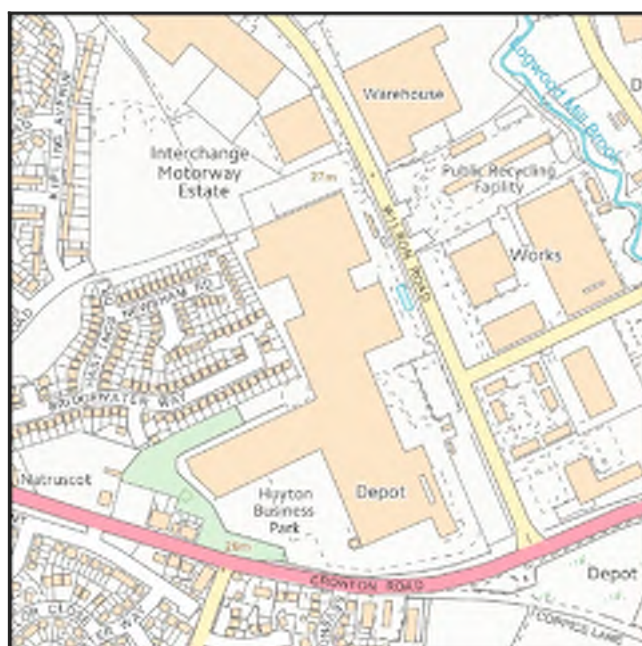
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	WIGAN FOUR FEET	Coal	303X	65	East	11.2	South-West	160	1876

Probable unrecorded shallow workings

Yes.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Shaft	345389-002	345559 389962		Coal	
Shaft	345389-003	345449 389579	This shaft was located during development and was grouted and capped in 1994 by C.H. Stevenson.	Coal	
Shaft	345389-007	345830 389728	This shaft was capped to NCB specifications in 1969. The cap measuring 7.3 metres square by 600mm thick.	Coal	Kestrel Properties Ltd. 10/01/1974
Shaft	345389-008	345794 389728	This shaft was searched for in 1969 but no evidence of it was found	Coal	
Shaft	345389-011	345845 389425		Coal	
Shaft	345389-012	345599 389346		Coal	
Shaft	345389-013	345666 389335	A search was carried out for this shaft during site investigations in 2004. An area measuring 5 metres square around the plotted position of the shaft was excavated down to natural ground and no evidence of the feature was found. It was concluded that the shaft was not located within the area of search. Additionally each proposed plot adjacent to the shaft was probe drilled by Strata Grout Ltd and again no evidence of the shaft was found. This information was taken from a report compiled by Robert E Fry & Associates on behalf of the site developers Jensen Developments Ltd	Coal	
Shaft	345389-017	345765 389550	This shaft was located during a site investigation in 1976 The shaft was then excavated to rockhead where it was reported to terminate.	Coal	
Shaft	345389-018	345775 389544	This shaft was located during a site investigation in 1976 the shaft was then capped with a 4m square RC cap.	Coal	
Shaft	345389-019	345764 389540	This shaft was located during a site investigation in 1976 the shaft was then capped with a 7m square RC cap.	Coal	
Shaft	345389-020	345775 389515	This shaft was located during a site investigation in 1976 the shaft was grouted and capped with a 6m square RC cap.	Coal	
Shaft	345389-021	345764 389463	This shaft was located during a site investigation in 1976. The shaft was then grouted and capped with a 6m square RC cap.	Coal	
Shaft	345389-022	345614 389461	This shaft was located due to a collapse in Feb 1987. The shaft was grouted and capped with a 4.4m square RC cap 2.6m below ground level.	Coal	

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Shaft	345389-023	345668 389760	This shaft was found during development was capped with a 3m square RC raft at rockhead. It is thought that the shaft was then conveyed to Capital @ Counties Ltd. In 1973 but we have no confirmation that this is so	Coal	
Shaft	345389-025	345612 389375	This shaft was located during an investigation carried out by R E Fry @ Associates It was found to be filled. The shaft was subsequently capped with a 5.0m x 5.0m x 450mm reinforced concrete cap 6.0m below ground level.	Coal	
Shaft	345389-026	345595 389319	This shaft was located during an investigation carried out by R E Fry @ Associates. It was found to have been filled. The shaft was then capped with a 8.0m x 8.0m x 600mm reinforced concrete cap 2.5m below ground level.	Coal	

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

16820	570	PO0
-------	-----	-----

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
HAIGH YARD	Coal	Yes	Within	N/A	58
HIGHER FLORIDA	Coal	Yes	Within	N/A	261
HIGHER PIGEON HOUSE (PIGEON HOUSE)	Coal	Yes	Within	N/A	81
LOWER FLORIDA	Coal	Yes	Within	N/A	81
PLODDER	Coal	Yes	Within	N/A	59
RAMS	Coal	Yes	Within	N/A	81
RUSHY PARK	Coal	Yes	Within	N/A	60
ST. HELENS YARD	Coal	Yes	Within	N/A	79
TRENCHERBONE	Coal	Yes	Within	N/A	64
WIGAN FOUR FEET	Coal	Yes	Within	N/A	62
WIGAN FOUR FEET	Coal	Yes	33.5	North	74

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Faults under or close to the property recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

Distance to site investigation (m)	Direction
3.7	South-West
Within	N/A
5.4	South-West
Within	N/A
49.4	South
Within	N/A
Within	N/A
Within	N/A
Within	N/A
23.9	North-East

See Section 4 for further information.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

Site investigations

The site is within an area of previous interest. It is close to where the Coal Authority has received information relating to past site investigations.

The site requires further investigation and may influence how you approach your risk assessment.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

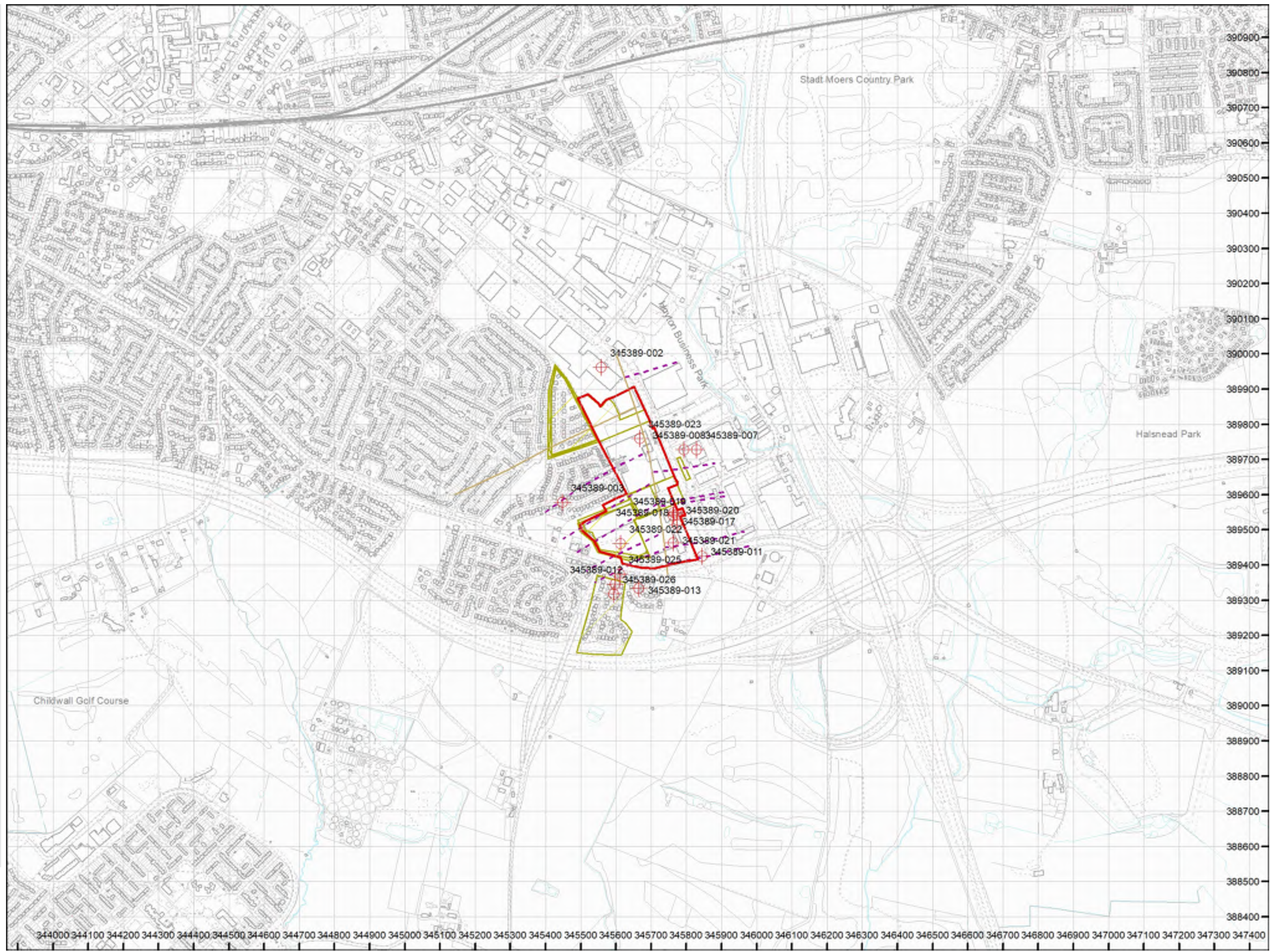
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

- Approximate position of the enquiry boundary shown 
- Disused mine shaft 
- Outcrop (Conjectured) 
- Geological faults 
- Site investigations 

How to contact us
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+44 (0)1623 637 000 (International)
www.groundstability.com



APPENDIX E – CIRIA C552 RISK METHODOLOGY

The following tables are derived from CIRIA C552 and have been used to define the risk rating presented in the Qualitative Risk Assessment matrix.

Classification of consequence

Classification	Definition
Severe	Short term (acute) risk to human health likely to result in 'significant harm' as defined by the Environment Protection Act 1990, Part IIA. Short term risk of pollution (note; Water Resources Act contains no scope for considering significant pollution) of sensitive water resource. Catastrophic damage to building/property. A short-term risk to a particular ecosystem, or organism forming part of such ecosystem. (Note the definitions of ecological systems within the Draft Circular on Contaminated Land DETR, 2000).
Medium	Chronic damage to human health ('significant harm', as defined In DETR, 2000). Pollution of sensitive water resources (note; Water Resources Act contains no scope for considering significant pollution). A significant change in a particular ecosystem, or an organism forming part of such an ecosystem. (Note the definitions of ecological systems within the Draft Circular on Contaminated Land DETR, 2000).
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ('significant harm', as defined In DETR, 2000). Damage to sensitive buildings/structures/services or the environment.
Minor	Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc). Easily repairable effects of damage to buildings, structures and services.

Classification of probability

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

Matrix of consequence against probability to gain a risk classification

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very High Risk	High Risk	Moderate Risk	Moderate/Low Risk
	Likely	High Risk	Moderate Risk	Moderate/Low Risk	Low Risk
	Low likelihood	Moderate Risk	Moderate/Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate/Low Risk	Low Risk	Very Low Risk	Very Low Risk