



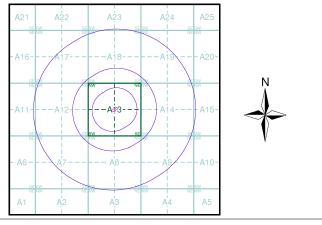
# **Ordnance Survey Plan** Published 1966 - 1968 Source map scale - 1:10,000

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

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

 	SJ39S 1967 1:10,56	 SJ39SE 1968 1:10,560	 
     	SJ38N 1966 1:10,56	  SJ38NE 1967 1:10,560	- ! !

#### **Historical Map - Slice A**



#### **Order Details**

Order Number: 73463009\_1\_1 Customer Ref: 10/0795 National Grid Reference: 334720, 389200

Site Area (Ha): Search Buffer (m): 0.18

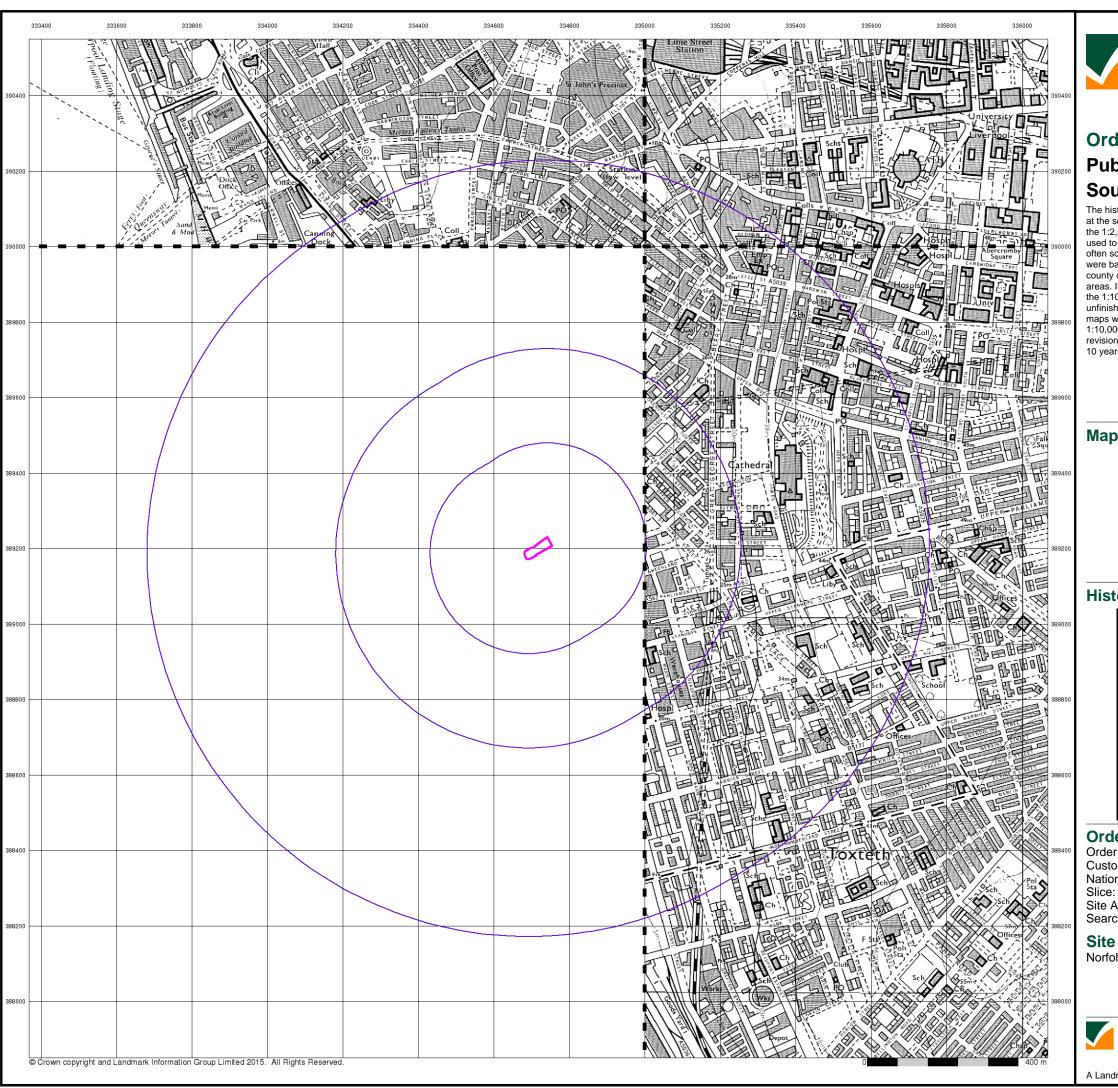
#### **Site Details**

Norfolk Street, Liverpool, L1 0BG



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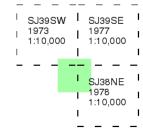




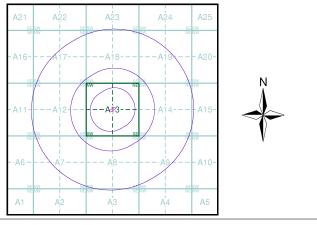
# **Ordnance Survey Plan Published 1973 - 1978** Source map scale - 1:10,000

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)



#### **Historical Map - Slice A**



#### **Order Details**

Order Number: 73463009\_1\_1 Customer Ref: 10/0795 National Grid Reference: 334720, 389200

Site Area (Ha): Search Buffer (m): 0.18

#### **Site Details**

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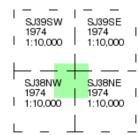
# Liverpool **Published 1974** Source map scale - 1:10,000

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.

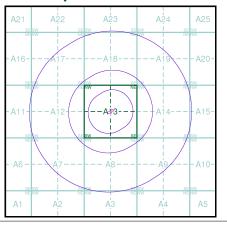
They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have

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

# Map Name(s) and Date(s)



### Russian Map - Slice A



#### **Order Details**

Order Number: 73463009\_1\_1 Customer Ref: 10/0795 National Grid Reference: 334720, 389200

Site Area (Ha): Search Buffer (m): 0.18

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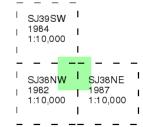




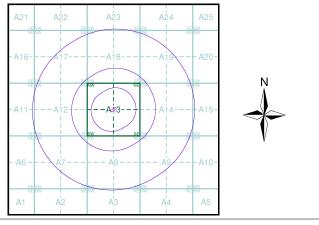
# **Ordnance Survey Plan** Published 1982 - 1987 Source map scale - 1:10,000

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: 73463009\_1\_1 Customer Ref: 10/0795 National Grid Reference: 334720, 389200

Site Area (Ha): Search Buffer (m): 0.18

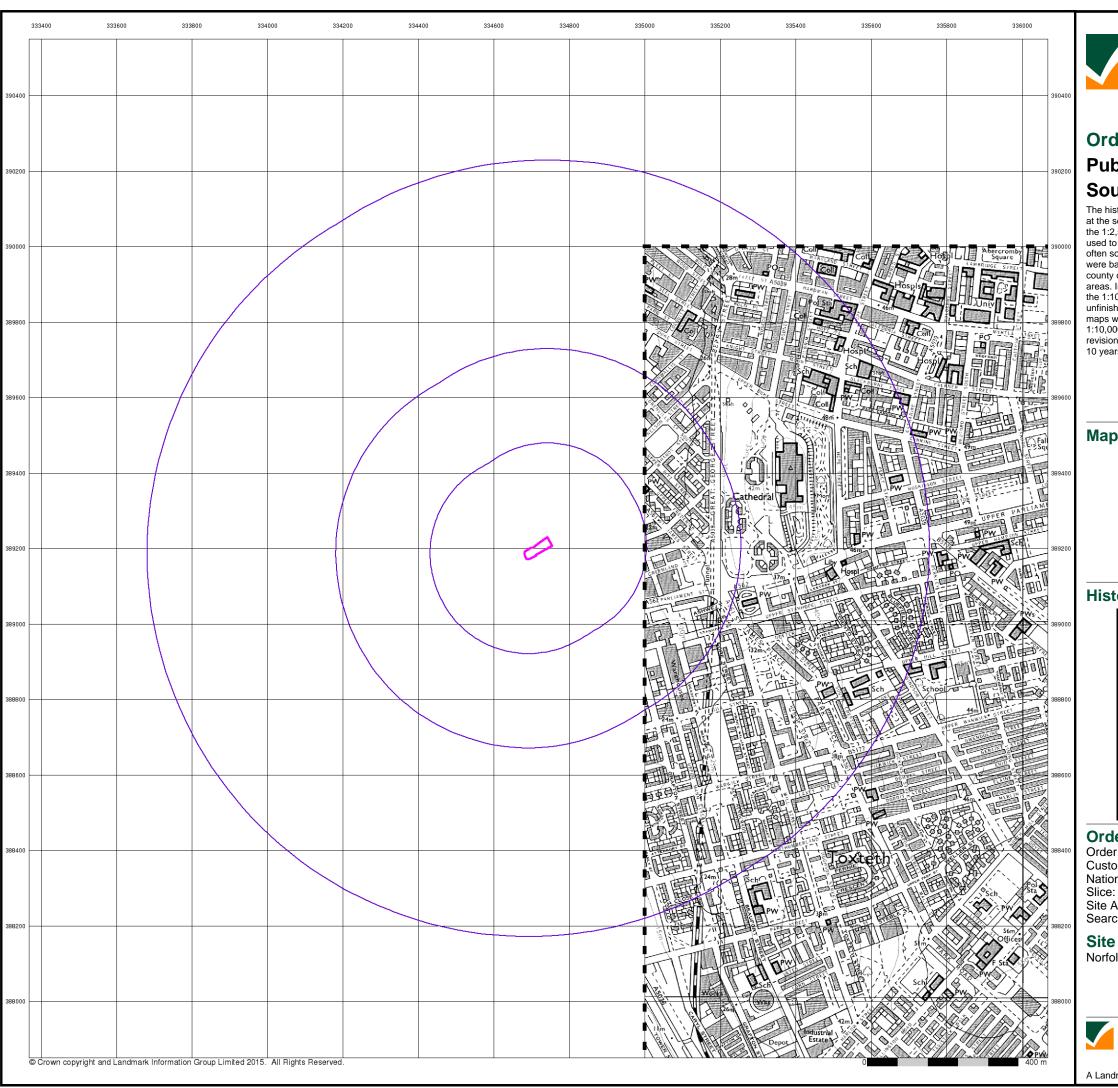
#### **Site Details**

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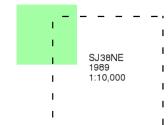




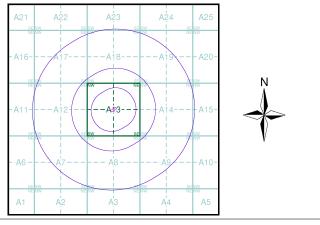
# **Ordnance Survey Plan Published 1989** Source map scale - 1:10,000

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

# Map Name(s) and Date(s)



#### **Historical Map - Slice A**



#### **Order Details**

Order Number: 73463009\_1\_1 Customer Ref: 10/0795 National Grid Reference: 334720, 389200

Site Area (Ha): Search Buffer (m): 0.18

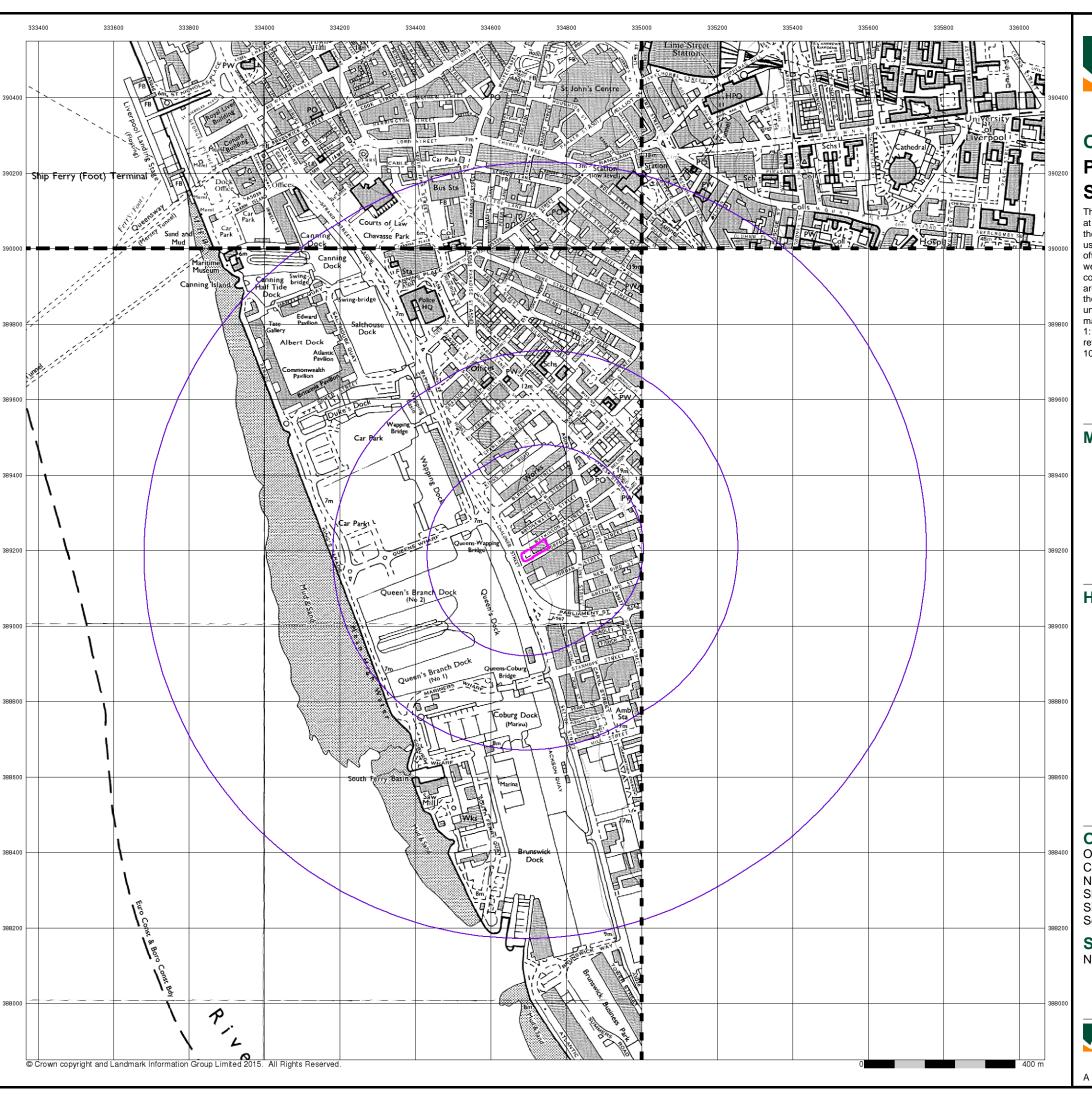
#### **Site Details**

Norfolk Street, Liverpool, L1 0BG



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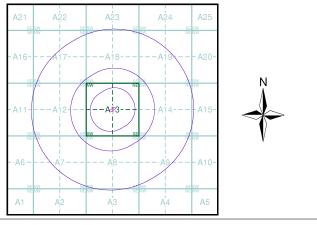
# **Ordnance Survey Plan** Published 1990 - 1991 Source map scale - 1:10,000

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

# Map Name(s) and Date(s)

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#### **Historical Map - Slice A**



#### **Order Details**

Order Number: 73463009\_1\_1 Customer Ref: 10/0795 National Grid Reference: 334720, 389200 Slice:

Site Area (Ha): Search Buffer (m): 0.18

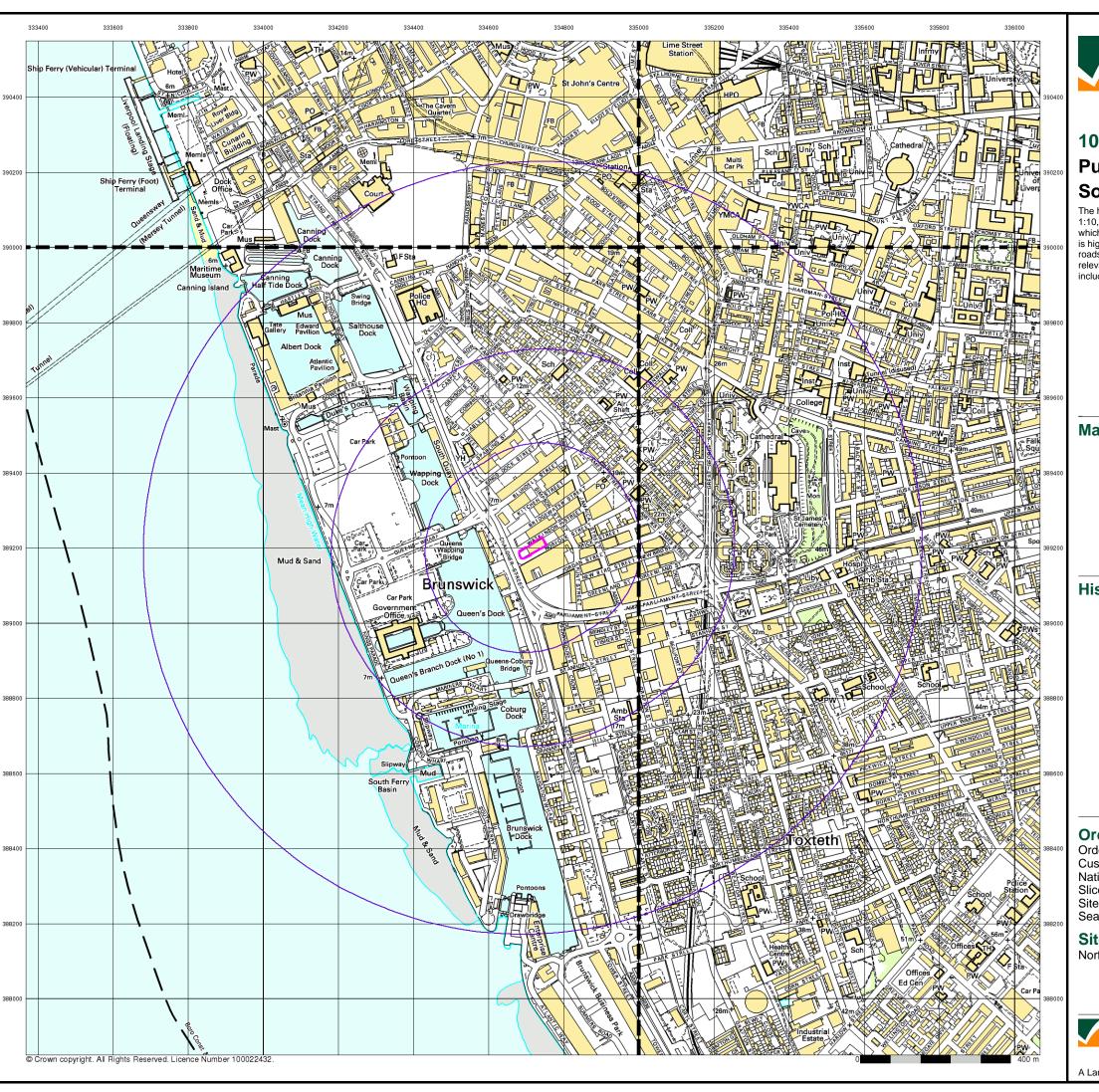
#### **Site Details**

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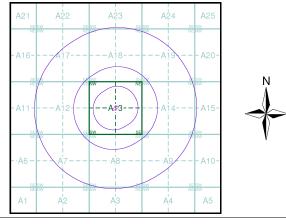
# 10k Raster Mapping **Published 2006** Source map scale - 1:10,000

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)

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#### **Historical Map - Slice A**



#### **Order Details**

73463009\_1\_1 10/0795 Order Number: Customer Ref: National Grid Reference: 334720, 389200

Site Area (Ha): Search Buffer (m): 0.18

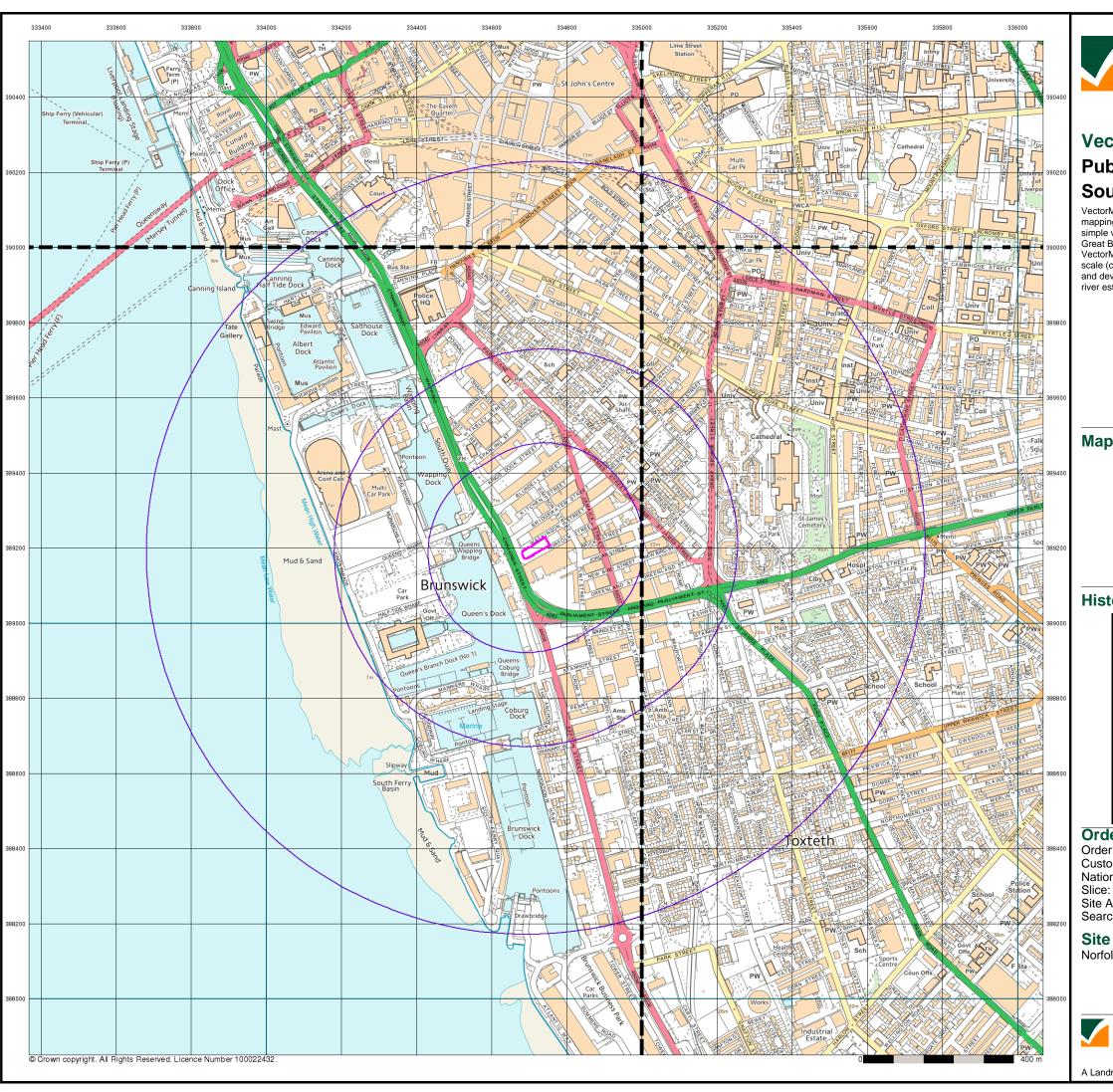
#### **Site Details**

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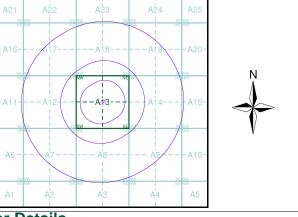
# VectorMap Local Published 2015 Source map scale - 1:10,000

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)

	SJ39S 2015 Variabl		SJ39SE 2015 Variable	 
	SJ38N	1	SJ38NE	-
-	2015		2015	!
-	Variabl		Variable	!

#### **Historical Map - Slice A**



#### **Order Details**

Order Number: 73463009\_1\_1 Customer Ref: 10/0795 National Grid Reference: 334720, 389200

ice:

Site Area (Ha): 0.18 Search Buffer (m): 1000

#### **Site Details**

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# APPENDIX III GEOLOGICAL MAPS

# **Geology 1:50,000 Maps Legends**

#### **Artificial Ground and Landslip**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Cenozoic - Cenozoic
$\overline{Z}$	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene
	WGR	Worked Ground (Undivided)	Void	Holocene - Holocene

#### **Superficial Geology**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TFD	Tidal Flat Deposits	Clay, Silty, Sandy [Unlithified Deposits Coding Scheme]	Holocene - Holocene
	TILLD	Till, Devensian	Clay, Sandy, Gravelly, Cobbly [Unlithified Deposits Coding Scheme]	Devensian - Devensian
	SSA	Shirdley Hill Sand Formation	Sand	Flandrian - Devensian

#### **Bedrock and Faults**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TPSF	Tarporley Siltstone Formation	Siltstone, Mudstone and Sandstone	Anisian - Olenekian
	HEY	Helsby Sandstone Formation	Sandstone	Anisian - Early Triassic
	СРВ	Chester Pebble Beds Formation	Sandstone, Pebbly (Gravelly)	Early Triassic - Early Triassic
	WLSF	Wilmslow Sandstone Formation	Sandstone	Early Triassic - Early Triassic
/		Faults		



#### Geology 1:50,000 Maps

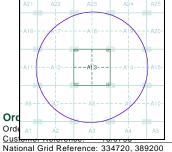
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

#### Geology 1:50,000 Maps Coverage

Map ID: Map Sheet No: Map Name: Map Date: Liverpool 2006 Available Bedrock Geology: Superficial Geology: Artificial Geology: Available Available Faults: Not Supplied Landslip:

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



Slice:

Site Area (Ha): 0.18 Search Buffer (m):

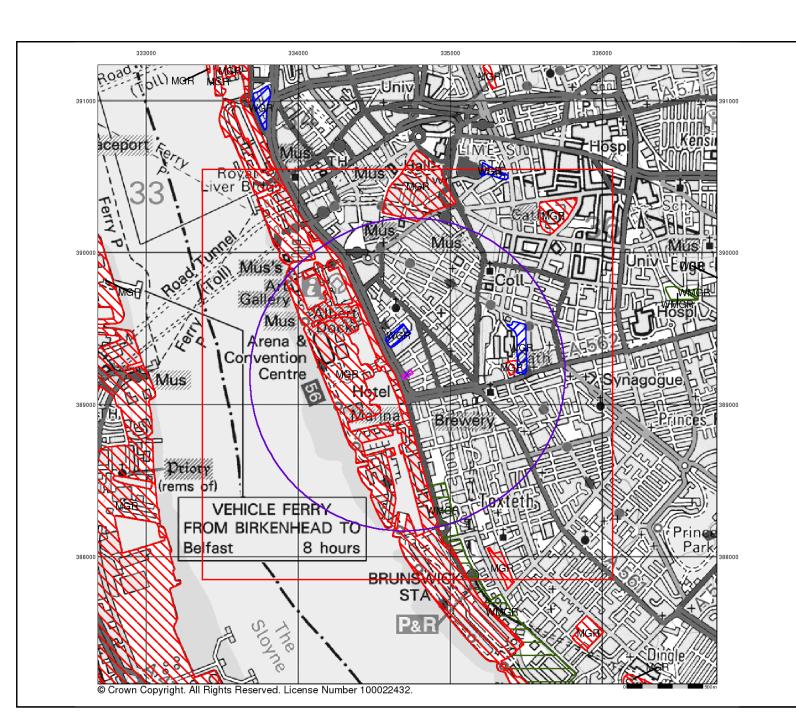
Site Details:

Norfolk Street, Liverpool, L1 0BG



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#### **Artificial Ground and Landslip**

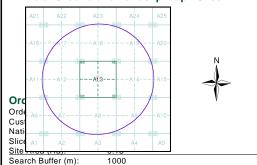
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

#### Artificial ground includes:

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

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

#### Artificial Ground and Landslip Map - Slice A



#### Site Details:

Norfolk Street, Liverpool, L1 0BG



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