

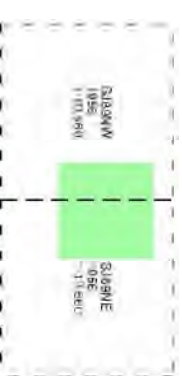
Ordnance Survey Plan

Published 1956

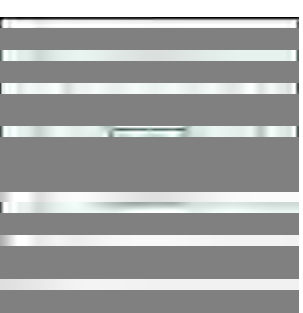
Source map scale - 1:10,000

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 1:2500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1930, all OS maps were produced by the Ordnance Survey, which was a government department. In the late 1940's, a Provisional Edition was produced which updated the 1:10,000 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: 234554003_1_1
 Customer Ref: 075424
 National Grid Reference: 385270, 398040
 Slice: A
 Site Area (ha): 0.22
 Search Buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW

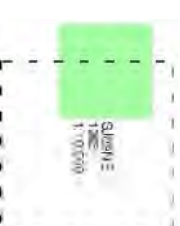
Ordnance Survey Plan

Published 1968

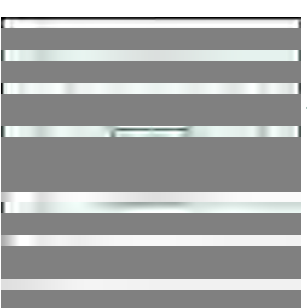
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1930, all OS maps were produced using the Transverse Mercator Projection. In 1940, a new county or group of counties, often one to significant measures in outline areas. In the late 1940's, a Revised Edition was produced which updated the 1:10,000 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: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
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Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



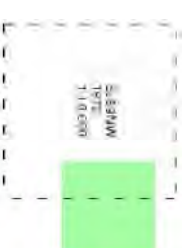
Ordnance Survey Plan

Published 1972

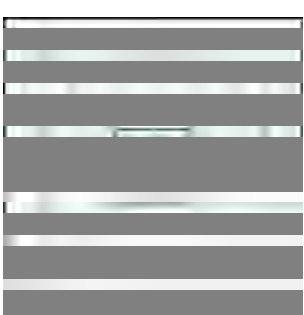
Source map scale - 1:10,000

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 1:2500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1930, all OS maps were drawn to the Transverse Mercator Projection. In 1930, the county or group of counties, often due to significant inaccuracies in earlier areas. In the late 1940's, a Provisional Edition was produced which updated the 1:10,000 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: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 1000
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



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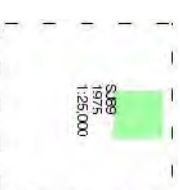
Manchester

Published 1975

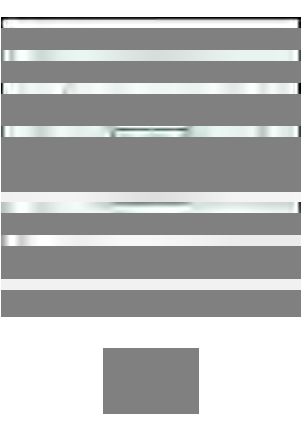
Source map scale - 1:25,000

These maps were produced by the Russian military during the Cold War between 1950 and 1987, 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 of development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as schools, hospitals, etc.) are numbered, with a corresponding number in the U.S. (factories etc.) are numbered, with a corresponding number in the U.S. 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)

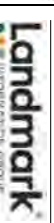


Russian Map - Slice A



Order Details

Order Number: 23455-0003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 1000
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



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

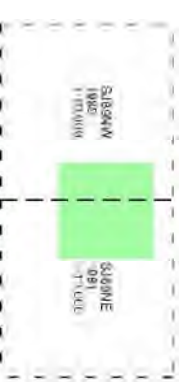
Ordnance Survey Plan

Published 1980 - 1981

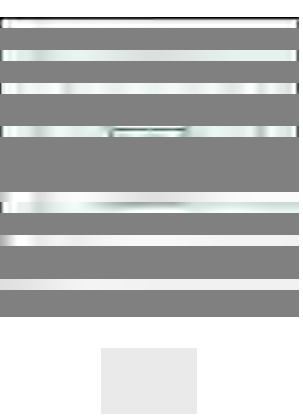
Source map scale - 1:10,000

The historical maps shown are reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1930, all OS maps were produced by the Ordnance Survey, which was a government department. In the late 1940's, a Provincial Edition was produced which updated the 1:10,000 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: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW

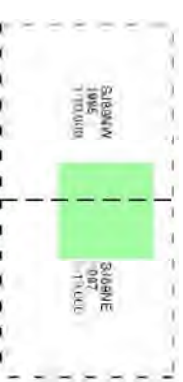
Ordnance Survey Plan

Published 1985 - 1987

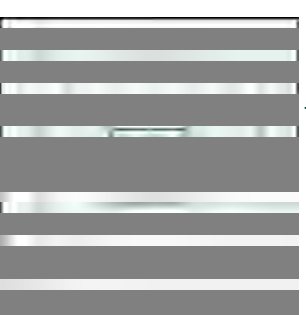
Source map scale - 1:10,000

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 1:2500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1930, all OS maps were drawn to a scale of 1 inch to a mile. In 1930, the Ordnance Survey introduced a new group of maps, based on the 1:10,000 scale, which were produced in outline only. In the late 1940's, a Provisional Edition was produced which updated the 1:10,000 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: 234554003_1_1
 Customer Ref: 075424
 National Grid Reference: 385270, 398040
 Slice: A
 Site Area (ha): 0.22
 Search Buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



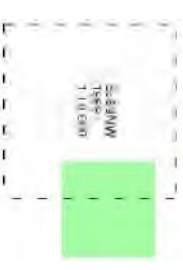
Ordnance Survey Plan

Published 1989

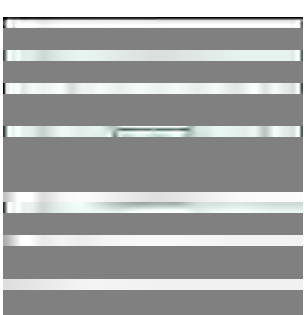
Source map scale - 1:10,000

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 1:2500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1930, all OS maps were drawn to the Ordnance Survey datum. In 1948, the datum was changed to the current datum, and all maps produced since then have been updated to this datum. In the late 1940's, a Provisional Edition was produced which updated the 1:10,000 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: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 1000
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



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

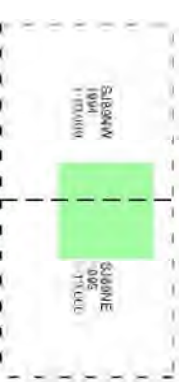
Ordnance Survey Plan

Published 1993 - 1994

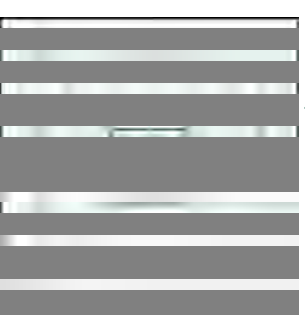
Source map scale - 1:10,000

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 1:10,000 maps. The published date given therefore is often some years later than the surveyed date. Before 1930, all OS maps were drawn to a scale of 1 inch to a mile. The 1:10,000 scale was adopted for mapping urban areas. In the late 1940's, a Revised Edition was produced which updated the 1:10,000 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: 234554003_1_1
 Customer Ref: 075424
 National Grid Reference: 385270, 398040
 Slice: A
 Site Area (ha): 0.22
 Search Buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



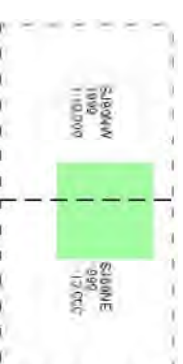
10k Raster Mapping

Published 1999

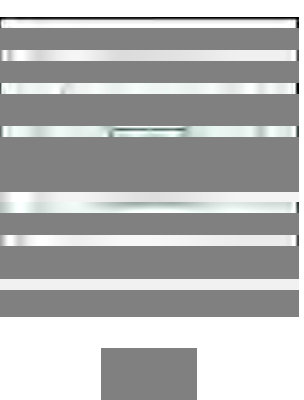
Source map scale - 1:10,000

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 names of rivers and streams. The maps are published at a scale which includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



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

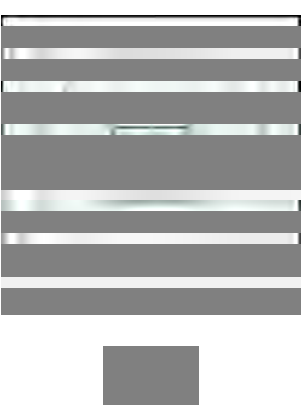


Published 2006

Source map scale - 1:10,000

The historic 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. Flood names are also included together with the relevant road number and classification. Boundary information depicts county, unitary authority, district, civil parishes and constituency.

Map Name(s) and Date(s)



Order Details

Order Number:	234554003_1_1
Customer Ref:	075424
National Grid Reference:	385270, 398040
Site:	A
Site Area (Ha):	0.22
Search Buffer (m):	1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



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

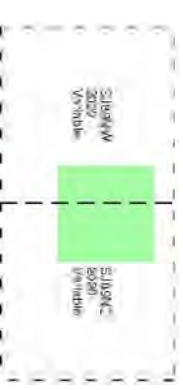
VectorMap Local

Published 2020

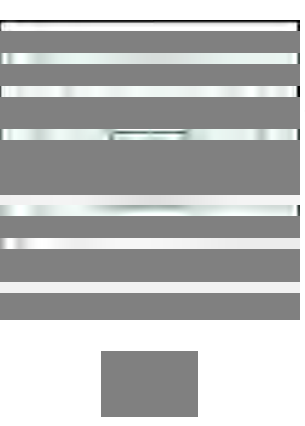
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'background' mapping product. These maps are produced from OS's VectorMap Local, a single 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 digital data surveyed at 1:250 scale (including buildings, roads, railways, water features, etc.) and is then scaled (reduced) to 1:10,000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



Historical Map - Slice A



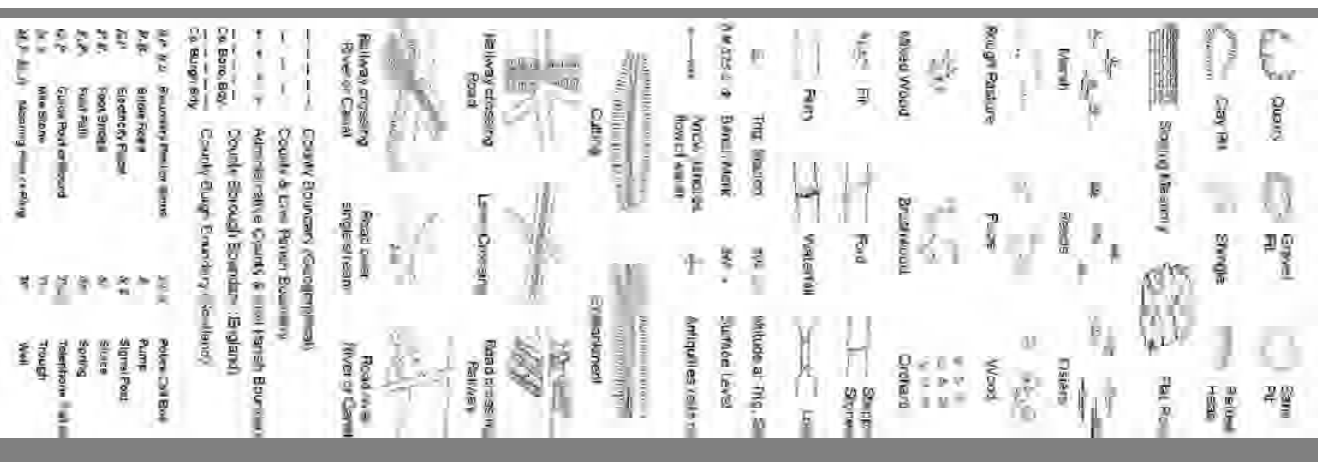
Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (Ha): 0.22
Search Buffer (m): 1000

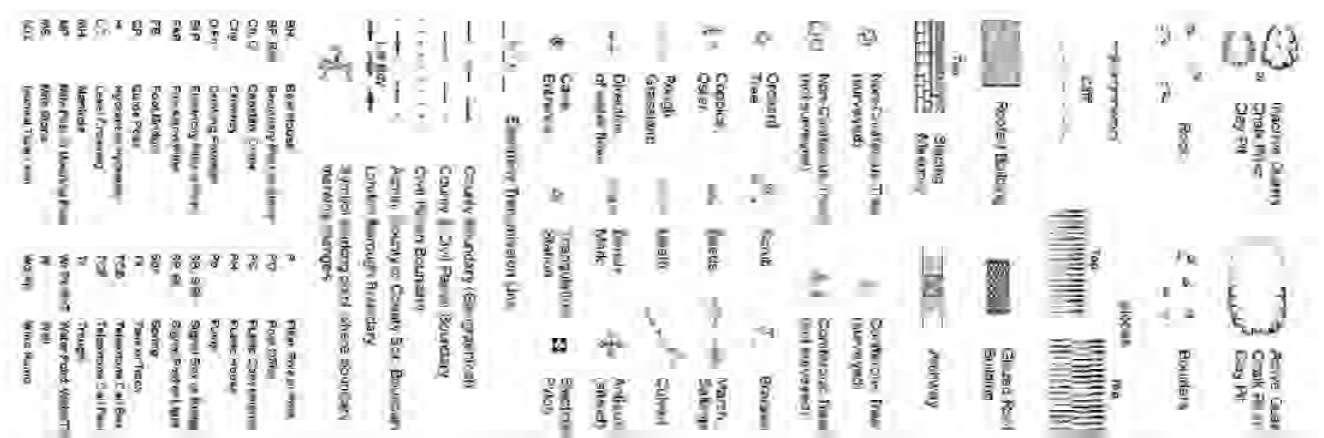
Site Details

2 Heyrod Street, MANCHESTER, M1 2WW

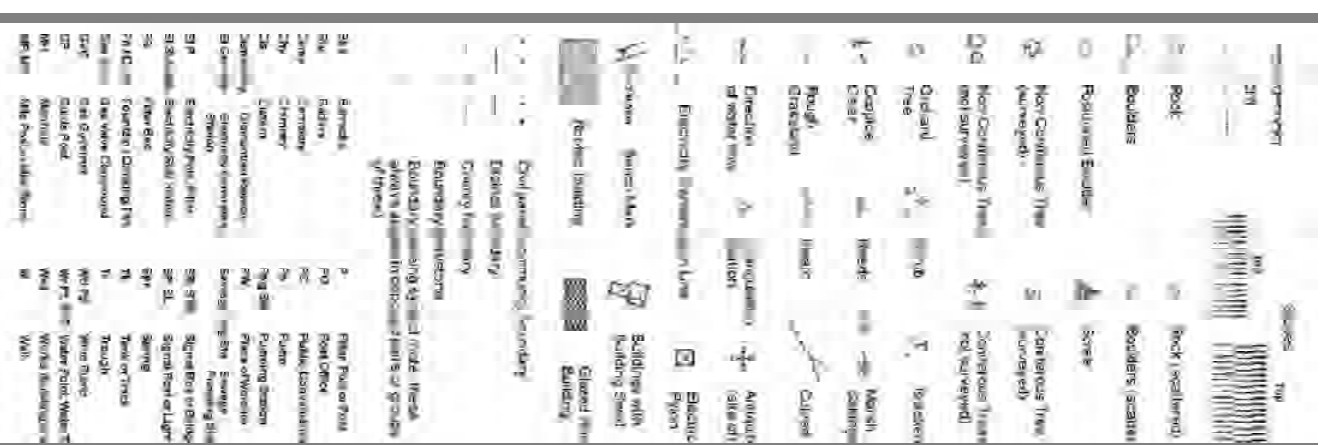
Ordnance Survey County Series and
Ordnance Survey Plan 1:2,500



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



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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1883	2
Lancashire And Furness	1:2,500	1908	3
Lancashire And Furness	1:2,500	1922 - 1932	4
Ordnance Survey Plan	1:2,500	1948	5
Ordnance Survey Plan	1:2,500	1960 - 1961	6
Ordnance Survey Plan	1:2,500	1962 - 1963	7
Ordnance Survey Plan	1:2,500	1963 - 1965	8
Ordnance Survey Plan	1:2,500	1965 - 1967	9
Ordnance Survey Plan	1:2,500	1967 - 1968	10
Ordnance Survey Plan	1:2,500	1969 - 1970	11
Ordnance Survey Plan	1:2,500	1971 - 1991	12
Ordnance Survey Plan	1:2,500	1974 - 1976	13
Supply of Unpublished Survey Information	1:2,500	1979 - 1991	14
Additional SIMs	1:2,500	1985 - 1991	15
Ordnance Survey Plan	1:2,500	1989	16
Additional SIMs	1:2,500	1989 - 1992	17
Additional SIMs	1:2,500	1990	18
Additional SIMs	1:2,500	1990	19
Additional SIMs	1:2,500	1992	20
Large-Scale National Grid Data	1:2,500	1994 - 1995	21
Large-Scale National Grid Data	1:2,500	1996	22
Large-Scale National Grid Data	1:2,500	1996	23
Historical Aerial Photography	1:2,500	2000	24
			25

Historical Map - Segment A13



Order Details

Order Number: 234554003_11
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (Ha): 0.22
Search Buffer (m): 100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



Tel: 0844 944 9952
Fax: 0844 944 9951
Web: www.landmark.co.uk

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1886 it covered the whole of what was considered to be the cultivated parts of Great Britain. The post 1886 edition is often some years later than the original survey. The 1893 OS map is a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

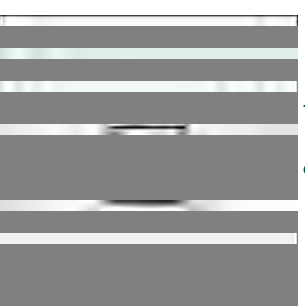
Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW

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 1886 it covered the whole of what were considered to be the cultivated parts of Great Britain. The post 1918 Ordnance Survey is often some years later than the historical maps. The Ordnance Survey of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



Lancashire And Furness

Published 1922 - 1932

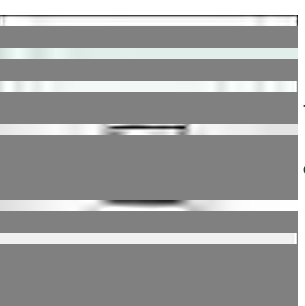
Source map scale - 1:2,500

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 1886 it covered the whole of what were considered to be the cultivated parts of Great Britain. The post-Buster 1988 OS map is often some years later than the original survey. The 1988 OS map is often some years later than the original survey, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



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

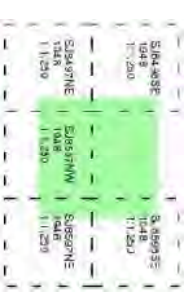


Ordnance Survey Plan Published 1948

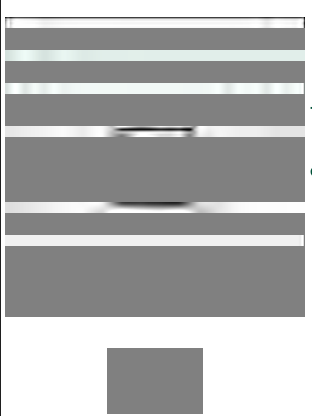
Source map scale - 1:1,250

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 1886 it covered the whole of what were considered to be the cultivated parts of Great Britain. The British Ordnance Survey is older some years than the Ordnance Survey of the United States. The Ordnance Survey of the United States, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
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Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



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



Ordnance Survey Plan

Published 1950 - 1951

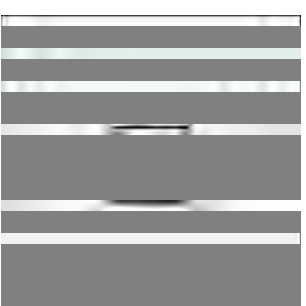
Source map scale - 1:2,500

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 1886 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published Ordnance Survey map is often some years later than the original survey. The 1950 OS map is a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

S.8609	S.8609
1:2,500	1:2,500
S.8609	S.8609
1:2,500	1:2,500

Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



Ordnance Survey Plan

Published 1952 - 1963

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 1886 it covered the whole of what were considered to be the cultivated parts of Great Britain. The post-1945 Ordnance Survey is older some years later than the original maps. The 1:2,500 scale is a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

5.04.45E	5.04.45W	5.04.45E
1084	1082	1082
1:1,250	1:1,250	1:1,250
5.04.45E	5.04.45W	5.04.45E
1084	1082	1082
1:1,250	1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 234554003_1.1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW

Ordnance Survey Plan
Published 1953 - 1965

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 1840s. In 1854 the 1:25,000 scale was adopted for mapping urban areas and by 1869 it covered the whole of what were then known to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1898, 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 many areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	234554003_1_1
Customer Ref:	075424
National Grid Reference:	385270, 398040
Slice:	A
Site Area (Ha):	0.22
Search Buffer (m):	100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



Additional SIMs

Published 1958 - 1986

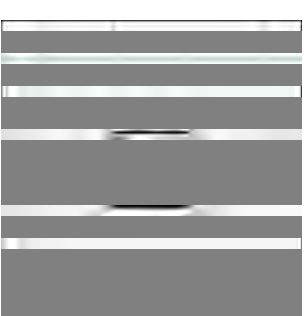
Source map scale - 1:1,250

The SIM cards (Curtins 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)

SIM 4003	1973	1973	1973
1:1,250	1:1,250	1:1,250	1:1,250
SIM 4003	1973	1973	1973
1:1,250	1:1,250	1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



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Ordnance Survey Plan

Published 1965

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 1886 it covered the whole of what were considered to be the cultivated parts of Great Britain. The earliest Ordnance Survey map is often some years later than the actual date of the survey. The OS map is a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



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

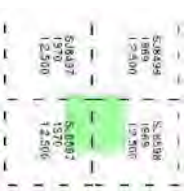
Ordnance Survey Plan

Published 1969 - 1970

Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1886 it covered the whole of what were considered to be the cultivated parts of Great Britain. The post-1886 editions of the OS maps are often some years later than the original surveys. The OS maps are often some years later than the original surveys, 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)





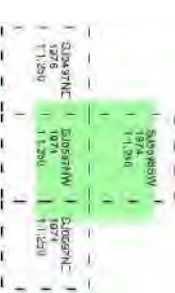
Supply of Unpublished Survey Information

Published 1974 - 1976

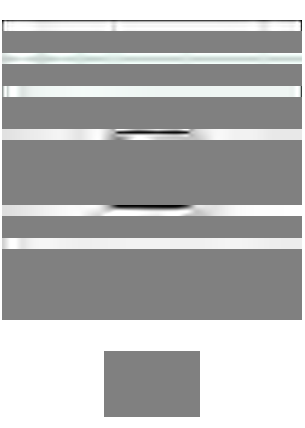
Source map scale - 1:1,250

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 A13



Order Details

Order Number: 23455-4003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



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Web: www.ordnancesurvey.co.uk

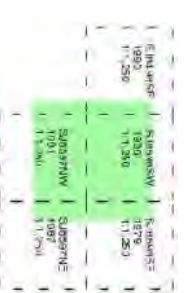
Additional SIMs

Published 1979 - 1991

Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Site: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



Additional SIMs

Published 1985 - 1991

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)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



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

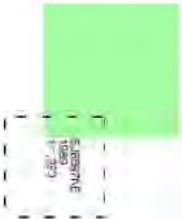


Ordnance Survey Plan
Published 1989

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 1886 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published Ordnance Survey map is often some years later than the original data used. The Ordnance Survey map is based on the OS National Grid Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 100
Site Details
2 Heyrod Street, MANCHESTER, M1 2WW



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Additional SIMs

Published 1989 - 1992

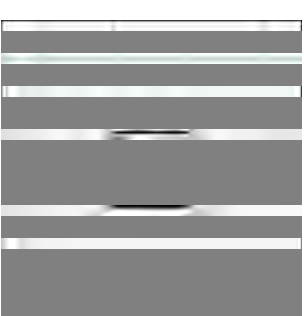
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



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



Additional SIMs

Published 1990

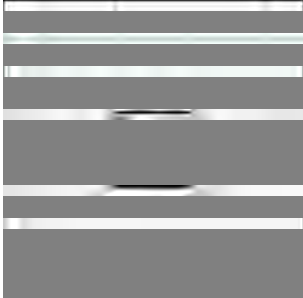
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



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Web: www.minidirect.co.uk



Additional SIMs

Published 1990

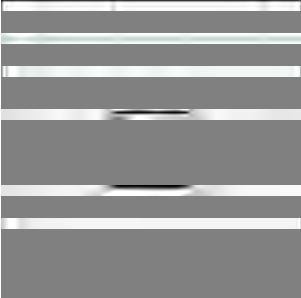
Source map scale - 1:1,250

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)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



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



Published 1992

Source map scale - 1:1,250

¹Large Scale National Grid Data super-seeded SIM cards (Ordnance Survey's Survey of Information on Microfilm) in 1992, and continued to be produced until 1998. These maps were the over-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)

Historical Map - Segment A13

Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (Ha): 0.22
Search Buffer (m): 100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



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Web: www.envirocheck.co.uk



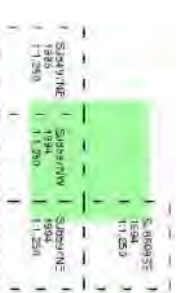
Large-Scale National Grid Data

Published 1994 - 1995

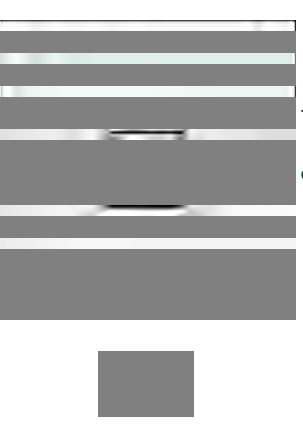
Source map scale - 1:1,250

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 forerunners of digital mapping and so provide detailed information on houses and roads but tend to show less topographic detail such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



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Web: www.landmark.co.uk



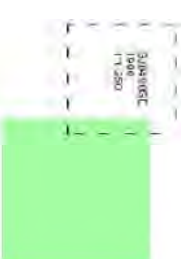
Large-Scale National Grid Data

Published 1996

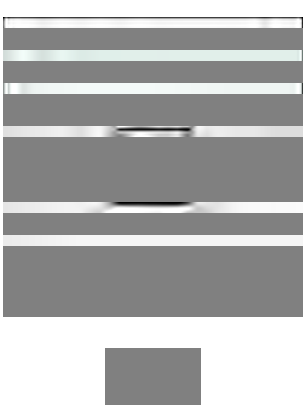
Source map scale - 1:1,250

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 forerunners 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)



Historical Map - Segment A13



Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW



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Web: www.landmark.co.uk



Large-Scale National Grid Data

Published 1996

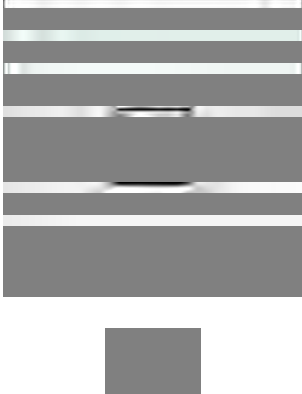
Source map scale - 1:1,250

Large Scale National Grid Data superseded SIM cards (Ordnance Survey's Survey of Information on Microfilm) in 1992, and continued to be produced until 1996. These maps were the forerunners 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)



Historical Map - Segment A13



Order Details

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Slice: A
Site Area (ha): 0.22
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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

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

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TLLD	Till, Devensian	Diancton	Not Supplied - Devensian
	GRSDD	Glacioluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHES	Chester Formation	Sandstone	Not Supplied - Cienekian
	MM	Manchester Maels Formation	Mudstone	Not Supplied - GUADALUPAN
	CS	Collyhurst Sandstone Formation	Sandstone	Not Supplied - Cisarlian
	HA	Halesowen Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	GM.L	Great Mine Limestone	Limestone	Not Supplied - Westphalian
	HTS	Holt Town Sandstone Bed	Sandstone	Not Supplied - Westphalian
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	OPS	Opershaw Sandstone	Sandstone	Not Supplied - Westphalian
	WDR	Worsley Dell Rock	Sandstone	Not Supplied - Westphalian
	NHSS	Newton Heath Sandstone	Sandstone	Not Supplied - Westphalian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	ETM	Etruria Formation	Sandstone and Mudstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		



Geology 1:50,000 Maps

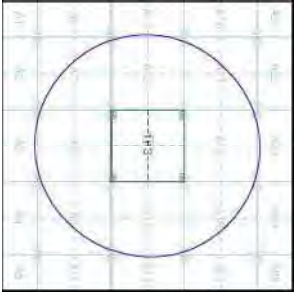
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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: 1065
Map Sheet No: 1065
Map Scale: 1:50,000
Map Date: 2010
Bedrock Geology: Available
Superficial Geology: Not Available
Artificial Geology: Not Available
Landslip: Not Supplied
Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

Order Number: 234554003_1_1
Customer Reference: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (Ha): 0.22
Search Buffer (m): 1000

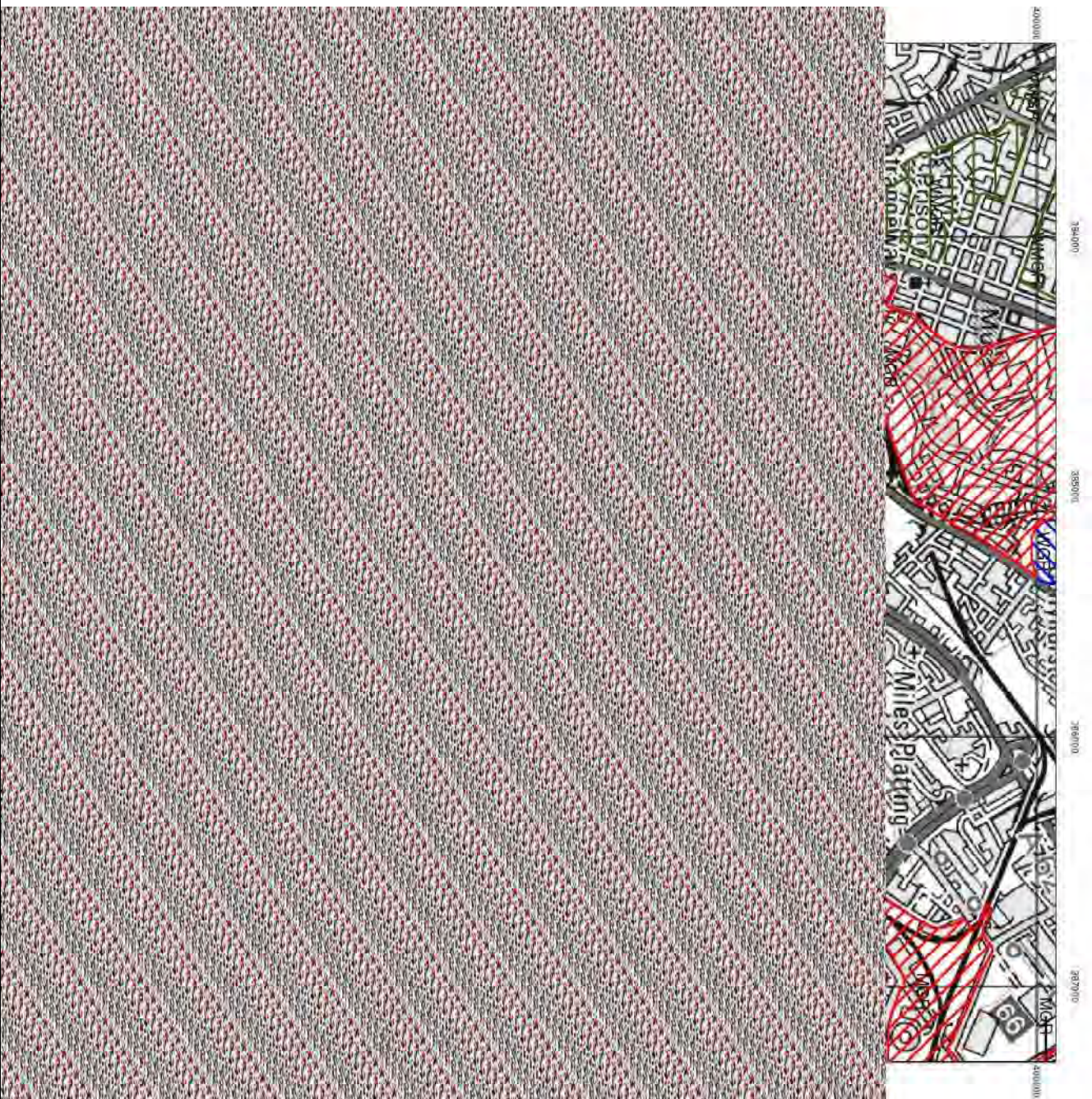
Site Details:

2 Heyrod Street, MANCHESTER, M1 2WW



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Fax: 0844 644 9951
Web: www.environment.co.uk



Artificial Ground and Landslip

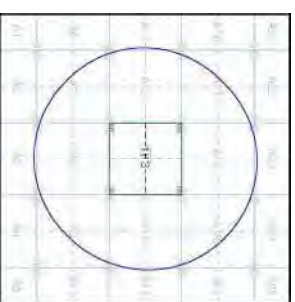
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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.
- In-filled 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 founded strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number: 234554003_1_1
Customer Reference: 075424
National Grid Reference: 385270, 388040
Slice: A
Site Area (Ha): 0.22
Search Buffer (m): 1000

Site Details:

2 Heyrod Street, MANCHESTER, M1 2WW



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

Superficial Geology

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

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

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

Superficial Geology Map - Slice A

Order Details:

Order Number: 234554003_1_1
Customer Reference: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (Ha): 0.22
Search Buffer (m): 1000

Site Details:

2 Heyrod Street, MANCHESTER, M1 2WW

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Web: www.environment.co.uk

Bedrock and Faults

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

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

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

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

Bedrock and Faults Map - Slice A

Order Details:

Order Number: 234554003_1_1
Customer Reference: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (Ha): 0.22
Search Buffer (m): 1000

Site Details:

2 Heyrod Street, MANCHESTER, M1 2WW

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

Combined Surface Geology

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

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

Additional Information

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

Contact

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

Combined Geology Map - Slice A

Order Details:

Order Number: 234554003_1_1
Customer Reference: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (Ha): 0.22
Search Buffer (m): 1000

Site Details:

2 Heyrod Street, MANCHESTER, M1 2WW

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

Site Sensitivity Map - Segment A13

Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Plot Buffer (m): 100

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW

Site Sensitivity Map - Slice A

Order Details
Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 1000

Site Details
2 Heyrod Street, MANCHESTER, M1 2WW

Industrial Land Use Map

Industrial Land Use Map - Slice A

Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW

Flood Map - Slice A

Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW

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

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

Borehole Map - Slice A

Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW

OS Water Network Map - Slice A

Order Details
Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 1000

Site Details
2 Heyrod Street, MANCHESTER, M1 2WW

EA\NRW Suitability Map - Slice A

Order Details

Order Number: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search Buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW

Urban Soil Chemistry Arsenic - Slice A

Order Details

Order Details: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search buffer (m): 1000

Site Details

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Estimated Soil Chemistry Arsenic - Slice A

Order Details

Order Details: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search buffer (m): 1000

Site Details

2 Heyrod Street, MANCHESTER, M1 2WW

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

Urban Soil Chemistry Cadmium - Slice A

Order Details

Order Details: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
Search buffer (m): 1000

Site Details

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Estimated Soil Chemistry Cadmium - Slice A

Order Details

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Urban Soil Chemistry Chromium - Slice A

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Urban Soil Chemistry Lead - Slice A

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Estimated Soil Chemistry Lead - Slice A

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Site Details

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Urban Soil Chemistry Nickel - Slice A

Order Details

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Slice: A
Site Area (ha): 0.22
Search buffer (m): 1000

Site Details

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Estimated Soil Chemistry Nickel - Slice A

Order Details

Order Details: 234554003_1_1
Customer Ref: 075424
National Grid Reference: 385270, 398040
Slice: A
Site Area (ha): 0.22
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Appendix D ±Qualitative Risk Assessment Rationale

The site-specific risk assessment, presented in this report, follows the principle of establishing whether there is a viable linkage between a contaminant source to a potential receptor, via an exposure pathway.

The risk assessment corresponds with the total site area and incorporates both descriptive (qualitative) and, where available, numerical (quantitative) lines of evidence.

Risk assessment is the process of collating known information on a hazard or set of hazards in order to estimate actual or potential risk to receptors. The receptor may be humans, a water resource, a sensitive local ecosystem or future construction materials. Receptors can be connected to the source by one or several exposure pathways such as direct contact for example. Risks are generally managed by isolating the receptor or intercepting the exposure pathway or by isolating or removing the hazard.

Without the three essential components of a source, pathway and receptor there can be no risk. Therefore, the presence of contaminant source on a site does not necessarily mean there is a risk.

The risk assessment considers the likelihood of a particular event taking place (accounting for the presence of the source and receptor and the viability of the exposure pathway) in conjunction with the severity of the potential consequence (accounting for the potential severity of the hazard and the sensitivity of the receptor).

In the risk assessment the consequence of the hazard has been classified as severe or medium or mild or minor and the probability (likelihood) of the circumstances actually occurring classified as high likelihood or likely or low likelihood or unlikely.

The consequences and probabilities are subsequently cross-correlated to give a qualitative estimation of the risk using Department of the Environment risk classifications as detailed in the table below and as referenced in CIRIA C552.

		Consequence			
		Severe	Medium	Mild	Minor
Probability (Likelihood)	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

075424CUP00-XXRPG001 Land at Heyrod Street

Phase 1 Preliminary Risk Assessment

In accordance with DoE guidance, the following categorisation of consequence has been developed.

Classification	Definition	Examples
Severe	Short-term (acute) risk to human health or pollution of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem or organisation forming part of such ecosystem.	High concentrations of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site into controlled water. Explosion, causing building collapse (can also equate to a short-term human health risk if buildings are occupied).
Medium	Chronic damage to Human Health. Pollution of sensitive water resources. A significant change in a particular ecosystem or organism forming part of such ecosystem.	Concentration of a contaminant from site exceeds the generic or site-specific assessment criteria. Leaching of contaminants from a site to a Principal or Secondary A aquifer. Death of a species within a designated nature reserve. Lesser toxic and asphyxiate effects
Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services. Damage to sensitive buildings/structures/services or the environment.	Pollution of non-classified groundwater (inc. Secondary B aquifers). Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
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.	The presence of contaminants at such concentrations that protective equipment is required during site works. The loss of plants in a landscaping scheme. Discoloration of concrete.

Phase 1 Preliminary Risk Assessment

In accordance with DoE guidance, the following categorisation of probability has been developed.

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 pollution 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 such event would take place, and is 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.

In accordance with DoE guidance, the following categorisation of risk has been developed.

Classification	Definition
Very High Risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without appropriate further action.
High Risk	Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate further action.
Moderate Risk	It is possible that without appropriate further action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst, if any harm was realised any effects would be mild.
Very Low Risk	The presence of an identified hazard does not give rise to the potential to cause harm to a designated receptor.

7KH WHUP μULVN¶ LQ WKLV LQVWDQFH UHIIHQVIRU a given source of contamination is complete. It does not refer to immediate risk to individuals or features present on the site from potential contaminants and is intended to be used as a tool to assess the necessity of further investigation.

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