

Caithness-Shire

Published 1877

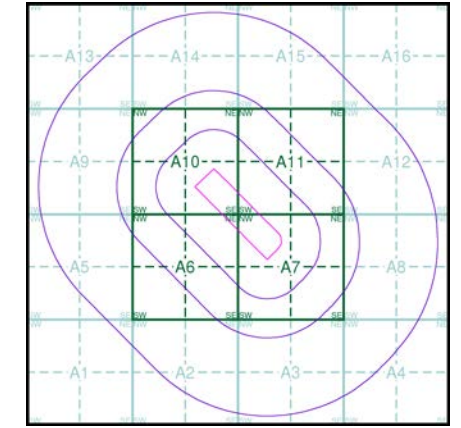
Source map scale - 1:10,560

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)

00200
1877
1:10,560
00700
1877
1:10,560

Historical Map - Slice A



Order Details

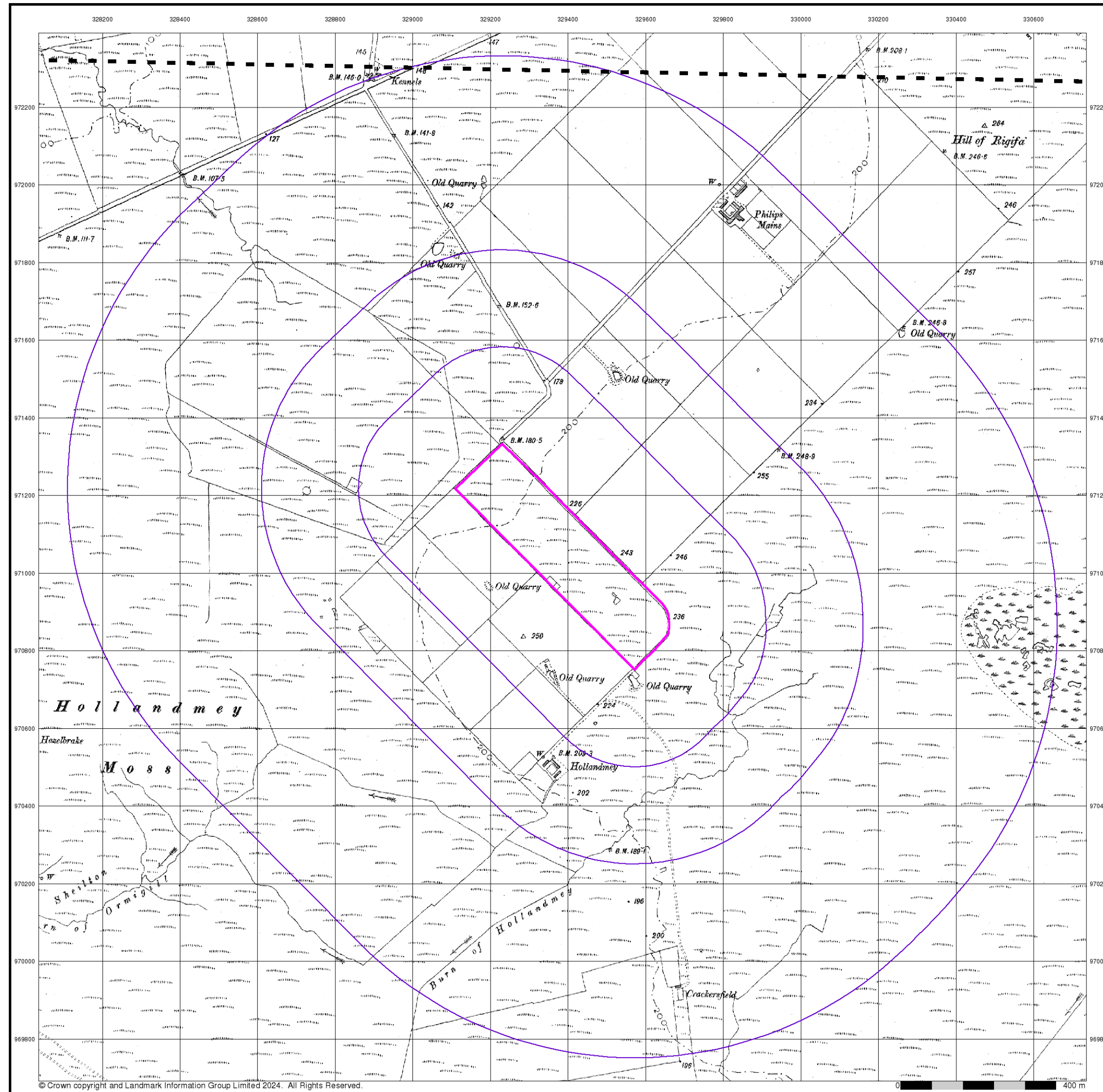
Order Number:	333608385_1_1
Customer Ref:	085449
National Grid Reference:	329390, 971040
Slice:	A
Site Area (Ha):	10.93
Search Buffer (m):	1000

Site Details

Site at 329400, 971050



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Caithness-Shire

Published 1907

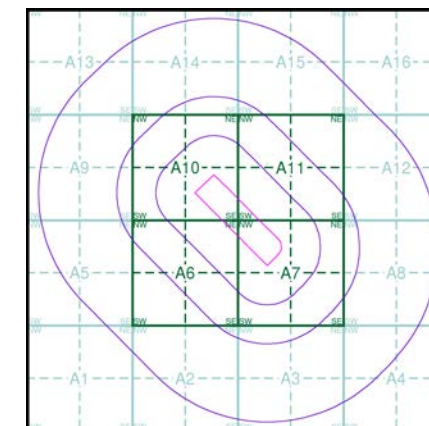
Source map scale - 1:10,560

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)

00200
1907
1:10,560
00700
1907
1:10,560

Historical Map - Slice A



Order Details

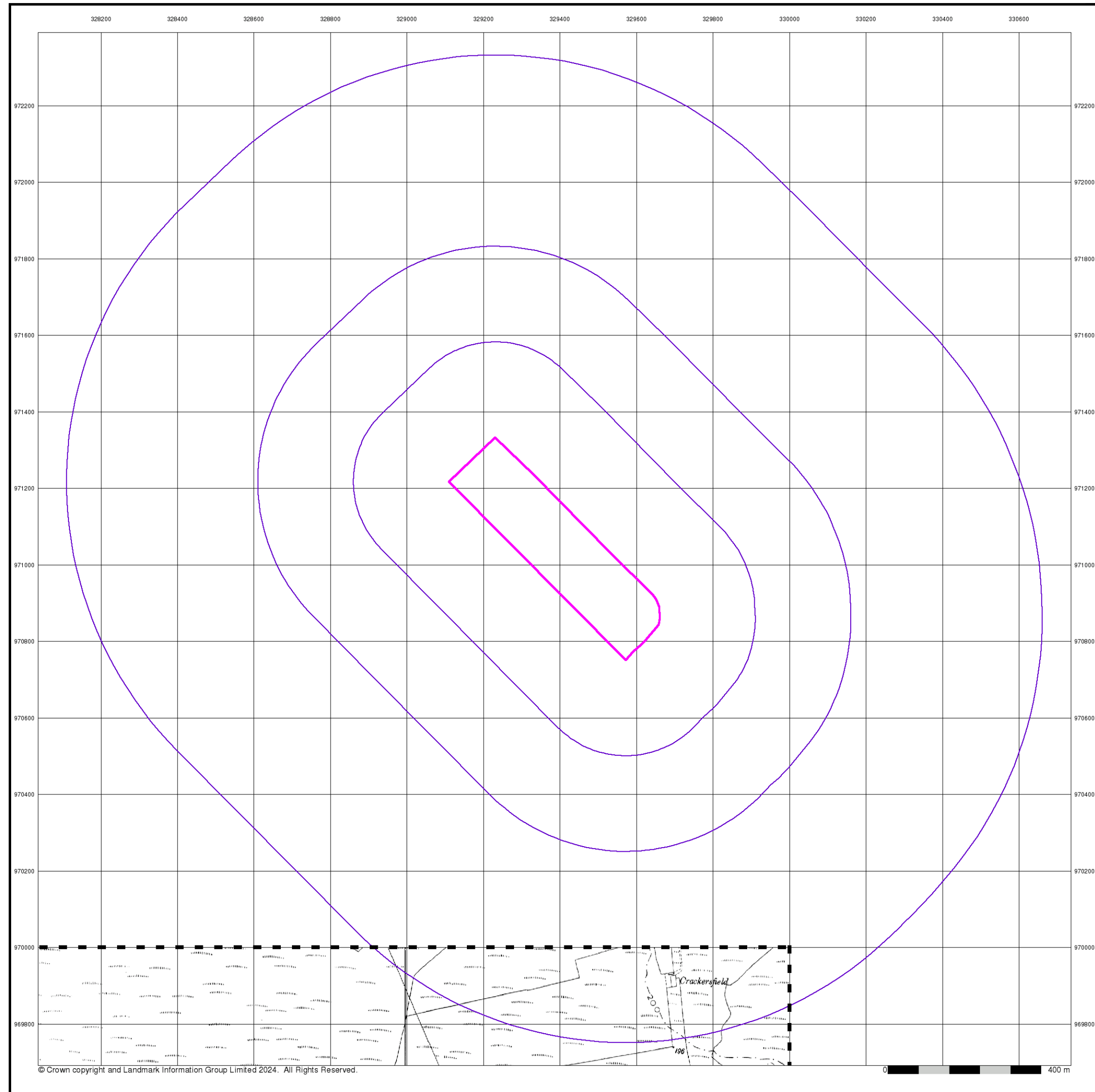
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Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 1000


Site Details

Site at 329400, 971050

Landmark
INFORMATION GROUP

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
Ordnance Survey Plan

Published 1959

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)

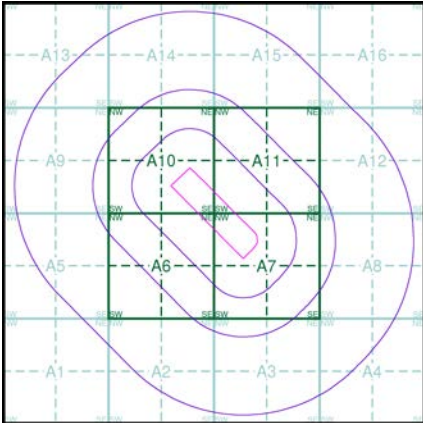


ND26NE

1959

1:10,560

Historical Map - Slice A




Order Details

Order Number:	333608385_1_1
Customer Ref:	085449
National Grid Reference:	329390, 971040
Slice:	A
Site Area (Ha):	10.93
Search Buffer (m):	1000

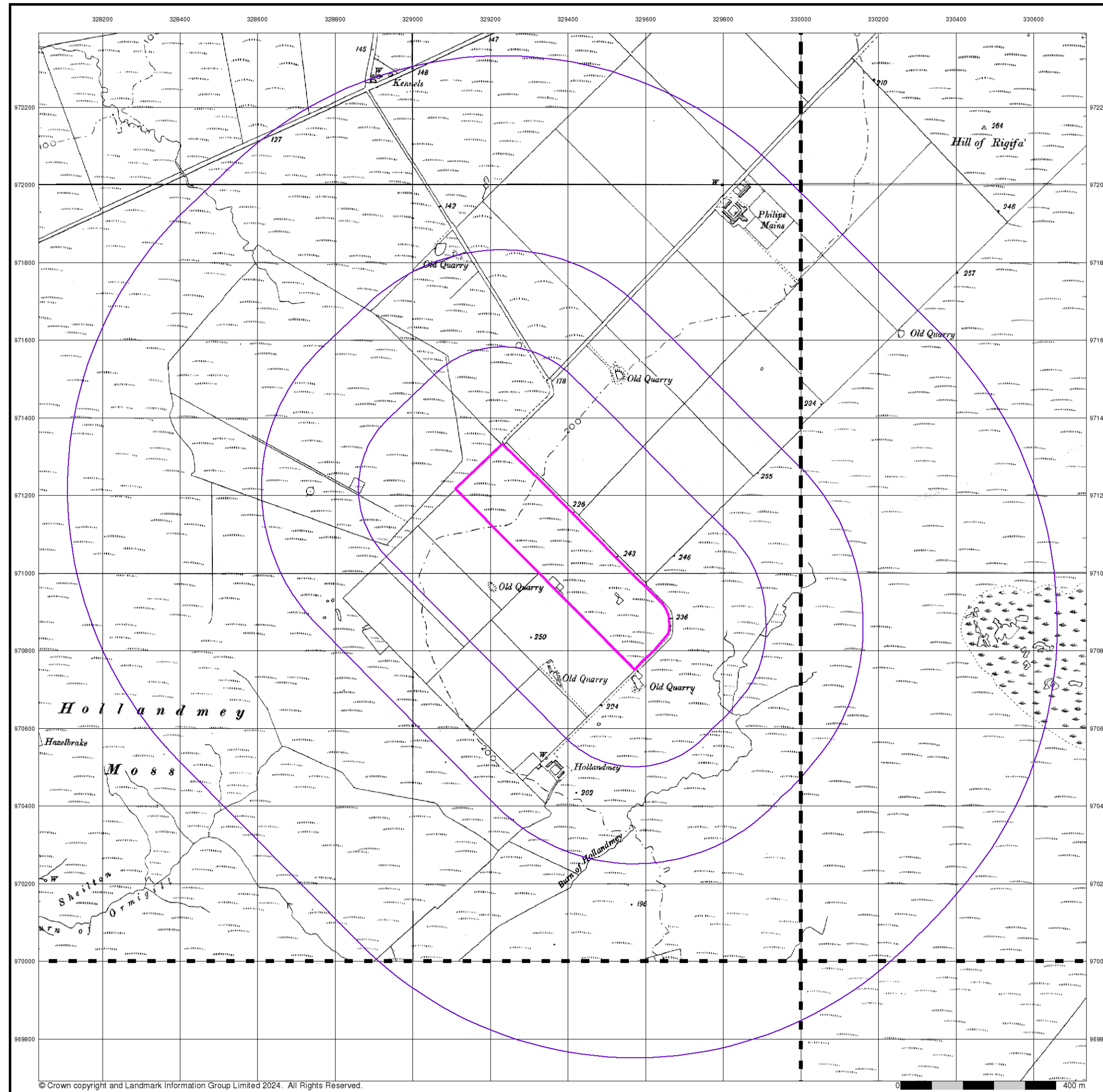
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A Landmark Information Group Service v50.0 01-Feb-2024 Page 4 of 10



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Ordnance Survey Plan

Published 1960

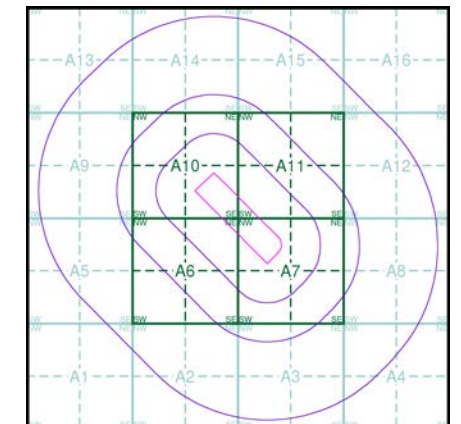
Source map scale - 1:10,000

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Map Name(s) and Date(s)

ND27SE	ND37SW
1960	1960
1:10,560	1:10,560
	ND36NW
	1960
	1:10,560

Historical Map - Slice A



Order Details

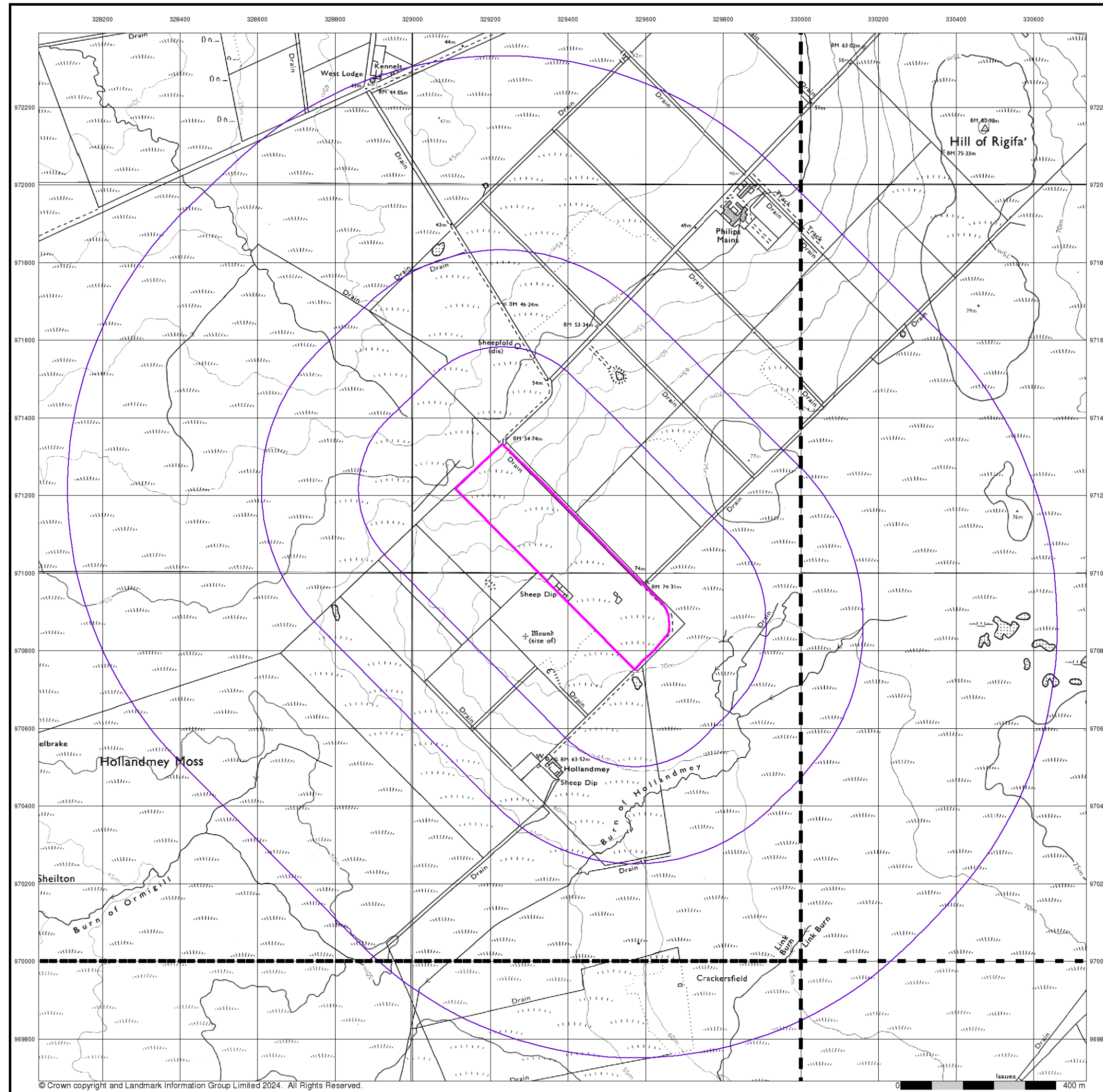
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Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
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Ordnance Survey Plan

Published 1975 - 1976

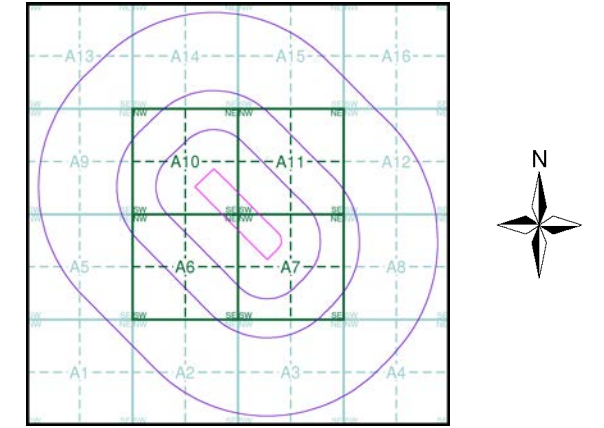
Source map scale - 1:10,000

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)

ND27SE	ND37SW
1976	1975
1:10,000	1:10,000
ND26NE	ND36NW
1975	1975
1:10,000	1:10,000

Historical Map - Slice A



Order Details

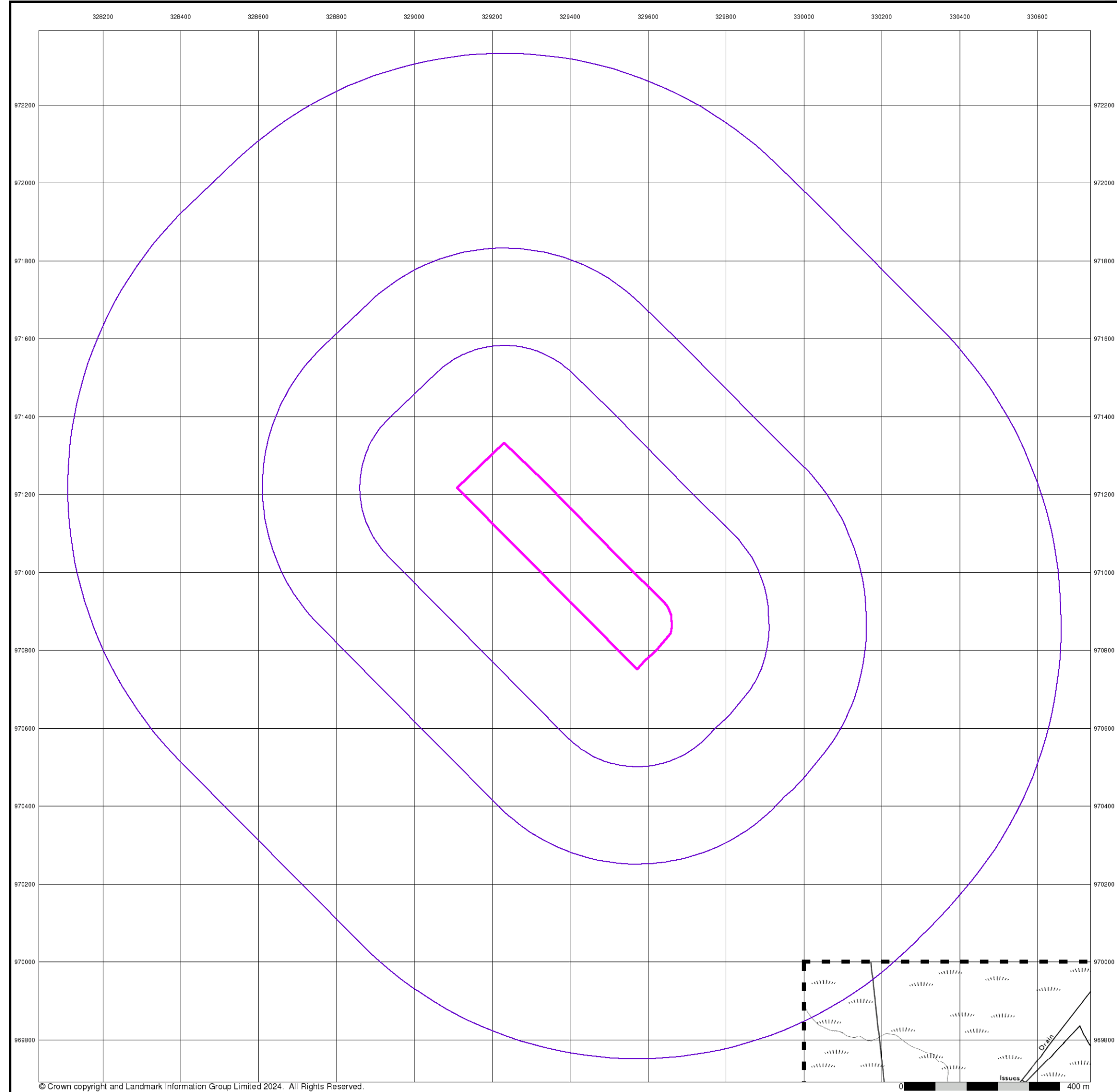
Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
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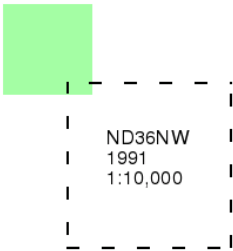
Ordnance Survey Plan

Published 1991

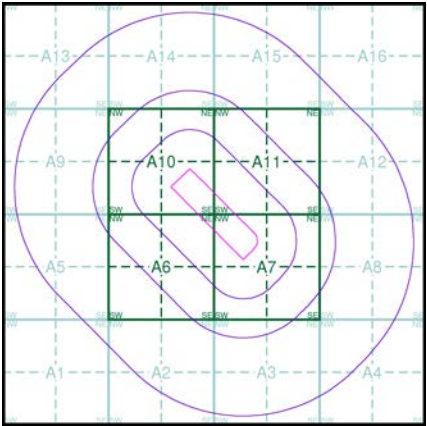
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

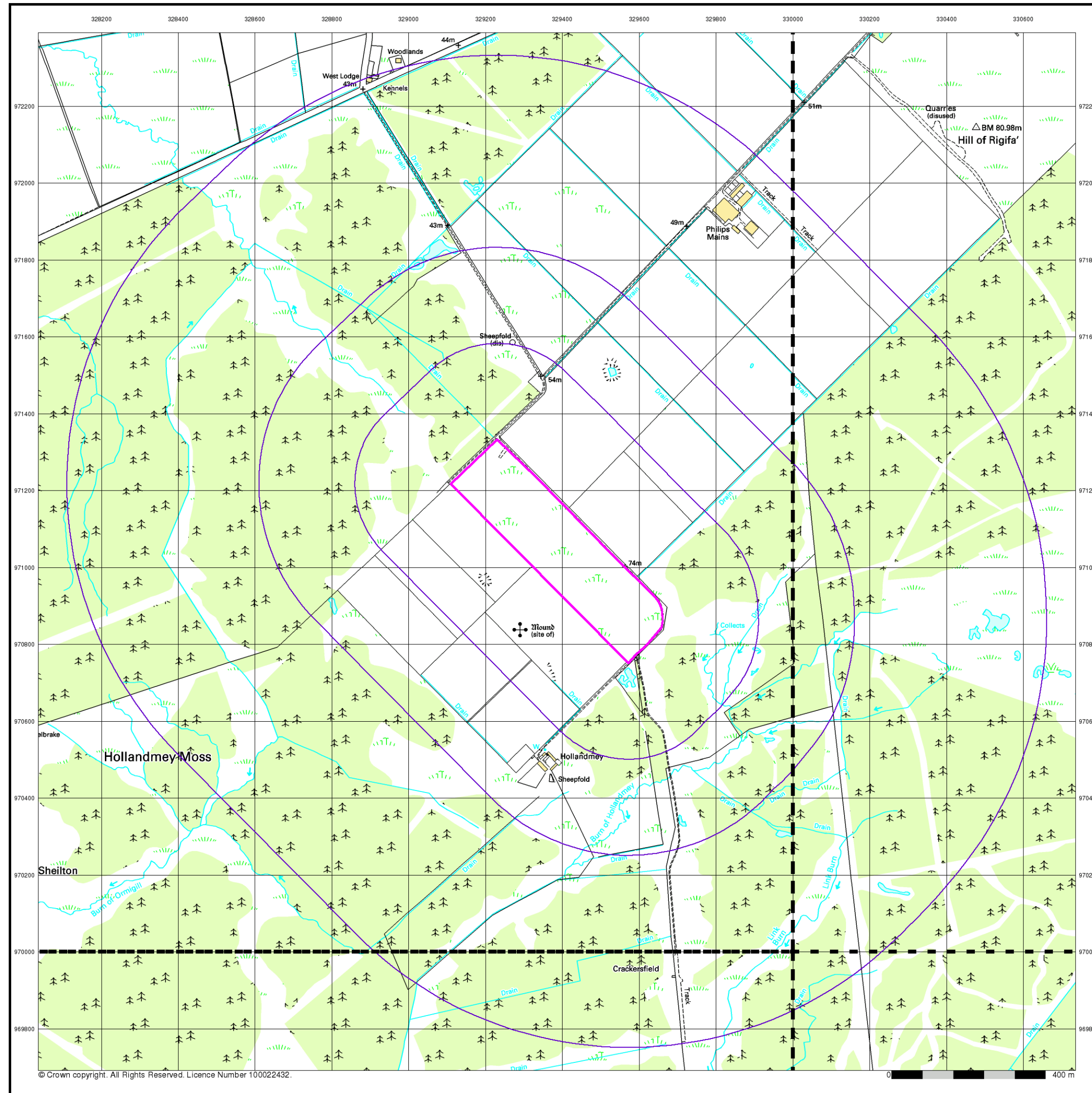
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Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 1000

Site Details

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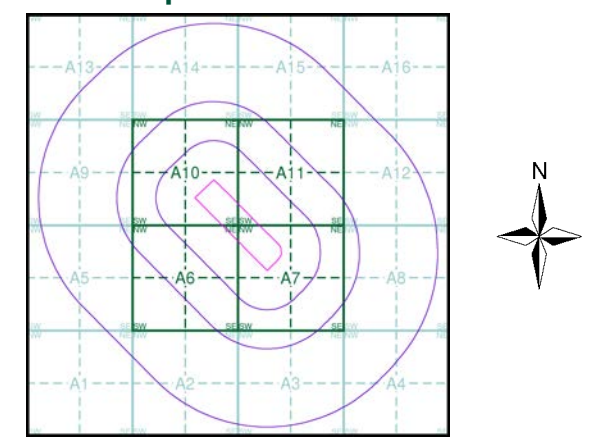
10k Raster Mapping
Published 2001
Source map scale - 1:10,000

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)

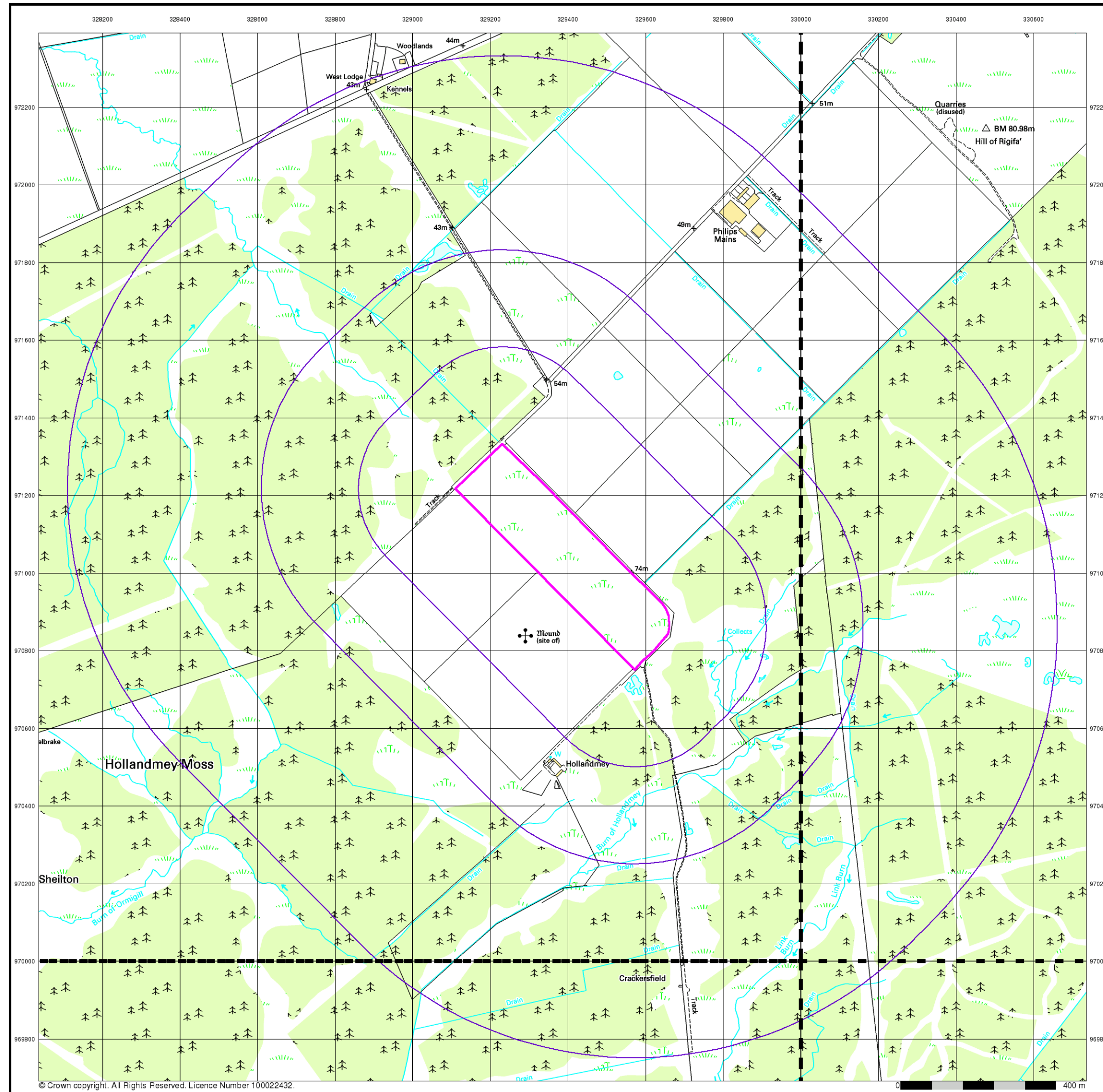
ND27SE	ND37SW
2001	2001
1:10,000	1:10,000
I	
ND26NE	ND36NW
2001	2001
1:10,000	1:10,000

Historical Map - Slice A



Order Details
Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 1000

Site Details
Site at 329400, 971050



10k Raster Mapping

Published 2006

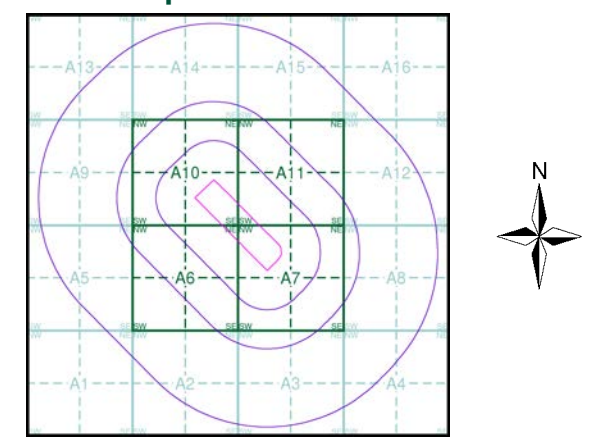
Source map scale - 1:10,000

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)

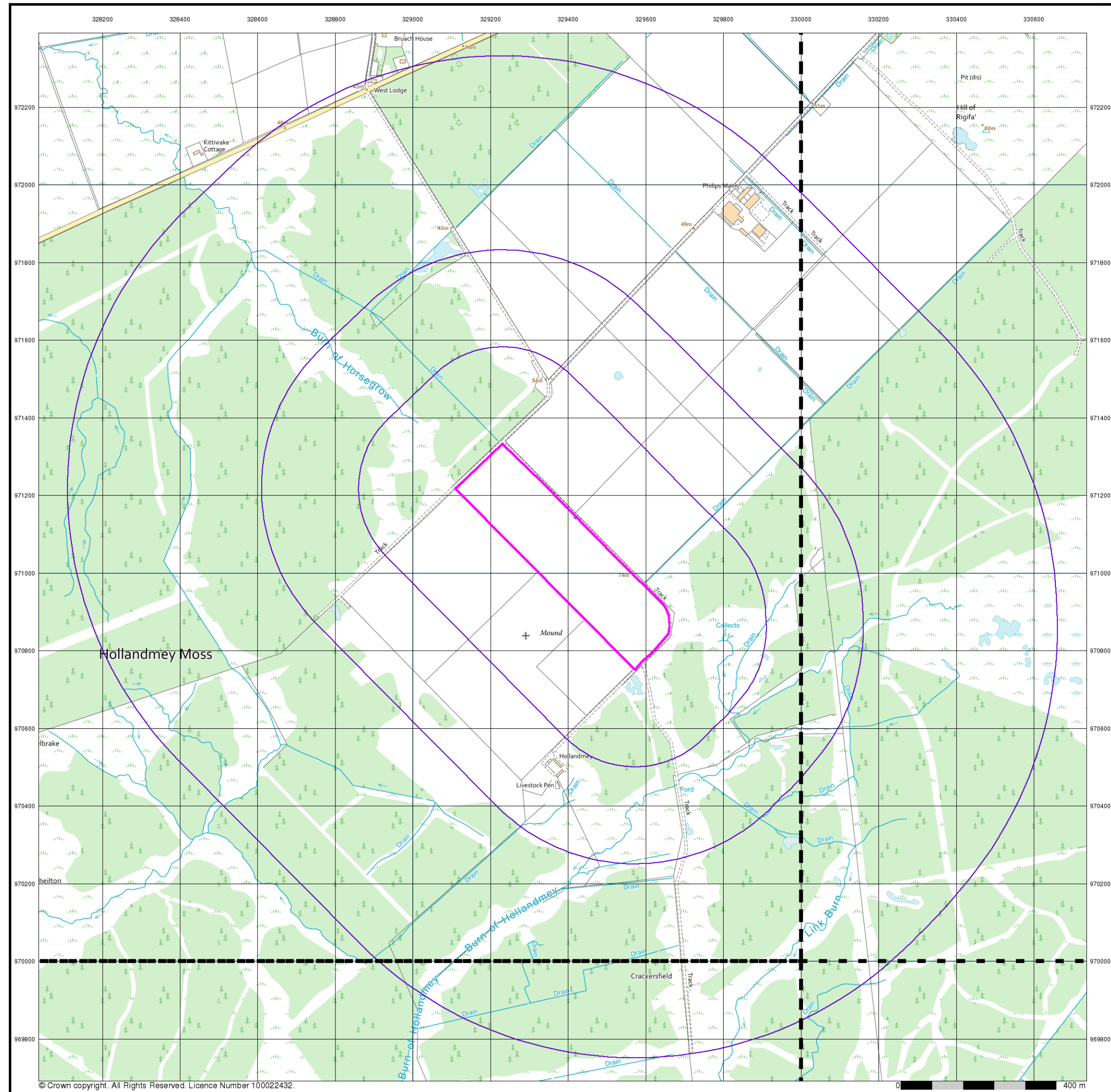
ND27SE	ND37SW
2006	2006
1:10,000	1:10,000
ND26NE	ND36NW
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details
Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 1000

Site Details
Site at 329400, 971050

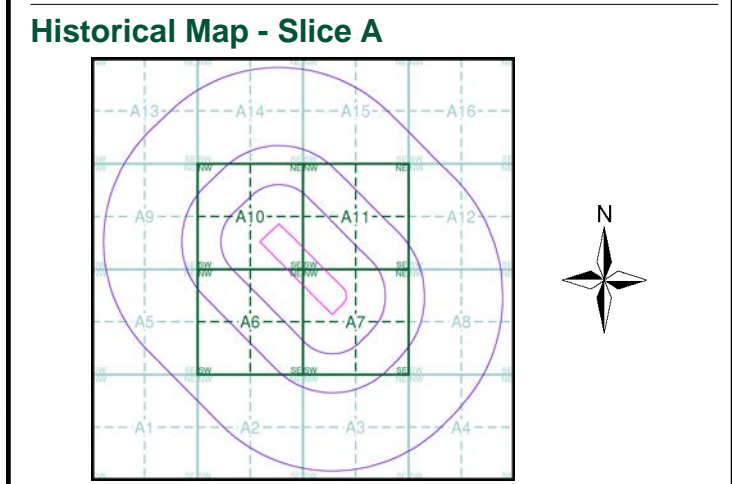


VectorMap Local
Published 2023
Source map scale - 1:10,000

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)

ND27SE	ND37SW
2023	2023
Variable	Variable
ND26NE	ND36NW
2023	2023
Variable	Variable



Order Details

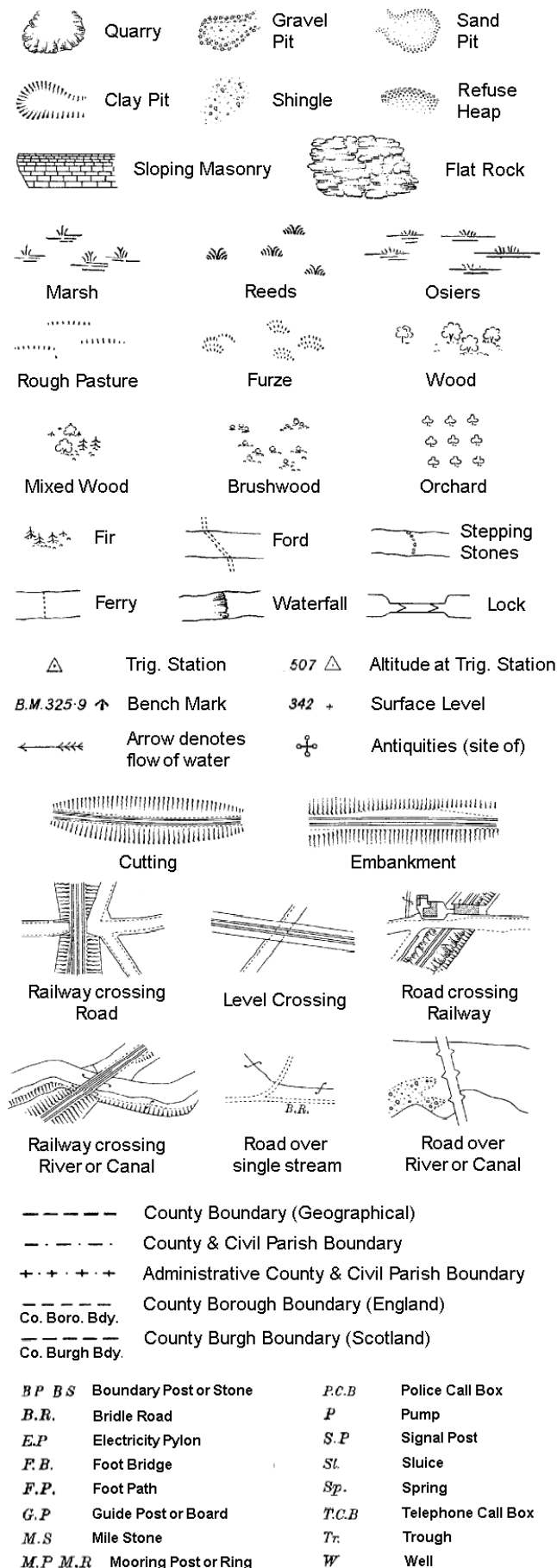
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Customer Ref:	085449
National Grid Reference:	329390, 971040
Slice:	A
Site Area (Ha):	10.93
Search Buffer (m):	1000

Site Details

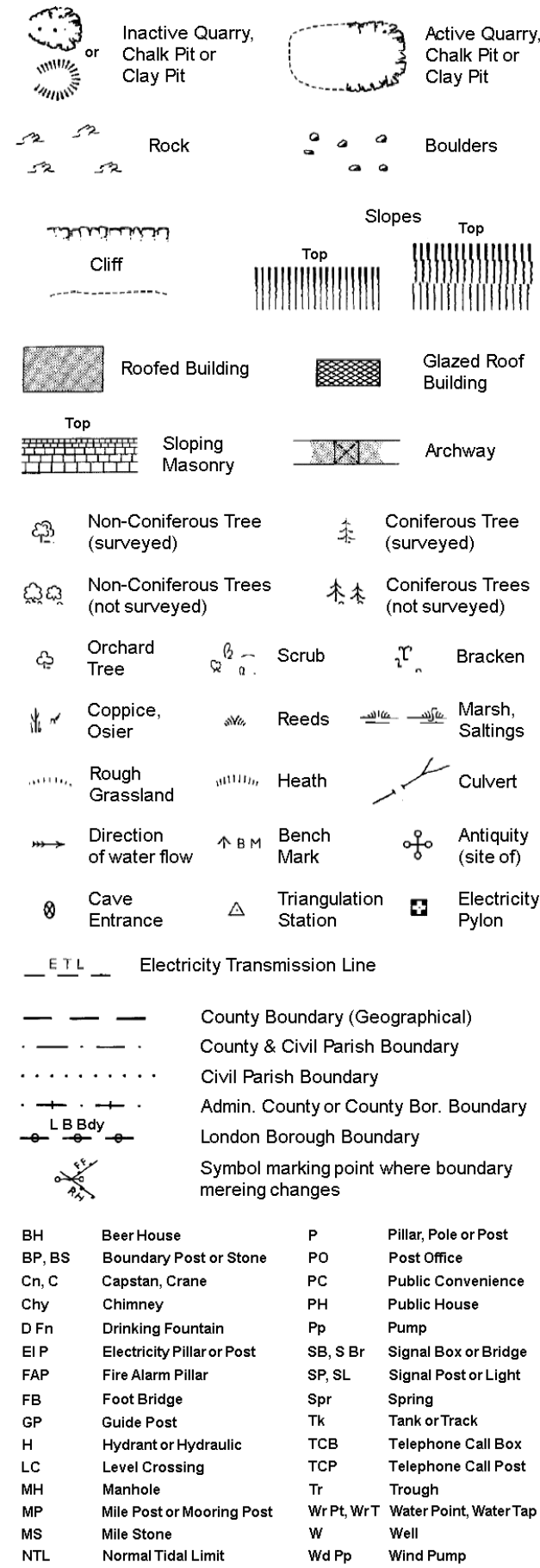
Site at 329400, 971050

Historical Mapping Legends

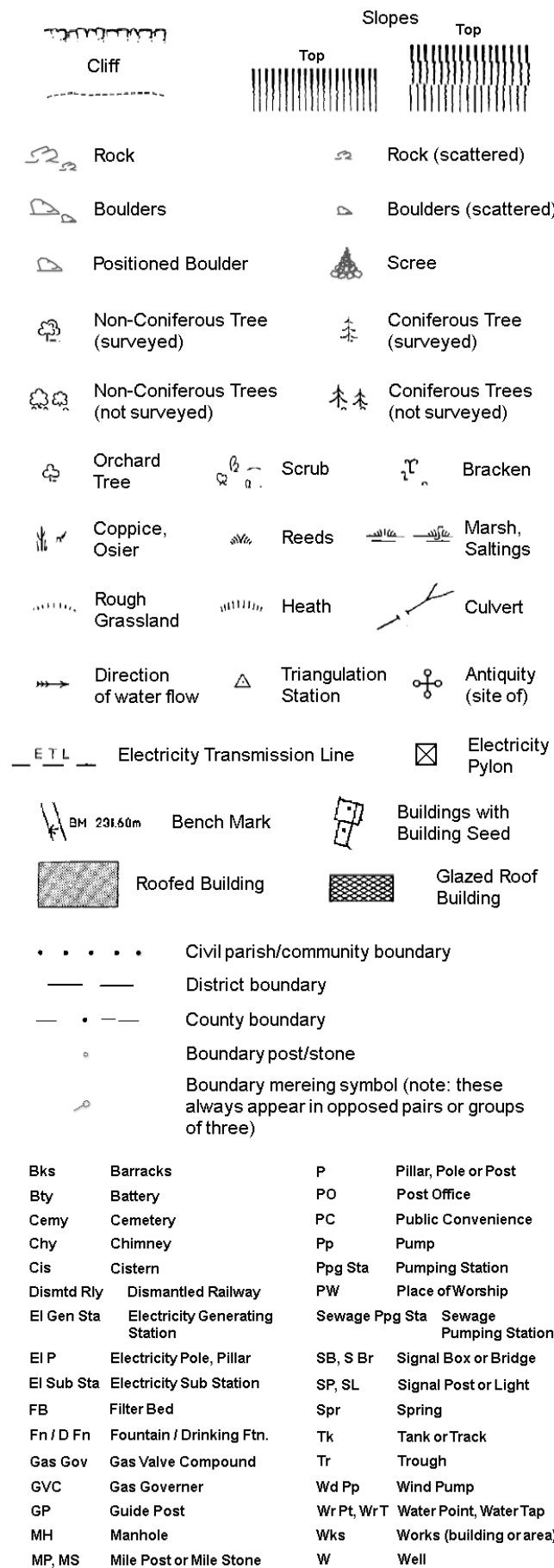
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



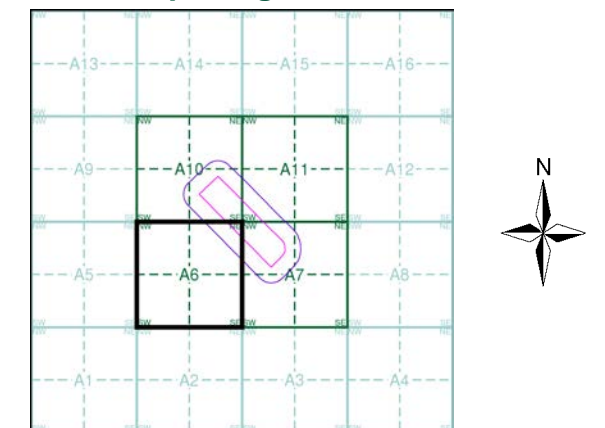
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Caithness-Shire	1:2,500	1873	2
Caithness-Shire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1968	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	2004	6

Historical Map - Segment A6



Order Details

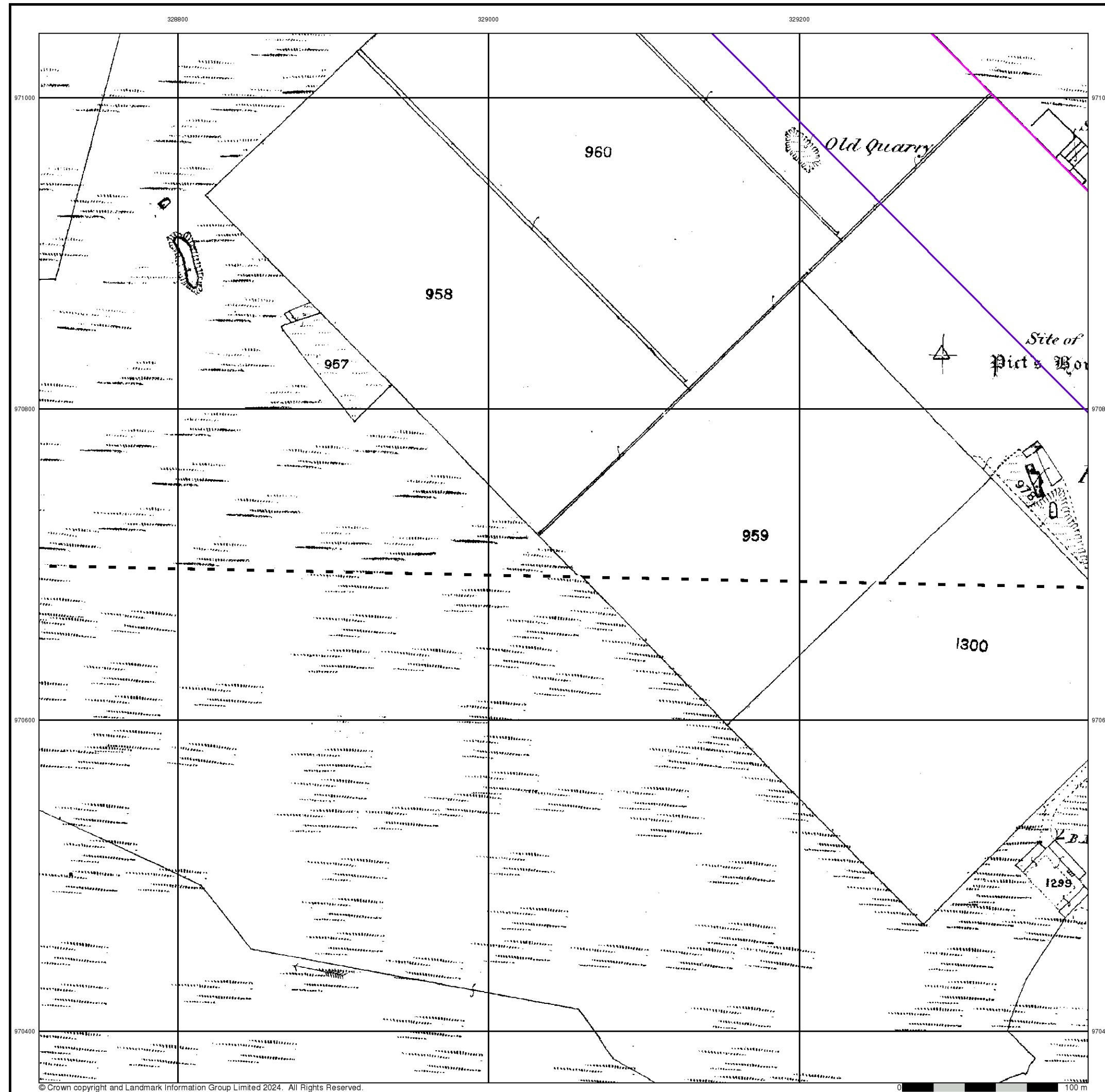
Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

Site at 329400, 971050



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Caithness-Shire

Published 1873

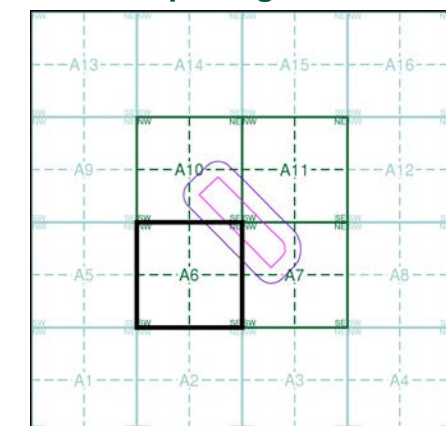
Source map scale - 1:2,500

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)

007_02
1873
1:2,500
007_06
1873
1:2,500

Historical Map - Segment A6



Order Details

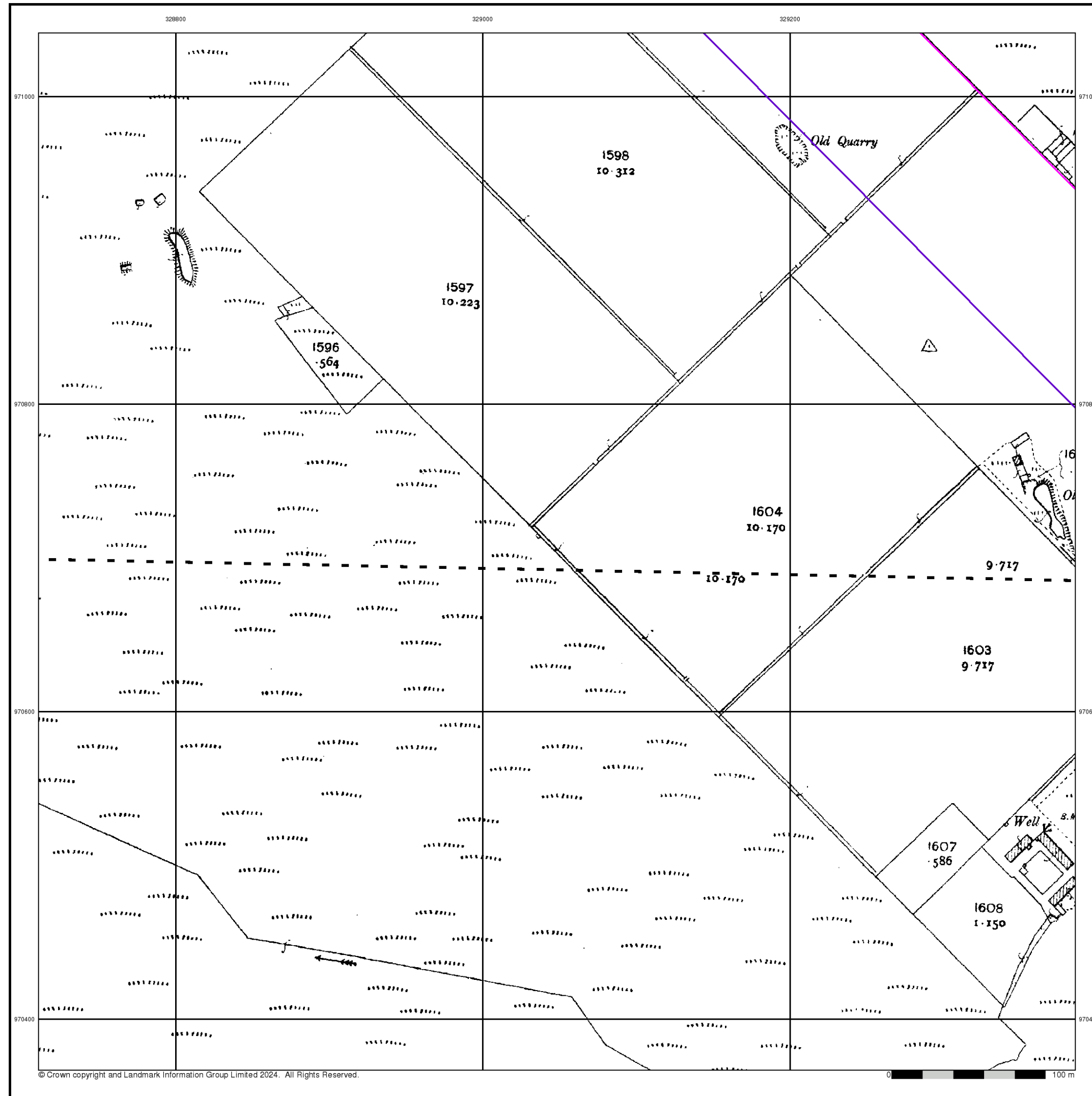
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Customer Ref: 085449
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Slice: A
Site Area (Ha): 10.93
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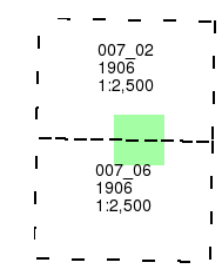
Caithness-Shire

Published 1906

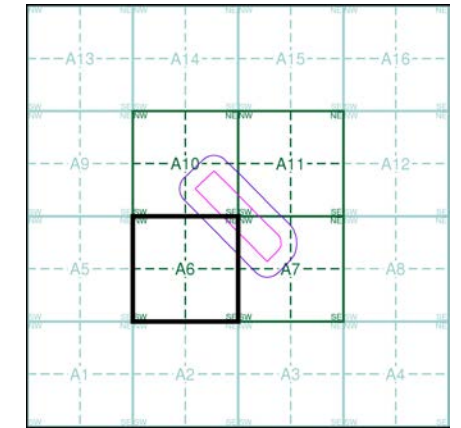
Source map scale - 1:2,500

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 A6



Order Details

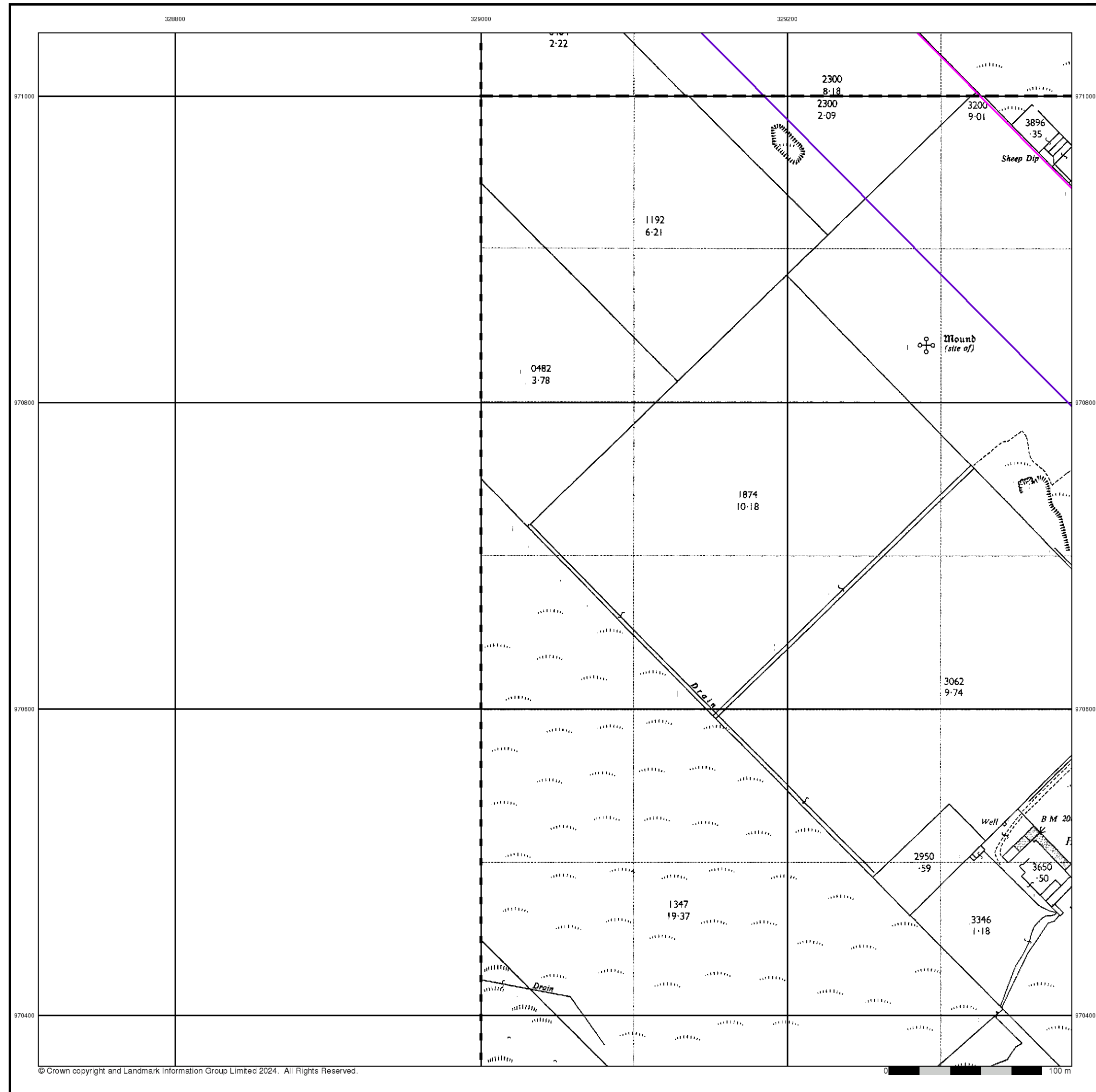
Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

Site at 329400, 971050



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Ordnance Survey Plan
Published 1968
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)

ND2971 1968 1:2,500
ND2970 1968 1:2,500

Historical Map - Segment A6

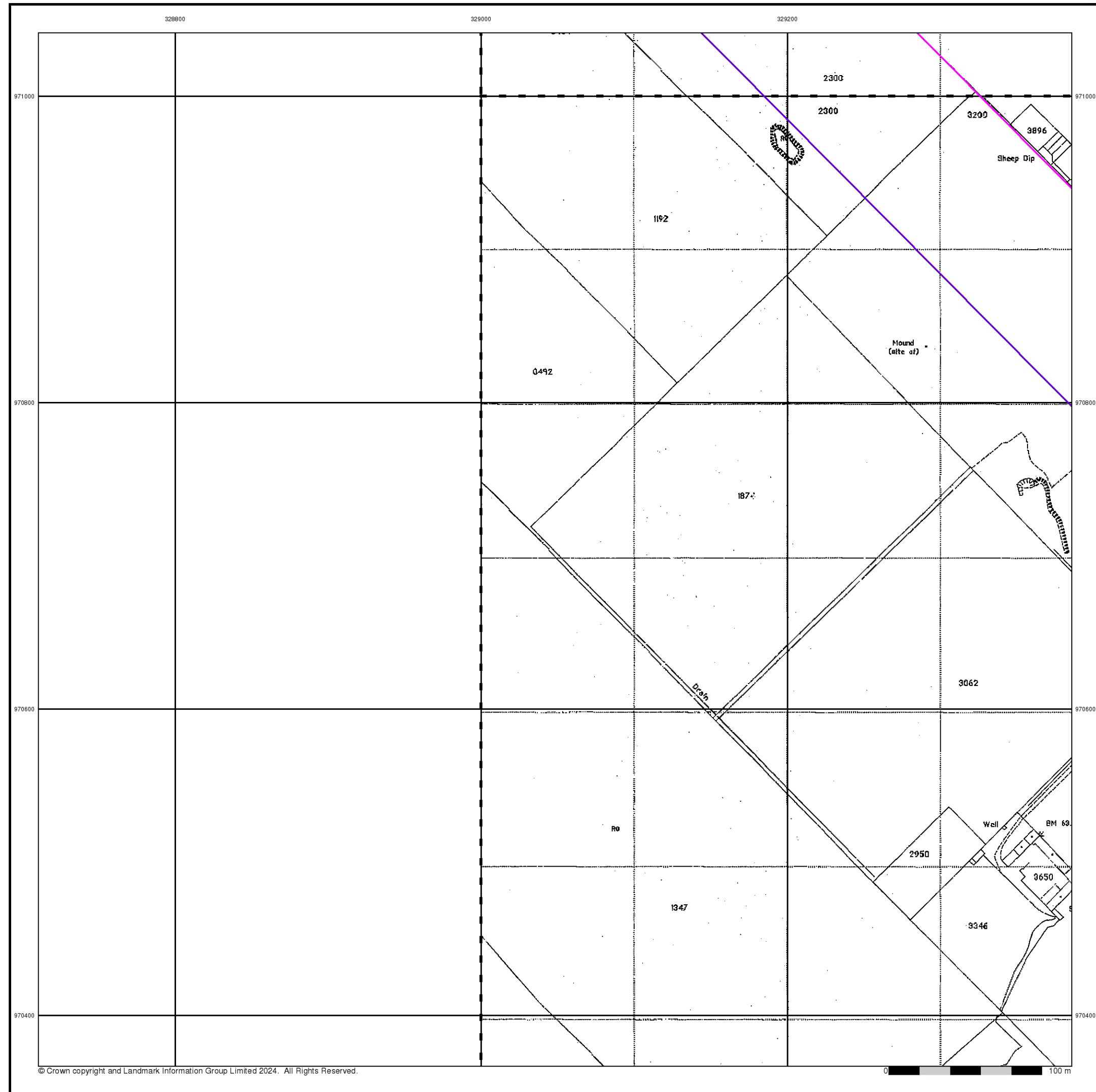
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Order Details

Order Number:	333608385_1_1
Customer Ref:	085449
National Grid Reference:	329390, 971040
Slice:	A
Site Area (Ha):	10.93
Search Buffer (m):	100

Site Details
Site at 329400, 971050

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Large-Scale National Grid Data

Published 1995

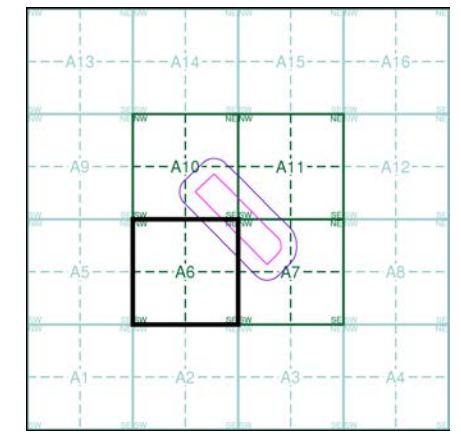
Source map scale - 1:2,500

'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)

ND2971	1995	1:2,500
ND2970	1995	1:2,500

Historical Map - Segment A6



Order Details

Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
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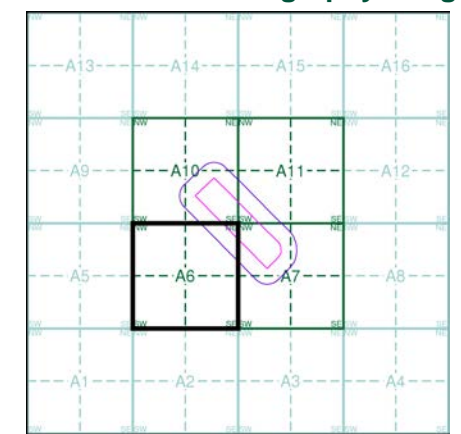


Historical Aerial Photography

Published 2004

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 A6



Order Details

Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

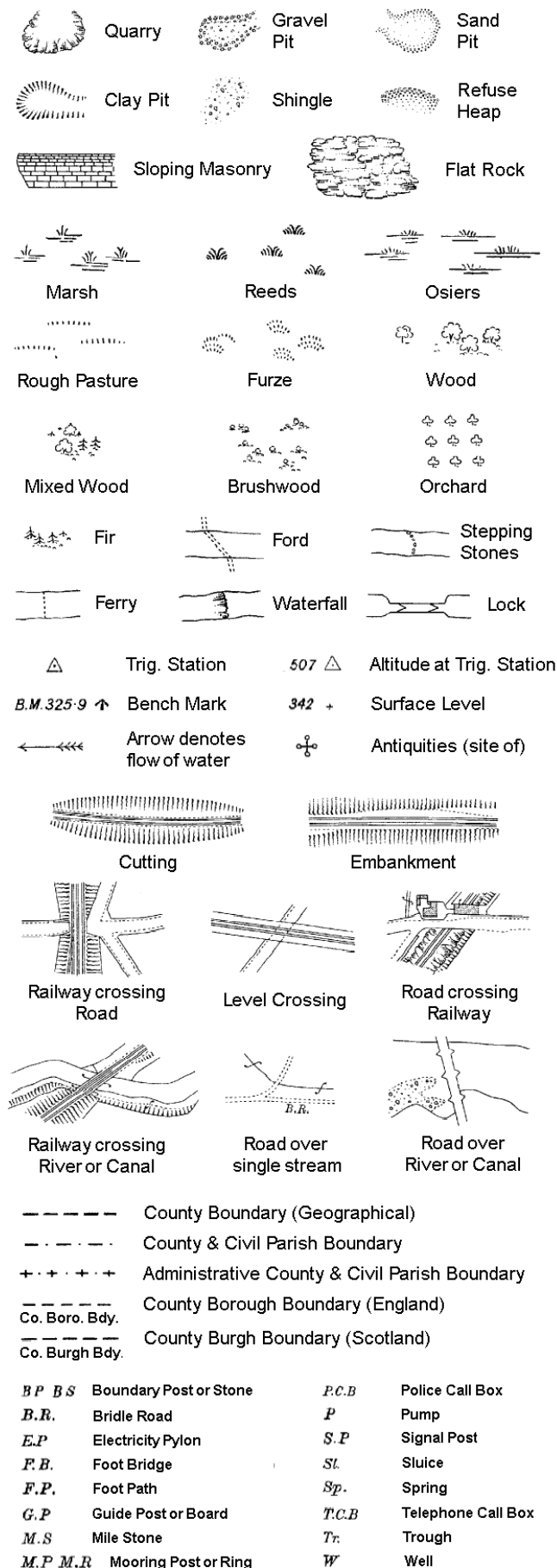
Site at 329400, 971050



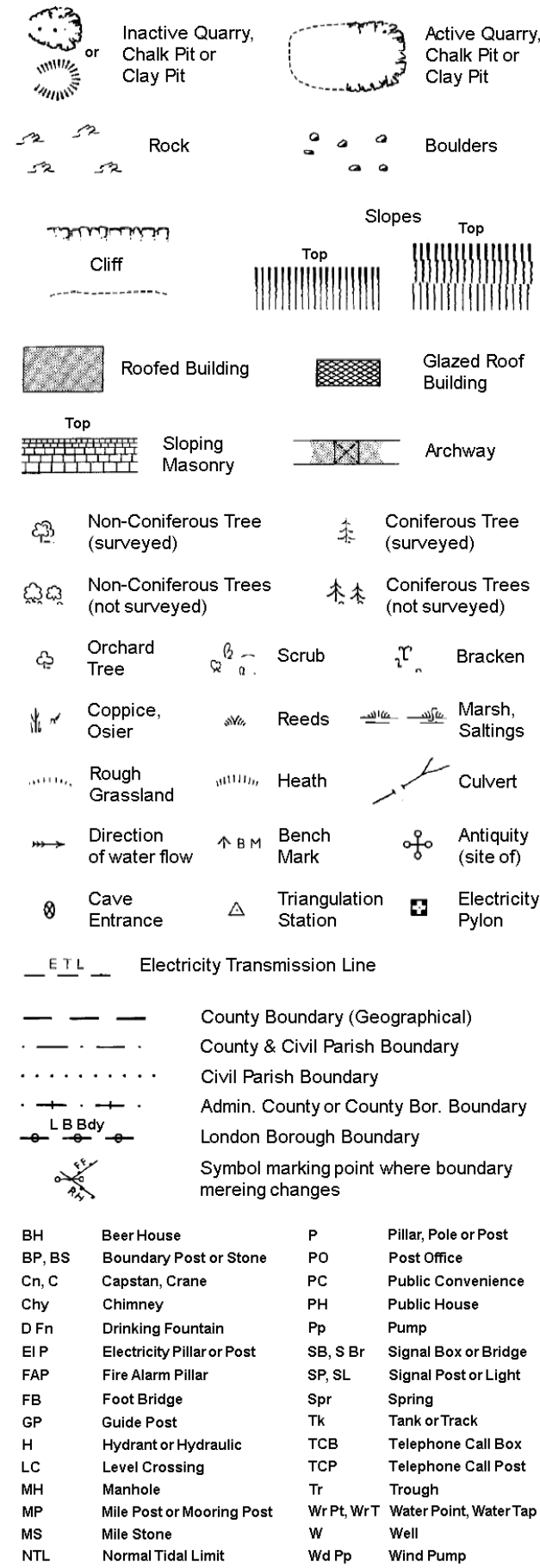
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

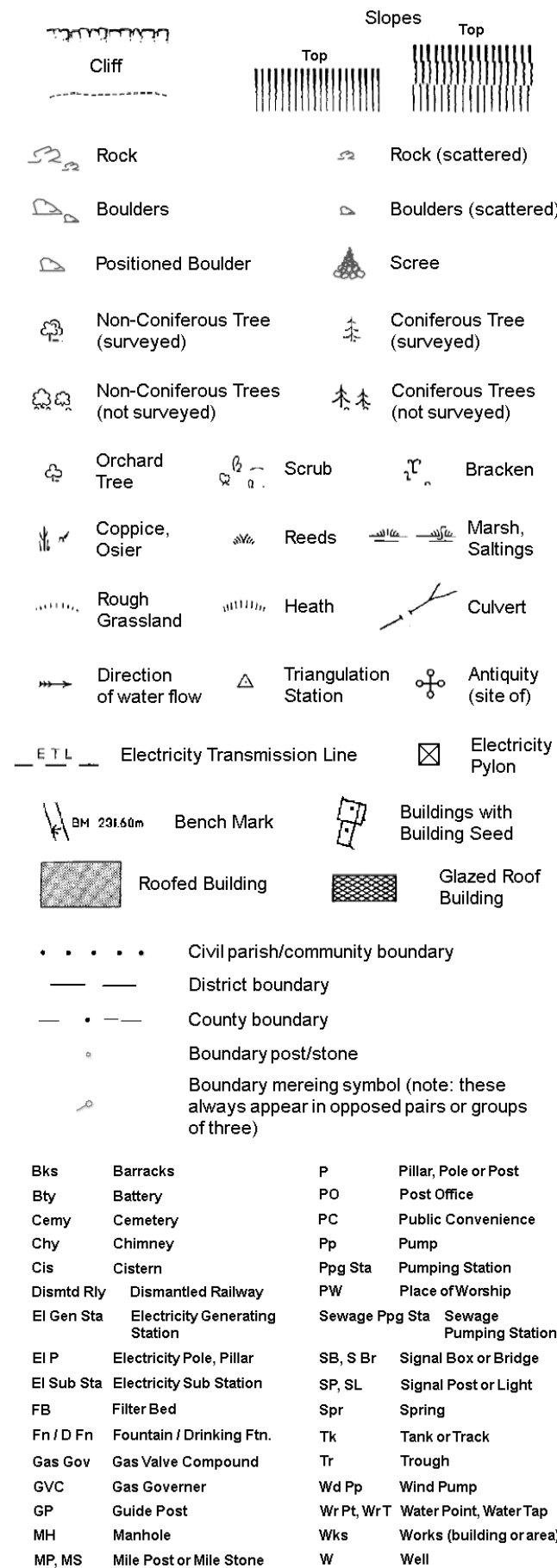
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



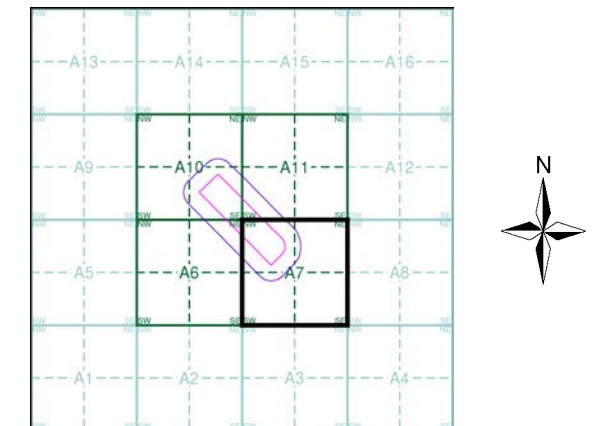
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Caithness-Shire	1:2,500	1873	2
Caithness-Shire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1968	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	2004	6

Historical Map - Segment A7



Order Details

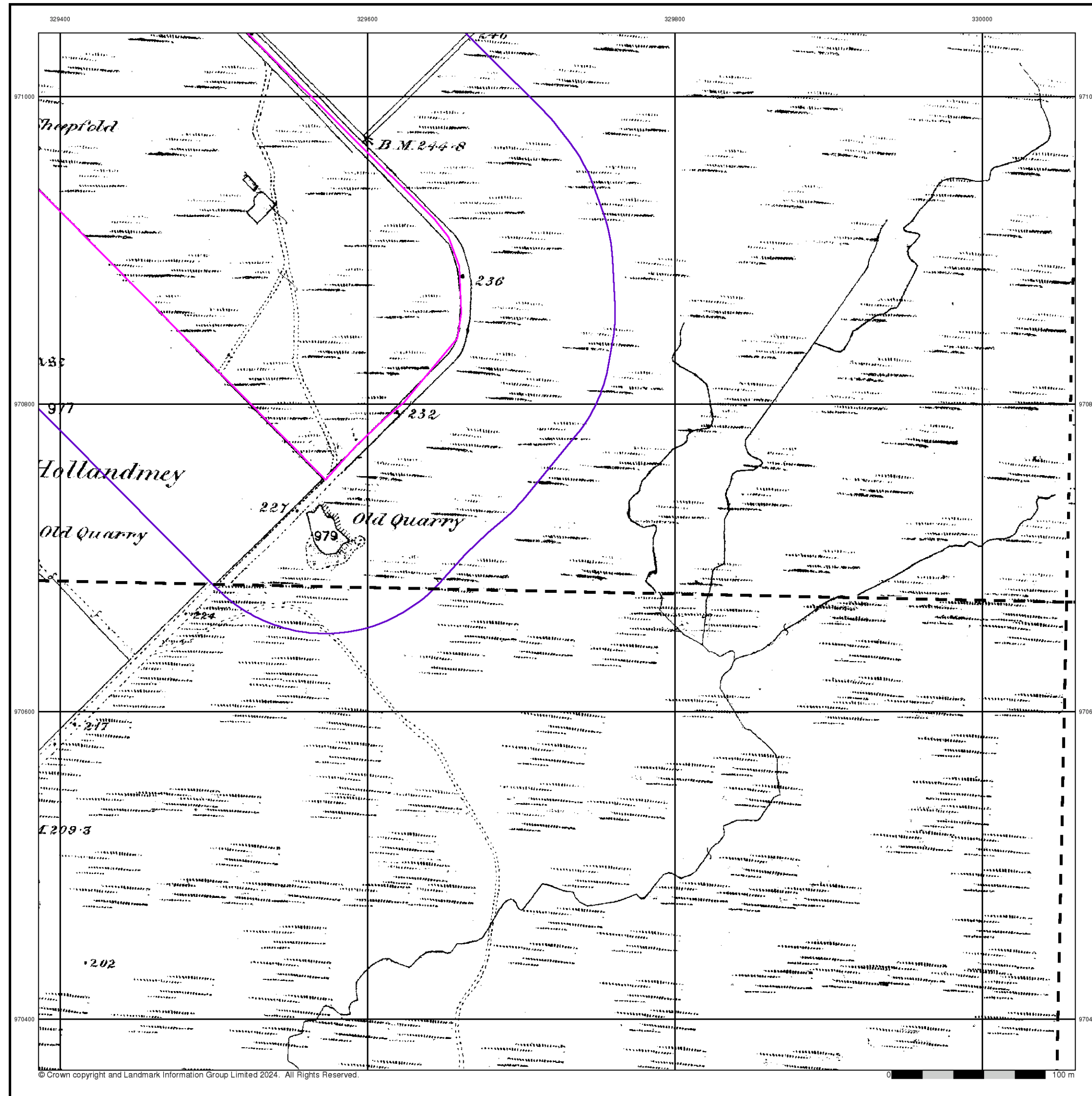
Order Number: 333608385_1_1
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Caithness-Shire

Published 1873

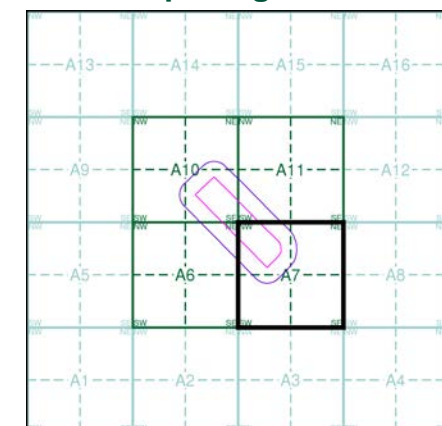
Source map scale - 1:2,500

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)

007_02 1873 1:2,500	007_03 1873 1:2,500
007_06 1873 1:2,500	007_07 1873 1:2,500

Historical Map - Segment A7



Order Details

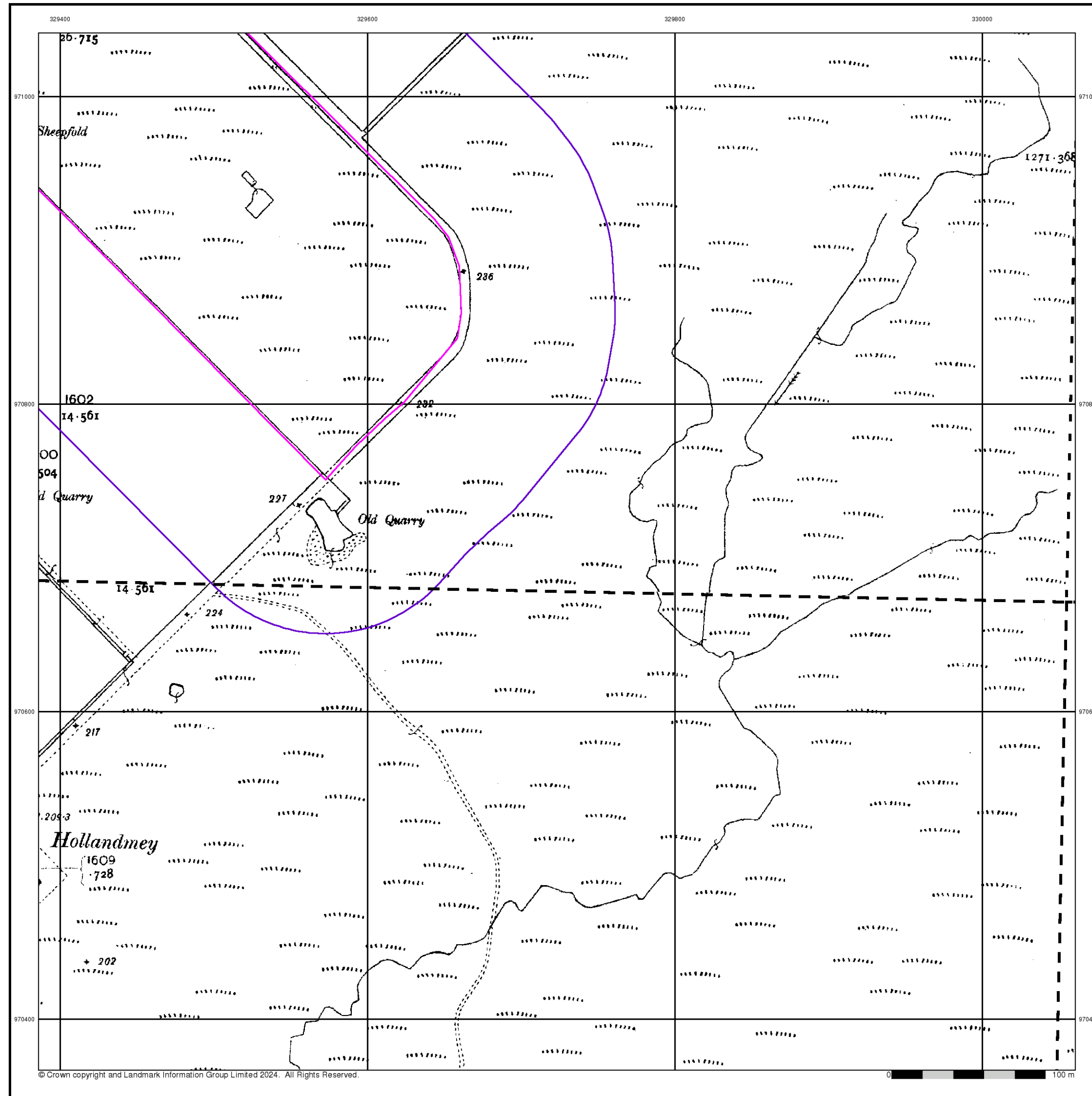
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Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

Site at 329400, 971050



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Caithness-Shire

Published 1906

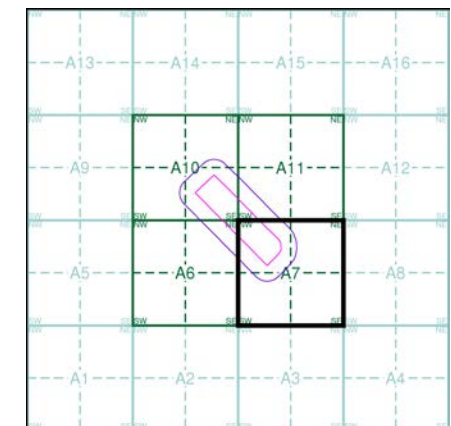
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Map Name(s) and Date(s)

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007_06 1906 1:2,500	007_07 1906 1:2,500

Historical Map - Segment A7



Order Details

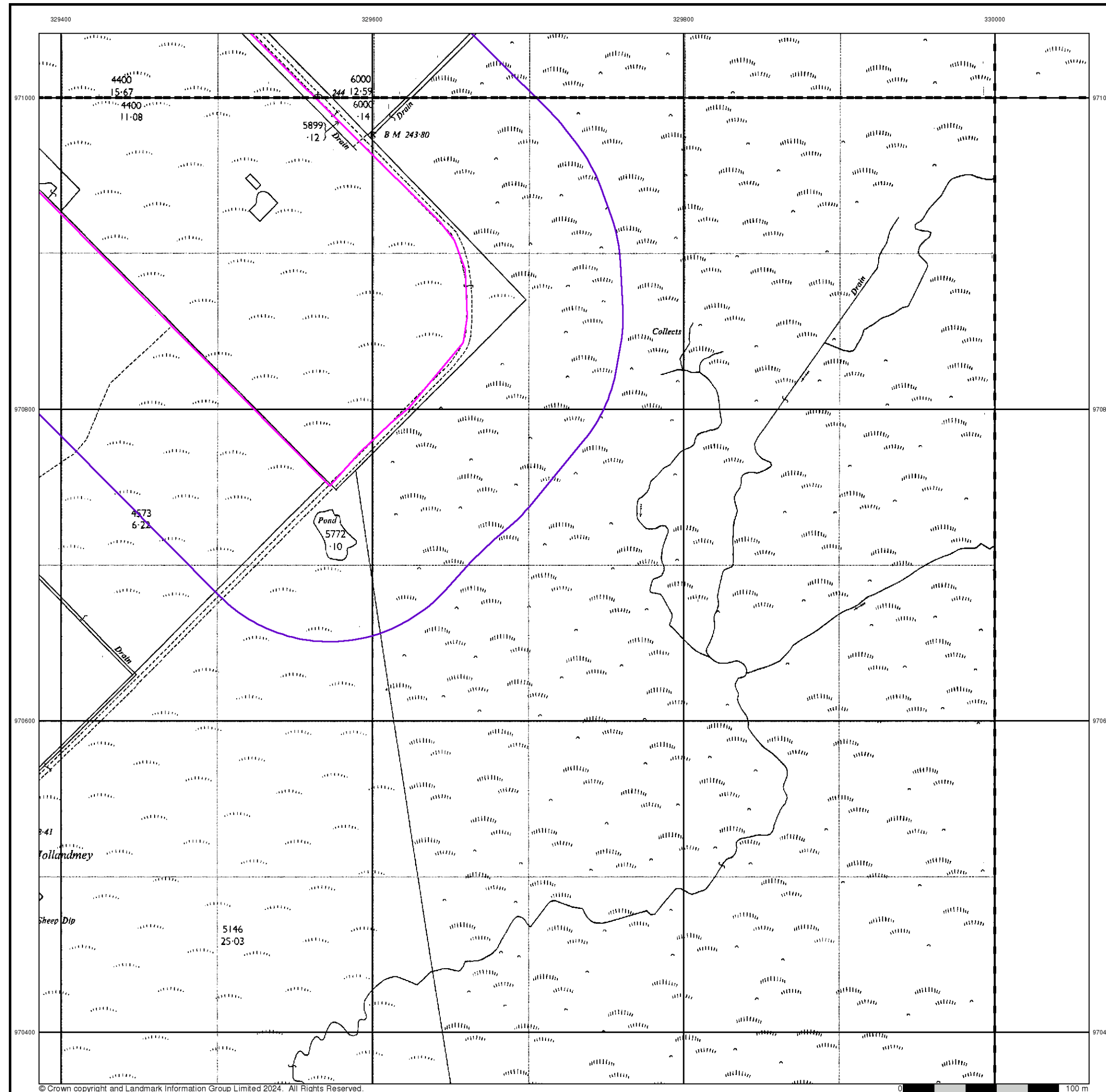
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Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1968

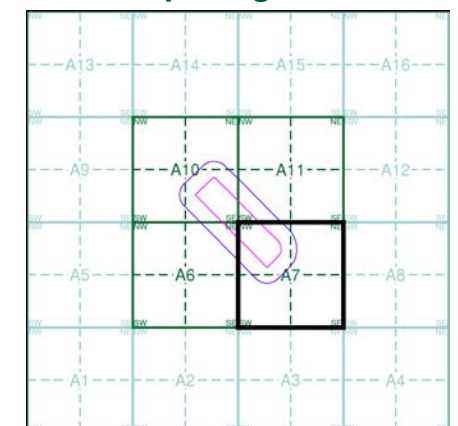
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Map Name(s) and Date(s)

ND2971 1968 12,500	ND3071 1968 12,500
ND2970 1968 12,500	

Historical Map - Segment A7



Order Details

Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

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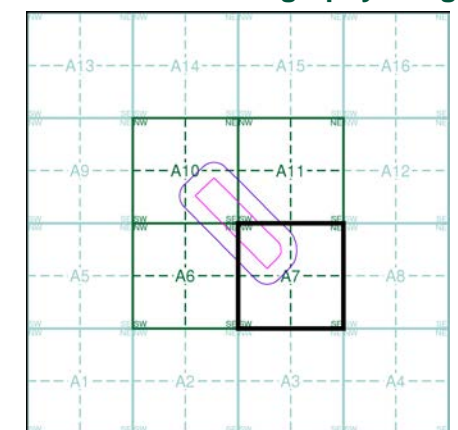


Historical Aerial Photography

Published 2004

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 A7



Order Details

Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

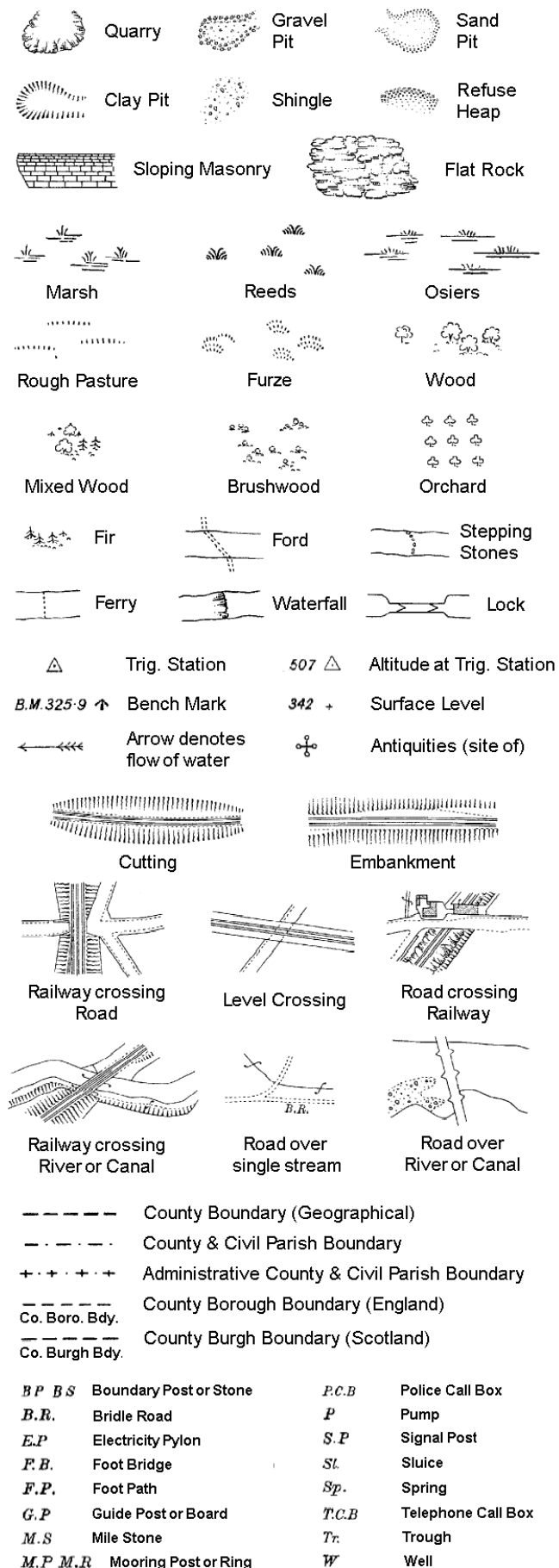
Site at 329400, 971050



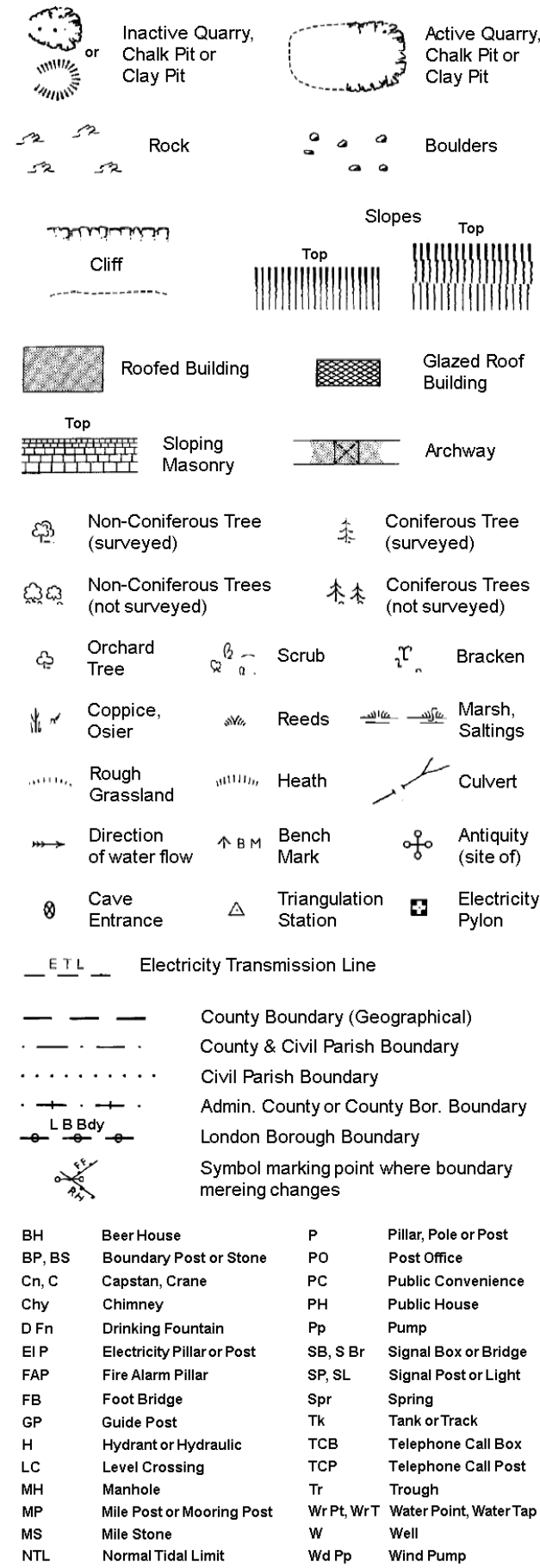
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

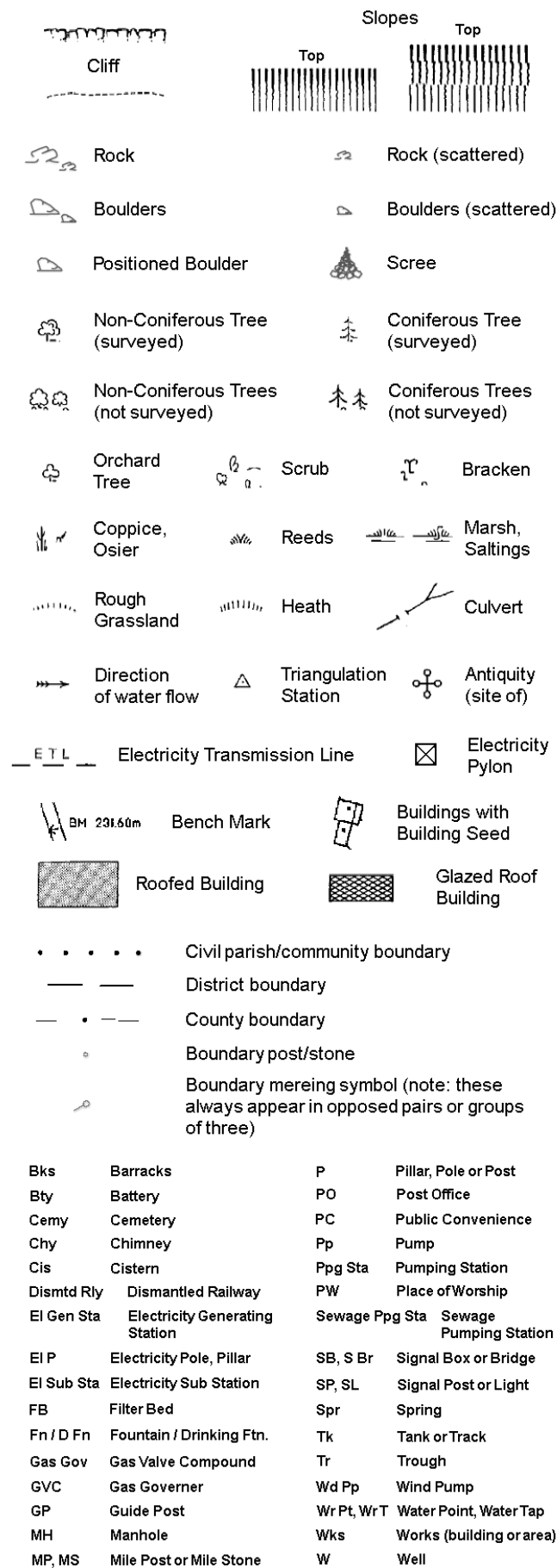
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



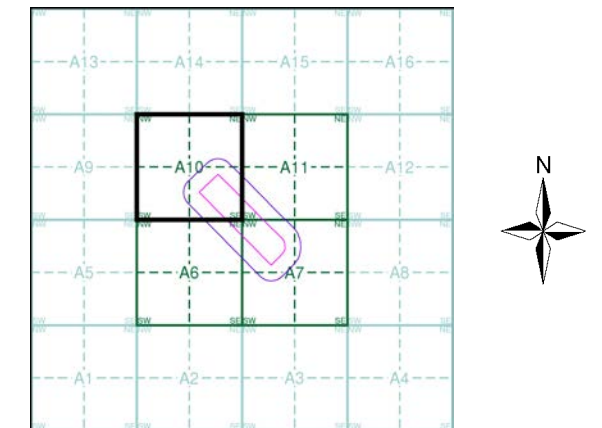
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Caithness-Shire	1:2,500	1873	2
Caithness-Shire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1968	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	2004	6

Historical Map - Segment A10



Order Details

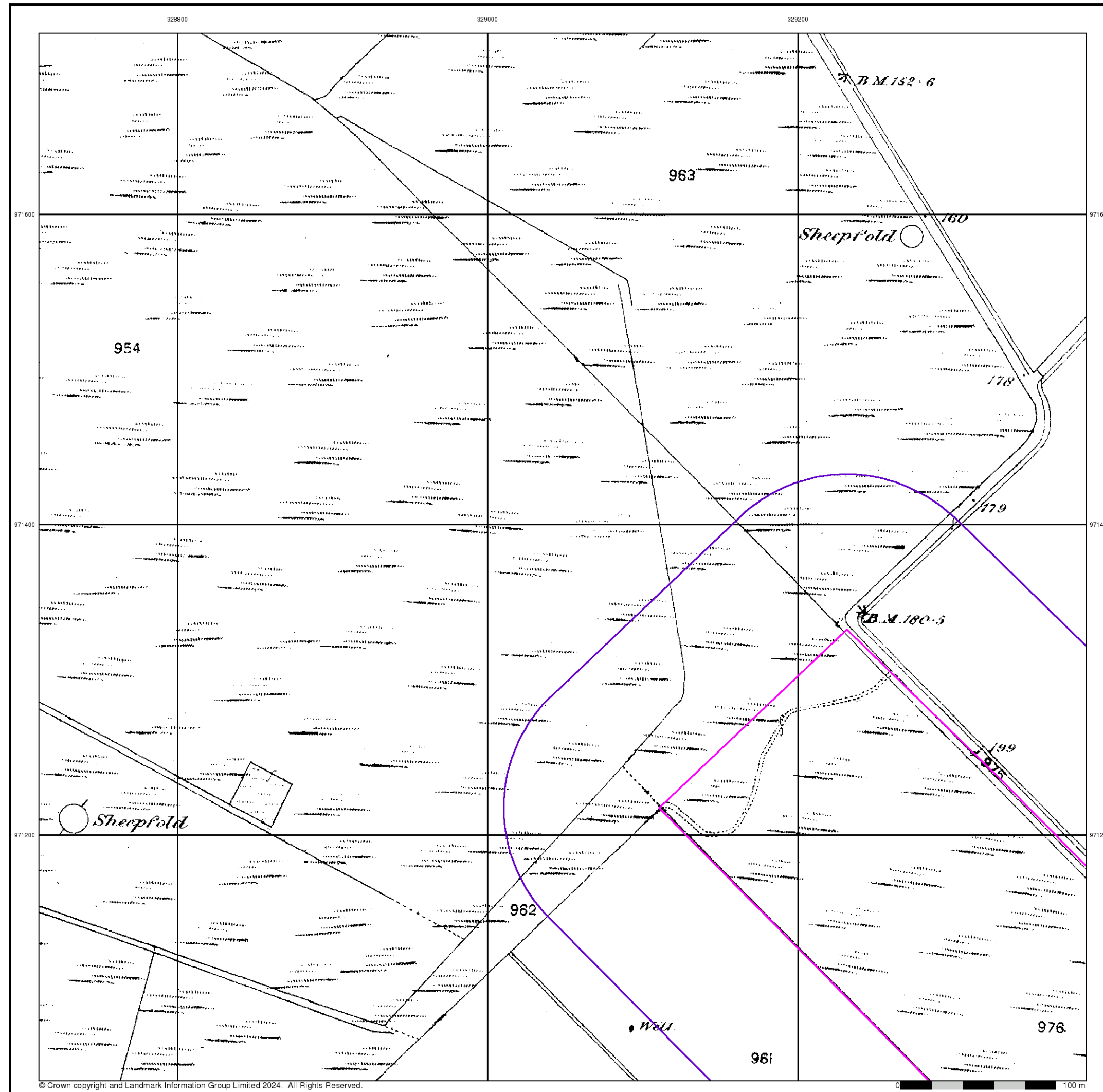
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Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

Site at 329400, 971050



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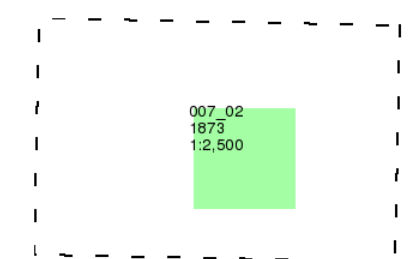
Caithness-Shire

Published 1873

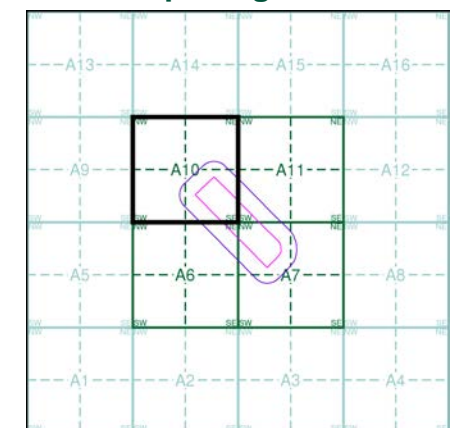
Source map scale - 1:2,500

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 A10



Order Details

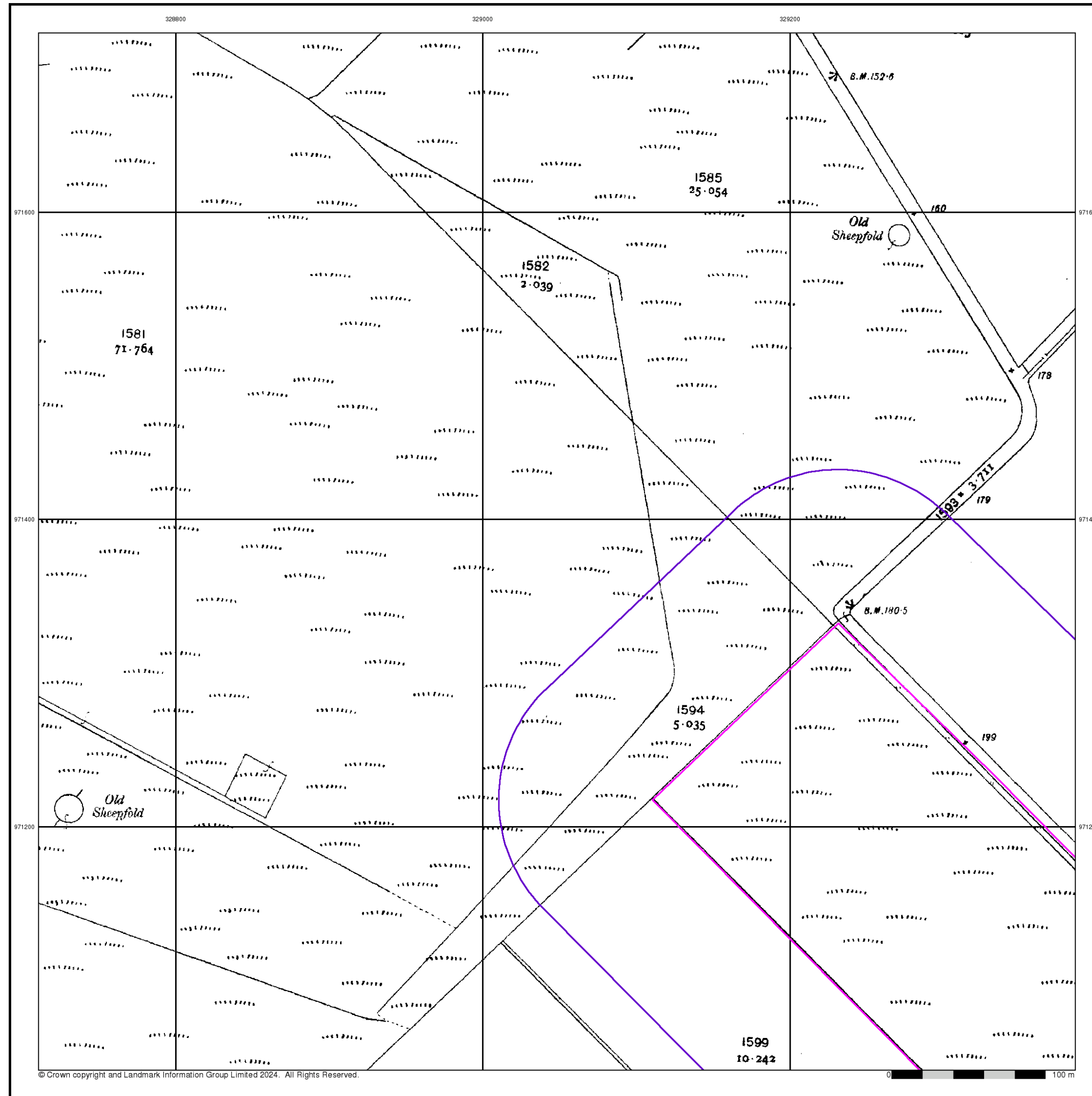
Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

Site at 329400, 971050



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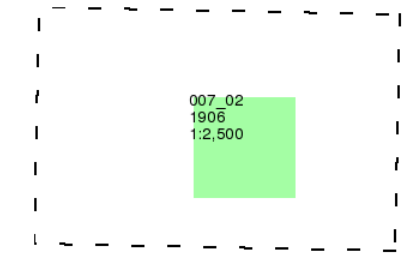
Caithness-Shire

Published 1906

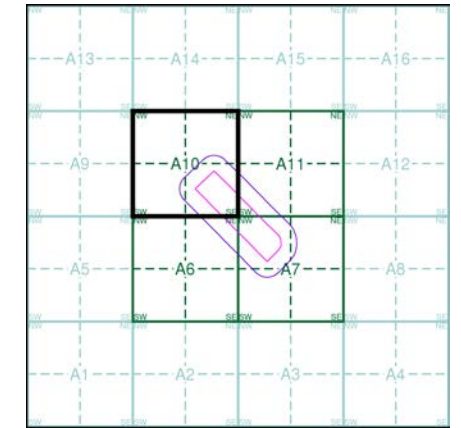
Source map scale - 1:2,500

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 A10



Order Details

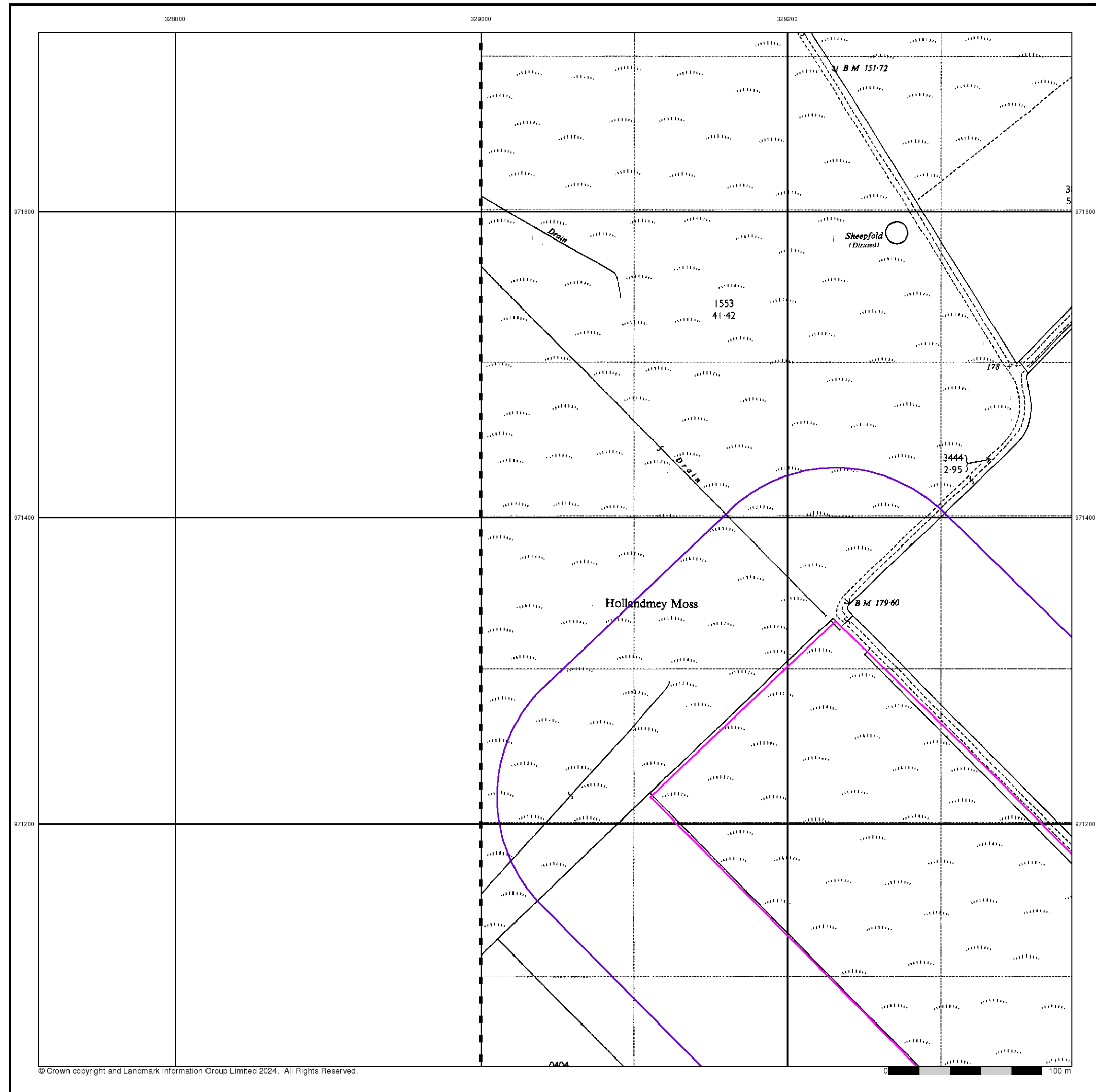
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Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

Site at 329400, 971050



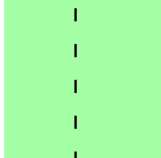
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Ordnance Survey Plan
Published 1968
Source map scale - 1:2,500

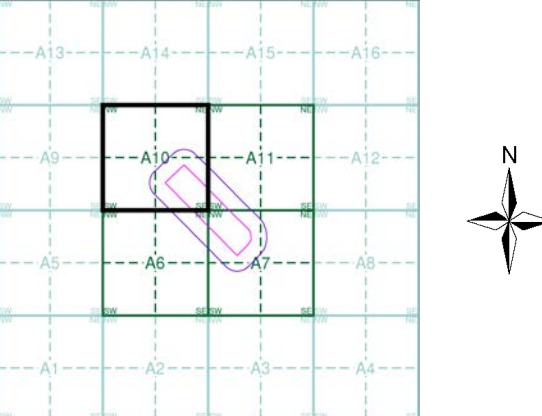
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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



ND2971
1968
1:2,500

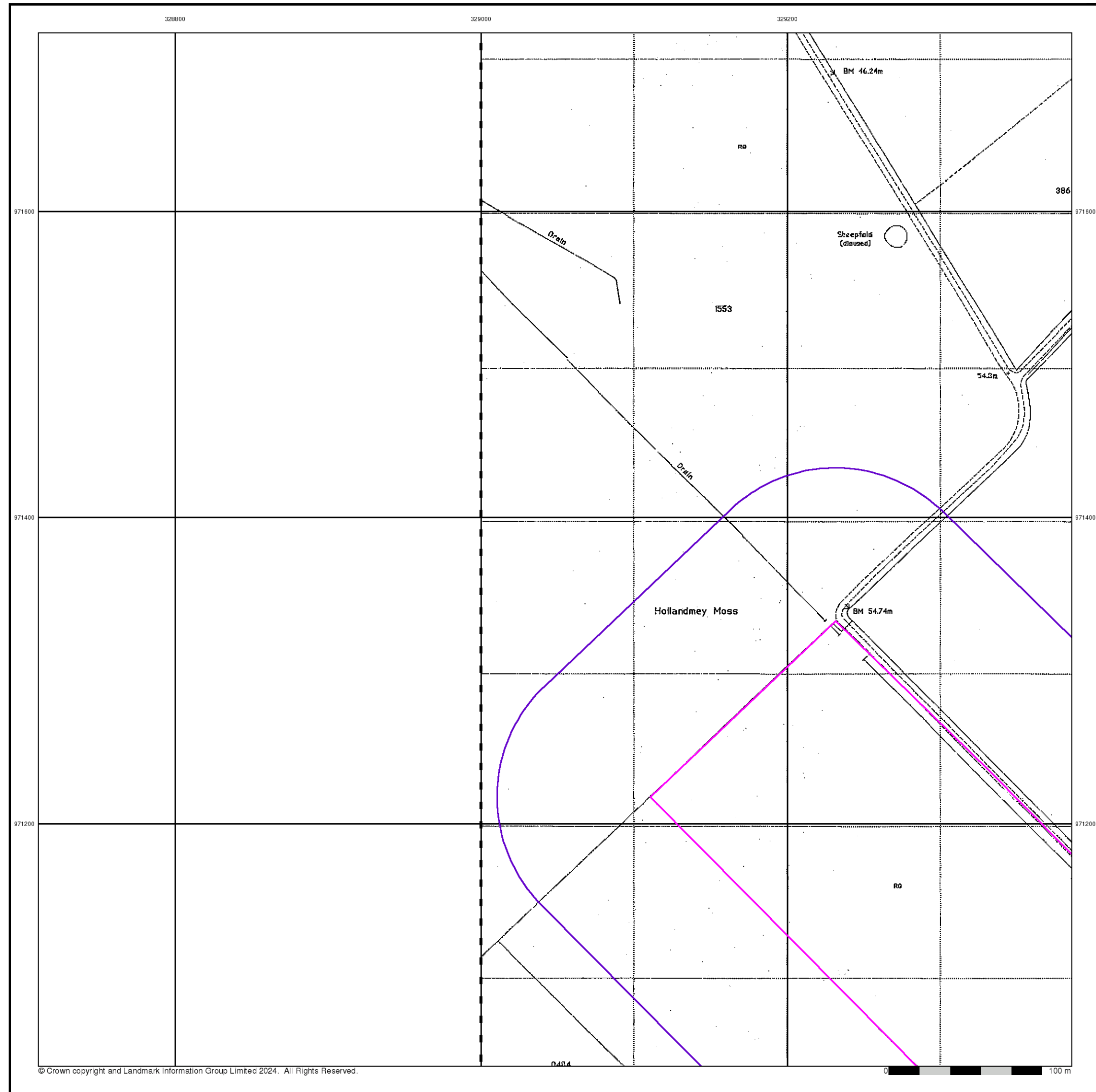
Historical Map - Segment A10




Order Details

Order Number:	333608385_1_1
Customer Ref:	085449
National Grid Reference:	329390, 971040
Slice:	A
Site Area (Ha):	10.93
Search Buffer (m):	100

Site Details
Site at 329400, 971050






Large-Scale National Grid Data

Published 1995

Source map scale - 1:2,500


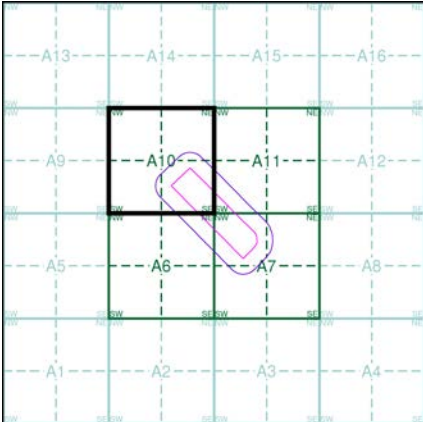
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)



ND2971
1995
1:2,500

Historical Map - Segment A10




Order Details

Order Number:	333608385_1_1
Customer Ref:	085449
National Grid Reference:	329390, 971040
Slice:	A
Site Area (Ha):	10.93
Search Buffer (m):	100

Site Details

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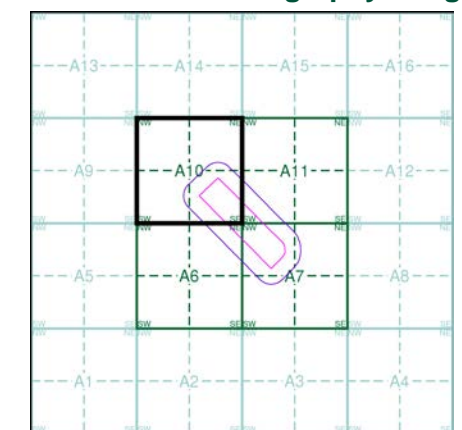


Historical Aerial Photography

Published 2004

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 A10



Order Details

Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
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Search Buffer (m): 100

Site Details

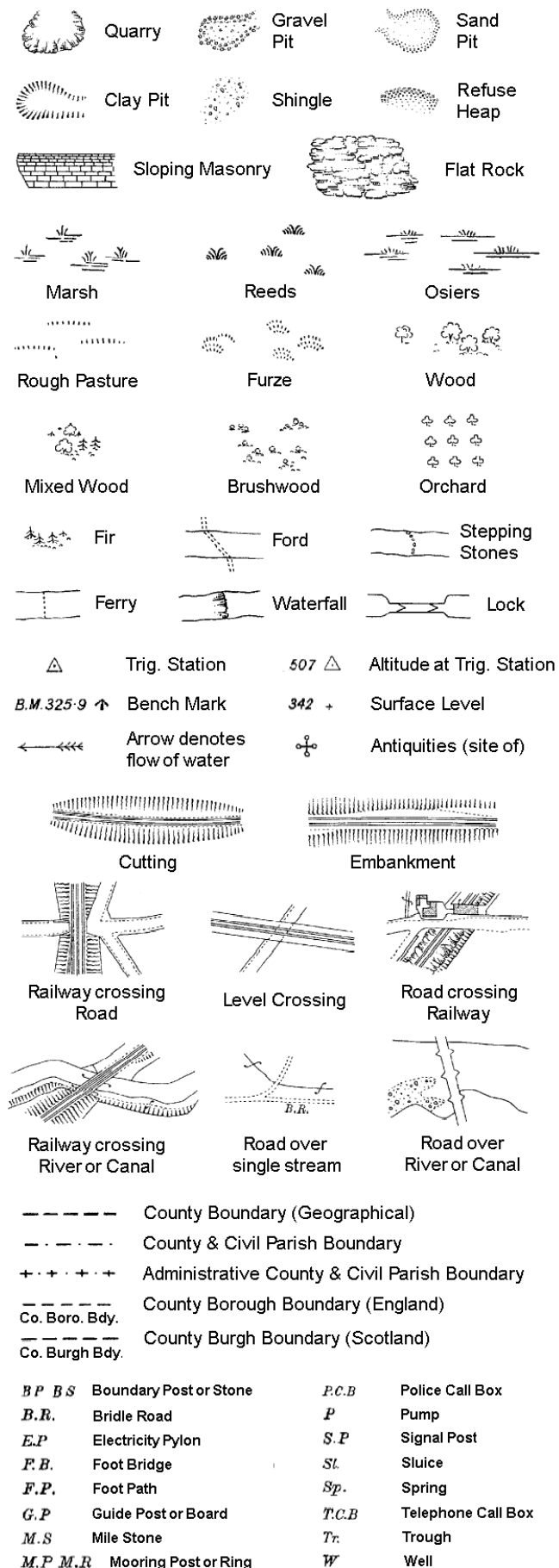
Site at 329400, 971050

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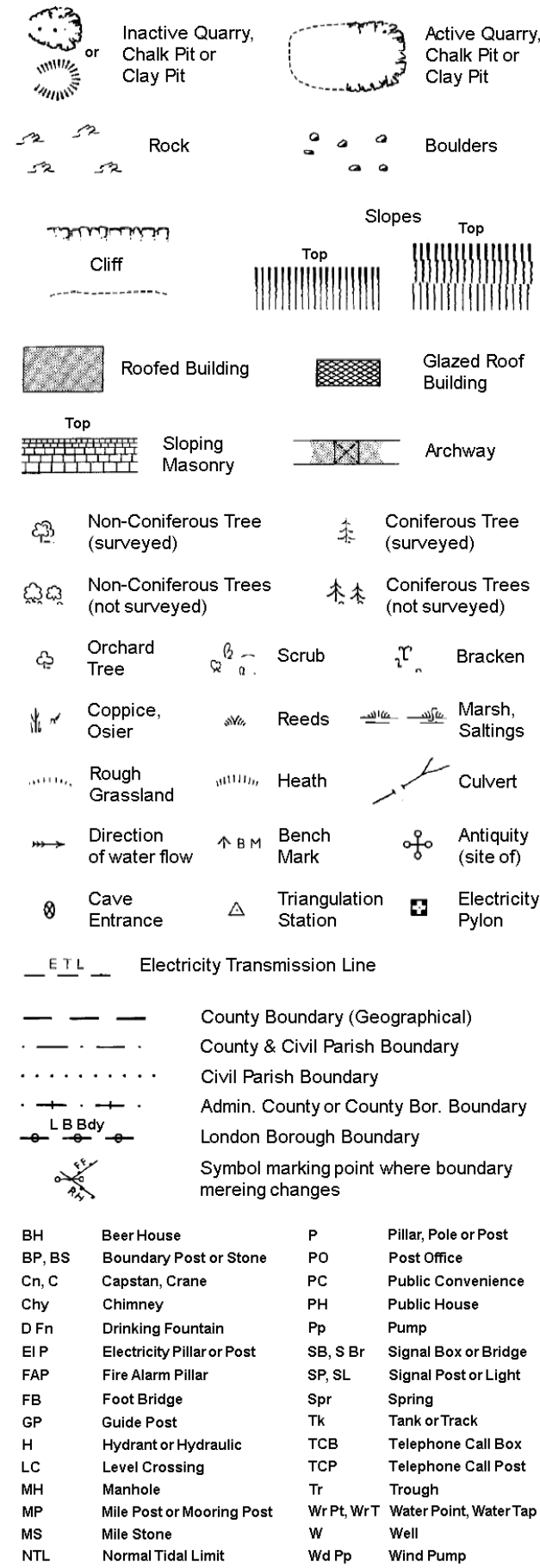
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

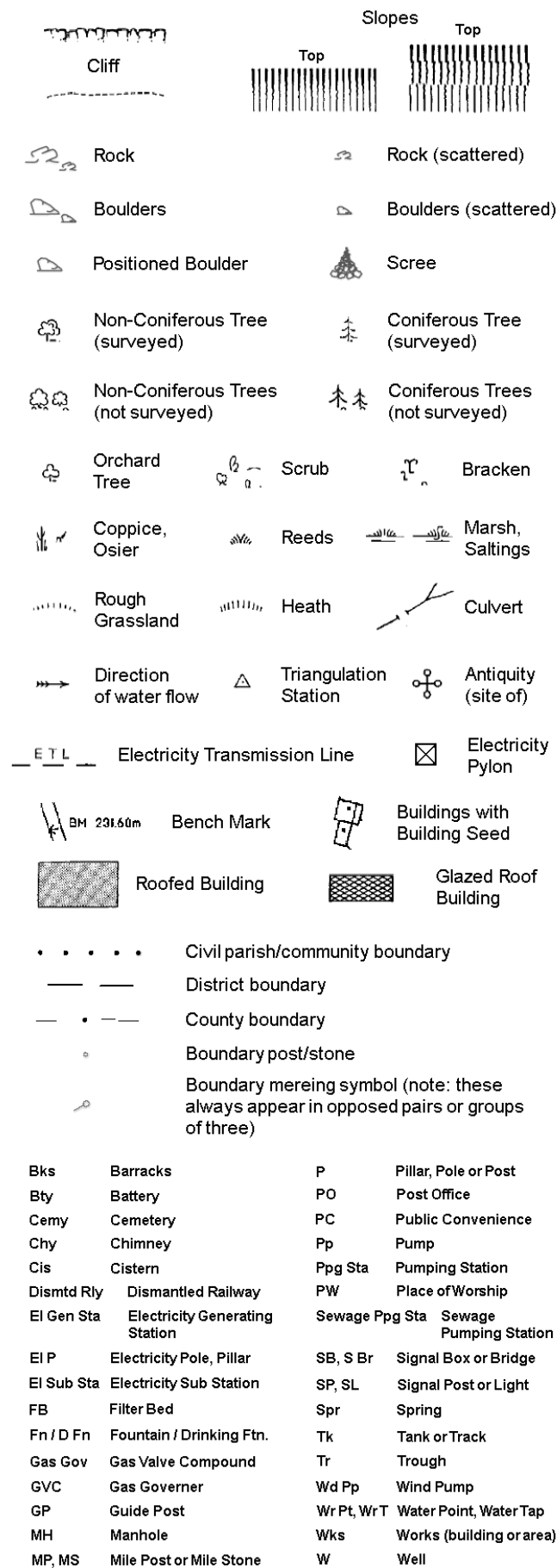
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



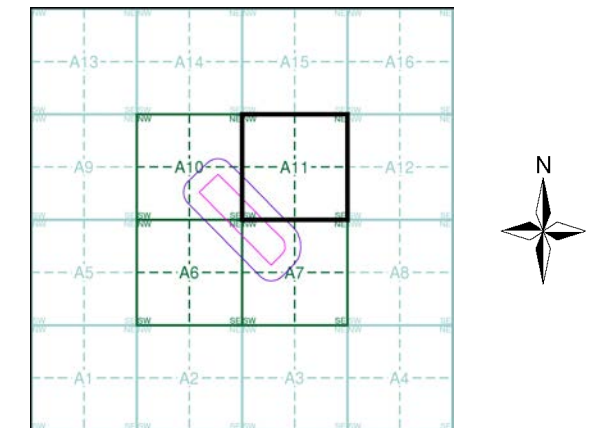
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Caithness-Shire	1:2,500	1873	2
Caithness-Shire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1968	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	2004	6

Historical Map - Segment A11



Order Details

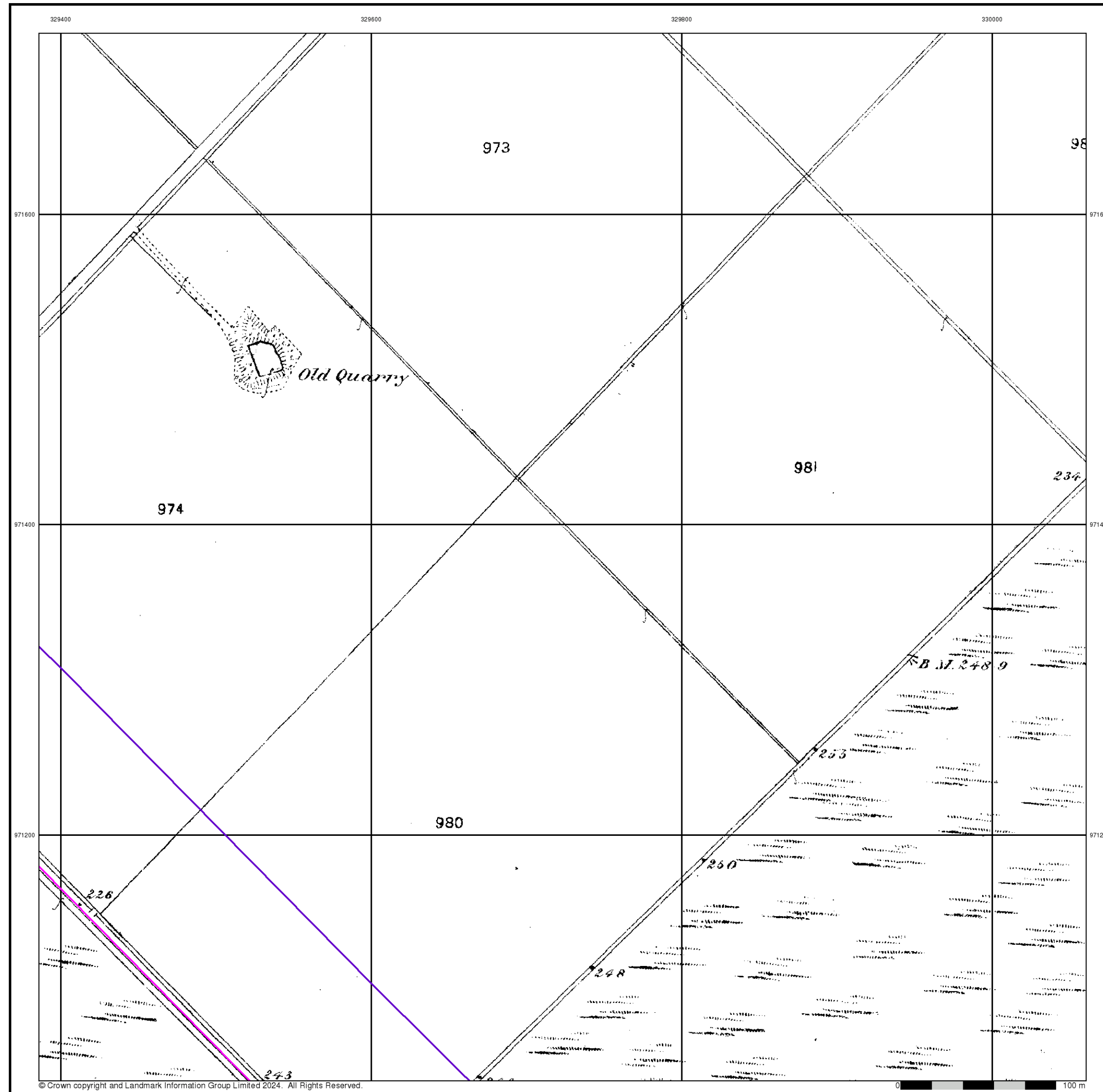
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Customer Ref: 085449
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Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

Site at 329400, 971050



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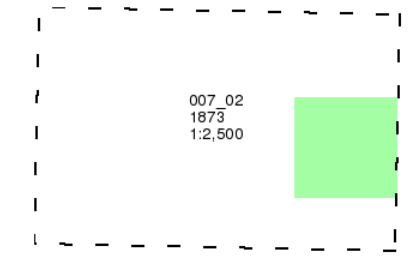
Caithness-Shire

Published 1873

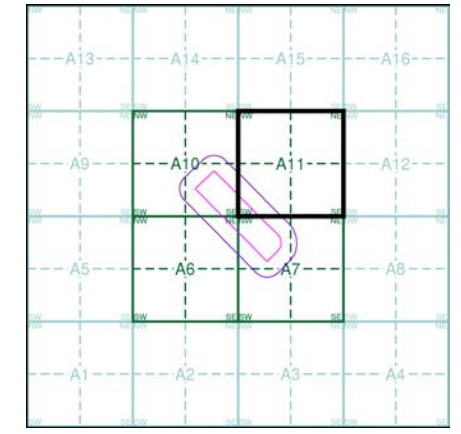
Source map scale - 1:2,500

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 A11



Order Details

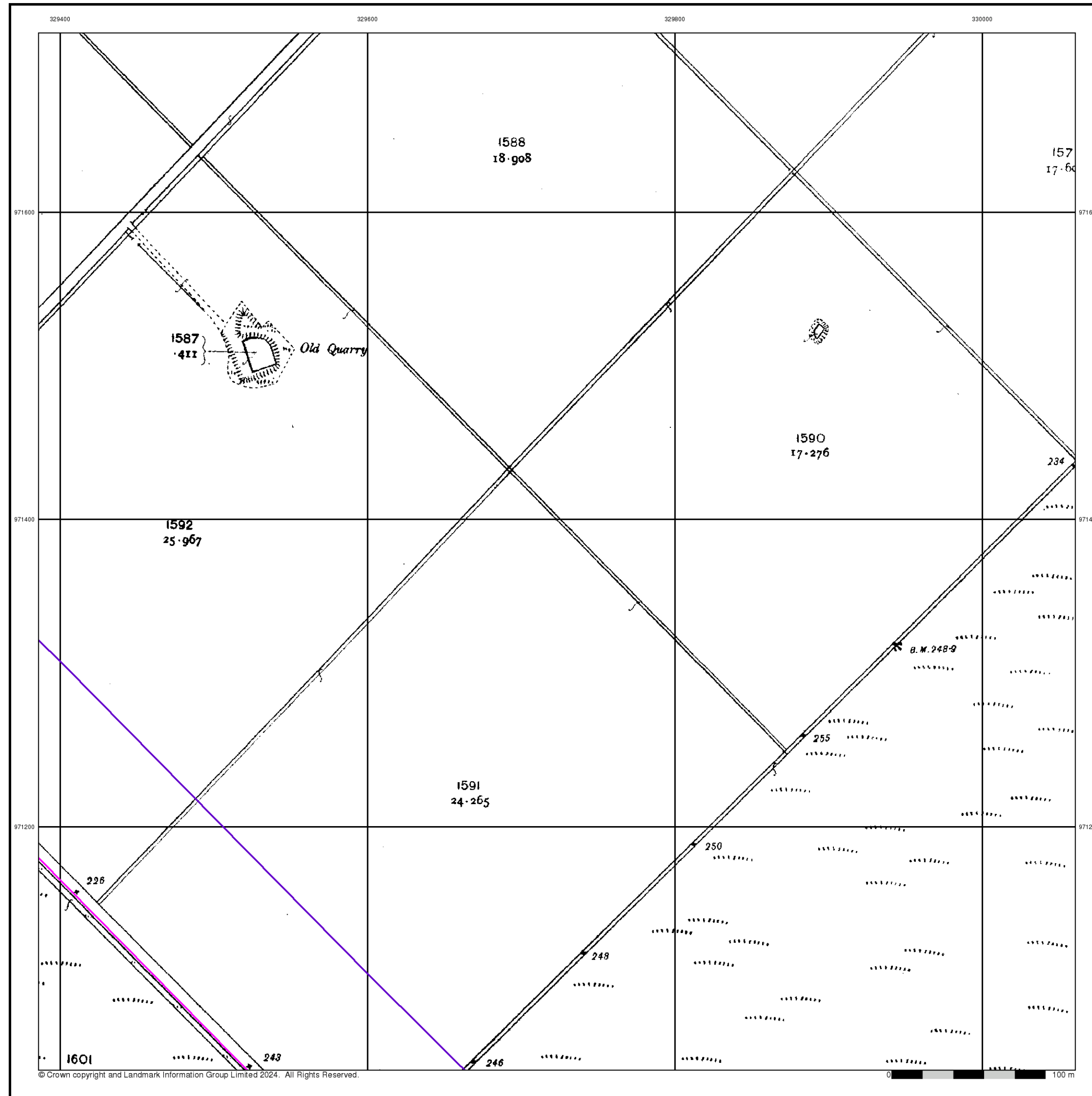
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Customer Ref: 085449
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Slice: A
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Site Details

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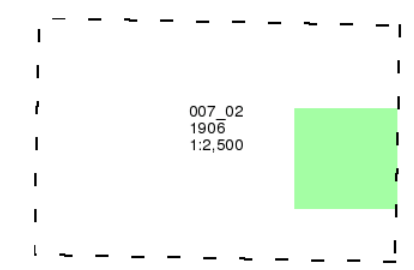
Caithness-Shire

Published 1906

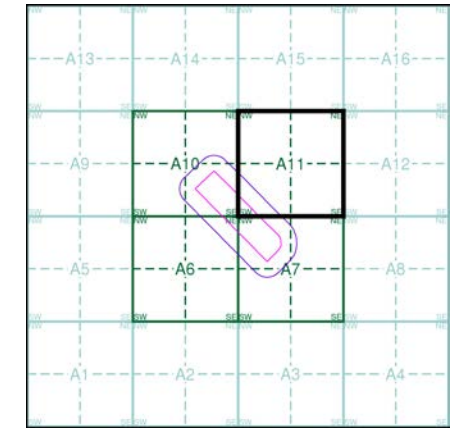
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Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

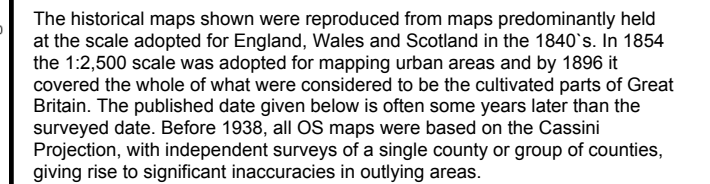
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Site Details

Site at 329400, 971050

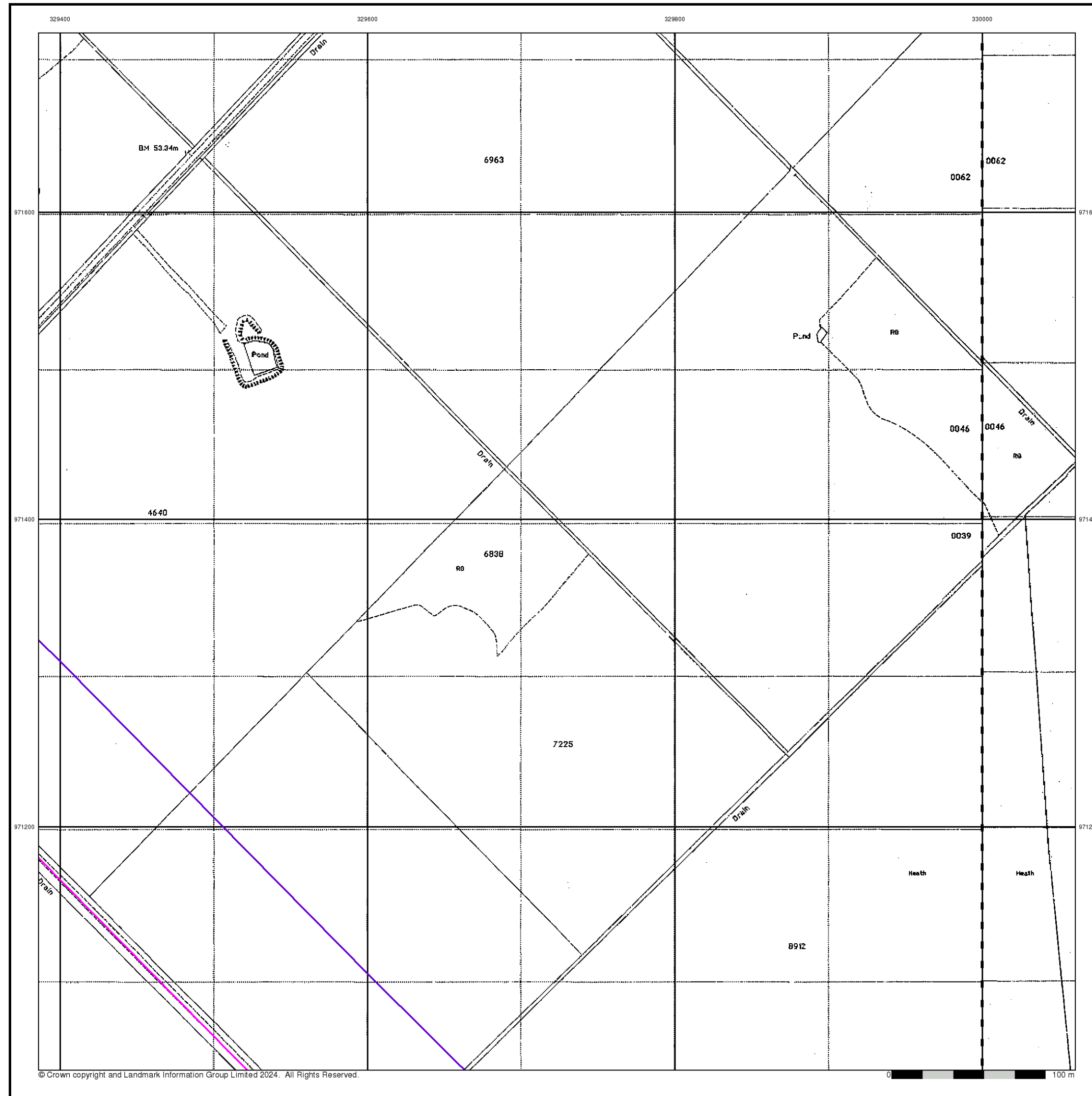


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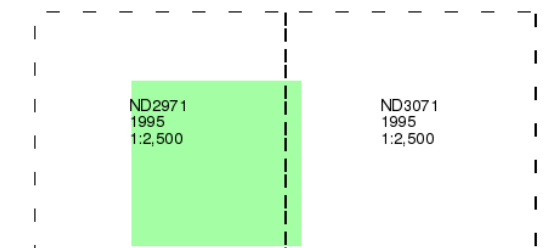
Large-Scale National Grid Data

Published 1995

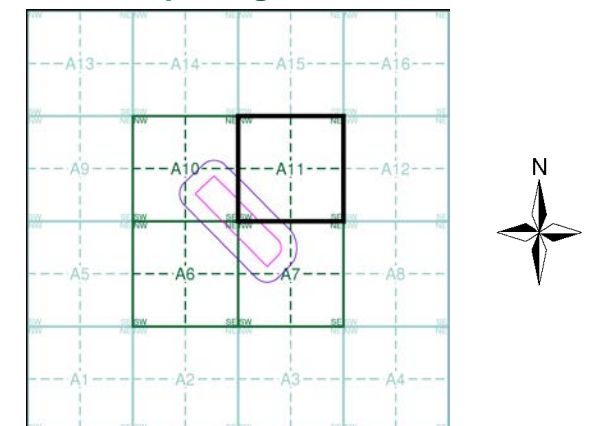
Source map scale - 1:2,500

'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)



Historical Map - Segment A11



Order Details

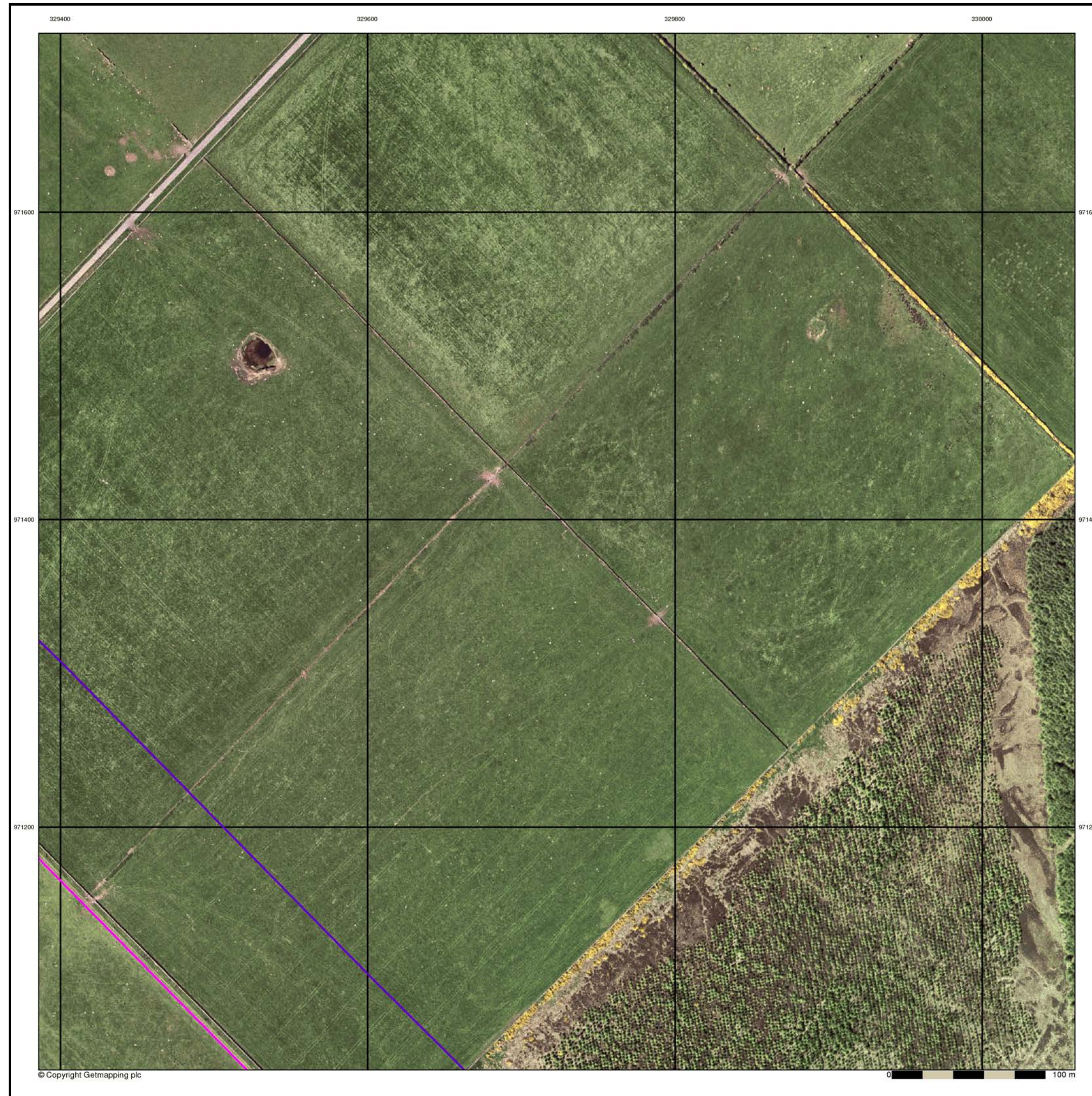
Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
Slice: A
Site Area (Ha): 10.93
Search Buffer (m): 100

Site Details

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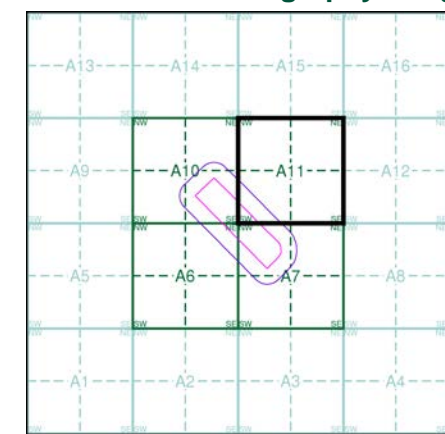


Historical Aerial Photography

Published 2004

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Historical Aerial Photography - Segment A11



Order Details

Order Number: 333608385_1_1
Customer Ref: 085449
National Grid Reference: 329390, 971040
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Site Area (Ha): 10.93
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Site Details

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8.3 Appendix C – 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 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 an 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 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

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

Classification	Definition	Examples
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 of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to an 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 the water environment. 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 an 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.

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

The term 'risk' in this instance refers to the risk that the source, pathway, receptor linkage for 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.