

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **Sl** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

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

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

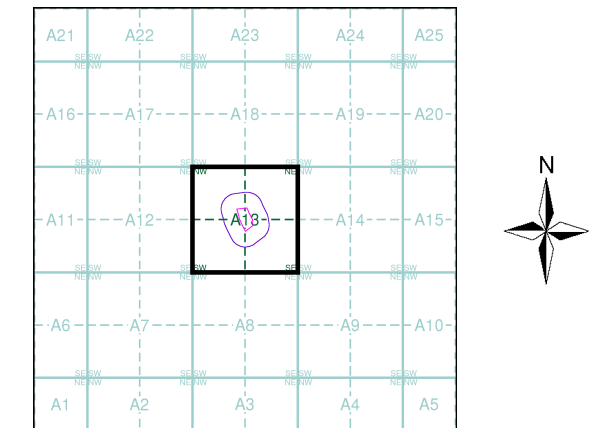
Envirocheck®

LANDMARK INFORMATION GROUP®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1893 - 1894	2
Yorkshire	1:2,500	1907 - 1908	3
Yorkshire	1:2,500	1922	4
Yorkshire	1:2,500	1933 - 1938	5
Ordnance Survey Plan	1:2,500	1956	6
Ordnance Survey Plan	1:1,250	1971	7
Ordnance Survey Plan	1:2,500	1972 - 1974	8
Supply of Unpublished Survey Information	1:1,250	1973	9
Supply of Unpublished Survey Information	1:2,500	1974	10
Supply of Unpublished Survey Information	1:1,250	1974	11
Additional SIMs	1:1,250	1977 - 1992	12
Additional SIMs	1:2,500	1987	13
Additional SIMs	1:2,500	1988	14
Additional SIMs	1:1,250	1988 - 1990	15
Additional SIMs	1:1,250	1990 - 1991	16
Additional SIMs	1:2,500	1990	17
Ordnance Survey Plan	1:1,250	1991 - 1992	18
Large-Scale National Grid Data	1:1,250	1993	19
Large-Scale National Grid Data	1:1,250	1994 - 1995	20
Historical Aerial Photography	1:2,500	1999	21

Historical Map - Segment A13



Order Details

Order Number: 226382729_1_1
 Customer Ref: 44688
 National Grid Reference: 423390, 426680
 Slice: A
 Site Area (Ha): 0.93
 Search Buffer (m): 100

Site Details

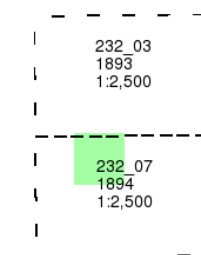
Site at 423390, 426690

Landmark®
 LANDMARK INFORMATION GROUP

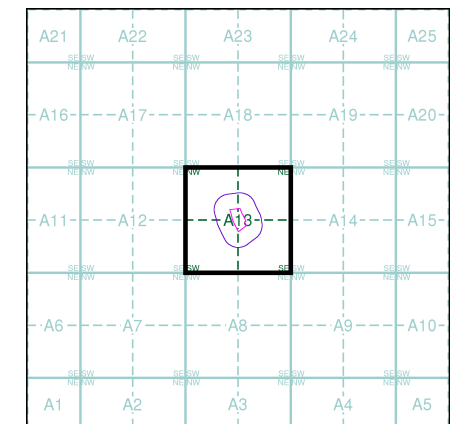
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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 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 A13

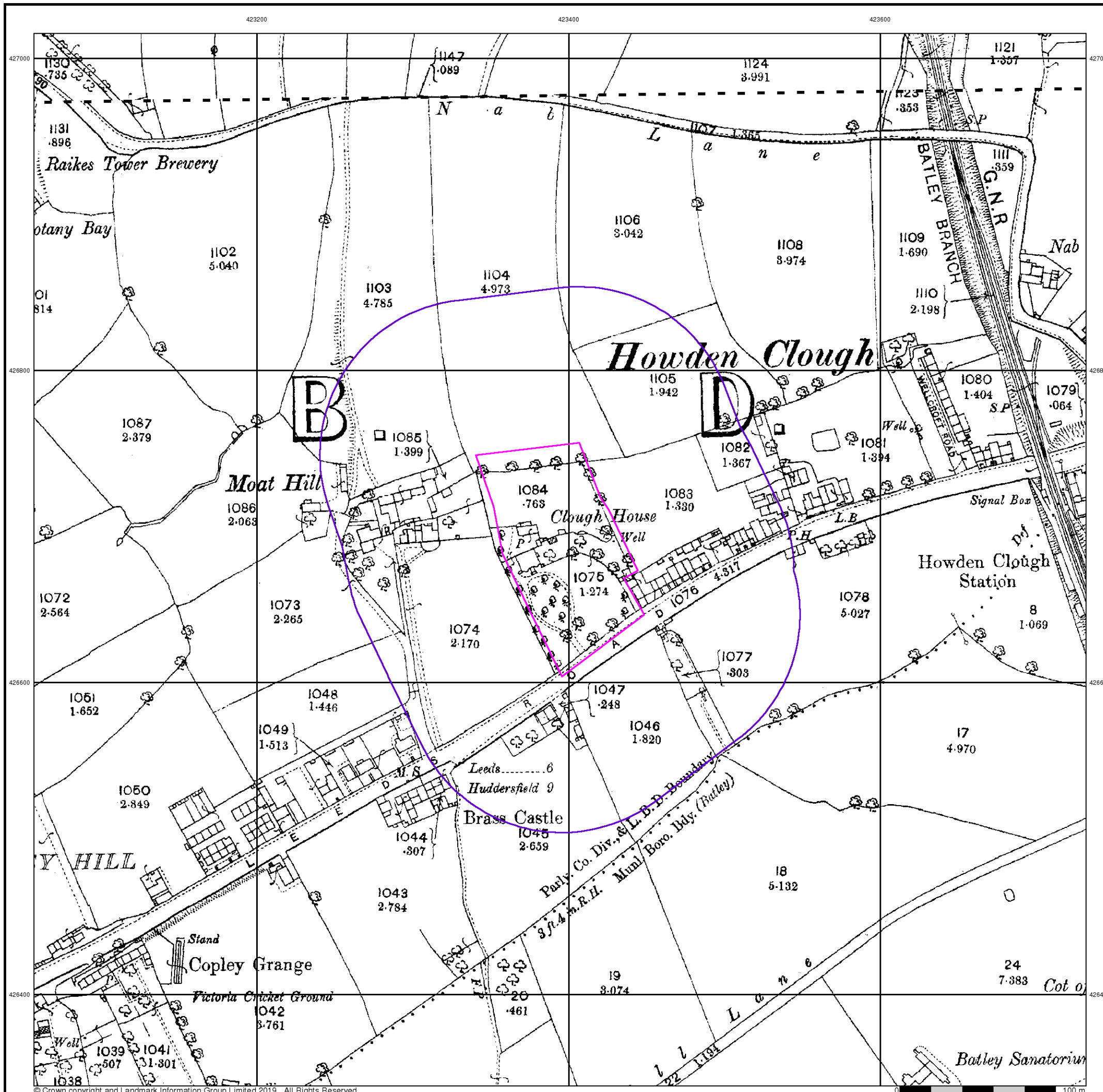


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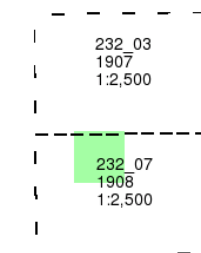
Site Details

Site at 423390, 426690

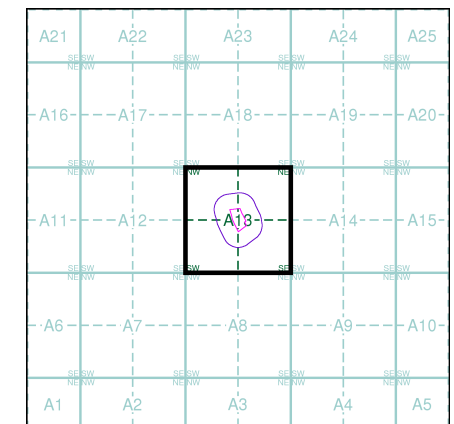


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Historical Map - Segment A13

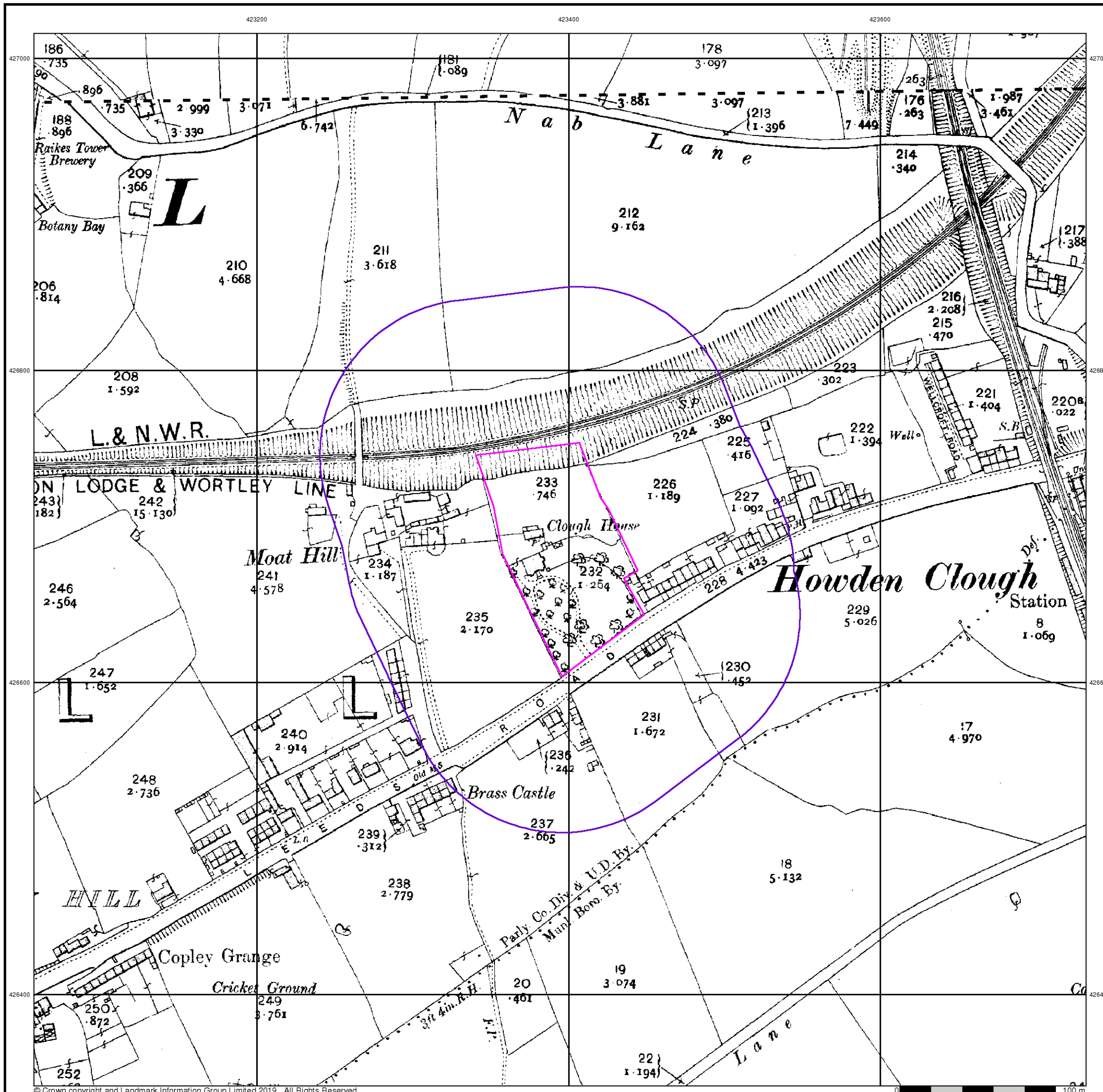


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Order Number: 226382729_1_1
 Customer Ref: 44688
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 Slice: A
 Site Area (Ha): 0.93
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Site Details

Site at 423390, 426690

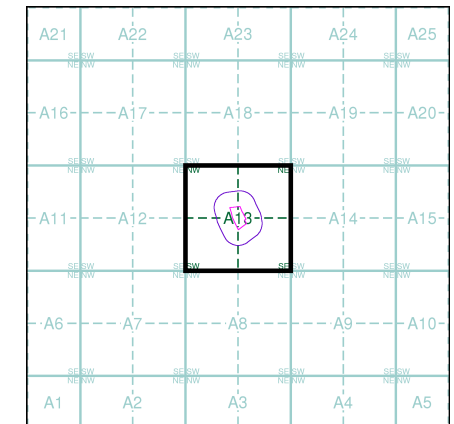


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

232_03	1922	1:2,500
232_07	1922	1:2,500

Historical Map - Segment A13

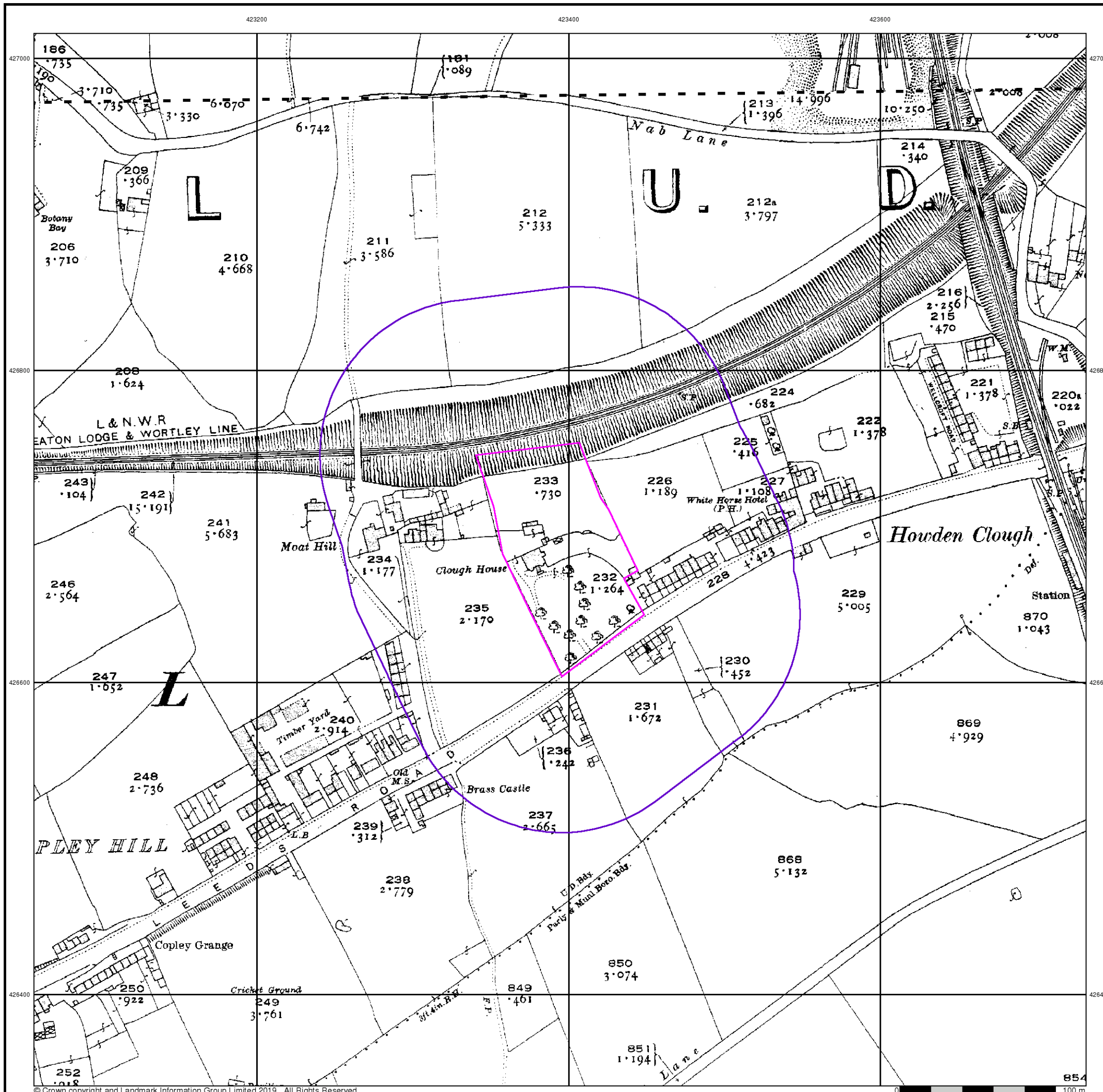


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Site Details

Site at 423390, 426690



Yorkshire

Published 1933 - 1938

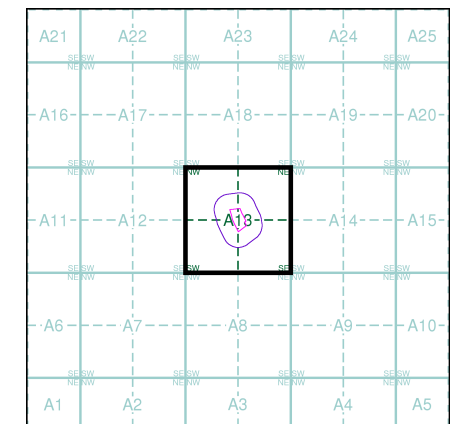
Source map scale - 1:2,500

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)

232_03	1938	1:2,500
232_07	1933	1:2,500

Historical Map - Segment A13

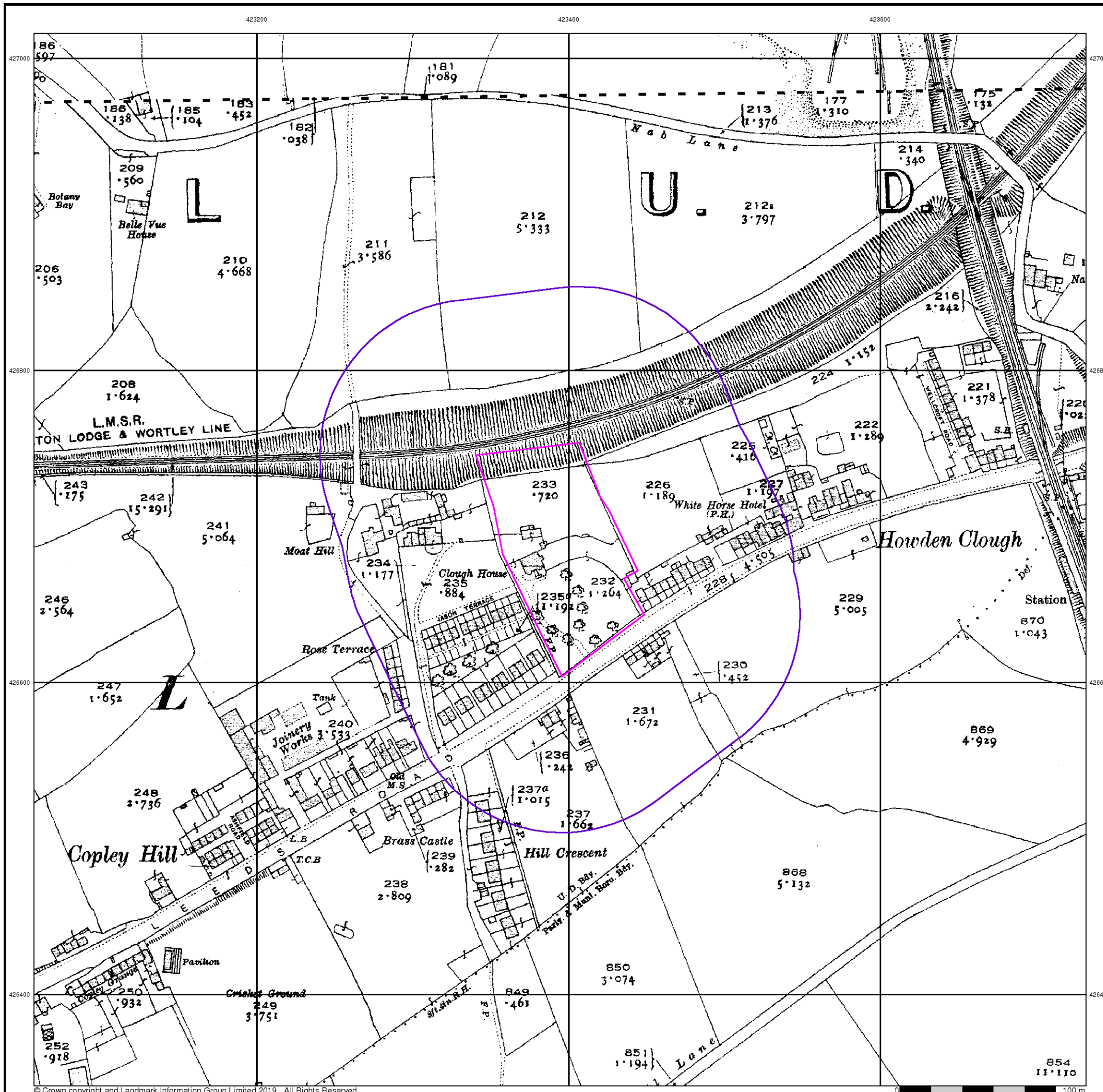


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Site Details

Site at 423390, 426690



Ordnance Survey Plan

Published 1956

Source map scale - 1:2,500

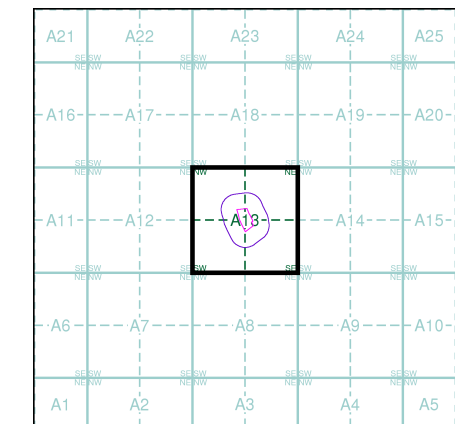
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

SE2327
1956
1:2,500

SE2326
1956
1:2,500

Historical Map - Segment A13

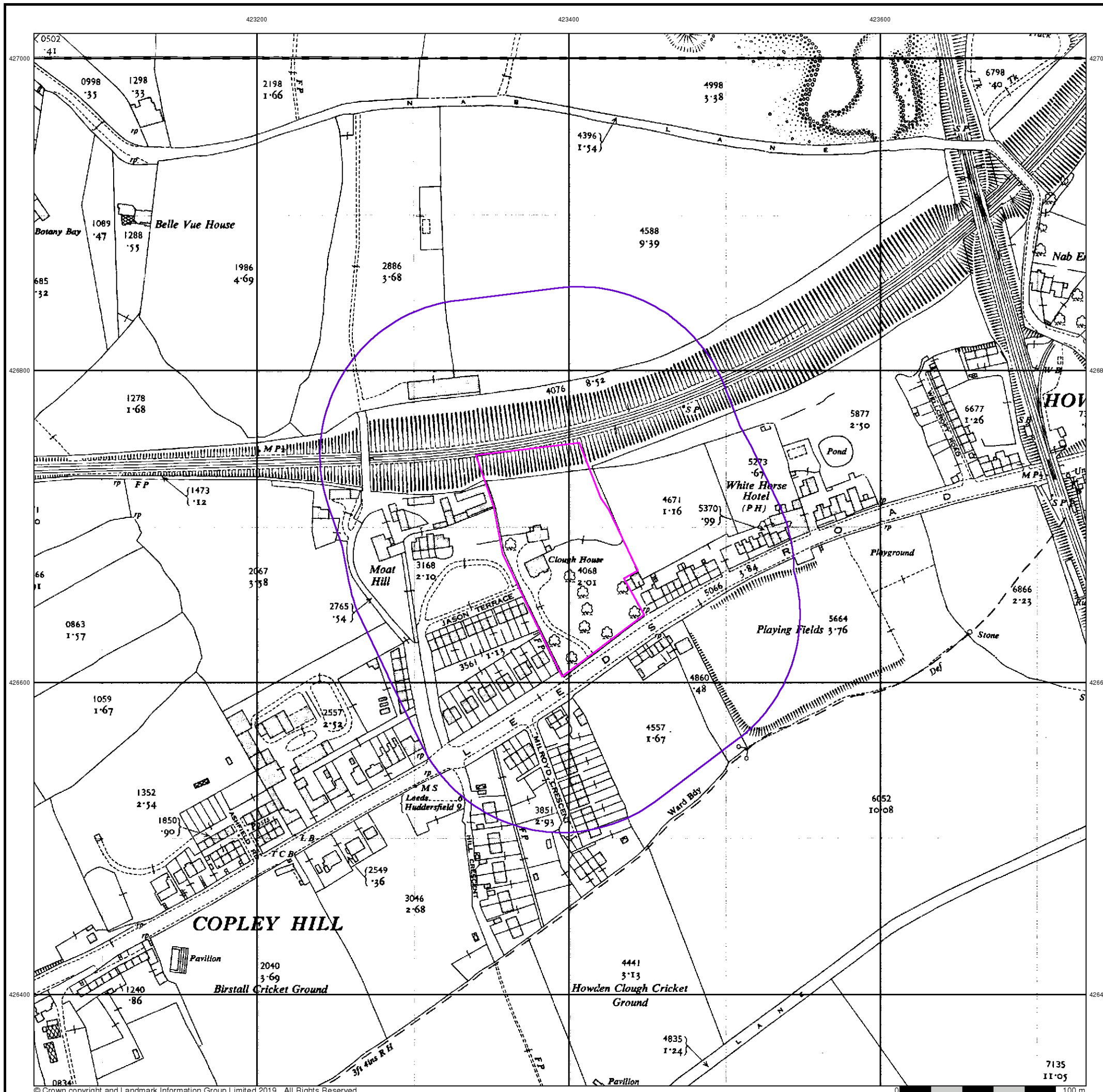


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Order Number: 226382729_1_1
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 Slice: A
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 Search Buffer (m): 100

Site Details

Site at 423390, 426690



Ordnance Survey Plan

Published 1971

Source map scale - 1:1,250

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

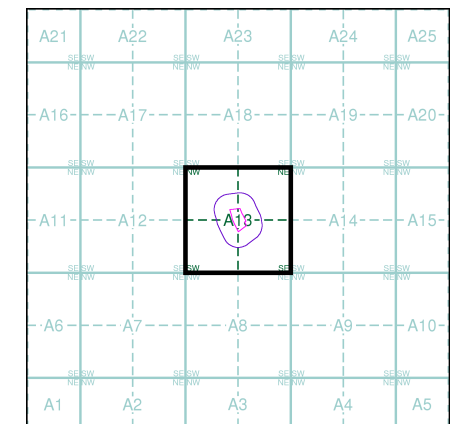
Map Name(s) and Date(s)

E2327SW
971
1:1,250

E2326NWSE2326NE
971 1971
1:1,250 1:1,250

E2326SWSE2326SE
971 1971
1:1,250 1:1,250

Historical Map - Segment A13

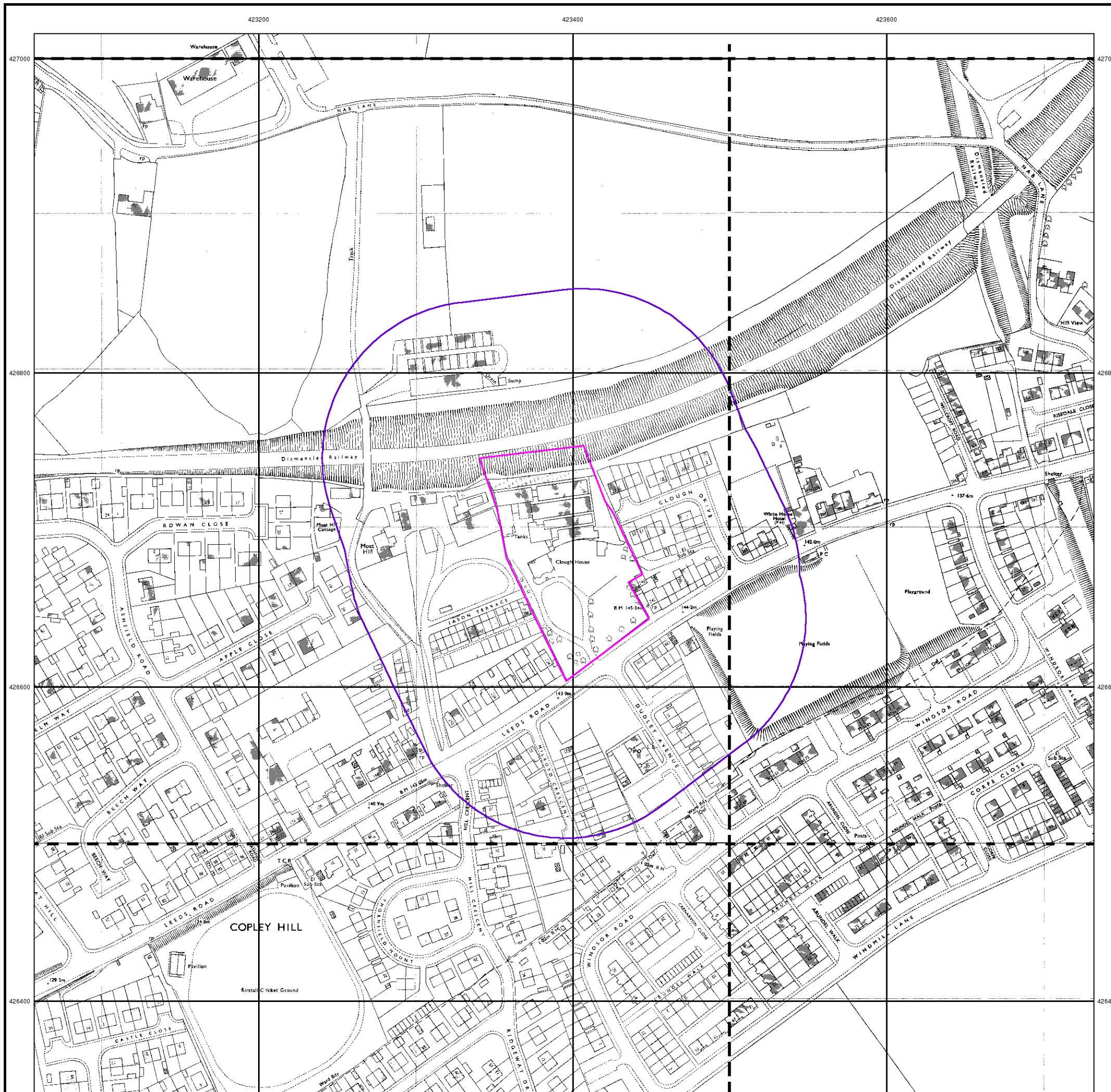


Order Details

Order Number: 226382729_1_1
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 Slice: A
 Site Area (Ha): 0.93
 Search Buffer (m): 100

Site Details

Site at 423390, 426690



Ordnance Survey Plan

Published 1972 - 1974

Source map scale - 1:2,500

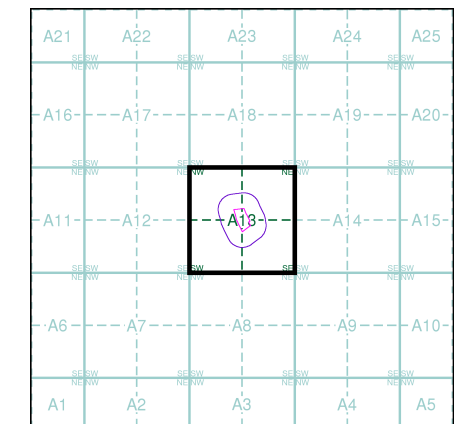
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

SE2327
1974
1:2,500

SE2326
1972
1:2,500

Historical Map - Segment A13

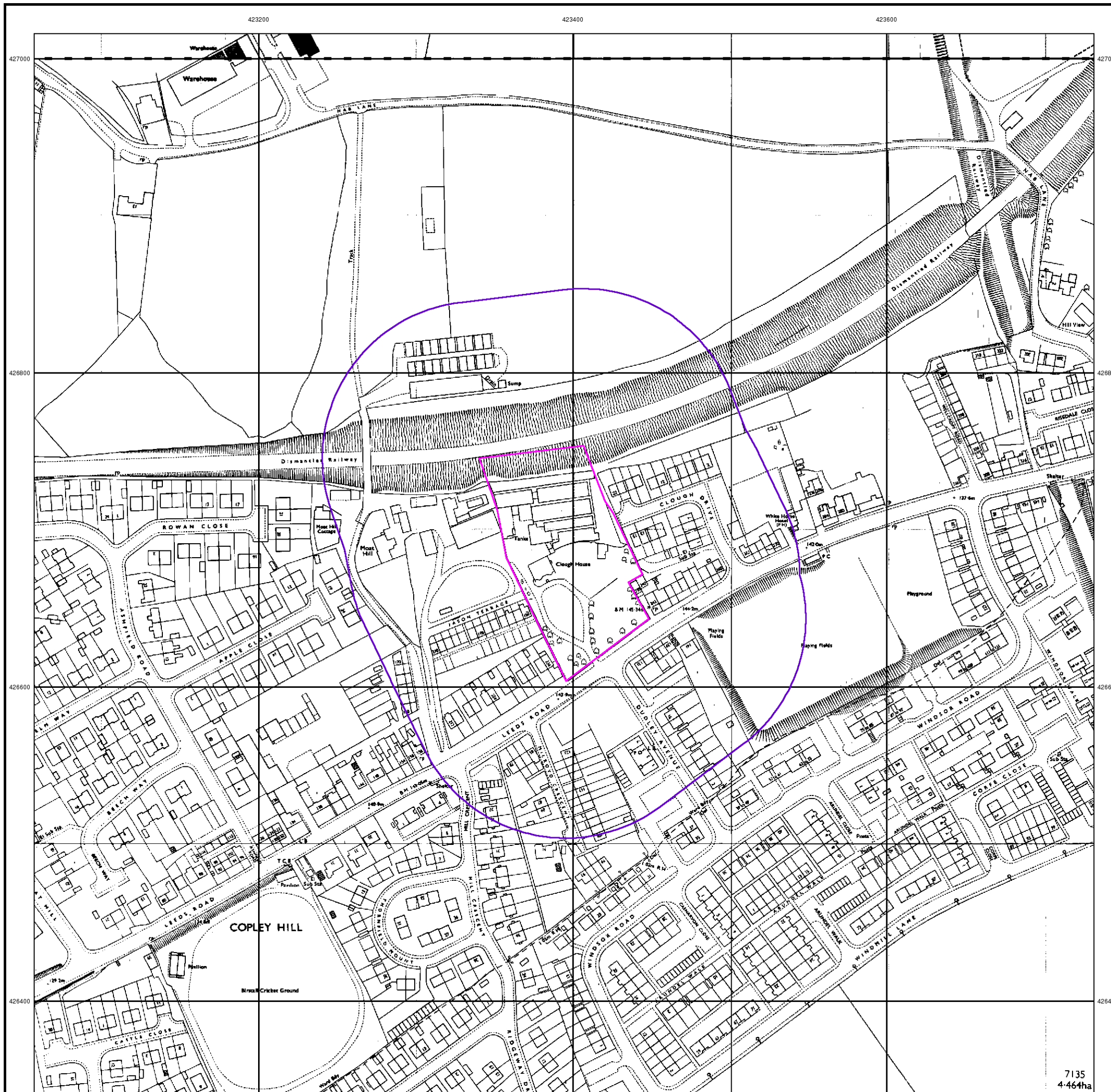


Order Details

Order Number: 226382729_1_1
Customer Ref: 44688
National Grid Reference: 423390, 426680
Slice: A
Site Area (Ha): 0.93
Search Buffer (m): 100

Site Details

Site at 423390, 426690



Supply of Unpublished Survey Information

Published 1973

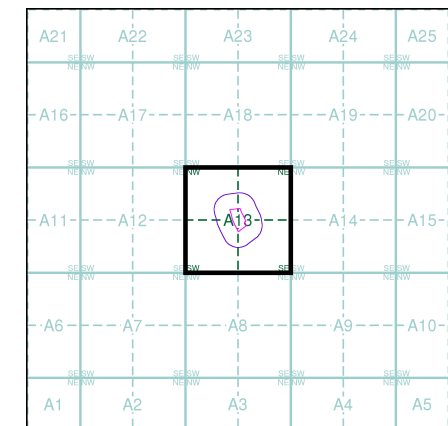
Source map scale - 1:1,250

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)

SE2326NW 1973 1:1,250	SE2326NE 1973 1:1,250
SE2326SW 1973 1:1,250	

Historical Map - Segment A13

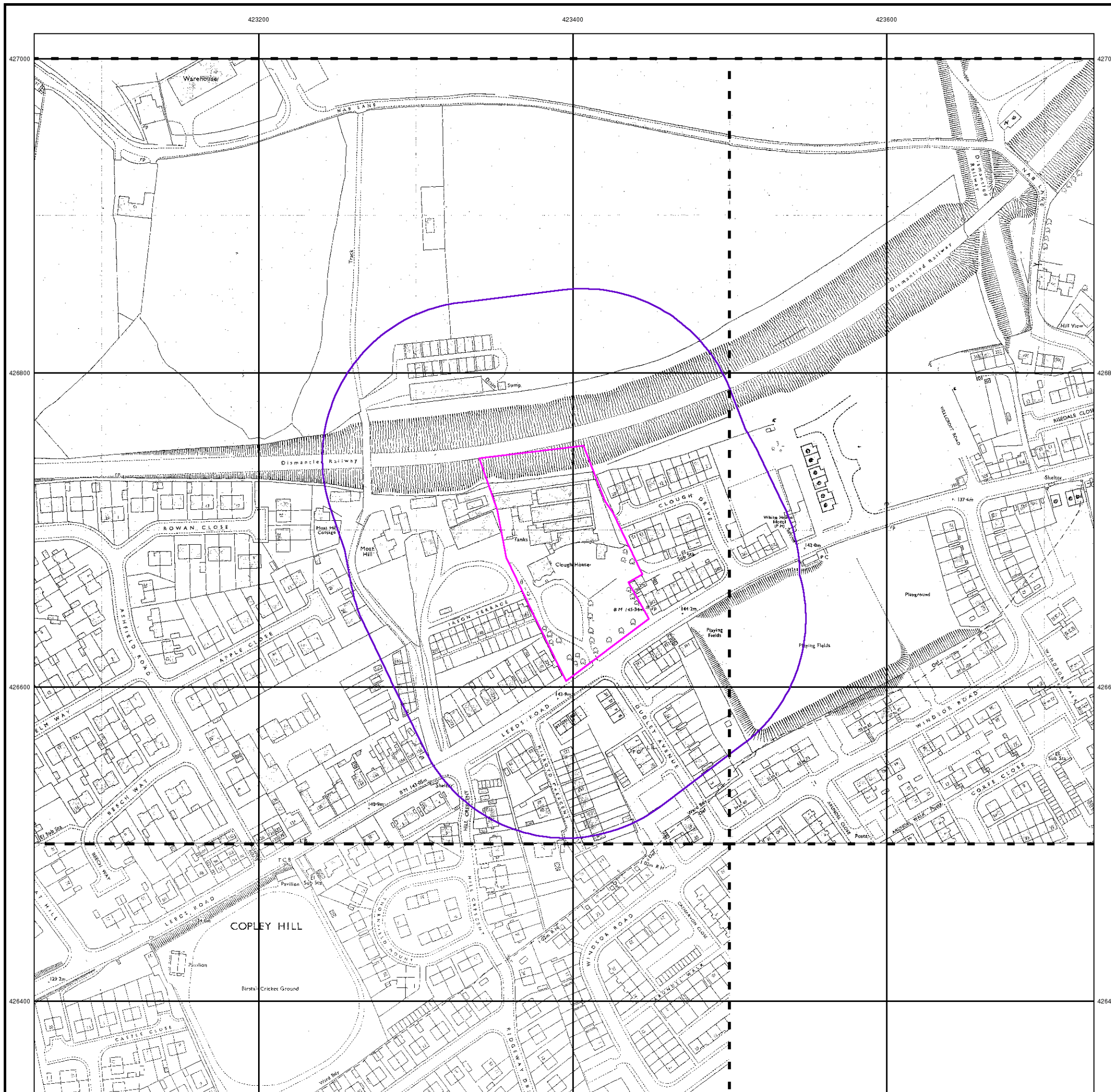


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 Slice: A
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 Search Buffer (m): 100

Site Details

Site at 423390, 426690



Supply of Unpublished Survey Information

Published 1974

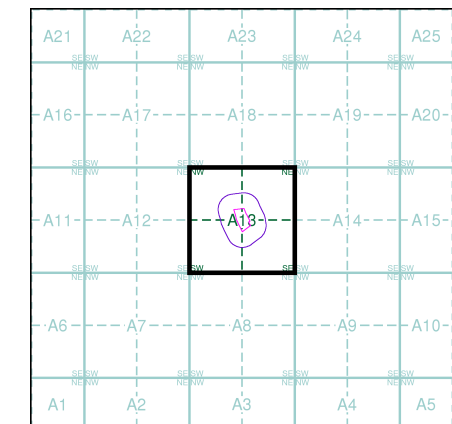
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SE2327
1974
1:2,500

Historical Map - Segment A13

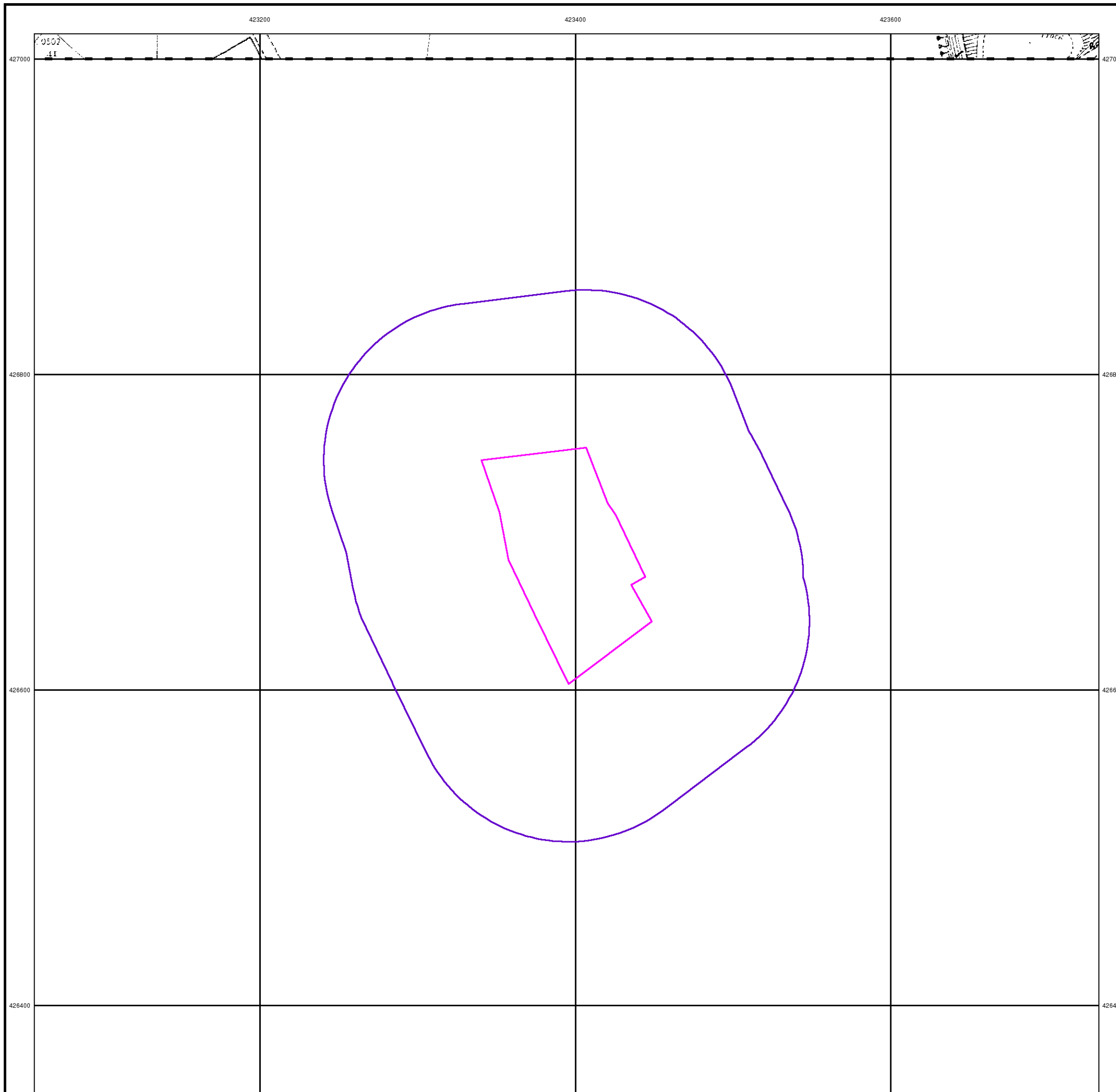


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Site Details

Site at 423390, 426690



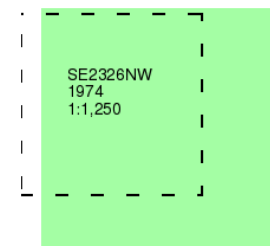
Supply of Unpublished Survey Information

Published 1974

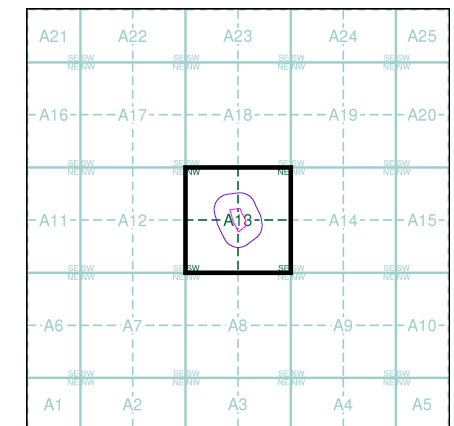
Source map scale - 1:1,250

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

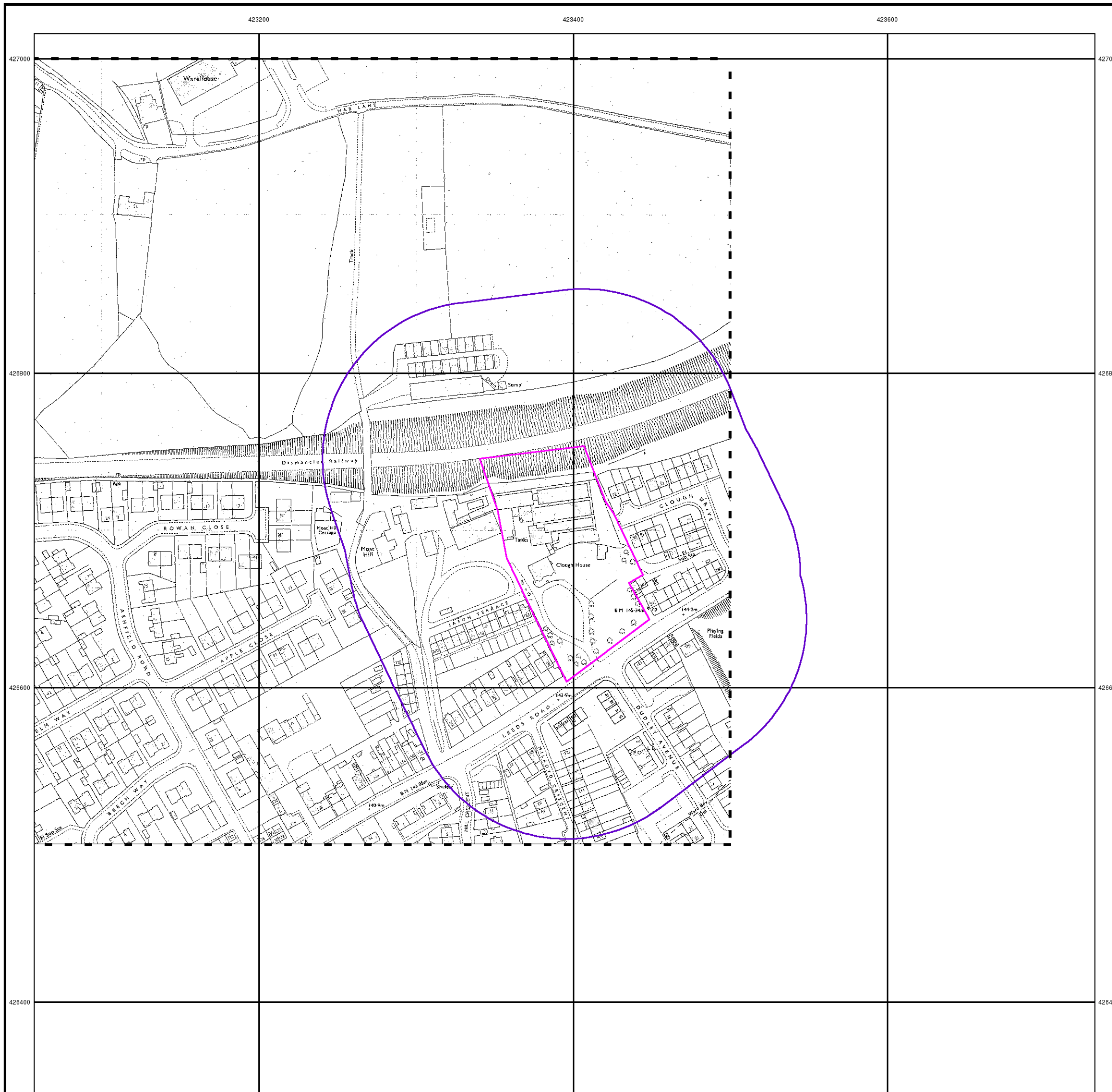


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Site Details

Site at 423390, 426690



Additional SIMs

Published 1977 - 1992

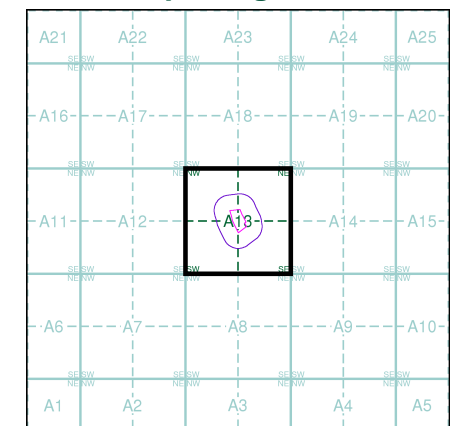
Source map scale - 1:1,250

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)

E2327SW	E2327SE
987	1992
1:1,250	1:1,250
E2326NW	E2326NE
985	1978
1:1,250	1:1,250
E2326SW	E2326SE
977	1977
1:1,250	1:1,250

Historical Map - Segment A13

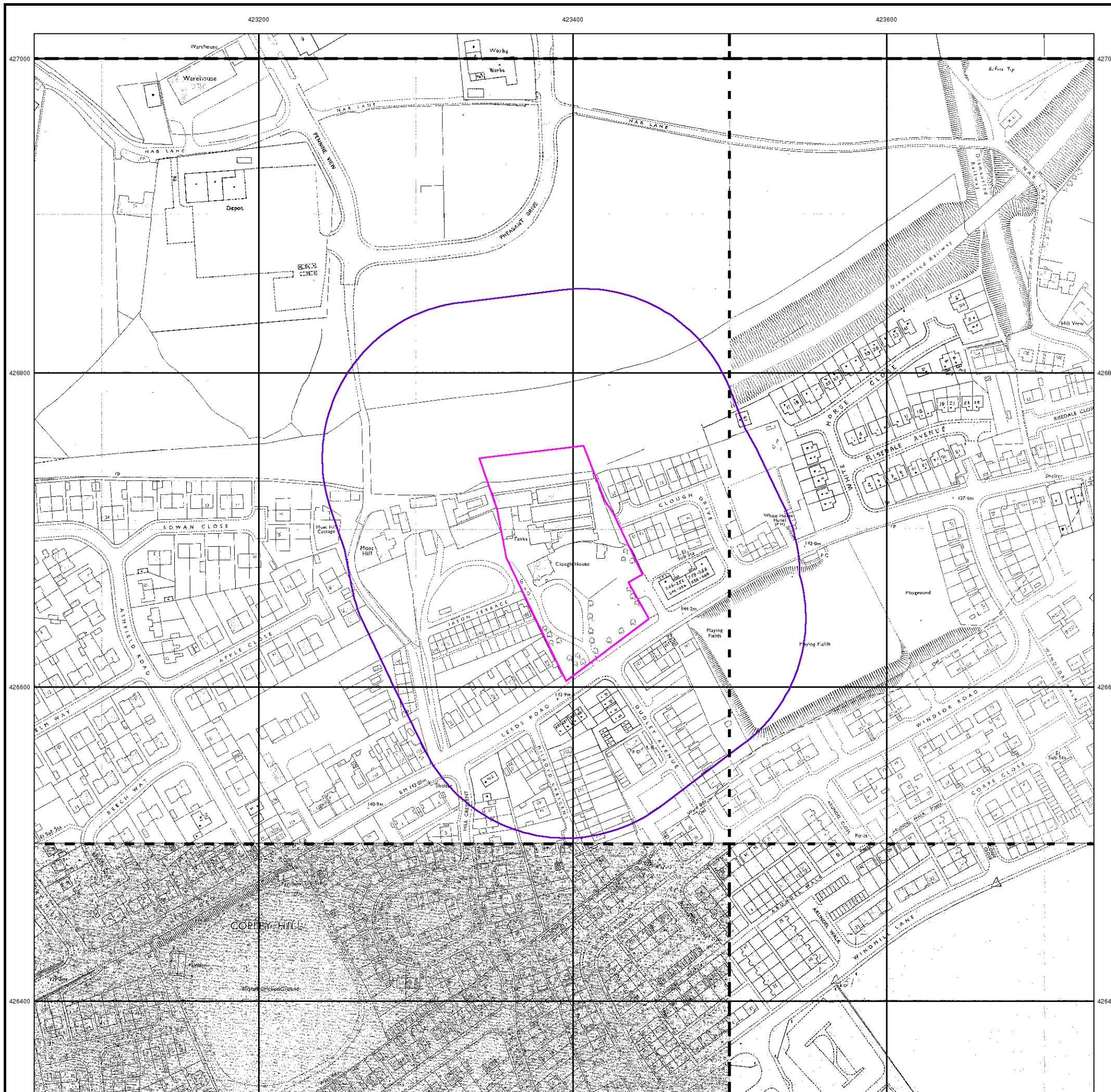


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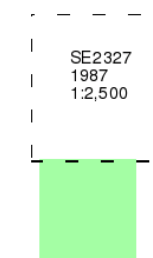
Additional SIMs

Published 1987

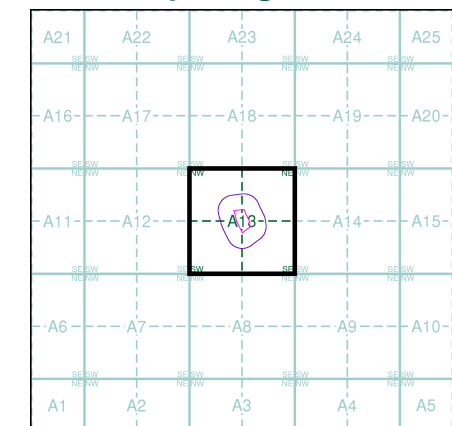
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13

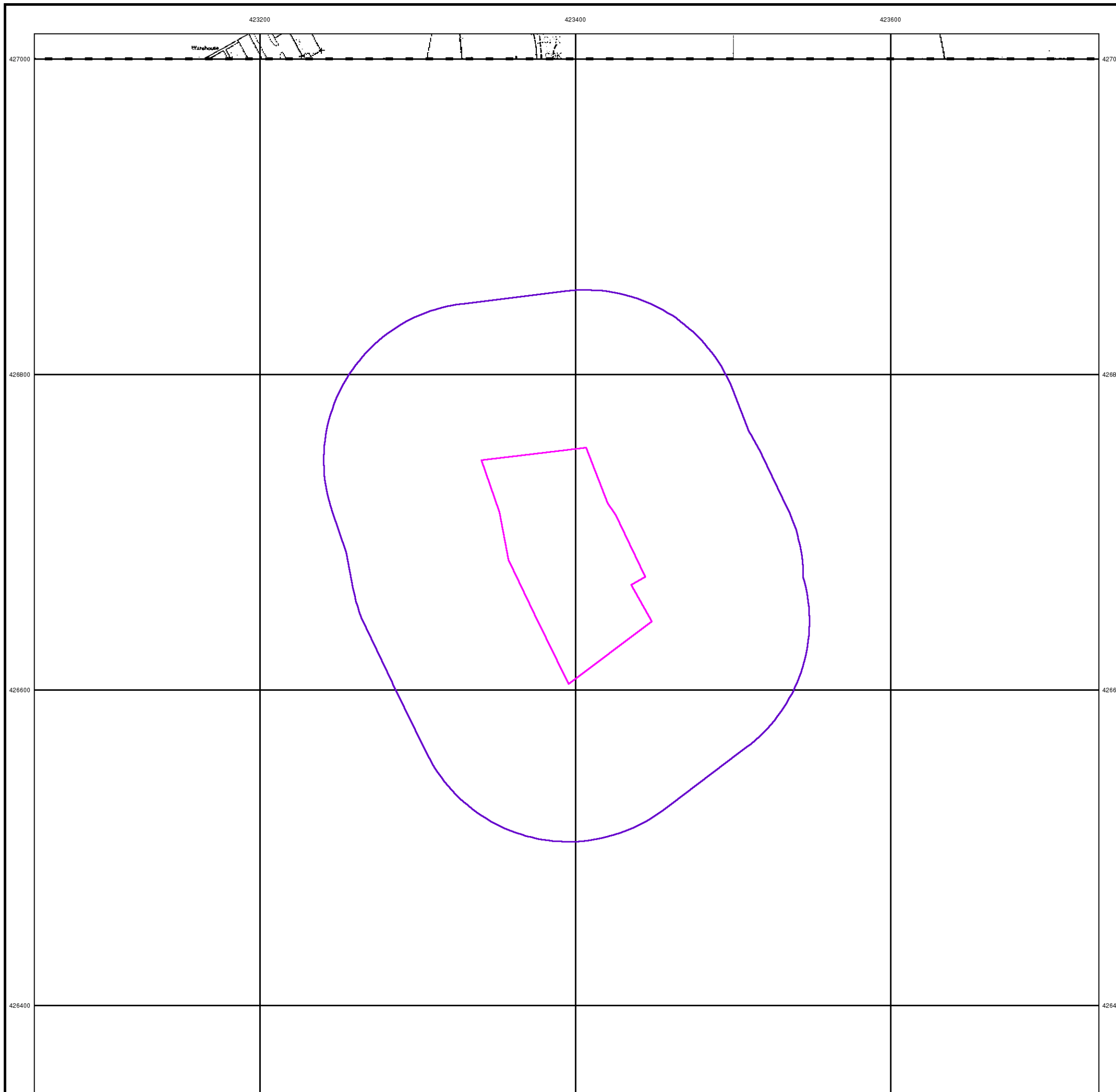


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Site at 423390, 426690



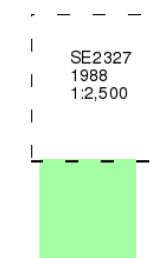
Additional SIMs

Published 1988

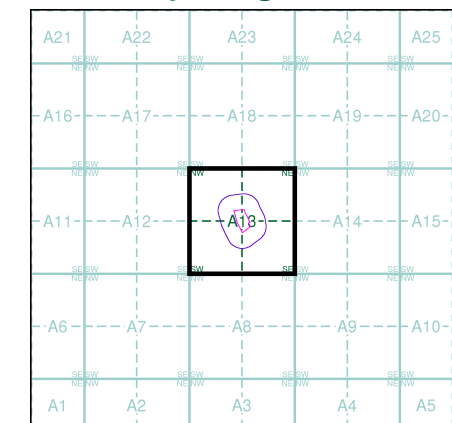
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13

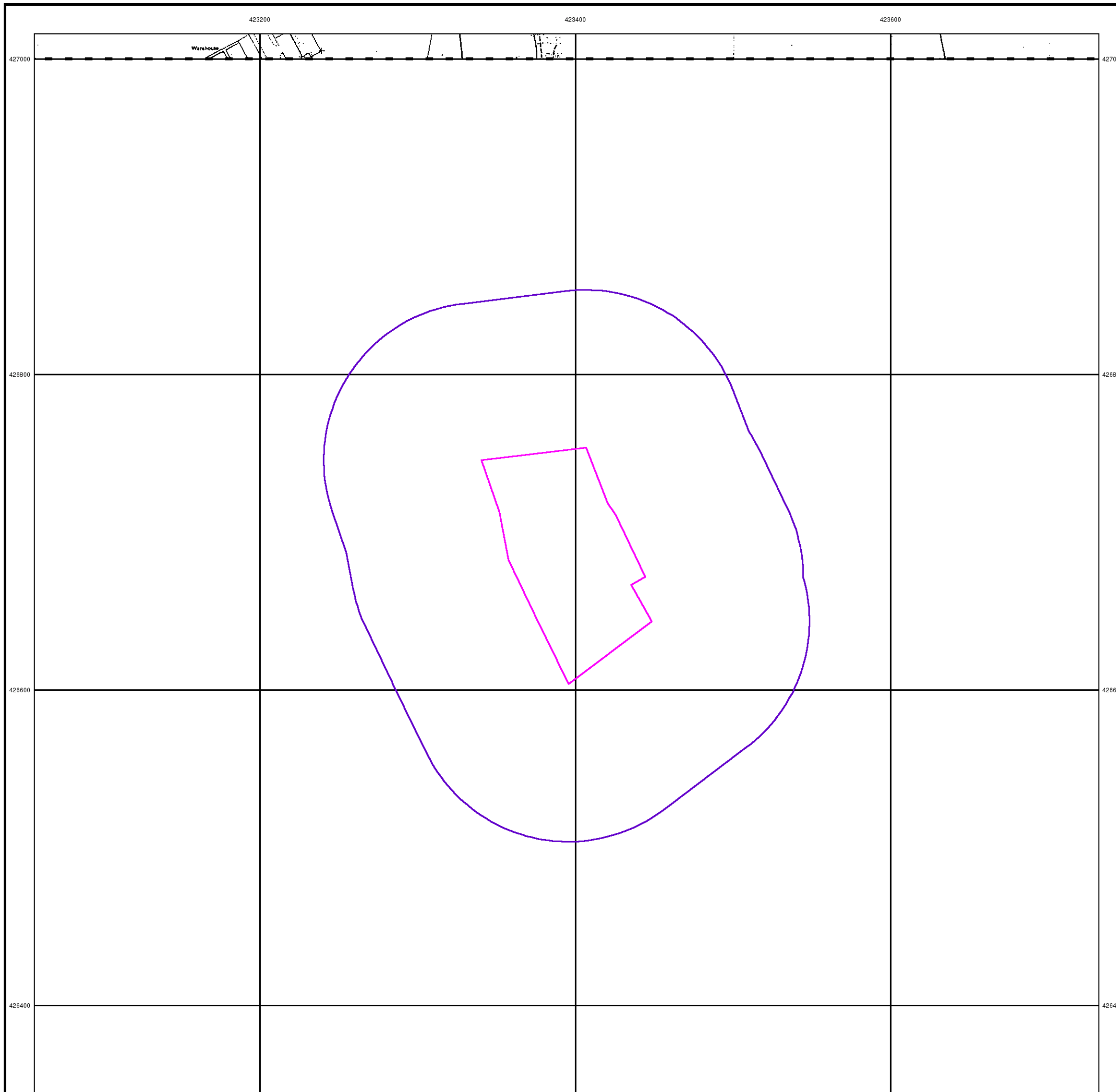


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Additional SIMs

Published 1988 - 1990

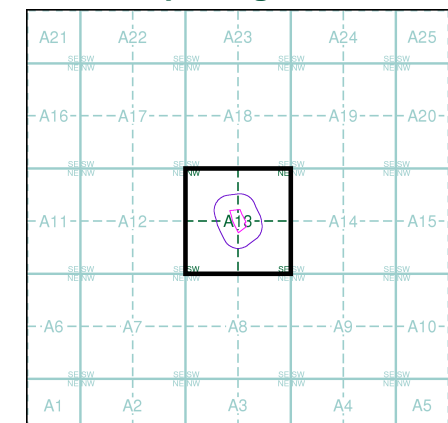
Source map scale - 1:1,250

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Map Name(s) and Date(s)

SE2327SW	1988	1:1,250
SE2326NW	1989	1:1,250
SE2326NE	1990	1:1,250

Historical Map - Segment A13

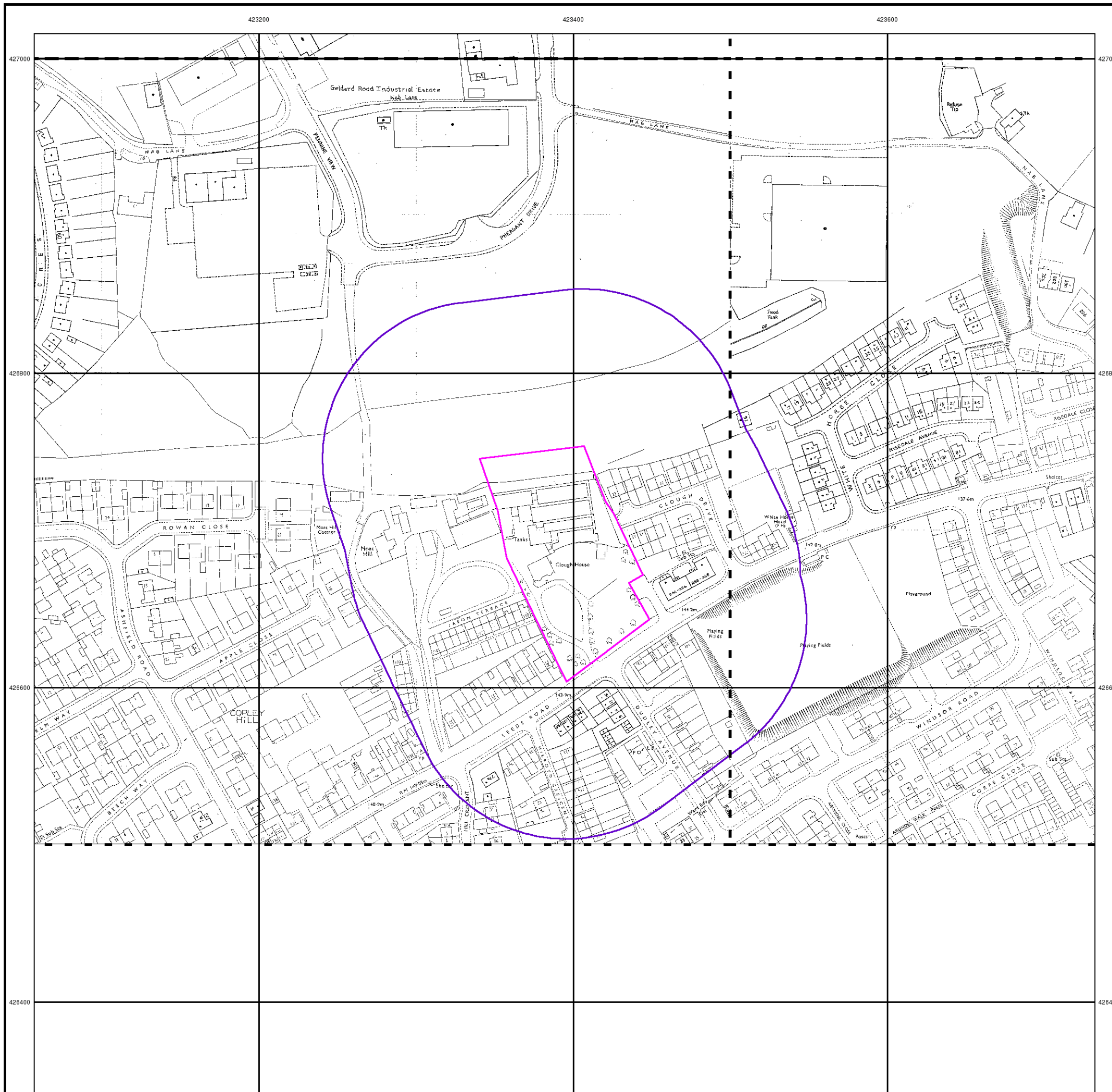


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Site Details

Site at 423390, 426690



Additional SIMs

Published 1990 - 1991

Source map scale - 1:1,250

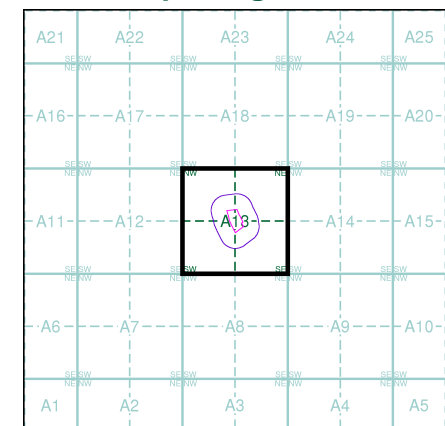
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)

SE2327SW
1991
1:1,250

SE2326NW
1990
1:1,250

Historical Map - Segment A13

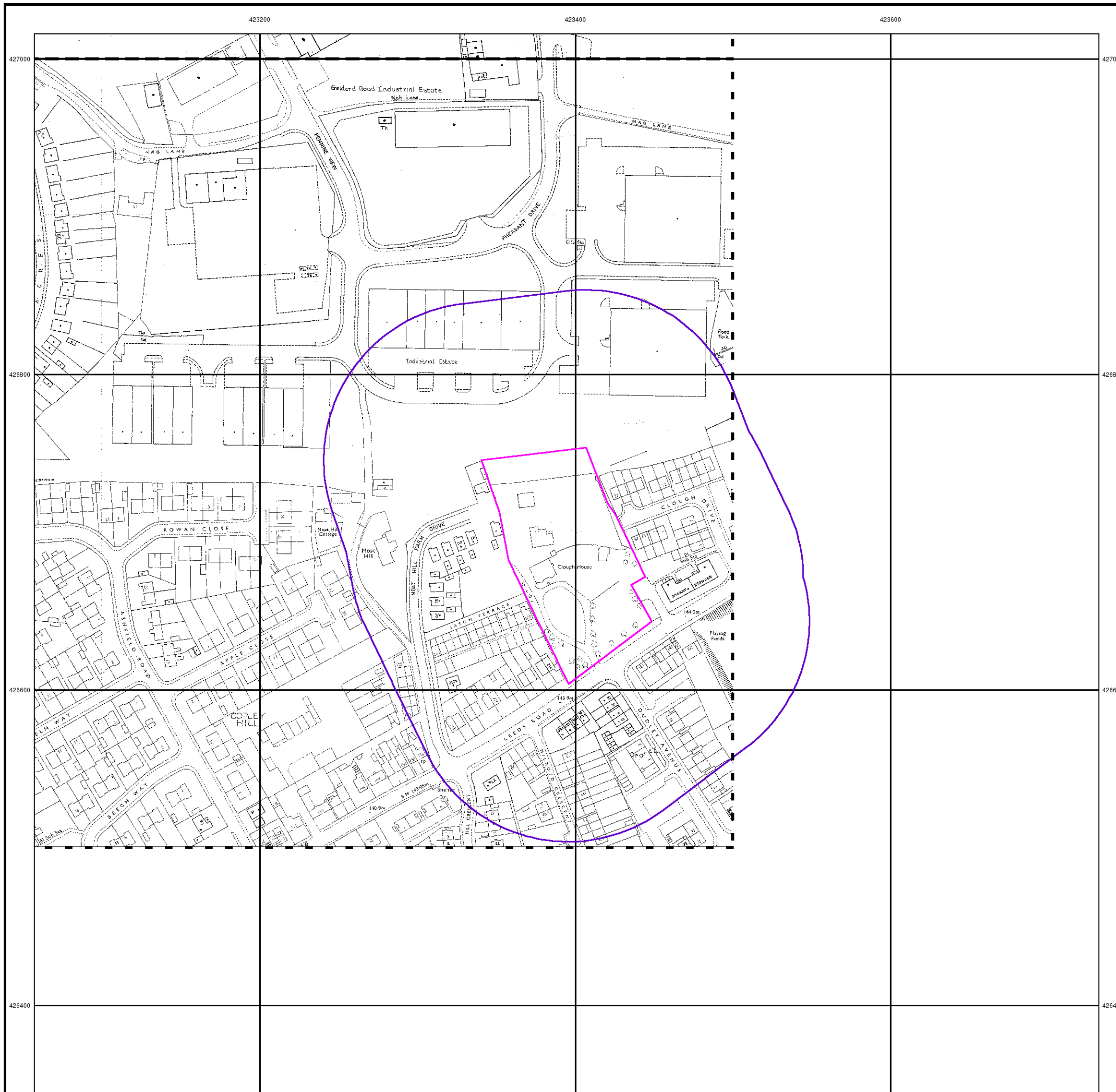


Order Details

Order Number: 226382729_1_1
 Customer Ref: 44688
 National Grid Reference: 423390, 426680
 Slice: A
 Site Area (Ha): 0.93
 Search Buffer (m): 100

Site Details

Site at 423390, 426690



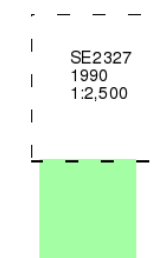
Additional SIMs

Published 1990

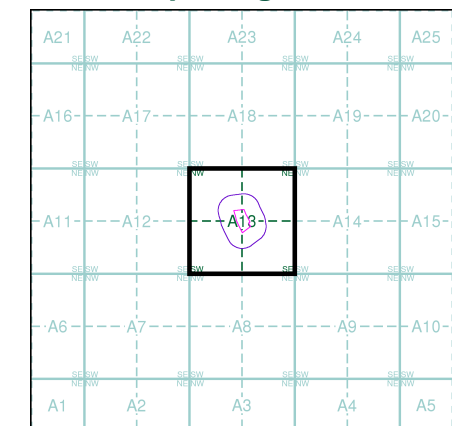
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

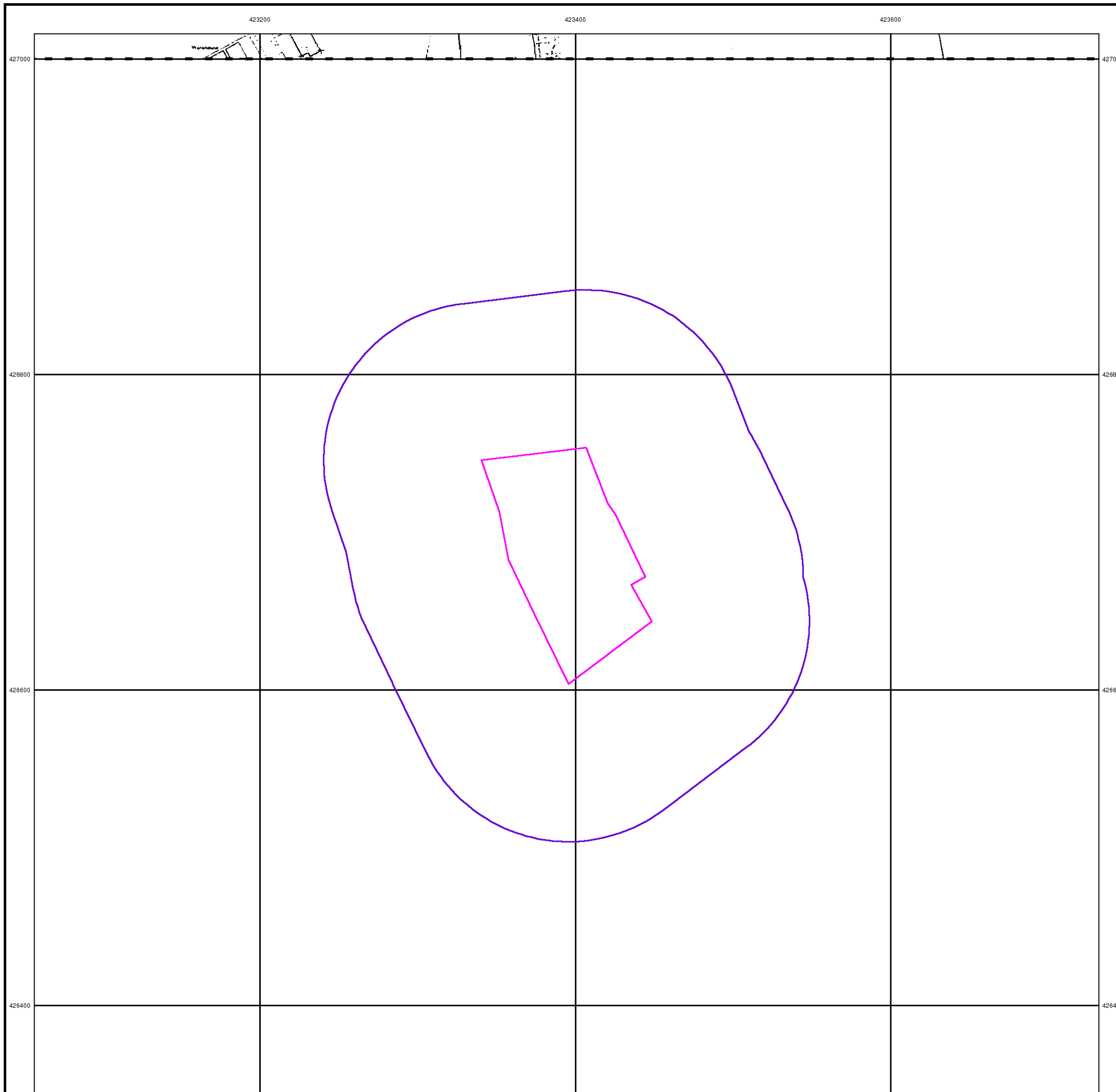


Order Details

Order Number: 226382729_1_1
Customer Ref: 44688
National Grid Reference: 423390, 426680
Slice: A
Site Area (Ha): 0.93
Search Buffer (m): 100

Site Details

Site at 423390, 426690



Large-Scale National Grid Data

Published 1993

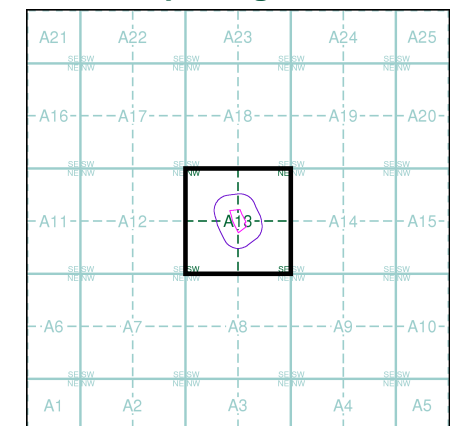
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

IE2327SWSE2327SE	1993	1:1,250
IE2326NWSE2326NE	1993	1:1,250
IE2326SWSE2326SE	1993	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 226382729_1_1
 Customer Ref: 44688
 National Grid Reference: 423390, 426680
 Slice: A
 Site Area (Ha): 0.93
 Search Buffer (m): 100

Site Details

Site at 423390, 426690



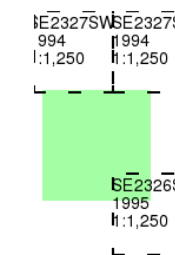
Large-Scale National Grid Data

Published 1994 - 1995

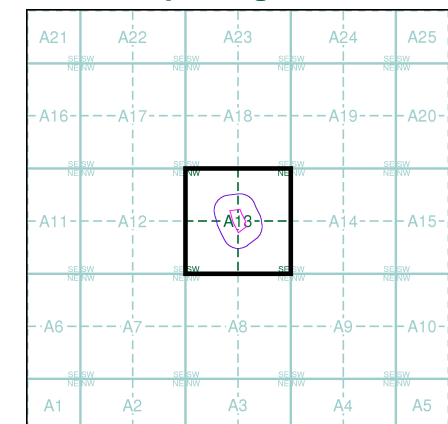
Source map scale - 1:1,250

'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 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 A13

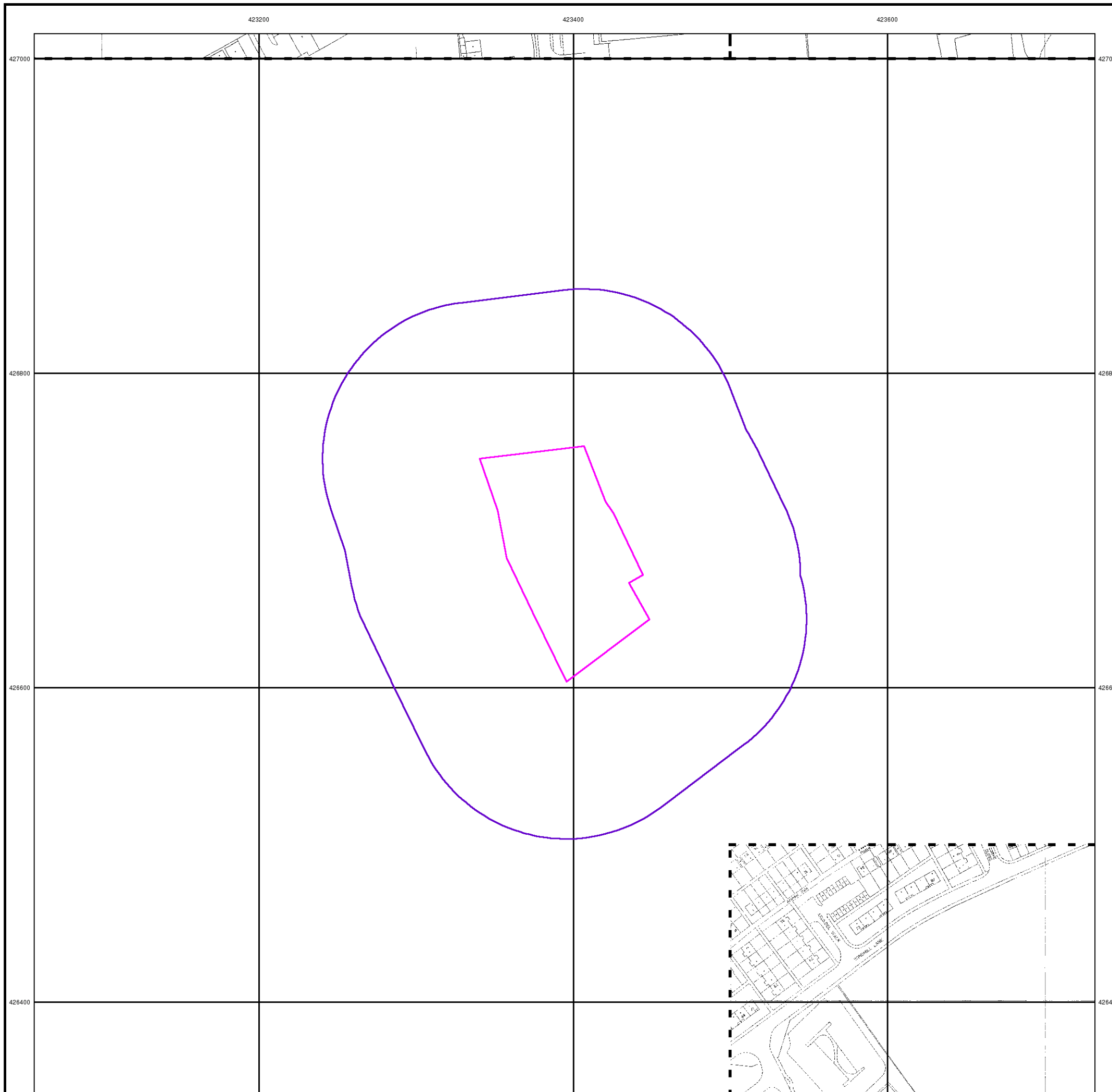


Order Details

Order Number: 226382729_1_1
Customer Ref: 44688
National Grid Reference: 423390, 426680
Slice: A
Site Area (Ha): 0.93
Search Buffer (m): 100

Site Details

Site at 423390, 426690



423200

423400

423600

427000

427000

426800

426800

426600

426600

426400

426400



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0 100 m

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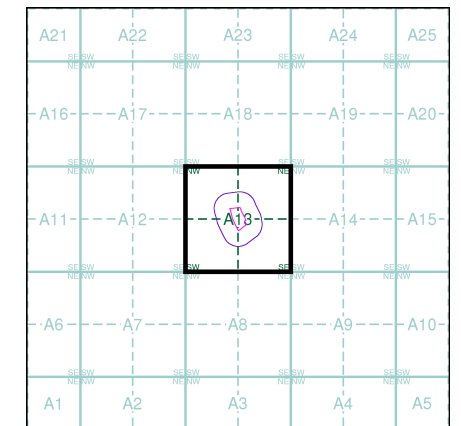
● LANDMARK INFORMATION GROUP®

Historical Aerial Photography

Published 1999

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 A13



Order Details

Order Number: 226382729_1_1
 Customer Ref: 44688
 National Grid Reference: 423390, 426680
 Slice: A
 Site Area (Ha): 0.93
 Search Buffer (m): 100

Site Details

Site at 423390, 426690

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

226382729_1_1

Customer Reference:

44688

National Grid Reference:

423390, 426680

Slice:

A

Site Area (Ha):

0.93

Search Buffer (m):

1000

Site Details:

Site at 423390, 426690

Client Details:

Ms J Almond
Eastwood & Partners Ltd
St Andrews House
23 Kingfield Road
Sheffield
S11 9AS

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	21
Hazardous Substances	32
Geological	34
Industrial Land Use	46
Sensitive Land Use	70
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2				3
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices	pg 2			1	
Integrated Pollution Controls	pg 2			4	
Integrated Pollution Prevention And Control	pg 3			1	3
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 4				12
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters	pg 6		1	10	23
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 11		1		2
Water Abstractions	pg 12				(*12)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 15		3	2	42

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 21			2	
Historical Landfill Sites	pg 21	1		2	1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 22				1
Licensed Waste Management Facilities (Locations)	pg 22		3	1	4
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 24		3	5	24
Potentially Infilled Land (Water)	pg 26		5	3	9
Registered Landfill Sites	pg 27		1	2	1
Registered Waste Transfer Sites	pg 28			2	2
Registered Waste Treatment or Disposal Sites	pg 30		1	1	2
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 32			1	
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 32			8	
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 34	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 34	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 40		2	3	23
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 44	Yes	n/a	n/a	n/a
Mining Instability	pg 44	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 44	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 44		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 45	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 45		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 45	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 46		23	33	110
Fuel Station Entries	pg 60				2
Points of Interest - Commercial Services	pg 60		13	10	37
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 65		6	5	25
Points of Interest - Public Infrastructure	pg 68			3	5
Points of Interest - Recreational and Environmental	pg 69		2		
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 70				1
Areas of Adopted Green Belt	pg 70			2	1
Areas of Unadopted Green Belt	pg 70			2	
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (E)	0	1	423393 426685
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	241	1	423100 426700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	241	1	423100 426750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	264	1	423500 427000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	291	1	423050 426700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	291	1	423050 426750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	295	1	423050 426685
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	296	1	423050 426800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	316	1	423100 426950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	329	1	423050 426900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	344	1	423000 426685
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	354	1	423000 426650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	367	1	423600 426300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	367	1	423000 426600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	416	1	422950 426600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	429	1	422950 426550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	453	1	422900 426850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	459	1	423050 427100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (NW)	486	1	422900 426950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Helliwell Syke Cso Whitehall Road [A68] (Off), Lightcliffe Golfcourse, Halifax, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: Wra8430 Permit Version: 1 Effective Date: 31st March 2005 Issued Date: 28th February 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Helliwell Syke Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	578	2	423590 426060
2	<p>Discharge Consents</p> <p>Operator: Woodnab Chemicals Co Ltd, Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Woodnab (Chemicals) Co Ltd, Chemica, L Works, Pheasant Drive, Birstal, L (Cooling Water) Authority: Environment Agency, North East Region Catchment Area: Calder Reference: C3948 Permit Version: 1 Effective Date: 5th July 1985 Issued Date: 5th July 1985 Revocation Date: 19th November 1990 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Howden Clough Beck Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	695	2	424100 426900
3	<p>Discharge Consents</p> <p>Operator: Landfill Site Opencast Coal Site Drainage Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North East Region Catchment Area: Not Given Reference: 44290705 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A19NE (NE)	948	2	424100 427400
4	<p>Enforcement and Prohibition Notices</p> <p>Location: Pennine View Trading Estate, Birstall, BATLEY, West Yorkshire, WF17 9NF Permit Reference: NOT GIVEN Enforcement Date: 18th December 1998 Details: EA News Release 18/12/1998, An open bag of asbestos dust was discovered. Positional Accuracy: Manually positioned within the geographical locality</p>	A18SW (NW)	380	2	423205 427100
5	<p>Integrated Pollution Controls</p> <p>Name: Tmd Friction Uk Ltd Location: Pennine View, Birstall, BATLEY, West Yorkshire, WF17 9NF Authority: Environment Agency, North East Region Permit Reference: AU0686 Dated: 7th December 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (A) processes involving Asbestos within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (NW)	301	2	423203 427013

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Integrated Pollution Controls</p> <p>Name: Tmd Friction Uk Ltd Location: Pennine View, BATLEY, West Yorkshire, WF17 9NF Authority: Environment Agency, North East Region Permit Reference: BD3574 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (A) processes involving Asbestos within the Mineral Industry Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SW (NW)	353	2	423178 427058
7	<p>Integrated Pollution Controls</p> <p>Name: Tmd Friction Uk Ltd Location: Pennine View, Birstall, BATLEY, West Yorkshire, WF17 9NF Authority: Environment Agency, North East Region Permit Reference: A10136 Dated: 17th August 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 3.2 A (A) processes involving Asbestos within the Mineral Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SW (N)	405	2	423274 427145
8	<p>Integrated Pollution Controls</p> <p>Name: Tennants Location: Gelderd Road, Birstall, BATLEY, West Yorkshire, WF17 9LS Authority: Environment Agency, North East Region Permit Reference: AL5178 Dated: 24th December 1993 Process Type: Application since found to be exempt from IPC Description: 4.3 A (F) Acid processes within the Chemical Industry Status: Application since found to be exempt from IPC Positional Accuracy: Unknown</p>	A18SW (N)	451	2	423300 427195
9	<p>Integrated Pollution Prevention And Control</p> <p>Name: Mars Petcare Uk Location: Batley Pet Foods - Epr/Dp3339gw, 1, Oakwell Way, Birstall,, BATLEY, West Yorkshire, WF17 9LU Authority: Environment Agency, North East Region Permit Reference: FP3136CU Original Permit Ref: Dp3339gw Effective Date: 17th September 2012 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 100m Activity Code: 6.8 A(1) (D) (I) Activity Description: Animal Vegetable & Food; Treating Etc Animal Raw Materials (Not Milk) For Food >75T/D Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A18SW (N)	476	2	423200 427200
10	<p>Integrated Pollution Prevention And Control</p> <p>Name: Mars Uk Ltd Location: Batley Pet Foods, 1, Oakwell Way, Birstall, Batley, West Yorkshire, wf17 6lu Authority: Environment Agency, North East Region Permit Reference: Fp3430bj Original Permit Ref: Fp3430bj Effective Date: 22nd July 2005 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the road within the address or location Activity Code: 6.8 A(1) (D) (I) Activity Description: Animal Vegetable & Food; Treating Etc Animal Raw Materials (Not Milk) For Food >75T/D Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A18NW (N)	644	2	423282 427387

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	<p>Integrated Pollution Prevention And Control</p> <p>Name: Mars Petcare Uk Location: Mars Petcare Uk, Batley, 1, Oakwell Way, Birstall,, BATLEY, West Yorkshire, WF17 9LU Authority: Environment Agency, North East Region Permit Reference: DP3339GW Original Permit Ref: Dp3339gw Effective Date: 13th January 2009 Status: Superseded By Variation Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 6.8 A(1) (D) (I) Activity Description: Animal Vegetable & Food; Treating Etc Animal Raw Materials (Not Milk) For Food >75T/D Primary Activity: Y</p>	A18NW (N)	736	2	423172 427462
11	<p>Integrated Pollution Prevention And Control</p> <p>Name: Mars Uk Ltd Location: Masterfoods, 1, Oakwell Way, Birstall,, Batley, West Yorkshire, wf17 6lu Authority: Environment Agency, North East Region Permit Reference: QP3936LW Original Permit Ref: Fp3430bj Effective Date: 4th April 2007 Status: Superseded By Variation Application Type: Variation App. Sub Type: Simple Standard Variation Positional Accuracy: Manually positioned to the address or location Activity Code: 6.8 A(1) (D) (I) Activity Description: Animal Vegetable & Food; Treating Etc Animal Raw Materials (Not Milk) For Food >75T/D Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N</p>	A18NW (N)	736	2	423171 427461
12	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: W I Commercial Painters Location: Unit 2 Hilltop Garage, Gelderd Road, Birstall, Wf17 9lx Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Ppc E 86 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A18SE (N)	508	3	423451 427259
13	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Mastercars (Birstall) Ltd Location: Dark Lane, Birstall, Batley, Wf17 9lw Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC E 162 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SE (NW)	552	3	422934 427118
14	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Astracast Plc Location: P O Box 20, Spring Ram Business Park, Birstall, Wf17 9lx Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC E 85 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG4/2 Processes for the manufacture of fibre reinforced plastics Status: Permitted Positional Accuracy: Manually positioned within the geographical locality</p>	A18SW (N)	557	3	423361 427308
15	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Masterfoods (Complementary Petcare) Location: Oakwell Way, Birstall, BATLEY, West Yorkshire, WF17 9 Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Epa E 38 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/24 Pet food manufacturing Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SW (NW)	583	3	423118 427284

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Ram Bathrooms Plc Location: Po Box 24, Oakwell Way, GELDERED ROAD, Birstall, WF17 9LU Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/32 Adhesive coating Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SW (N)	591	3	423166 427310
17	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Contract Crushers Location: Unit 2 Britannia Mills, Gelderd Road, Birstall Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC E 149 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A12SE (W)	619	3	422762 426516
18	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Mastercars (Birstall) Ltd Location: Howden Clough Industrial Estate, Leeds Road, Birstall Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC E 151 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A14NW (NE)	627	3	423989 426984
19	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Jaccuzzi Uk Ltd Location: Oakwell Way, Birstall, BATLEY, West Yorkshire, WF17 9LU Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: Part B process (no specific reference) Status: Authorised Positional Accuracy: Manually positioned within the geographical locality</p>	A18NW (N)	687	3	423167 427410
20	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Murco Petroleum Ltd Location: West Yorkshire Retail Park, Holden Ing Way, Birstall, Batley, West Yorkshire, WF17 9AE Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Epa E 114 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	872	3	423598 427604
20	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Anglo Petroleum Limited Location: Birstall Service Station, Holden Ing Way, Birstall, Batley, WF17 9AE Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	872	3	423598 427604
21	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: The Dry Cleaning Centre Location: 17 Low Lane, Birstall, WF17 9EY Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC E 146 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A7NW (SW)	958	3	422501 426255

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Cis Ltd Location: Oowler Lane, Birstall, Batley, West Yorkshire, WF17 9BW Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Epa E 91 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	991	3	422766 427552
	<p>Nearest Surface Water Feature</p>	A13NE (NE)	101	-	423489 426812
23	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Chemicals - Unknown Note: Not Supplied Incident Date: 2nd July 1989 Incident Reference: 101073 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	160	2	423300 426900
24	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Gelderd Road Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 12th January 1989 Incident Reference: 8459 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	357	2	423300 427100
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Clough House Howden Clough Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 25th September 1990 Incident Reference: 115276 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	377	2	423200 427095
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Gelderd Road Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 12th January 1989 Incident Reference: 8458 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A18SW (NW)	382	2	423200 427100
26	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 15th October 1990 Incident Reference: 115831 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NW (E)	379	2	423800 426800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 16th October 1990 Incident Reference: 115841 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	420	2	423800 426900
28	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Nab Lane Industrial Estate, Gelderd Road Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 20th January 1989 Incident Reference: 8482 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	429	2	423100 427100
29	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 18th December 1991 Incident Reference: 129280 Catchment Area: Not Given Receiving Water: Groundwater Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	447	2	423400 427200
30	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Gelderd Road Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 18th January 1989 Incident Reference: 8447 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	451	2	423300 427195
30	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Gelderd Road Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 11th January 1989 Incident Reference: 8441 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	456	2	423300 427200
31	Pollution Incidents to Controlled Waters Property Type: Highway/Car Park Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 11th February 1991 Incident Reference: 119512 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	476	2	423200 427200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 14th March 1991 Incident Reference: 120570 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	555	2	423500 427300
33	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Gelderd Road Authority: Environment Agency, North East Region Pollutant: Oils - Gas Oil Note: Not Supplied Incident Date: 20th February 1989 Incident Reference: 8609 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	572	2	423200 427300
34	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Contaminated Groundwater Note: Not Supplied Incident Date: 1st February 1991 Incident Reference: 119289 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	600	2	423900 427095
34	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Scotia Beck/Source Batley Beck Afu Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 21st August 1991 Incident Reference: 125443 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	603	2	423900 427100
35	Pollution Incidents to Controlled Waters Property Type: Highway/Car Park Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 1st November 1993 Incident Reference: 148545 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	605	2	423100 427300
36	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Chemicals - Detergents/Surfactant Note: Not Supplied Incident Date: 11th January 1994 Incident Reference: 149623 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	654	2	423500 427400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Nab Lane Industrial Estate, Gelderd Road Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: Not Supplied Incident Date: 29th March 1989 Incident Reference: 8766 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	662	2	423900 427195
37	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Nab Lane Authority: Environment Agency, North East Region Pollutant: Construction Materials Note: Not Supplied Incident Date: 26th April 1989 Incident Reference: 8969 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	666	2	423900 427200
38	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: HOWDEN CLOUGH Authority: Environment Agency, North East Region Pollutant: Sewage - Wrong Connection Note: Batley Beck; No Fish Killed Incident Date: 25th September 1998 Incident Reference: SL980873 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	668	2	424100 426795
38	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Landfill/Waste Disposal Site Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Tip Leachate Note: Not Supplied Incident Date: 30th January 1991 Incident Reference: 119216 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	669	2	424100 426800
39	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Scotia Beck/Source Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 22nd May 1990 Incident Reference: 110947 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A12SW (W)	683	2	422700 426500
40	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Mouth/Todmorden Calder Afl Authority: Environment Agency, North East Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 14th November 1990 Incident Reference: 116871 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	685	2	424000 427095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Scotia Beck/Source Batley Beck Afu Authority: Environment Agency, North East Region Pollutant: Sewage - Septic Tank Effluent Note: Not Supplied Incident Date: 27th January 1994 Incident Reference: 149756 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	687	2	424000 427100
41	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Clough House Howden Clough Authority: Environment Agency, North East Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 27th April 1989 Incident Reference: 8986 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	773	2	424100 427095
41	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Scotchman Lane Authority: Environment Agency, North East Region Pollutant: Chemicals - Unknown Note: Not Supplied Incident Date: 25th May 1989 Incident Reference: 9188 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	775	2	424100 427100
42	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Road Location: Pizza Hut, Gelderd Road, BIRSTALL Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Watercourse :Batley Beck; From Lady Ann Beck To River Calder Incident Date: Not Supplied Incident Reference: SL980408 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	825	2	424100 427200
43	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Engineering Location: Batley Beck Authority: Environment Agency, North East Region Pollutant: Oils - Other Oil Note: Fish Killed: No Information Incident Date: 9th May 1995 Incident Reference: SL950578 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	861	2	422900 425900
44	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Fire Water Location: HOWDEN CLOUGH Authority: Environment Agency, North East Region Pollutant: Sewage - Wrong Connection Note: River Calder; No Fish Killed Incident Date: Not Supplied Incident Reference: SL980817 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A14SE (E)	886	2	424300 426400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Surface Water Outfall Location: Howley Beck At, HOWDEN CLOUGH Authority: Environment Agency, North East Region Pollutant: Sewage - Wrong Connection Note: Batley Beck; Fish Killed: No Information Incident Date: Not Supplied Incident Reference: SL990034 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	919	2	424300 426300
45	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Surface Water Outfall Location: Howley Beck At, HOWDEN CLOUGH Authority: Environment Agency, North East Region Pollutant: Sewage - Wrong Connection Note: Batley Beck; Fish Killed: No Information Incident Date: Not Supplied Incident Reference: SL981074 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	921	2	424300 426295
45	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Surface Water Outfall Location: Howley Beck At, HOWDEN CLOUGH Authority: Environment Agency, North East Region Pollutant: Sewage - Wrong Connection Note: Batley Beck; Fish Killed: No Information Incident Date: Not Supplied Incident Reference: SL990002 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	925	2	424305 426295
46	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Oulton Beck Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Fish Killed: No Information; Oulton Beck Incident Date: 24th February 1995 Incident Reference: SL950291 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	964	2	424200 427300
47	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Mouth/Scotia Beck Batley Beck Afl Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 31st July 1990 Incident Reference: 113242 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SW (SW)	999	2	422600 426000
48	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 19th November 2007 Incident Reference: 545916 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Other Pollutant</p>	A13NW (NW)	215	2	423190 426899

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 3rd May 2002 Incident Reference: 76299 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Organic Chemicals/Products: Surfactants And Detergents	A14NE (E)	702	2	424095 426933
50	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 17th December 2008 Incident Reference: 641795 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material	A8SW (S)	798	2	423358 425807
	Water Abstractions Operator: Moss Metal Finishing Limited Licence Number: 2/27/13/027 Permit Version: 101 Location: Well - Coal Measures - Birstall Authority: Environment Agency, North East Region Abstraction: Metal: General Use Relating To Secondary Category (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Providence Mill, Smithies Moor Lane, Birstall, Nr. Leeds Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7SW (SW)	1205	2	422600 425700
	Water Abstractions Operator: Roundhay Metal Finishers (Leeds) Ltd Licence Number: 2/27/13/027 Permit Version: 100 Location: Well - Coal Measures - Birstall Authority: Environment Agency, North East Region Abstraction: Metal: General Use Relating To Secondary Category (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 123 Yearly Rate (m3): 36823 Details: Providence Mill, Smithies Moor Lane, Birstall, Nr. Leeds Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 14th December 1965 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	1205	2	422600 425700
	Water Abstractions Operator: Kirklees Metropolitan Council Licence Number: 2/27/13/153 Permit Version: 100 Location: Nova Beck Authority: Environment Agency, North East Region Abstraction: Holiday Sites, Camp Sites & Tourist Attractions: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 36 Yearly Rate (m3): 9500 Details: Oakwell Hall, Country Park, Birstall, Near Batley Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th April 1982 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SW (W)	1441	2	421980 427220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Sigmakalon Uk Ltd Licence Number: 2/27/13/220 Permit Version: 1 Location: Borehole - Coal Measures - Batley Authority: Environment Agency, North East Region Abstraction: Chemicals: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Birstall Smithies, Batley, Leeds Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1475	2	422230 425700
	<p>Water Abstractions</p> <p>Operator: Sigmakalon Uk Ltd Licence Number: 2/27/13/190 Permit Version: 103 Location: Borehole - Coal Measures - Batley Authority: Environment Agency, North East Region Abstraction: Chemicals: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Birstall Smithies, Batley, Leeds Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th March 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1475	2	422230 425700
	<p>Water Abstractions</p> <p>Operator: Kalon Ltd Licence Number: 2/27/13/190 Permit Version: 102 Location: Borehole - Coal Measures - Batley Authority: Environment Agency, North East Region Abstraction: Chemicals: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Birstall Smithies, Batley, Leeds Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd January 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1475	2	422230 425700
	<p>Water Abstractions</p> <p>Operator: Kalon Ltd Licence Number: 2/27/13/190 Permit Version: 101 Location: Borehole - Coal Measures - Batley Authority: Environment Agency, North East Region Abstraction: Chemicals: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Birstall Smithies, Batley, Leeds Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th January 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A6SE (SW)	1475	2	422230 425700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Kalon Group Limited Licence Number: 2/27/13/190 Permit Version: 100 Location: Borehole Authority: Environment Agency, North East Region Abstraction: Other Industrial/Commercial/Public Services: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 160 Yearly Rate (m3): 40000 Details: Birstall Smithies, Batley, Leeds Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th April 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A6SE (SW)	1475	2	422230 425700
	<p>Water Abstractions</p> <p>Operator: Birstall Carpet Company Limited Licence Number: 2/27/13/137 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Cooling/Gen Ind. Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 1037 Yearly Rate (m3): 228400 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A6SW (SW)	1698	2	421900 425800
	<p>Water Abstractions</p> <p>Operator: Kalon Ltd Licence Number: 2/27/13/159 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 818 Yearly Rate (m3): 211380 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A6SW (SW)	1701	2	421900 425795
	<p>Water Abstractions</p> <p>Operator: Asprey Chemicals Limited Licence Number: 2/27/13/165 Permit Version: Not Supplied Location: 507 Bradford Road, BATLEY, West Yorkshire Authority: Environment Agency, North East Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 68 Yearly Rate (m3): 25000 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(S)	1970	2	423900 424700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J R Burrows Licence Number: 2/27/13/016 Permit Version: Not Supplied Location: Carlinghow Mills, BATLEY, West Yorkshire Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 227 Yearly Rate (m3): 54552 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1976	2	423905 424695
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NW (E)	0	4	423393 426685
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (E)	0	4	423393 426685
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NE (NE)	101	5	423489 426812
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NE (NE)	137	5	423522 426826

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 322.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NE (NE)	176	5	423557 426845
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A17SE (NW)	476	5	423022 427098
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A19SW (NE)	498	5	423807 427049
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A19SW (NE)	555	5	423845 427094
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A19SW (NE)	601	5	423874 427131
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 510.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NW (SE)	603	5	423923 426272
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A19SW (NE)	657	5	423942 427133
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	682	5	424088 426896
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	684	5	424103 426857

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	684	5	424089 426900
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	698	5	424131 426792
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	698	5	424131 426794
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	707	5	424104 426924
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	722	5	424152 426813
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 250.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A19SE (NE)	733	5	424073 427058
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A19SE (NE)	733	5	424073 427058
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	748	5	424190 426737
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	748	5	424190 426737

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	754	5	424201 426683
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 438.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A19SW (NE)	754	5	424054 427140
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	761	5	424207 426706
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	768	5	424195 426832
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	781	5	424219 426768
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NW (SE)	785	5	424060 426152
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14SE (E)	803	5	424245 426547
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14SE (E)	810	5	424251 426538
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	817	5	424260 426730

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14SE (E)	824	5	424255 426478
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 2	A14SE (E)	826	5	424257 426478
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A14SE (E)	828	5	424255 426462
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 261.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howley Beck Catchment Name: Aire and Calder Primacy: 1	A14SE (E)	835	5	424262 426455
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 247.0 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NE (SE)	842	5	424113 426128
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8SE (S)	844	5	423399 425760
86	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 19.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8SE (S)	849	5	423395 425755
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8SW (S)	865	5	423383 425740
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8SW (S)	900	5	423318 425707

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8SW (S)	903	5	423317 425705
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NE (E)	979	5	424360 426289
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 418.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A19SE (NE)	979	5	424289 427178
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NE (SE)	980	5	424359 426282
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 124.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howley Beck Catchment Name: Aire and Calder Primacy: 1	A9NE (SE)	986	5	424358 426264
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NE (E)	990	5	424373 426292
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NE (E)	990	5	424373 426292
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Howden Clough Beck Catchment Name: Aire and Calder Primacy: 1	A19NW (NE)	990	5	424014 427536
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A3NW (S)	994	5	423270 425618

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	BGS Recorded Landfill Sites Site Name: Nab Lane Location: BIRSTALL, Yorks Authority: British Geological Survey, National Geoscience Information Service Ground Water: Potential threat to ground water Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Derived	A13NW (NW)	357	-	423060 426965
99	BGS Recorded Landfill Sites Site Name: Nab Lane Location: BIRSTALL, Yorks Authority: British Geological Survey, National Geoscience Information Service Ground Water: Potential threat to ground water Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A18SE (NE)	397	-	423677 427043
100	Historical Landfill Sites Licence Holder: Mr Stanley Briggs Location: Moat Hill Farm, Howden Clough, Birstall, Batley Name: Railway Cutting Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04161 First Input Date: 31st December 1978 Last Input Date: 31st December 1988 Specified Waste: Deposited Waste included Inert, Industrial and Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4700/0777 BGS Ref: Not Supplied Other Ref: 4700/0159	A13NW (N)	0	2	423386 426734
101	Historical Landfill Sites Licence Holder: Not Supplied Location: Howden Clough, Kirkless, Yorkshire Name: Nab Lane Refuse Disposal Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31617 First Input Date: 9th November 1970 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste, and Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1459 Other Ref: Not Supplied	A13NE (NE)	307	2	423638 426954
102	Historical Landfill Sites Licence Holder: Not Supplied Location: Off Gelderd Road, Copley Hill Name: Nab Lane Operator Location: Dudley Road, Kingswinford Boundary Accuracy: As Supplied Provider Reference: EAHLD32535 First Input Date: 31st December 1971 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1458 Other Ref: Not Supplied	A12NE (NW)	358	2	423026 426917

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	<p>Historical Landfill Sites</p> <p>Licence Holder: Ogden Properties Limited Location: Off Raikes Lane and Fieldhead Lane, Birstall, Batley Name: Former Railway Cutting Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04238 First Input Date: Not Supplied Last Input Date: 31st October 1996 Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4700/0400 BGS Ref: Not Supplied Other Ref: 400</p>	A12NW (W)	789	2	422554 426793
104	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Howden Clough Landfill Site Licence Number: 65118 Location: Howden Clough Landfill Site, Howden Clough Road, Morley, West Yorkshire Licence Holder: Biffa Waste Services Ltd Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Not Supplied Licence Status: Modified Issued: 31st May 1989 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A19SW (NE)	717	2	423971 427196
105	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 65055 Location: Units 7 & 8 Norquest Ind Est, Pennine View, Birstall, Batley, West Yorkshire, WF17 9NE Operator Name: R Spivey & Son Limited Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Physical Treatment Facilities Licence Status: Modified Issued: 24th December 1999 Last Modified: 11th February 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13NW (NW)	151	2	423200 426800
106	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 100351 Location: Unit 13, Nab Lane, Birstall, Batley, West Yorkshire, WF17 9NG Operator Name: X P O Bulk U K Limited Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Physico-chemical Treatment Facilities Licence Status: Transferred Issued: 27th August 2008 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13NW (NW)	216	2	423189 426899
107	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 61047 Location: 30 Pheasant Drive, Birstall, Batley, West Yorkshire, WF17 9LT Operator Name: R Spivey & Son Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Material Recycling Treatment Facilities Licence Status: Modified Issued: 30th January 1995 Last Modified: 29th February 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13NW (N)	240	2	423373 426991

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 61009 Location: Land/premises At Hill Top Garage, Gelderd Road, Birstall, West Yorkshire Operator Name: R Gentry Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 10th July 1991 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A18SW (N)	476	2	423200 427200
109	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 61014 Location: The Green, Gelderd Road, Birstall, Batley, West Yorkshire, WF17 9QA Operator Name: Cannon Hygiene Limited Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Clinical Waste Transfer Stations Licence Status: Modified Issued: 22nd July 1991 Last Modified: 16th May 2018 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	576	2	422765 426744
110	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 61065 Location: Land/premises At, Nab Lane, Birstall, Batley, West Yorkshire, WF17 0HU Operator Name: Suez Recycling And Recovery Kirklees Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Household Waste Amenity Sites Licence Status: Modified Issued: 1st April 1996 Last Modified: 30th June 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A18SE (NE)	621	2	423700 427300
111	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 61038 Location: Howden Clough Colliery, Birstall, Batley, West Yorkshire, WF17 9LX Operator Name: Hicks Haulage Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Expired Issued: 4th January 1994 Last Modified: Not Supplied Expires: 1st January 1999 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	654	2	423500 427400
112	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 61011 Location: Gelderd Road, Birstall, Batley, West Yorkshire, WF17 9PX Operator Name: M A Warren Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Revoked Issued: 1st April 1974 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: 8th January 2014 Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	699	2	422727 426381