PHASE 1 GEO-ENVIRONMENTAL DESK STUDY

FOR LAND OFF

BUTTON LANE, WYTHENSHAWE, MANCHESTER M23 0NA

Prepared for:-

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On behalf of:-

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Project Quality Assurance
Information Sheet

Phase 1 Geo-Environmental Desk Study for Land off Button Lane, Wythenshawe, Manchester M23 0NA.

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1.0 INTRODUCTION

1.1 The Land Consultancy Limited (TLC) has been commissioned (by email) by Mr Mark Bradbeer of Michael Dyson Associates Ltd (e-mail dated 26th July 2018, on behalf of the Wythenshawe Community Housing Group, to complete a Phase 1 geo-environmental desk study report for a parcel of land located just off Button Lane, Wythenshawe, Manchester M23 0NA. The site boundary (edged in red) is indicated on Drawing No. TLC1009/02 in Appendix A.

1.2 The site is intended to be redeveloped out with a single block of two-storey semi-detached housing. The development will include front and rear garden areas. A proposed development plan is presented in Drawing No. TLC1009/04.

1.3 The main aim of a Phase 1 desk study is to identify potential environmental issues that may represent a constraint to the proposed redevelopment of a site. The findings of this assessment can be used to determine the scope of a follow-on Phase 2 intrusive site investigation. Geotechnical and shallow mining risks can also be assessed using the desk study report.

1.4 This investigation has been commissioned to help discharge planning conditions which have been imposed on the development by Manchester City Council.

1.5 TLC's remit for the geo-environmental desk study included the following:

- Review contemporary and historical Ordnance Survey and geological publications, and conduct an environmental database search;
- Complete a site walkover survey;
- Prepare a conceptual site model and Preliminary Risk Assessment with respect to contamination, geotechnical, shallow mining and ground gas risks; and,
- From the findings of the conceptual model, determine whether and to what extent site investigation and laboratory testing works are required to enable advice to be given with respect to foundation design, shallow mining, contamination and ground gases.

1.6 Limitations

1.6.1 The assessment and interpretation of the factual data obtained as part of this desk study has been undertaken in accordance with generally accepted standard consulting practice and with current national and international guidance.

1.6.2 This report presents the observations made during the desk study and the factual data obtained. The conclusions and recommendations in this report are limited to those which can be made based on the findings of the survey and information provided by third parties. TLC assumes all third-party data to be true and correct. No responsibility can be accepted by TLC for inaccuracies in the information supplied by any other party.

1.6.3 This report is written in the context of an agreed scope of work and should not be used in a different context. Furthermore, new information, improved practices and changes in legislation may require a re-interpretation of the report in whole or in part after its original issue. TLC reserves the right to alter their conclusions and recommendations in the light of further information that may become available. This report is provided for the sole use of the Client and is confidential to them and their professional advisers unless agreed otherwise in writing.

2.0 SITE LOCATION AND DESCRIPTION

2.1 The site is located in a residential setting within the Northern Moor district of Wythenshawe, south Manchester, and can be centred approximately at the following coordinates: 381000E, 390780N. Manchester town hall is situated ≈8.8km to the north-east. The site is accessed directly from Button Lane which forms the site's south-eastern boundary; Button Lane is reached from Sale Road (the B5166) which is situated to the north-east. General site location plans are presented in Drawing Nos. TLC1009/01a and 01b in Appendix A; a more detailed plan which displays the site boundary is presented in Drawing No. TLC1009/02.

2.2 The site is roughly rectangular in shape (orientated NW-SE) and has an area of ≈393m^2. The site is situated at an altitude of ≈30m AOD.

2.3 Overall, the topography of the site and immediate surrounding area are approximately level. A large electricity cable runs through the site (see Drawing No. TLC1009/04).

2.4 A site walkover survey was undertaken on 30th July 2018. A summary of the main findings of this survey is presented below and on Drawing No. TLC1009/03 in Appendix A:

- The site currently comprises of an unoccupied cleared plot of land. An electricity substation building is located immediately beyond the north-western site boundary. Residential development is found to the north-west (beyond the substation area), to the north-east, south-east and south-west. Public open space is also found to the south-east and shops are also found to the north-east.
- The site is predominantly surfaced with gravel with a variable cobble content and concrete flagstones. Sandy gravelly topsoil type materials appear to be present at the ground surface along the north-eastern boundary, along a portion of the south-eastern boundary, and along half of the north-western boundary.
- The gravels (and cobbles) comprised of some or all of the following components: brick, sandstone, slate, pottery, road planings, ceramic and glass. The topsoil type material was observed to contain brick, sandstone and glass.
- Overgrown privet hedges are found along the north-eastern and north-western boundaries. Overgrown hawthorn hedging is also found at the north-eastern boundary. Steel mesh fencing is also found at the north-western and south-eastern boundaries.
- Large tree stumps are found close to the south-eastern boundary and in the western corner of the site.
- A heap of wood chippings is situated in the northern corner of the site. The chippings are assumed to be derived from tree felling activities on site.
- A semi-mature sycamore tree is found in the northern corner of the site.
- An elongated mound (≈0.30m high) is present adjacent to the majority of the north-eastern boundary.
- No invasive plant species were observed to be growing on the site (e.g. Japanese Knotweed, Himalayan Balsam, Giant Hogweed etc).
- No observations of potentially mobile contamination were recorded at the site surface (e.g. hydrocarbons).

2.5 Selected site photographs which were taken during the walkover survey are presented in Drawing No. TLC1009/05 in Appendix A.

3.0 SITE HISTORY

3.1 Copies of the following Ordnance Survey (OS) plans have been sourced from Landmark and are reproduced in Appendix C.

3.2 The site history is summarised below:

Date	Historical Land use	
	Site	Adjacent areas (compass dir^{n})
1877 & 1882	Button Lane (approx. N-S trending) passes through the W half of the site. Remainder of site falls within fields.	Button Lane – 0m N & S. Fields – 0m N, 0m E. Possible Plantation – 0m W. Farm Buildings – 25m SW. Pumps – 40m, 60m SW & 185m SW, 125m SE. Orchard – 210m SW. Stream – 215m NW (flowing to SW).
1898 & 1899	No apparent change.	Orchards – 20m SW & 25m W. Plantation not shown. Orchard 210m SW not shown. Greenhouses – 25m W & 145m SE.
1910 & 1911	No apparent change.	Orchard 25m W not shown.
1922 & 1923	W corner of the site may fall within a Nursery. Button Lane has widened slightly in N.	Small Orchard – 145m NW. Greenhouses – 155m NE & 195m SW.
1935 & 1938	Little significant change.	One of the greenhouses 25m W of the site has been removed. Greenhouse to NE have expanded. Greenhouses 145m SE note shown. Extensive Residential Development - >85m SE. Small unknown building 5m NE.
1954	No apparent change.	Little significant change within 250m.
1956	Button Lane not shown. W and E corners of the site no longer fall within a nursery or field.	Button Lane has been re-routed – now 0m SE. Unnamed road – 0m NE. Electricity Substation – 0m NW. Extensive Residential Development N, E, S & W. Orchards, pumps, greenhouses not shown.
1965	No apparent change.	Little significant change.
1976	Only the E half of the property is shown. No apparent change.	Little significant change within 250m.
1981	No apparent change.	Little significant change within 250m..
1989	Only the W half of the property is shown. No apparent change.	Little significant change within 250m.
1992	No apparent change.	Little significant change within 250m..
1999	No apparent change.	Little significant change within 250m.
2018	No apparent change.	Little significant change within 250m.

3.3 Google Earth imagery (dating from 2000 to present day) has been reviewed. The most significant findings made from the imagery are detailed below:

- 2000 aerial image. Probable overgrown garden areas across the approximate northern two thirds of the site and adjacent to the south-eastern boundary. A driveway enters the site from Button Lane at the eastern corner which leads to a rectangular possible hardstood area adjacent to the south-western boundary. A small detached residential type property is present towards the western corner. Trees, shrubs and hedges line the south-eastern, south-western, north-western and north-eastern boundaries. The electricity substation is

clearly visible adjacent to the north-western boundary. Residential development surrounds the site, shops are situated ≈5m north-east.

- 2003 aerial image. Rectangular possible hardstood area is covered with concrete flagstones.
- 2005 aerial image. Poor image. Not possible to make out detail.
- 2009 aerial image. Possible small extension (a car port?) added to the building. Garden areas look better maintained.
- 2013 aerial image. Poor image. Difficult to make out detail although the building (+ extension) may have been removed.
- 2017 aerial image. Building (+ extension) definitely removed. Garden areas, trees, shrubs and hedges are visible overgrown. Site appears to be mainly weed and gravel surfaced.

4.0 ENVIRONMENTAL SETTING

4.1 Geology, Coal Mining, Quarrying and Ground Stability

4.1.1 Geological information pertaining to the site has been obtained from the following sources:

- The British Geological Survey (BGS) 1:63,360 scale drift edition map for Stockport (sheet 98) dated 1971;
- The BGS 1:50,000 solid edition map for Stockport (sheet 98) dated 1977;
- The BGS online map viewer.
- Information contained within the Landmark Envirocheck report and obtained from historical mapping (presented in Appendices B and C respectively), Google Earth imagery and the site walkover survey.

4.1.2 The table below summarises the site geology findings:

MADE GROUND	None indicated on BGS mapping. However, historical mapping and Google Earth imagery indicates previous development has occurred on the site. Made Ground deposits were recorded at the ground surface during the site walkover survey. Therefore, deposits of Made Ground (probably <1m thick) are likely to overlie the site.
DRIFT	Devensian Glaciofluvial Sheet Deposits – Sand and gravel. BGS borehole records (see below) suggest that the sand and gravel may be underlain by Glacial Till and is likely to be >5m thick.
SOLID	Triassic Tarpoley Siltstone – Mudstone, siltstone and sandstone.
FAULTING	The site is not indicated to be affected by known faulting.
ROCK DIP	No rock dips are indicated in the area of the site.
COAL SEAMS	Not affected.

4.1.3 BGS online borehole records, indicate that a number of small diameter boreholes and machine excavated trial pits were sunk to the north-west of the site in 2010, as part of the Manchester Metrolink Phase 3B Airport Extension site investigation works. The findings from two of the closest exploratory boreholes are summarised below:

<u>TP49-AIR – Trial Pit Excavated ≈105m NW (BGS ref: SJ89SW1002)</u>

- G.l. to 0.50m – MADE GROUND.
- 0.50 to 0.80m – Firm brownish orange and grey sandy CLAY.
- 0.80 to 1.80m – Brown slightly gravelly fine to coarse SAND.
- 1.80 to 2.60m – Brown very gravelly SAND.
- 2.60 to 2.80m – Soft to firm brown slightly gravelly CLAY.

Groundwater strike recorded at 2.60m.

<u>WS23 -AIR – Borehole Sunk ≈125m NW (BGS ref: SJ89SW947)</u>

- G.l. to 1.00m – MADE GROUND.
- 1.00 to 2.80m – Medium dense yellowish brown mottled grey slightly silty gravelly fine to coarse SAND with occasional pockets of gravel.

- 2.80 to 6.20m – Soft locally soft to firm becoming stiff reddish brown slightly sandy slightly gravelly CLAY.

No groundwater was recorded.

4.1.4 The Coal Authorities internet web portal (www.mapapps2.bgs.ac.uk/coalauthority/home.html) indicates that:

- The site and immediate surrounding area are not located within an area which could be affected by shallow coal mining.

4.1.5 There are no BGS recorded mineral sites located within 1km of the site.

4.1.6 According to the BGS, the property is at no or very low risk of being affected by the following potential ground stability hazards: collapsible ground, landslip, ground dissolution, running sand, compressible ground or shrinking/swelling clay.

4.2 Hydrogeology

4.2.1 In terms of groundwater quality vulnerability, the Tarpoley Siltstone is indicated to be a Minor Aquifer overlain by soils of high urban leaching potential. The Tarporley Siltstone has also been designated as a Secondary B Aquifer.

4.2.2 The Glaciofluvial Sheet Deposits have been designated to be a Secondary A Aquifer.

4.2.3 The site lies does not lie within, or within at least 1km of, an Environment Agency (EA) defined groundwater source protection zone.

4.2.4 No licensed groundwater abstractions have been identified within at least 321m of the site boundary.

4.3 Hydrology and Flooding

4.3.1 The nearest surface water feature identified in the Landmark Envirocheck report is located 612m to the south of the site.

4.3.2 A stream (flowing to the south west) was identified 215m north-west of the site on historical mapping. This stream may have been culverted.

4.3.3 No EA river quality data is available within 832m of the site.

4.3.4 No surface water abstractions are indicated within 1.65km of the site.

4.3.5 The site is not indicated to be at risk from river related flooding.

4.3.6 The site is not indicated to be at risk from groundwater related flooding.

4.4 Radon

4.4.1 The property is located within a lower probability radon area (<1% of homes are estimated to be at or above the Action Level). Consequently, in accordance with BRE publication BR211, no radon gas protection measures need to be installed into proposed developments.

4.5 Landfills and Waste Related Industry

4.5.1 No BGS recorded, historical, local authority or EA registered landfill sites or waste related industry have been identified within at least 1km of the site boundary.

4.5.2 No areas of potentially infilled/upfilled land were identified within at least 250m of the site during the historical map study.

4.6 Other Relevant Environmental Information

4.6.1 Only one contemporary trade directory entry is given within 250m of the site. This is associated with a former blinds, awnings and canopies company, which was located 207m to the south.

4.6.2 No currently operating fuel stations are listed within at least 1km of the site. The nearest obsolete fuel station which has been identified is position 571m to the south.

4.6.3 No licensed waste water discharge consents have been granted by the EA within at least 778m of the site.

5.0 PRELIMINARY RISK ASSESSMENT

5.1 Introduction

5.1.1 In statutory guidance regarding potentially contaminated land, risk assessments are used as a site-specific generic technique to identify potential environmental issues.

5.2 Risk Assessment Methodology

5.2.1 The purpose of a Phase 1 Environmental Assessment (desk study) is to obtain information regarding the site or property to gain a preliminary understanding of potential environmental issues. This information includes existing or proposed use, site history and environmental setting. The information obtained is used to develop a conceptual model, which describes potential hazards (sources), pathways and receptors, which may be relevant to a property or site. The following definitions have been adapted from Part IIA of the Contaminated Land Regulations 2000:

Source: A substance or condition that has the potential to cause harm.

Pathway: One or more routes by which a receptor is being or could be exposed to or brought into contact with a source of contamination.

Receptor: A living organism or group of living organisms, an ecological system or property that could be detrimentally affected by the source.

Figure 5.1 depicts a conceptual model, which shows the stages of a risk assessment via source – pathway – receptor methodology to produce a pollutant linkage.

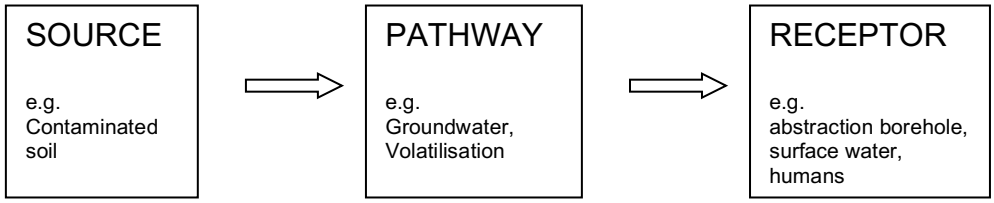


Figure 5.1: Risk assessment conceptual model.

5.2.2 A risk may be considered significant if all three of the above stages are present and thereby forming a pollutant linkage. Geotechnical and mining risks can also be considered using the source, target, pathway model.

5.3 Conceptual Site Model

5.3.1 The table below summarises the potential pollutant linkages/geotechnical/mining risks that have been identified (risks have assumed that no remedial works have taken place):

Outline Conceptual Site Model		
Source of Contamination/Other	**Pathway**	**Receptor & Preliminary Risk Rating + Notes**
Site Borne Contamination Historical/contemporary potentially contaminative usage of the site has not been identified. However, Button Lane formerly passed through the W half of the site (trending N-S). Fill materials associated with the construction of Button Lane are therefore likely to be present. Demolition rubble type material may also be present on site associated with the construction and clearance of relatively recent probable residential development. Please see table footnote (1) for a list of the most likely contaminants that could be present.	Ingestion of soil Inhalation of dust Inhalation of vapours Consumption of fruit and vegetables Dermal contact	End users – at low to medium risk End users have the potential to come into direct contact with any contamination which may be present beneath garden areas. Exposure to contaminants could come through consumption of home grown fruit and vegetables. Volatile contamination present within the subsurface could enter dwellings through cracks in floorslabs/service penetrations etc. There could also be an odour risk. However, it is considered unlikely that significant quantities of volatile contamination will be present. Construction/future maintenance workers – at low to medium risk. These receptors will potentially be coming into direct contact with the ground. Public/neighbouring residents – at very low risk It is considered unlikely that significant quantities of leachable, dissolved or free phase contamination will be present beneath the site. Contaminated dust could be generated in dry weather though vehicle movements over exposed soils and during earth movements.
	Leaching from contaminated soils into groundwater with vertical and lateral migration. Impacted perched groundwater. Lateral and vertical migration.	Surface Waters (None identified on current OS mapping within 612m of the site; there may be culverted watercourse ≈215m NW) – at negligible risk. It is considered unlikely that significant quantities of leachable, dissolved or free phase contamination will be present beneath the site. Glaciofluvial Sheet Deposits Secondary A Aquifer – at low risk It is considered unlikely that significant quantities of leachable, dissolved or free phase contamination will be present beneath the site. Tarporley Siltstone Secondary B Aquifer – at very low risk. It is considered unlikely that significant quantities of leachable, dissolved or free phase contamination will be present beneath the site. There are no Environment Agency defined groundwater source protection zones within influencing distance of the site.
	Plant Uptake	Plants & Native Grasses – at low risk.
Asbestos Containing Materials (ACMs) No fragments of ACMs were noted during the site walkover survey.	Inhalation of fibres	End users – at low risk. Construction/future maintenance workers – at low risk Neighbouring residents – at very low risk
Site Borne Contamination/Leachate Contaminated Perched Groundwater/'Aggressive' natural ground conditions (high sulphate and/or low pH)	Reaction	Below ground services (including buried concrete and water supply pipes) – at low risk.
Offsite Contamination An electricity substation was built just beyond the NW site boundary in ≈1955 and is still present. Old substations can give rise to polychrlorinated biphenyl (PCB) contamination. PCBs were once widely deployed as dielectric and coolant fluids in electrical apparatus. Orchards and nurseries were formerly located in close proximity to the site. Lead arsenate was historically used in orchards to control pests.	Leaching from contaminated soils into groundwater with and lateral migration. Inhalation of vapours Dermal contact	End users – at low to medium risk (from PCB contamination) Construction/future maintenance workers – at low to medium risk.
	Leaching from contaminated soils into groundwater with and lateral migration. Reaction	Below ground services – at very low risk
Hazardous Gases – see table footnote (2) No landfills or waste related industry have been identified within influencing distance of the site. No potentially infilled/upfilled land has been identified within at least 250m of the site. Organic rich natural strata is not anticipated beneath the site.	Migration into buildings followed by build-up in poorly ventilated confined areas and inhalation/explosion.	End users – at very low risk Construction/future maintenance workers – at very low risk. Neighbouring residents – at negligible risk Buildings/services – at very low risk.
Radon gas	Migration into buildings followed by build-up in poorly ventilated confined areas and inhalation.	End users – at very low risk
Shallow Mining (in coal seams) + Mine Entries	Collapse with excessive total and differential settlements.	Structures/Services – at no risk Shallow coal seams/workings and mine entries will not be present beneath the site.
Flooding	Rising river levels	Property – At very low risk.
	Groundwater	Property (above and below ground) – not indicated to be at risk.

Outline Conceptual Site Model		
Source of Contamination/Other	**Pathway**	**Receptor & Preliminary Risk Rating + Notes**
Geotechnical properties of the ground.	Failure of foundations/floorslabs. Excessive total and differential settlement.	Structures/Services – at medium risk. Foundations/floorslabs used to the support the proposed building would be at risk of from large amounts of total and differential settlement if they have not taken into account the geotechnical properties of the soils beneath the site.
Invasive Plants	Movement of affected soil across the site/off site during site preparation works.	Structure/Services – at negligible risk. Ecology – at negligible risk. No invasive plant species were identified during the site walkover survey.

(1) The most likely contaminants that could be present beneath the site include metals and metalloids, inorganic compounds, polynuclear aromatic hydrocarbons (PAHs), sulphate, petroleum hydrocarbons, PCBs and asbestos fibres. Any perched groundwater present could also contain a similar suite of contaminants (except asbestos).

(2) Methane, carbon dioxide, carbon monoxide and hydrogen sulphide.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Button Lane (trending approximately north-south) originally passed through the western half of the site. By ≈1955 Button Lane had been re-routed to form the site's south-eastern boundary. Historical mapping indicates the site is clear of development from ≈1955 to the present day. However, Google Earth imagery indicates the presence of a small detached building (probably residential) towards the western corner of the site from at least 2000, together with a short driveway, flagged areas and probably garden areas. Development on site is likely to have been cleared by 2013.

6.2 An electricity substation has been present immediately beyond the north-western site boundary from ≈1955 to the present day. Other potentially contaminative development/land usage which has been identified within 250m is limited to several orchards and nurseries. Extensive residential development of the area surrounding the site took place between 1954-1956.

6.3 There is potential for contamination to be present beneath the site. This could be associated with the construction of Button Lane (ash and cinders were historically commonly used as a sub-base to hardstanding), or the construction/demolition of the relatively recent development of the site.

6.4 No landfills or waste related industry have been identified within influencing distance of the site. No areas of potential infilling/upfilling were identified within 250m of the site on historical mapping.

6.5 However, low volumes of landfill type gases could still be present below the site; these may have been derived from any Made Ground materials present beneath or adjacent to the site boundary which contain biodegradable organic material (e.g. wood fragments, cloth, finely disseminated organic material etc) or organic contamination.

6.6 The most likely contaminants that could be present within the subsurface (especially any Made Ground present) include: metals and metalloids, inorganic compounds, polynuclear aromatic hydrocarbons (PAHs), petroleum hydrocarbons and asbestos fibres. Any perched groundwater present could also contain a similar suite of contaminants (except asbestos).

6.7 Hazardous landfill type gases which could be present beneath the site include carbon dioxide, methane, carbon monoxide and hydrogen sulphide.

6.8 BGS mapping indicates that the site is likely to be underlain by Glaciofluvial Sand and Gravel over Triassic Tarpoley Siltstone. BGS borehole records suggest that cohesive Glacial Till may underlie the Glaciofluvial deposits at depth; borehole records also suggest that the drift deposits are likely to be >5m thick.

6.9 The site and land adjacent to the site boundaries are not shown to be affected by known faulting.

6.10 The site is not at risk from shallow coal mining.

6.11 The Environment Agency (EA) has designated the Glaciofluvial Sand and Gravel deposits to be a Secondary A Aquifer; the Tarporley Siltstone has been designated to be a Secondary B Aquifer. No EA licensed groundwater abstractions or groundwater source protection zones have been identified within influencing distance of the site.

6.12 No potential surface water receptors for any site borne contamination have been identified within influencing distance of the site.

6.13 Radon gas protection measures are not required to be installed into new developments on this site

6.14 The following preliminary risk ratings for the potential receptors indicated below to be affected by soil/groundwater contamination and ground gases, have been assigned based off the evidence collated in this desk study (assumes no remediation has taken place).

Soils/Groundwater Contamination

- End users – at low to medium risk
- Construction/future maintenance workers – at low to medium risk
- Public/neighbouring residents – at very low risk
- Plants and native grasses – at low risk
- Surface waters – at negligible risk
- Aquifers – at low risk
- Below ground services/structures – at low risk

Ground Gases

- End users – at very low risk
- Construction/future maintenance workers – at very low risk
- Neighbouring residents – at negligible risk
- Buildings/services – at very low risk

6.15 The property is unlikely to be at risk from river or groundwater related flooding.

6.16 The development is unlikely to be at risk from invasive plant species.

6.17 Any development taken place without first determining the geotechnical properties of the soils beneath the site would be at risk of being affected by large amounts of total and differential settlement. Foundation depths may also need to take into account existing/pre-existing and proposed tree/shrub planting to avoid being affected by shrinking/swelling clays.

6.18 The following Phase 2 works are advised to confirm: whether the near surface soils are affected by contamination; the gas risk; and, to confirm the geotechnical properties of the soils underlying the site.

- The sinking of ≈4-5no. small diameter boreholes across the site to maximum depths of ≈6m. The recovered soil would be logged, in-situ geotechnical testing would be carried out and samples would be taken for laboratory analysis (chemical and geotechnical).
- The installation of two boreholes for subsequent groundwater level monitoring and sampling purposes.
- Chemical testing would take place for the determinands listed above in paragraph 6.8.
- Geotechnical testing – Water soluble sulphate, pH value, total sulphur and sulphate, moisture content and Atterberg Limit determinations.

6.19 Once the above site investigation works have been completed, TLC's Phase 2 geo-environmental ground investigation report would be produced; this will provide advice on:

- Whether and to what extent remedial works need to be undertaken to reduce risks to human health, buried concrete and the environment;
- Whether and to what extent gas protection measures need to be incorporated into the floorslabs of the proposed house to protect end users; and,

- The allowable bearing pressures available in the near surface soils and foundation and floorslab and concrete design.

APPENDICES

APPENDIX A

DRAWINGS



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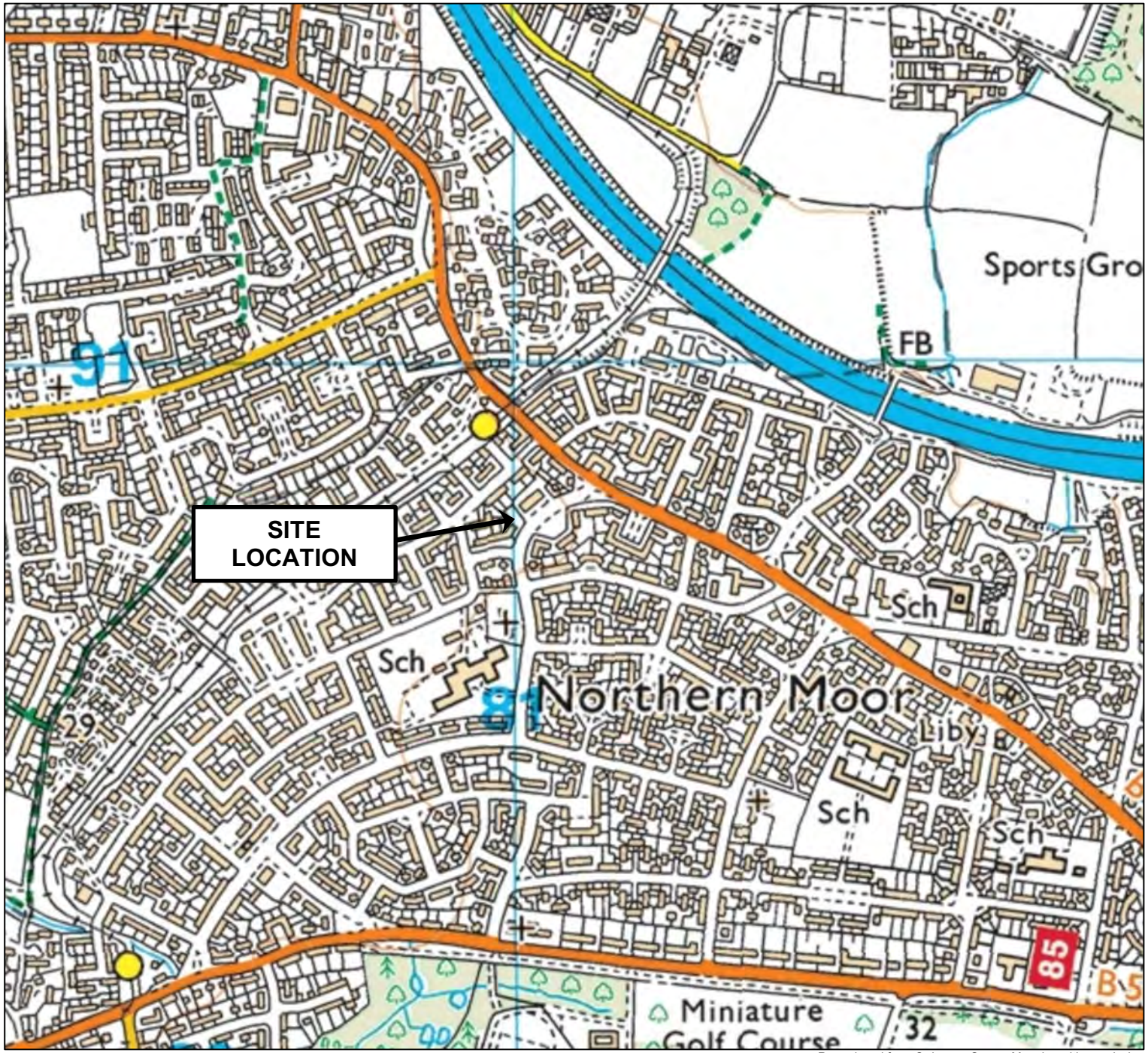
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Project:
Land off Button Lane, Wythenshawe, Manchester M23 0NA

Title:
Site Location Plan

Scale:	**Drawn by:**	**Date:**
NTS	SFK	07/08/2018

Drawing No.: TLC1009/01a



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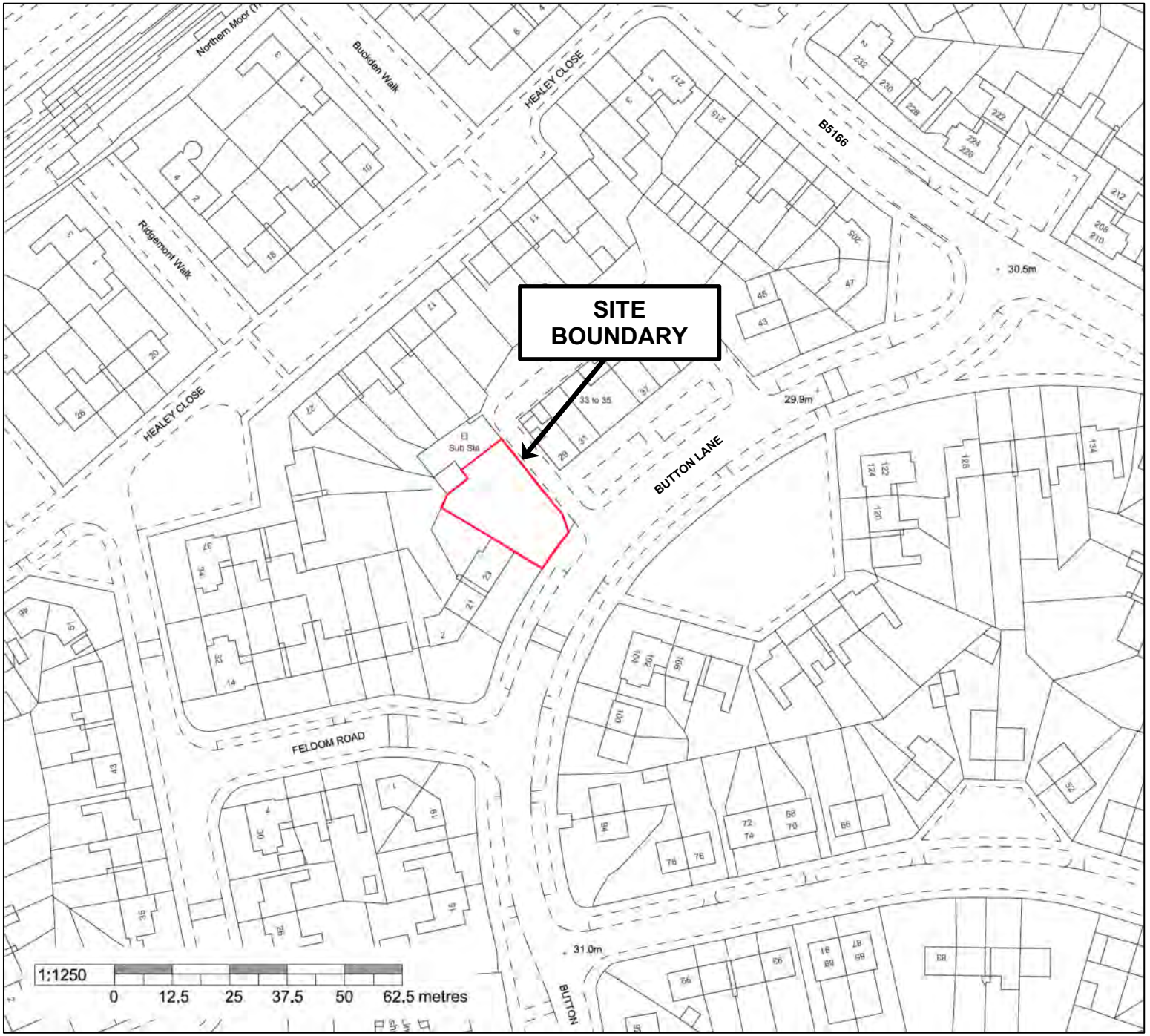
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Scale:	**Drawn by:**	**Date:**
NTS	SFK	07/08/2018

Drawing No.: TLC1009/01b



Reproduced from Michael Dyson Associates Ltd's Drawing No. 001-(SK)-8315 dated July 2018

N

THE LAND CONSULTANCY LIMITED
Fairweather House, 4 Parker Lane, Whitestake, Preston PR4 4JX
Tel: 01772 610609; M: 07771 800859
email: sfknott@thelandconsultancy.co.uk; www.thelandconsultancy.co.uk

Project:
Land off Button Lane, Wythenshawe, Manchester M23 0NA

Title:
Site Boundary Plan

Scale:	**Drawn by:**	**Date:**
As Shown	SFK	07/08/2018

Drawing No.: TLC1009/02



Modified from Michael Dyson Associates Ltd's Drawing No. 001-(SK)-8315 dated July 2018

KEY

- Mound of wood chippings
- Weed/grass covered areas with dark grey/black sandy gravelly topsoil type material exposed in parts.
- Semi-mature sycamore tree.
- Large tree stumps.
- Concrete flagstone covered area.

Gravel components in predominantly gravel (and cobble) surfaced areas comprised of some or all of the following: brick, slate, sandstone, ceramic, tarmac road planings, glass and pottery.

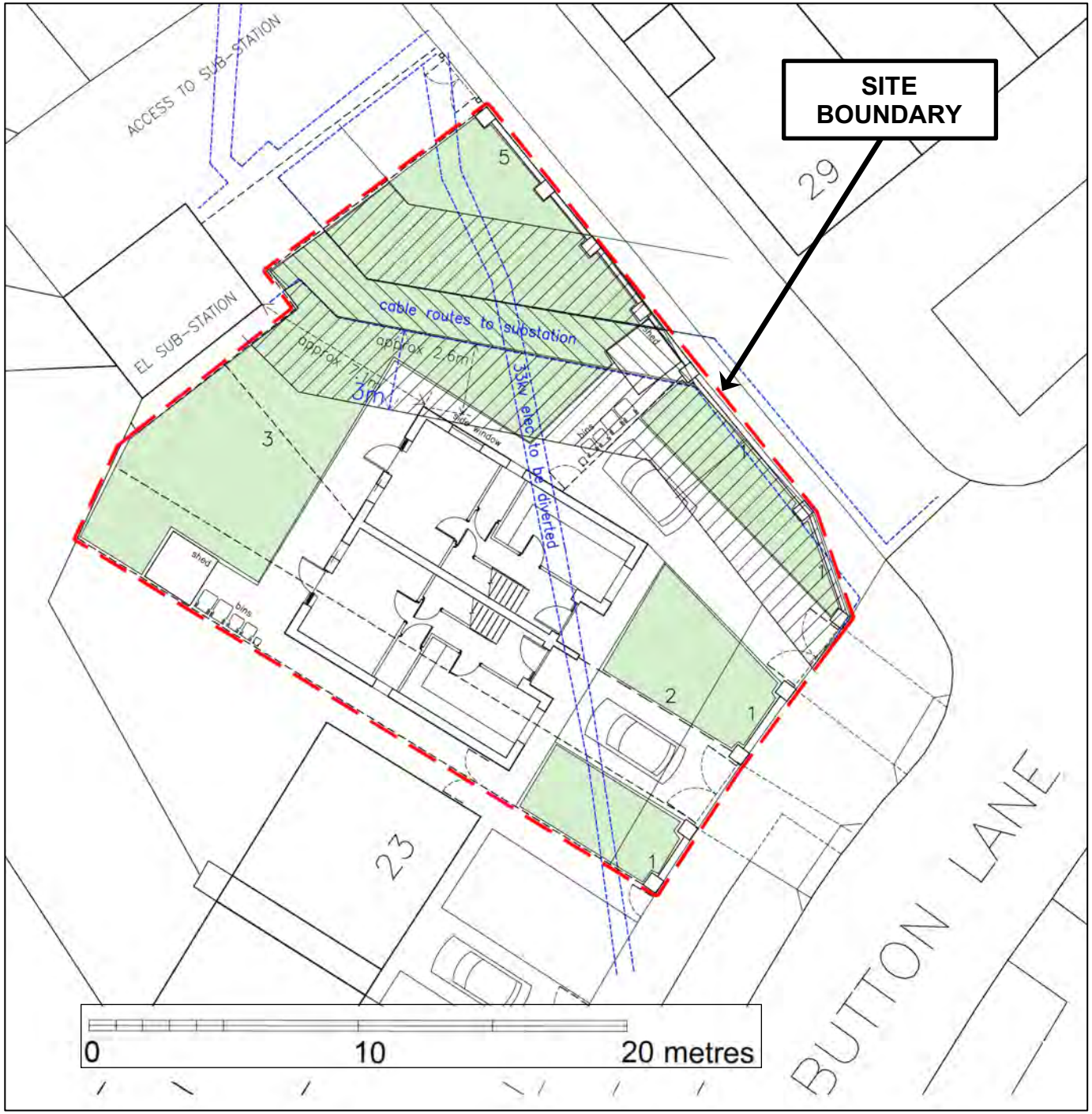
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email: sfknott@thelandconsultancy.co.uk; www.thelandconsultancy.co.uk

Project:
Land off Button Lane, Wythenshawe, Manchester M23 0NA

Title:
Site Boundary Plan. Displays the results of the site walkover survey carried out on 30th July 2018

Scale:	Drawn by:	Date:
As Shown	SFK	07/08/2018

Drawing No.: TLC1009/03



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Project:
Land off Button Lane, Wythenshawe, Manchester M23 0NA

Title:
Proposed Development Plan

Scale:	**Drawn by:**	**Date:**
As Shown	SFK	07/08/2018

Drawing No.: TLC1009/02

SITE NAME/CONTRACT: Land off Button Lane, Wythenshawe, Manchester M23 0NA	**SCALE**: NTS
TITLE: Selected Site Photographs	**DATE**: August 2018



PHOTOGRAPH 1



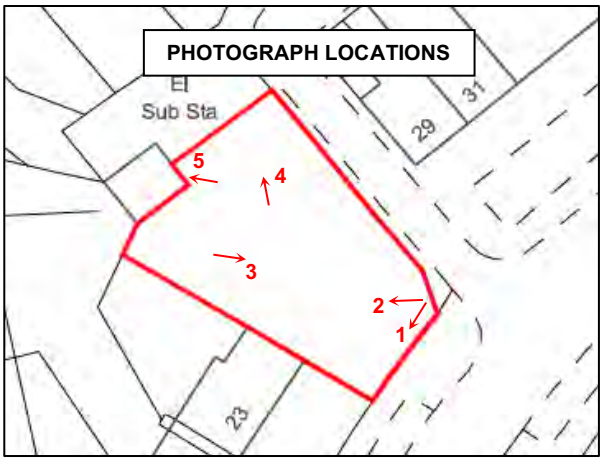
PHOTOGRAPH 2



PHOTOGRAPH 3



PHOTOGRAPH 4





PHOTOGRAPH 5

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DRAWING No. TLC1009/05

APPENDIX B

LANDMARK ENVIROCHECK REPORT

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
174770007_1_1

Customer Reference:
TLC1009

National Grid Reference:
381000, 390780

Slice:
A

Site Area (Ha):
0.04

Search Buffer (m):
1000

Site Details:

, 23, Button Lane
Manchester
M23 0LZ

Client Details:

Mr S Knott
Land Consultancy Ltd (The)
4 Parkers Lane
Whitestake
Preston
Lancashire
PR4 4JX

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Report Section	Page Number
Summary	-
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Waste	13
Hazardous Substances	14
Geological	15
Industrial Land Use	16
Sensitive Land Use	20
Data Currency	21
Data Suppliers	26
Useful Contacts	27

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 the attached 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

Contents

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility					n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				2
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 1				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 1				Yes
Pollution Incidents to Controlled Waters	pg 1				5
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 2				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 2			1	1 (*7)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 4	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 5	Yes	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 5				63

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 14				1
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 15	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			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 15	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards				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

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 20			2	
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
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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
1	**Discharge Consents** Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Maunders Homes Ps, Gawsworth Road, Sale, Cheshire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992256 Permit Version: 1 Effective Date: 22nd March 1991 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Mersey **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	778	2	381450 391430
2	**Discharge Consents** Operator: National Grid Co Plc Property Type: SUB-STATION/ELECTRICITY/GAS/AIR CONDITIONING SUPPLY Location: Waterside Farm, 275/132kv South Manchester Sub, Sale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01m/1141 Permit Version: 1 Effective Date: 26th October 1964 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Mersey **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	983	2	381628 391551
3	**Local Authority Pollution Prevention and Controls** Name: Shell Northenden Location: Shell Garage, 375 Northenden Road, Sale, Cheshire, M41 7NW Authority: Trafford Metropolitan Borough Council, Environmental Health Department Permit Reference: 135 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	562	3	380819 391327
	Nearest Surface Water Feature	A8NW (S)	612	-	380850 390177
4	**Pollution Incidents to Controlled Waters** Property Type: Domestic/Residential Location: Pollution Of Barrow Brook, Sale Golf Course Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: Not Supplied Incident Date: 10th August 1998 Incident Reference: SO981505 Catchment Area: Mersey - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	563	2	380500 390500
5	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: River Mersey Incident Date: 23rd October 1994 Incident Reference: 94512335 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	829	2	381200 391600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: 13th Fairway, Sale Golf Club Authority: Environment Agency, North West Region Pollutant: Sewage Debris/Litter Note: Sewage Litter; Barrow Brook; Sewage Litter Incident Date: 23rd June 1997 Incident Reference: 97511134 Catchment Area: Mersey - Non-Tidal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	922	2	381200 391695
6	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Barrow Brook; None Pollution Found Incident Date: 17th February 1995 Incident Reference: 95510332 Catchment Area: Mersey - Non-Tidal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	927	2	381200 391700
7	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Surface Water Note: Baguely Brook Incident Date: 28th January 1991 Incident Reference: 91510093 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	923	2	380200 390300
	River Quality Name: Sinderland (Baguley) Bk GQA Grade: River Quality D Reach: Qsl At Portway To Fairywell Bk Estimated Distance (km): 7.6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A7NE (SW)	832	2	380429 390165
8	**Water Abstractions** Operator: C Renshaw Licence Number: 2569017004 Permit Version: Not Supplied Location: Spring Fed Well, Northenden Road, SALE Authority: Environment Agency, North West Region Abstraction: Other Spray Irrigation (Summer) Abstraction Type: Not Supplied Source: Spring Daily Rate (m3): 0 Yearly Rate (m3): 54 Details: Licence Status: Lapsed 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	A13NW (N)	321	2	380900 391100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Water Abstractions** Operator: A & J Riley Licence Number: 2569015003 Permit Version: 100 Location: Well At Nursery, Rutland Lane, Sale,Cheshire Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1 Yearly Rate (m3): 327 Details: Nursery At Rutland Lane, Sale, Chesh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	990	2	380600 391700
	Water Abstractions Operator: S & D Astbury Licence Number: 2569015002 Permit Version: 100 Location: Well At Premises, 5 Rutland Lane, Sale, Chesh Authority: Environment Agency, North West Region Abstraction: General Agriculture; General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1 Yearly Rate (m3): 255 Details: Nursery At Rutland Lane, Sale, Chesh Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SE (N)	1175	2	380600 391900
	Water Abstractions Operator: John Hilton Licence Number: 2569015013 Permit Version: 102 Location: A Borehole At Sale Golf Club, Cheshire Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Sale Golf Club, Sale Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 15th February 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SW (N)	1299	2	380750 392070
	Water Abstractions Operator: The Secretary Of Sale Golf Club Licence Number: 2569015013 Permit Version: 101 Location: A Borehole At Sale Golf Club, Cheshire Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 60 Yearly Rate (m3): 10000 Details: Land At Sale Golf Club, Sale Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 8th December 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SW (N)	1299	2	380750 392070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Amec / Alfred Mcalpine Jv Licence Number: 2569015016 Permit Version: 1 Location: River Mersey At Trafford, Manchester Authority: Environment Agency, North West Region Abstraction: Construction: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: M60 Corridor Between Junctions 5 To 8 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th November 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1654	2	382650 391020
	Water Abstractions Operator: Amec / Alfred Mcalpine Jv Licence Number: 2569015016 Permit Version: 1 Location: River Mersey At Trafford, Manchester Authority: Environment Agency, North West Region Abstraction: Construction: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: M60 Corridor Between Junctions 5 To 8 Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th November 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1654	2	382650 391020
	Water Abstractions Operator: Chorlton Cum Hardy Golf Co Ltd Licence Number: 2569015015 Permit Version: 101 Location: Borehole At Chorlton-Cum-Hardy Golf Club Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Chorlton-Cum-Hardy Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SW (NE)	1793	2	382230 392100
	Water Abstractions Operator: The Secretary Licence Number: 2569015015 Permit Version: 100 Location: Borehole At Chorlton-Cum-Hardy Golf Club Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 70 Yearly Rate (m3): 8500 Details: Land At Chorlton-Cum-Hardy Golf Club Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 4th September 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25SW (NE)	1793	2	382230 392100
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 17 Derbyshire & North Staffordshire Scale: 1:100,000	A13SE (N)	0	2	381002 390781
	Drift Deposits None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SE (N)	0	1	381002 390781
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (N)	0	1	381002 390781
	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				
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	612	4	380850 390177
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	632	4	380852 390156
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (E)	650	4	381634 390973
13	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (E)	650	4	381636 390965
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (E)	651	4	381628 390994
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	653	4	380972 390116

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	653	4	380972 390116
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	654	4	380959 390116
18	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 28.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	656	4	380855 390131
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NW (S)	657	4	381000 390111
20	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	661	4	381018 390107
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	662	4	381034 390107
22	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 23.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	670	4	380923 390104
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	671	4	380910 390104
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	682	4	380859 390102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 5.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	682	4	381088 390091
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	684	4	381094 390089
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (NE)	685	4	381620 391098
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NW (NE)	685	4	381608 391119
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 382.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SW (NE)	687	4	381606 391125
30	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	688	4	381102 390086
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	698	4	381113 390078
32	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 7.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SE (S)	702	4	381124 390075
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	704	4	380839 390085

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	704	4	380839 390085
35	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	727	4	380880 390053
36	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	729	4	380867 390053
37	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 20.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A8SW (S)	729	4	380871 390052
38	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	735	4	380888 390043
39	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	746	4	380878 390034
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	746	4	380878 390034
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 87.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	747	4	380877 390033
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	786	4	381801 390768

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	792	4	380768 390014
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Baguley Brook Catchment Name: Mersey Primacy: 1	A7NE (SW)	797	4	380494 390155
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	803	4	380744 390010
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 517.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Baguley Brook Catchment Name: Mersey Primacy: 1	A7NE (SW)	808	4	380509 390129
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 58.1 Watercourse Level: Underground Permanent: True Watercourse Name: Baguley Brook Catchment Name: Mersey Primacy: 1	A7NE (SW)	811	4	380440 390183
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	811	4	380742 390003
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	817	4	380707 390009
50	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 9.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	827	4	380737 389987
51	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 16.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	832	4	380840 389954

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	835	4	380737 389978
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 96.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	837	4	380738 389976
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	837	4	380738 389976
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 176.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	840	4	381852 390836
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 89.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Baguley Brook Catchment Name: Mersey Primacy: 1	A7NE (SW)	842	4	380383 390194
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	844	4	380831 389943
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14NE (E)	857	4	381871 390807
59	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	871	4	380814 389919
60	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	873	4	380815 389917

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	873	4	380815 389917
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	874	4	380820 389914
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 213.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9SW (SE)	877	4	381558 390083
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	877	4	381403 391574
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Baguley Brook Catchment Name: Mersey Primacy: 1	A7NW (SW)	893	4	380298 390215
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1446.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Baguley Brook Catchment Name: Mersey Primacy: 1	A7NW (SW)	894	4	380294 390216
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 186.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Barrow Brook Catchment Name: Mersey Primacy: 1	A18NE (N)	914	4	381147 391698
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 126.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	925	4	381415 391622
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 48.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	925	4	381415 391622

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19NW (NE)	938	4	381462 391611
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A18NE (N)	939	4	381008 391734
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 287.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A19SE (NE)	980	4	381751 391425

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	5	381002 390781
	Local Authority Landfill Coverage Name: Trafford Metropolitan Borough Council - Has not been able to supply Landfill data		143	3	381004 390938

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	**Planning Hazardous Substance Consents** Name: Sale Fencing Location: 14 Fairy Lane, Sale, Trafford, M33 2jt Authority: Trafford Metropolitan Borough Council Application Ref: H/CLD/49227 Hazardous Substance: Unknown at time of report Maximum Quantity: 0 Application date: Not Supplied **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the road within the address or location	A18SE (N)	586	6	381227 391336

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SE (N)	0	1	381002 390781
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	381002 390781
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	381002 390781
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	381002 390781
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	381002 390781
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	381002 390781
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	381002 390781
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	381002 390781
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	381002 390781

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	**Contemporary Trade Directory Entries** Name: Manchester Sunblinds Location: 57, Moor Lane, Manchester, M23 0LY Classification: Blinds, Awnings & Canopies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	207	-	381165 390631
75	**Contemporary Trade Directory Entries** Name: Donnatella Location: 19, Pimmcroft Way, Sale, Cheshire, M33 2LA Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	252	-	381099 391027
76	**Contemporary Trade Directory Entries** Name: Stardust Services Location: 91, Hoylake Road, Sale, Cheshire, M33 2XJ Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	320	-	380712 390945
77	**Contemporary Trade Directory Entries** Name: Vehicle Cosmetic Repairs Location: 51, Mossdale Road, Manchester, M23 0WG Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	365	-	380971 390405
78	**Contemporary Trade Directory Entries** Name: C M S Airconditioning Location: 88, Kerscott Road, Manchester, M23 0FN Classification: Air Conditioning & Refrigeration Contractors **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	440	-	380554 390705
79	**Contemporary Trade Directory Entries** Name: Traffjet Location: 10, Mainwaring Terrace, Manchester, M23 0EW Classification: Power Washing **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	442	-	381451 390704
80	**Contemporary Trade Directory Entries** Name: A1 Turfing Services Location: 14, Bolam Close, Manchester, Lancashire, M23 0HZ Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	540	-	380560 390451
81	**Contemporary Trade Directory Entries** Name: Elite Cleaning Services Location: 97, Helsby Road, Sale, Cheshire, M33 2XF Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	546	-	380459 390916
82	**Contemporary Trade Directory Entries** Name: Shell (Uk) Ltd Location: 375, Northenden Road, Sale, Cheshire, M33 2PG Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	571	-	380832 391341
83	**Contemporary Trade Directory Entries** Name: Das Location: 25, Tipton Drive, Manchester, M23 0EZ Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	580	-	381592 390730
84	**Contemporary Trade Directory Entries** Name: Manchester Pro Clean Location: 17, Meshaw Close, Manchester, M23 0GT Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	589	-	380459 390522
85	**Contemporary Trade Directory Entries** Name: Sale Architectural Spraying Location: 14, Helsby Road, Sale, Cheshire, M33 2XD Classification: Spraying - Paint & Coatings **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	592	-	380396 390766

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	**Contemporary Trade Directory Entries** Name: R & P Lucas Location: 168, Moorcroft Road, Manchester, M23 0AH Classification: Hardware **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	596	-	380613 390317
87	**Contemporary Trade Directory Entries** Name: J C Domestic Services Location: 32, Aldfield Road, Manchester, M23 0AL Classification: Dishwashing Machines - Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	616	-	380530 390369
88	**Contemporary Trade Directory Entries** Name: Manchester Community Transport Location: 130, Sale Road, Manchester, Lancashire, M23 0BX Classification: Bus & Coach Operators & Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	633	-	381611 390563
89	**Contemporary Trade Directory Entries** Name: Crown & Bridge Dental Location: 376, Northenden Road, Sale, Cheshire, M33 2PZ Classification: Laboratories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	650	-	380714 391379
90	**Contemporary Trade Directory Entries** Name: Powerserve Ltd Location: 22, Chelford Road, SALE, Cheshire, M33 2XA Classification: Diesel Engine Equipment & Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (W)	661	-	380328 390762
91	**Contemporary Trade Directory Entries** Name: Adeles Ironing Services Location: 83, Lawton Moor Road, Manchester, M23 0PU Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	675	-	381402 390218
92	**Contemporary Trade Directory Entries** Name: Domestic Appliances Location: 124, Sale Road, Manchester, Lancashire, M23 0BX Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	694	-	381665 390535
92	**Contemporary Trade Directory Entries** Name: Domestic Appliances Location: 124, Sale Road, Manchester, M23 0BX Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SW (E)	694	-	381665 390535
93	**Contemporary Trade Directory Entries** Name: Smiths Blinds Location: 111, Sale Road, Manchester, M23 0BU Classification: Blinds, Awnings & Canopies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (SE)	698	-	381647 390480
94	**Contemporary Trade Directory Entries** Name: Chartwell Waste Location: 17, Cherington Close, Manchester, M23 0FE Classification: Rubbish Clearance **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	699	-	381709 390694
94	**Contemporary Trade Directory Entries** Name: Jimshift Waste Management Location: 1 Cherington cl, Manchester, Lancashire, M23 0FE Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	714	-	381721 390674
95	**Contemporary Trade Directory Entries** Name: D R D Mechanical Services Location: 123, Kerscott Road, MANCHESTER, M23 0QE Classification: Mechanical Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	726	-	380365 390408

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	**Contemporary Trade Directory Entries** Name: Sale Moor Community Partnership Location: 359, Norris Road, Sale, Cheshire, M33 2UP Classification: Mechanical Handling Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	747	-	380268 390979
96	**Contemporary Trade Directory Entries** Name: Norris Launderette Location: 343, Norris Road, SALE, Cheshire, M33 2UP Classification: Dry Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	767	-	380246 390976
97	**Contemporary Trade Directory Entries** Name: Moor Village Saver Location: 103, Sale Road, MANCHESTER, M23 0BQ Classification: Hardware **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (SE)	751	-	381694 390456
98	**Contemporary Trade Directory Entries** Name: G A Autos Location: 43, Carloon Road, Manchester, M23 0BR Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	802	-	381665 390306
99	**Contemporary Trade Directory Entries** Name: Sale Rubbish Removals Location: 95, Royton Avenue, Sale, Cheshire, M33 2TU Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	829	-	380168 390655
100	**Contemporary Trade Directory Entries** Name: Piquet Stained Glass Location: 15, Warslow Drive, Sale, Cheshire, M33 2XN Classification: Leaded Lights & Windows **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NW (SW)	860	-	380215 390404
101	**Contemporary Trade Directory Entries** Name: Pristine Location: 27, Gatley Road, Sale, Cheshire, M33 2RG Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (W)	876	-	380162 391073
102	**Contemporary Trade Directory Entries** Name: The Car Centre Location: 34, Cherry Tree Road, Manchester, M23 9BX Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SW (S)	884	-	380674 389950
103	**Contemporary Trade Directory Entries** Name: Fixascuff Location: 10, Litherland Road, Sale, Cheshire, M33 2PE Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	893	-	380321 391378
103	**Contemporary Trade Directory Entries** Name: Fixascuff Location: 10, Litherland Road, Sale, Cheshire, M33 2PE Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	893	-	380321 391378
104	**Contemporary Trade Directory Entries** Name: New Beginnings Location: 17, Hallas Grove, Manchester, M23 0GZ Classification: Agricultural Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	963	-	381743 390144
104	**Contemporary Trade Directory Entries** Name: Ks Recovery Location: Flat 1, The Mount, Wythenshawe Road, Manchester, M23 0PD Classification: Car Breakdown & Recovery Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	985	-	381746 390115

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	**Contemporary Trade Directory Entries** Name: A J R Dust Engineering Ltd Location: Moorfields, 8, Moor Road, Manchester, Lancashire, M23 9BG Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	963	-	380418 390005
106	**Contemporary Trade Directory Entries** Name: R K Refrigeration Ltd Location: 14, Peel Drive, Sale, Cheshire, M33 2GF Classification: Air Conditioning & Refrigeration Contractors **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	967	-	380385 391542
107	**Fuel Station Entries** Name: Shell Northenden Location: Northenden Road , , Sale, Greater Manchester, M33 2PG Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A18SW (N)	571	-	380832 391341

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	**Areas of Adopted Green Belt** Authority: Manchester City Council Plan Name: Proposals Map **Status: Adopted** Plan Date: 11th July 2012	A13NE (NE)	298	7	381178 391034
109	**Areas of Adopted Green Belt** Authority: Trafford Metropolitan Borough Council Plan Name: Trafford Unitary Development Plan **Status: Adopted** Plan Date: 19th June 2006	A13NE (NE)	417	8	381265 391118
110	**Local Nature Reserves** Name: Wythenshawe Park Multiple Area: N Area (m2): 854545.25 Source: Natural England Designation Date: Not Supplied	A8NW (S)	601	9	380900 390176

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Cheshire East Council - Environmental Health Department	April 2014	Annually
Stockport Metropolitan Borough Council - Environment Team (Land & Water)	December 2014	Annual Rolling Update
Macclesfield Borough Council (now part of Cheshire East Council) - Health and Public Safety	July 2008	Not Applicable
Salford City Council - Environmental Health Department	November 2013	Annual Rolling Update
Trafford Metropolitan Borough Council - Renewal and Environmental Protection	November 2013	Annual Rolling Update
Manchester City Council - Environmental Health Department	September 2014	Annual Rolling Update
Discharge Consents		
Environment Agency - North West Region	April 2018	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North West Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - North West Region	October 2008	Variable
Integrated Pollution Prevention And Control		
Environment Agency - North West Region	April 2018	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department	February 2009	Not Applicable
Salford City Council - Environmental Health Department	March 2015	Variable
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	October 2014	Variable
Trafford Metropolitan Borough Council - Environmental Health Department	October 2014	Variable
Cheshire East Council - Environmental Health Department	September 2014	Variable
Manchester City Council - Environmental Health Department	September 2014	Variable
Local Authority Pollution Prevention and Controls		
Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department	February 2009	Not Applicable
Trafford Metropolitan Borough Council - Environmental Health Department	July 2015	Annual Rolling Update
Salford City Council - Environmental Health Department	March 2015	Annual Rolling Update
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	October 2014	Annual Rolling Update
Manchester City Council - Environmental Health Department	September 2014	Annual Rolling Update
Cheshire East Council - Environmental Health Department	September 2014	Annually
Local Authority Pollution Prevention and Control Enforcements		
Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department	February 2009	Not Applicable
Salford City Council - Environmental Health Department	March 2015	Variable
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	October 2014	Variable
Trafford Metropolitan Borough Council - Environmental Health Department	October 2014	Variable
Cheshire East Council - Environmental Health Department	September 2014	Variable
Manchester City Council - Environmental Health Department	September 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters		
Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - North West Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - North West Region	March 2013	As notified
Registered Radioactive Substances		
Environment Agency - North West Region	January 2015	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually

Data Currency

Agency & Hydrological	Version	Update Cycle
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	April 2018	Quarterly
Water Abstractions Environment Agency - North West Region	April 2018	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	January 2018	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2018	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2018	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2018	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2018	Quarterly
Flood Defences Environment Agency - Head Office	May 2018	Quarterly
OS Water Network Lines Ordnance Survey	May 2018	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Data Currency

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	April 2018	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - North West Region - South Area	April 2018	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North West Region - South Area	April 2018	Quarterly
Local Authority Landfill Coverage		
Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department	May 2000	Not Applicable
Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department	May 2000	Not Applicable
Manchester City Council - Planning Department	May 2000	Not Applicable
Salford City Council - Environmental Health Department	May 2000	Not Applicable
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	May 2000	Not Applicable
Trafford Metropolitan Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cheshire County Council (now part of Cheshire East Council) - Environmental Planning Department	February 2005	Not Applicable
Macclesfield Borough Council (now part of Cheshire East Council) - Environmental Health Department	May 2000	Not Applicable
Manchester City Council - Planning Department	May 2000	Not Applicable
Salford City Council - Environmental Health Department	May 2000	Not Applicable
Stockport Metropolitan Borough Council - Environmental Health Department, EEDD	May 2000	Not Applicable
Trafford Metropolitan Borough Council - Environmental Health Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - North West Region - South Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Trafford Metropolitan Borough Council	April 2016	Variable
Macclesfield Borough Council (now part of Cheshire East Council) - Planning Department	December 2008	Not Applicable
Cheshire East Council - Planning Department	February 2016	Variable
Manchester City Council - Planning Department	February 2016	Variable
Stockport Metropolitan Borough Council - Environment and Economic Development	February 2016	Variable
Cheshire County Council (now part of Cheshire East Council) - Planning Department	July 2008	Annual Rolling Update
Salford City Council	June 2016	Variable
Planning Hazardous Substance Consents		
Trafford Metropolitan Borough Council	April 2016	Variable
Macclesfield Borough Council (now part of Cheshire East Council) - Planning Department	December 2008	Not Applicable
Cheshire East Council - Planning Department	February 2016	Variable
Manchester City Council - Planning Department	February 2016	Variable
Stockport Metropolitan Borough Council - Environment and Economic Development	February 2016	Variable
Cheshire County Council (now part of Cheshire East Council) - Planning Department	July 2008	Annual Rolling Update
Salford City Council	June 2016	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2018	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	As notified
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	May 2018	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	April 2018	Quarterly
Gas Pipelines		
National Grid	July 2014	Quarterly
Underground Electrical Cables		
National Grid	December 2015	Bi-Annually
Sensitive Land Use	**Version**	**Update Cycle**
Ancient Woodland		
Natural England	October 2017	Bi-Annually
Areas of Adopted Green Belt		
Macclesfield Borough Council (now part of Cheshire East Council)	February 2018	As notified
Manchester City Council	February 2018	As notified
Salford City Council	February 2018	As notified
Stockport Metropolitan Borough Council	February 2018	As notified
Trafford Metropolitan Borough Council	February 2018	As notified
Areas of Unadopted Green Belt		
Cheshire East Council - Planning Department	February 2018	As notified
Macclesfield Borough Council (now part of Cheshire East Council)	February 2018	As notified
Manchester City Council	February 2018	As notified
Salford City Council	February 2018	As notified
Stockport Metropolitan Borough Council	February 2018	As notified
Trafford Metropolitan Borough Council	February 2018	As notified
Areas of Outstanding Natural Beauty		
Natural England	February 2018	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2018	Bi-Annually
Marine Nature Reserves		
Natural England	January 2018	Bi-Annually
National Nature Reserves		
Natural England	February 2018	Bi-Annually
National Parks		
Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites		
Natural England	February 2018	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2018	Bi-Annually
Special Areas of Conservation		
Natural England	January 2018	Bi-Annually
Special Protection Areas		
Natural England	February 2018	Bi-Annually

Data Suppliers

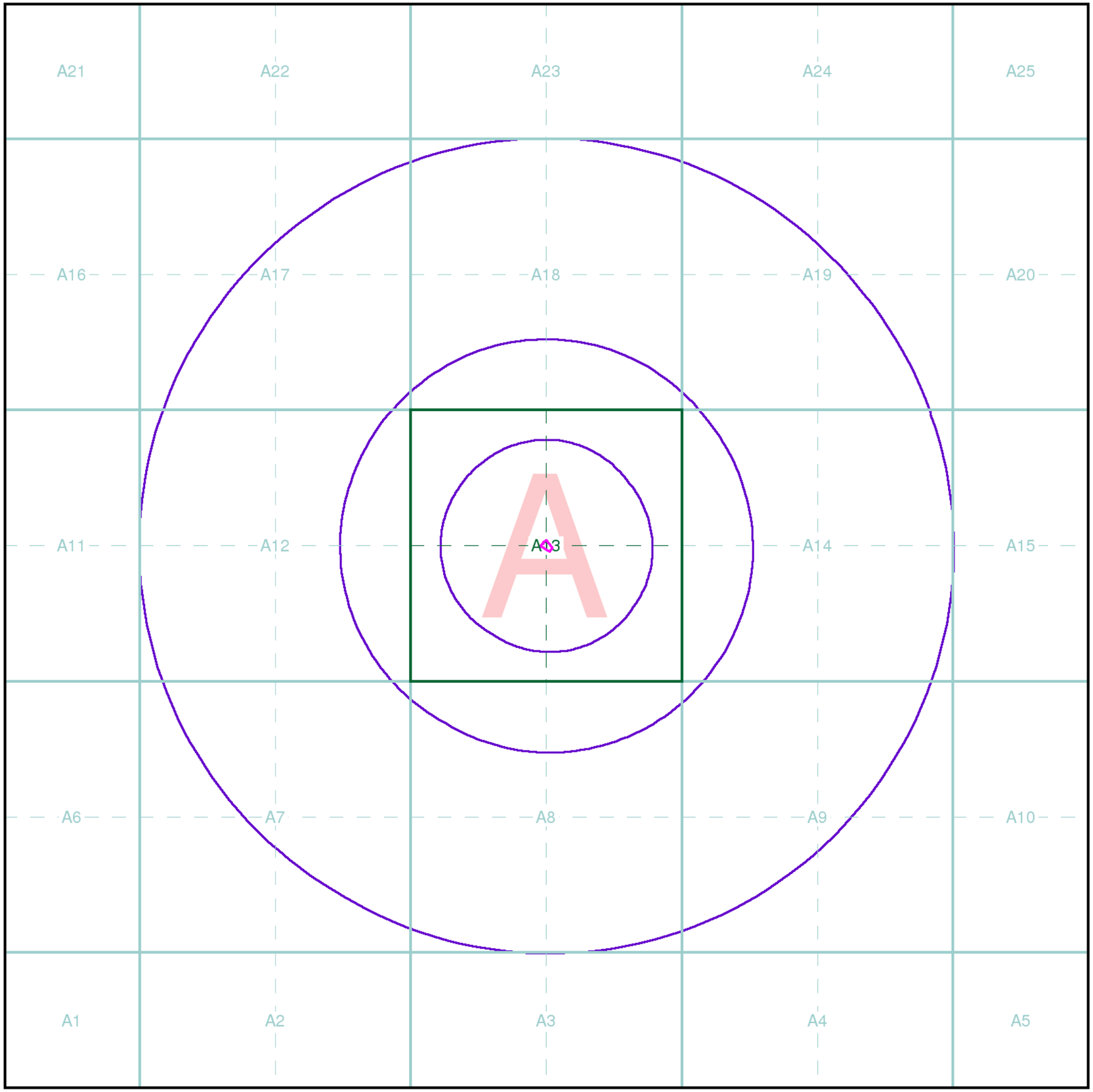
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Trafford Metropolitan Borough Council - Environmental Health Department** P O Box 14, Trafford Town Hall, Talbot Road, Stretford, Greater Manchester, M32 0YJ	Telephone: 0161 912 4566 Fax: 0161 873 7783 Website: www.trafford.gov.uk
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	**Manchester City Council - Planning Department** Town Hall, Manchester, Greater Manchester, M60 2LA	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
6	**Trafford Metropolitan Borough Council** Sale Town Hall, Tatton Road, Sale, Greater Manchester, M33 7EE	Telephone: 0161 912 1212 Fax: 0161 873 7783 Website: www.trafford.gov.uk
7	**Manchester City Council** Town Hall, Albert Square, Manchester, Greater Manchester, M60 2JT	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
8	**Trafford Metropolitan Borough Council** P O Box 14, Trafford Town Hall, Talbot Road, Stretford, Greater Manchester, M32 0YZ	Telephone: 0161 912 1212 Fax: 0161 873 7783 Website: www.trafford.gov.uk
9	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr S Knott, Land Consultancy Ltd (The), 4 Parkers Lane, Whitestake, Preston, Lancashire, PR4 4JX

Order Details

Order Number:	174770007_1_1
Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Site Area (Ha):	0.04
Search Buffer (m):	1000

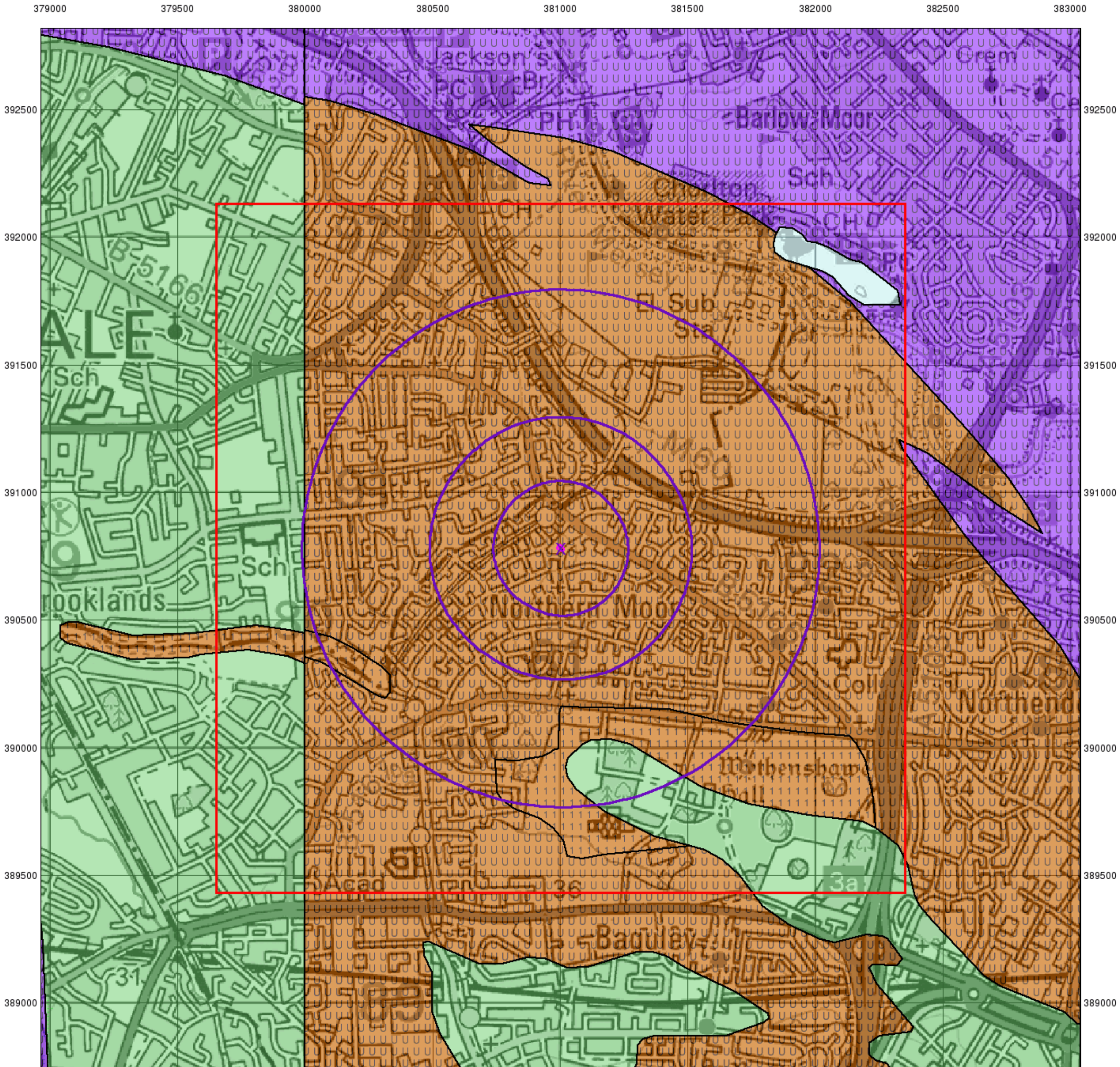
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Groundwater Vulnerability

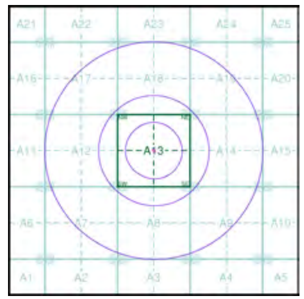
General

Specified Site · Specified Buffer(s) · Bearing Reference Point · Slice · Map ID

Agency and Hydrological

Geological Classes	Soil Classes
Major Aquifer (Highly Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Minor Aquifer (Variably Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Non Aquifer (Negligibly Permeable)	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice A



N

Order Details

Order Number: 174770007_1_1
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National Grid Reference: 381000, 390780
Slice: A
Site Area (Ha): 0.04
Search Buffer (m): 1000

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Bedrock Aquifer Designation

General

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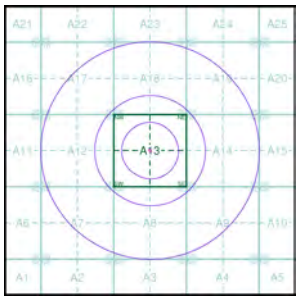
Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A

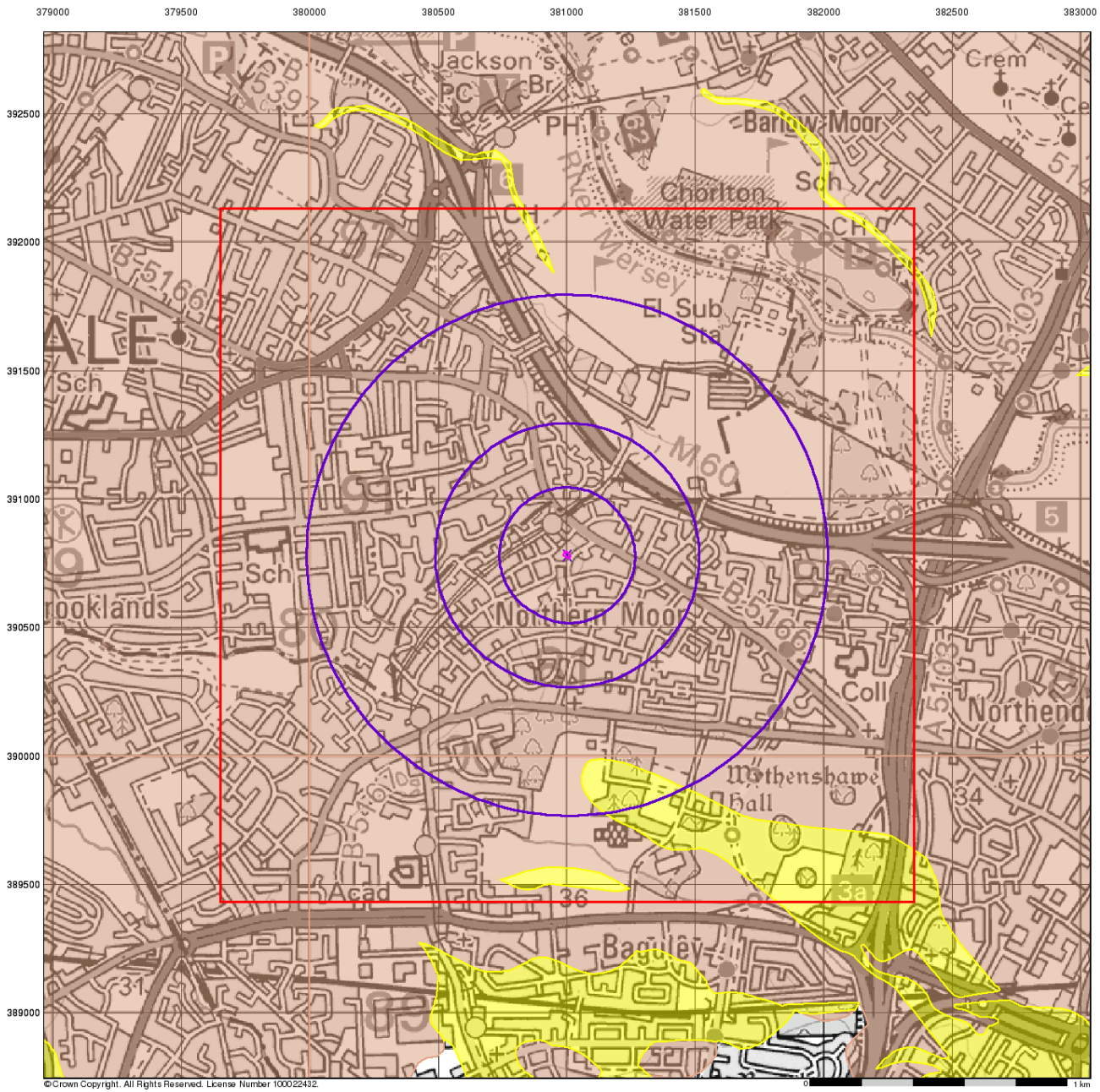


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National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
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Superficial Aquifer Designation

General

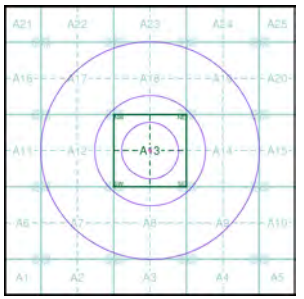
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A

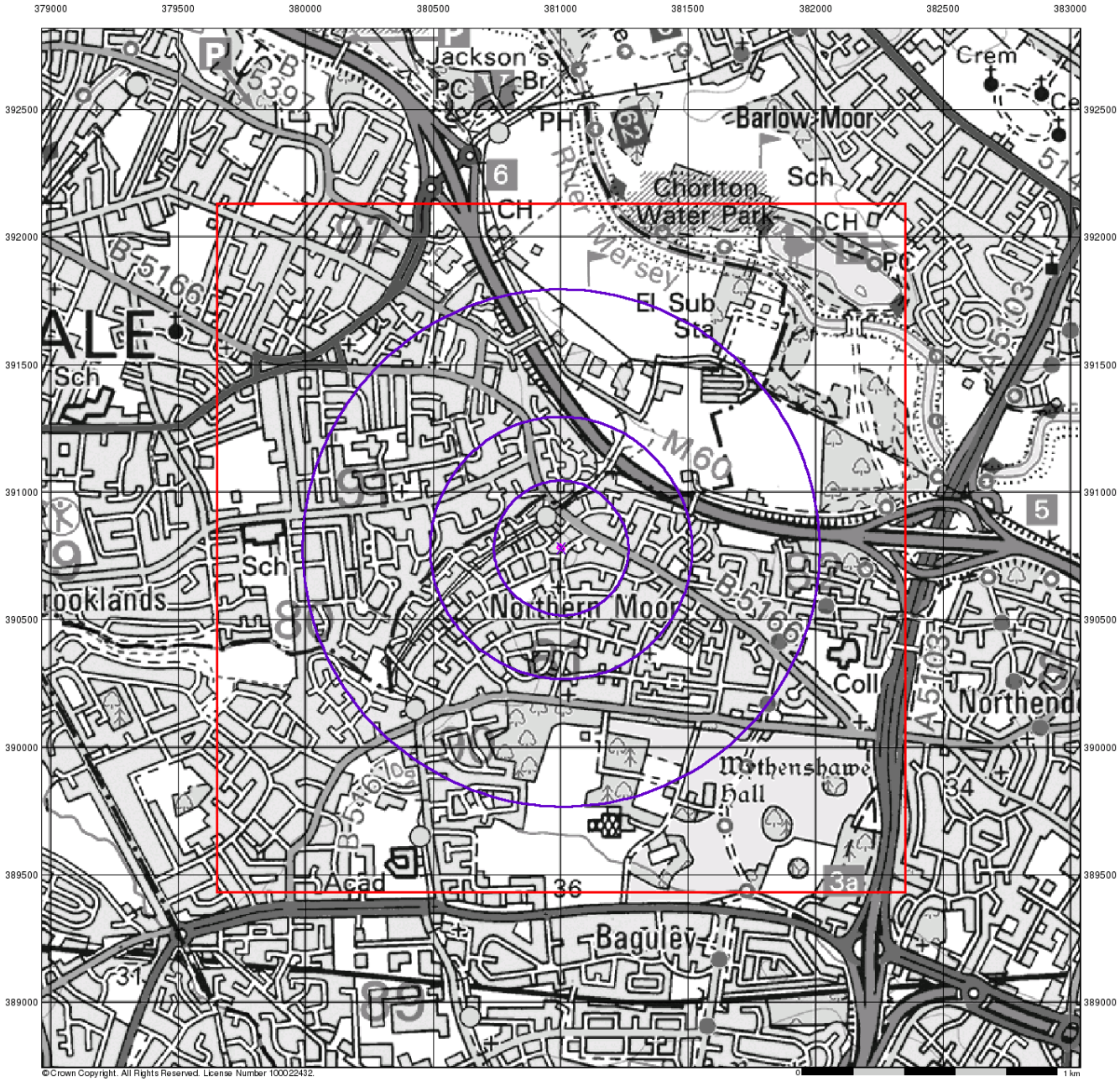


Order Details

Order Number:	174770007_1_1
Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	1000

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Source Protection Zones

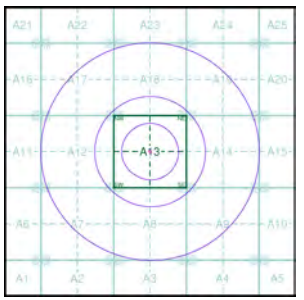
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



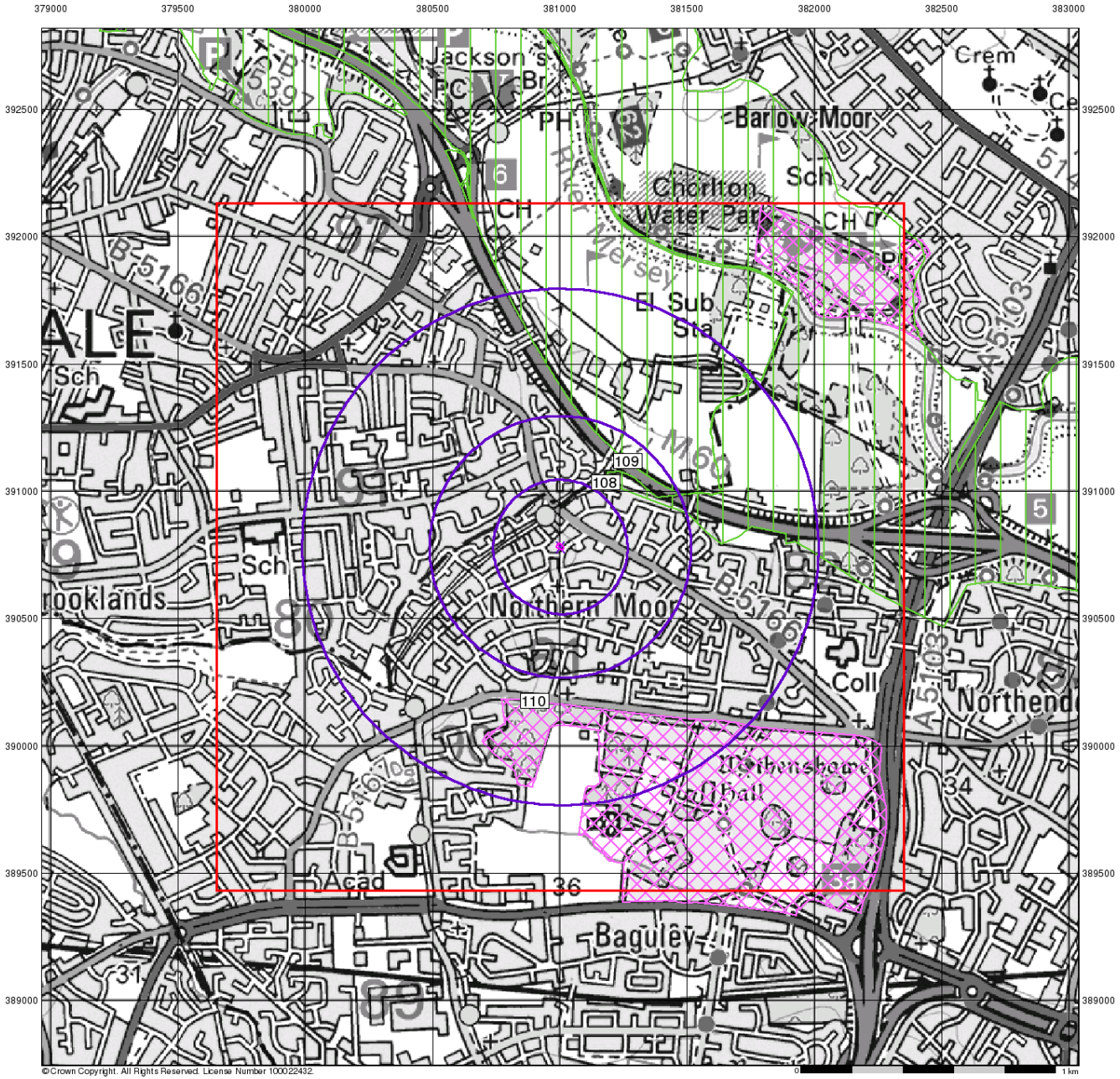
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Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
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Sensitive Land Uses

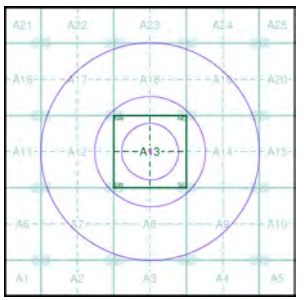
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



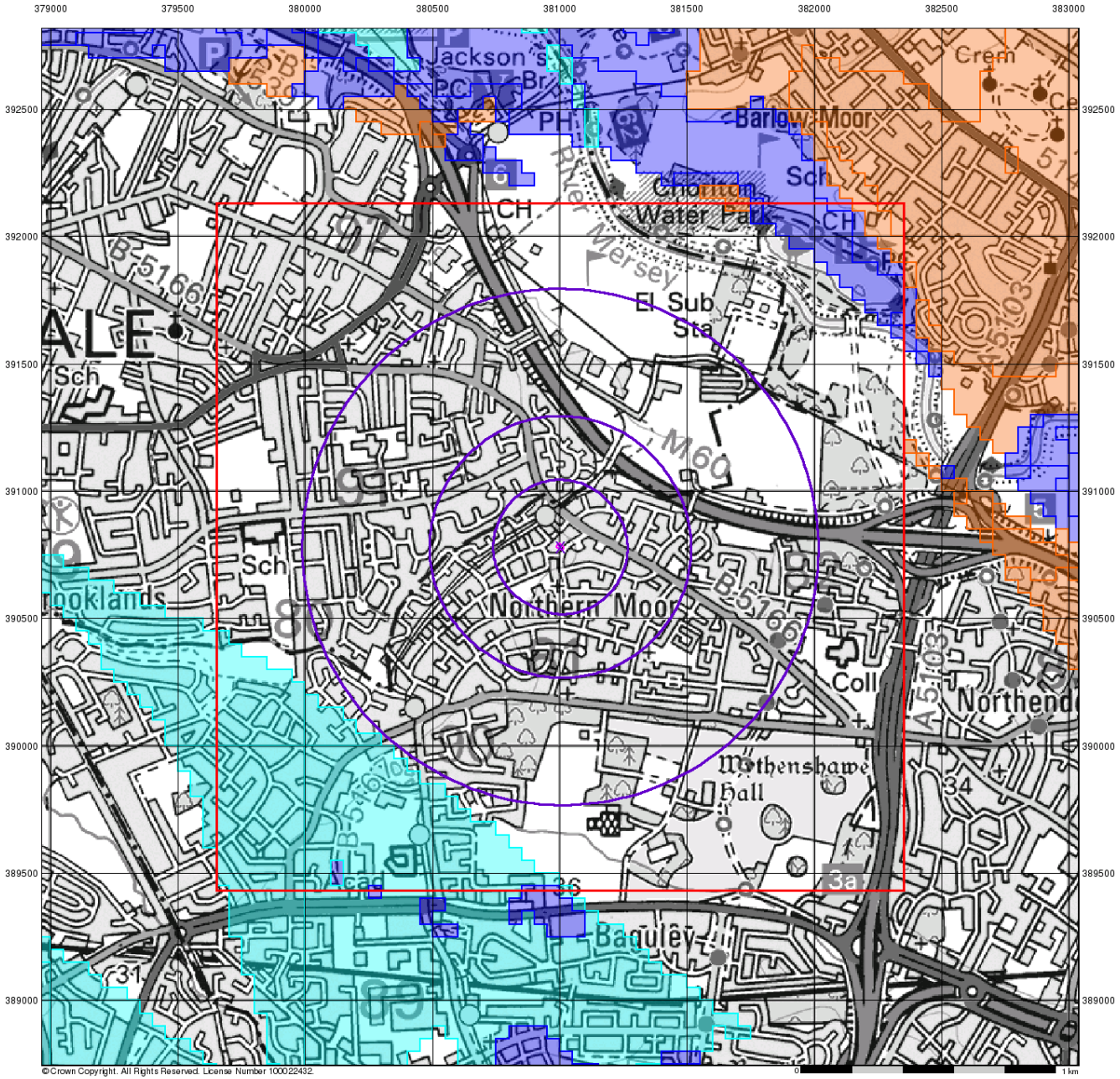
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Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	1000

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BGS Flood GFS Data

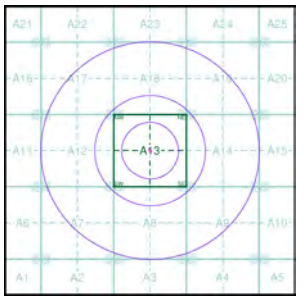
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



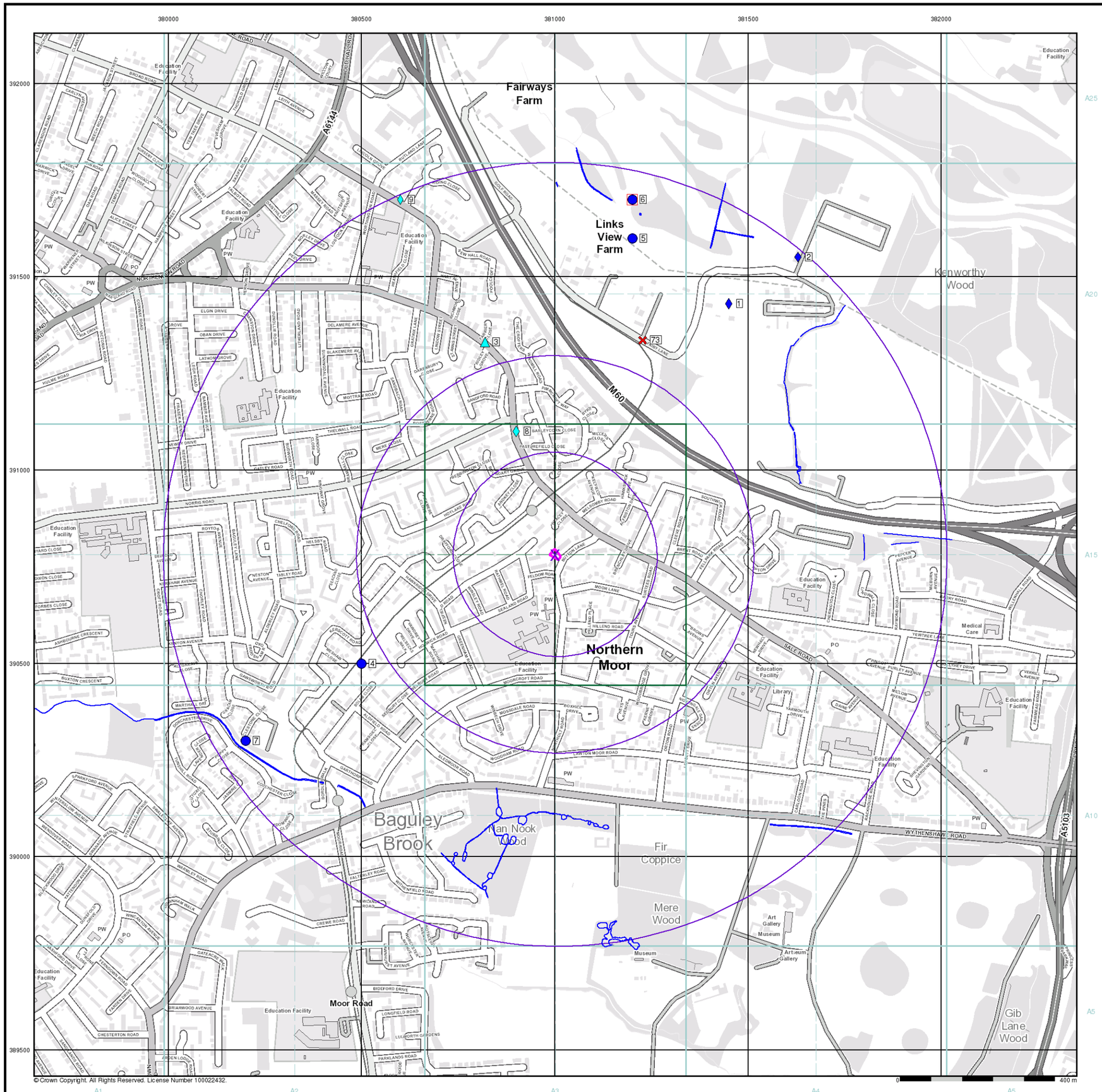
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Order Number:	174770007_1_1
Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	1000

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

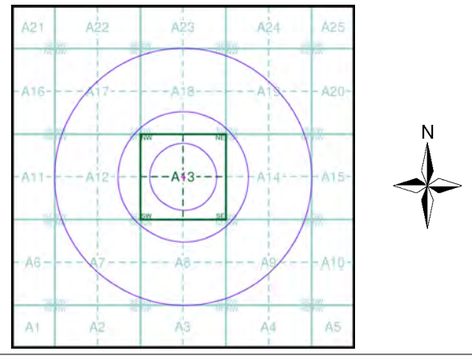
Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice A



Order Details

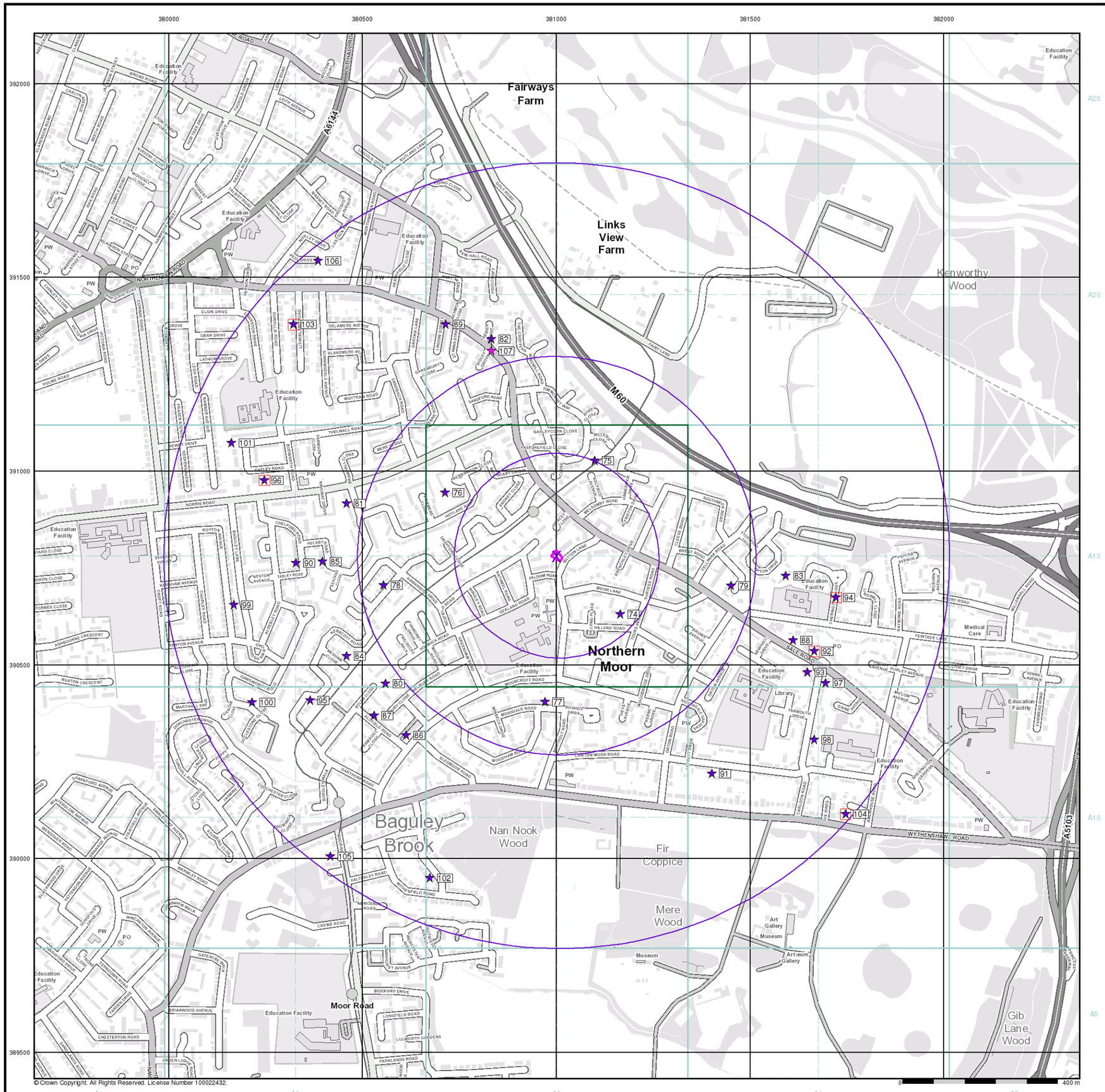
Order Number:	174770007_1_1
Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	1000

Site Details

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Industrial Land Use Map

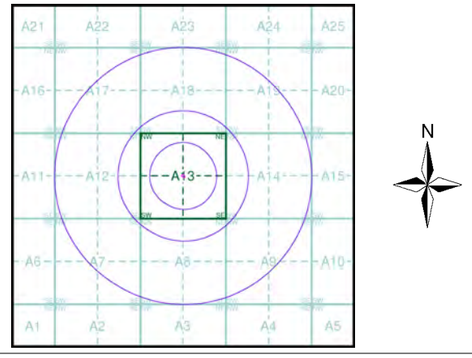
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

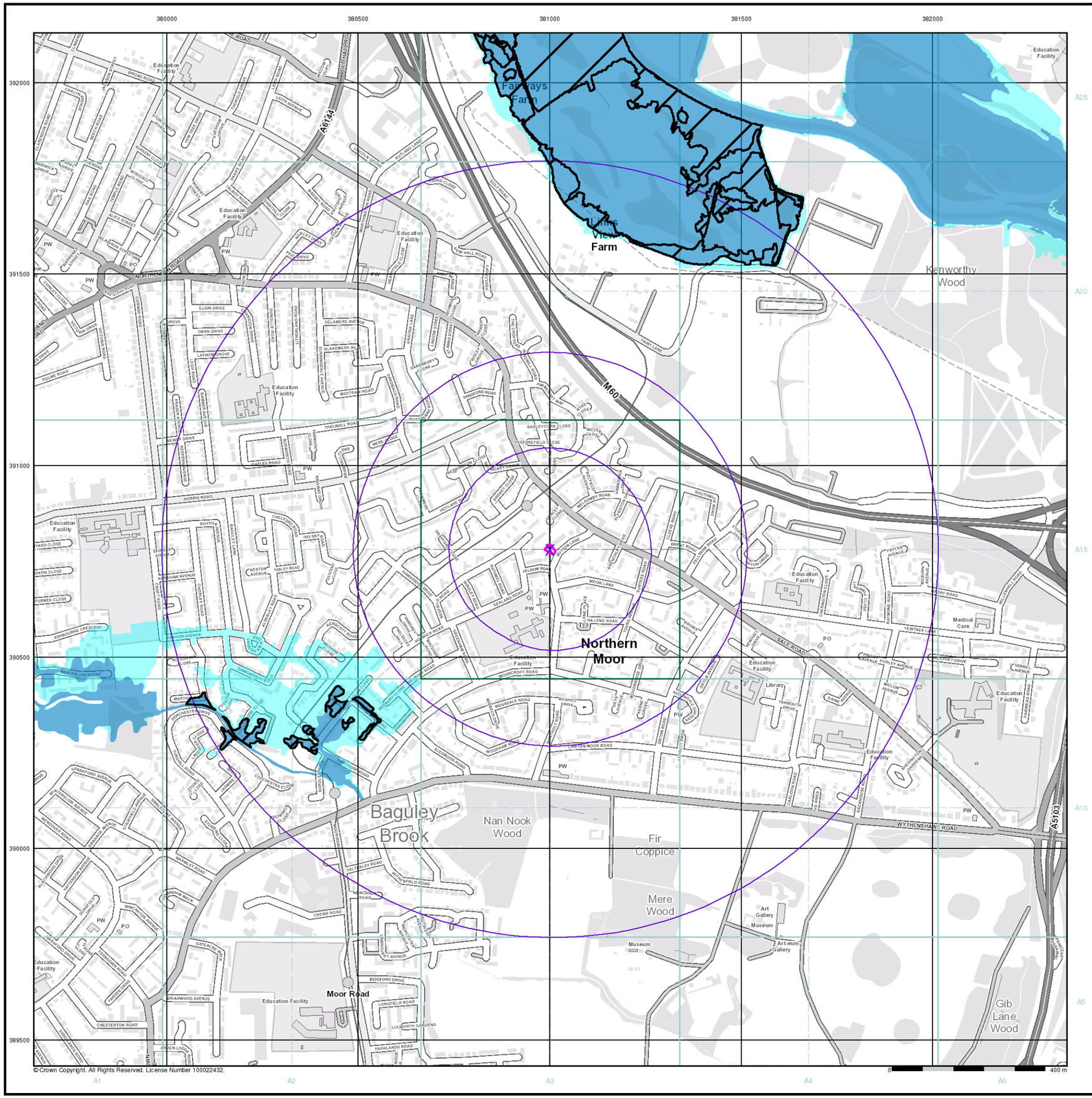
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Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	1000

Site Details

, 23, Button Lane, Manchester, M23 0LZ

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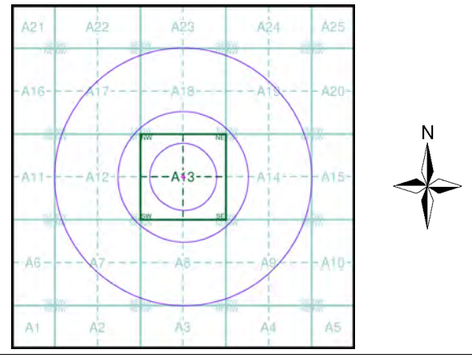
General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

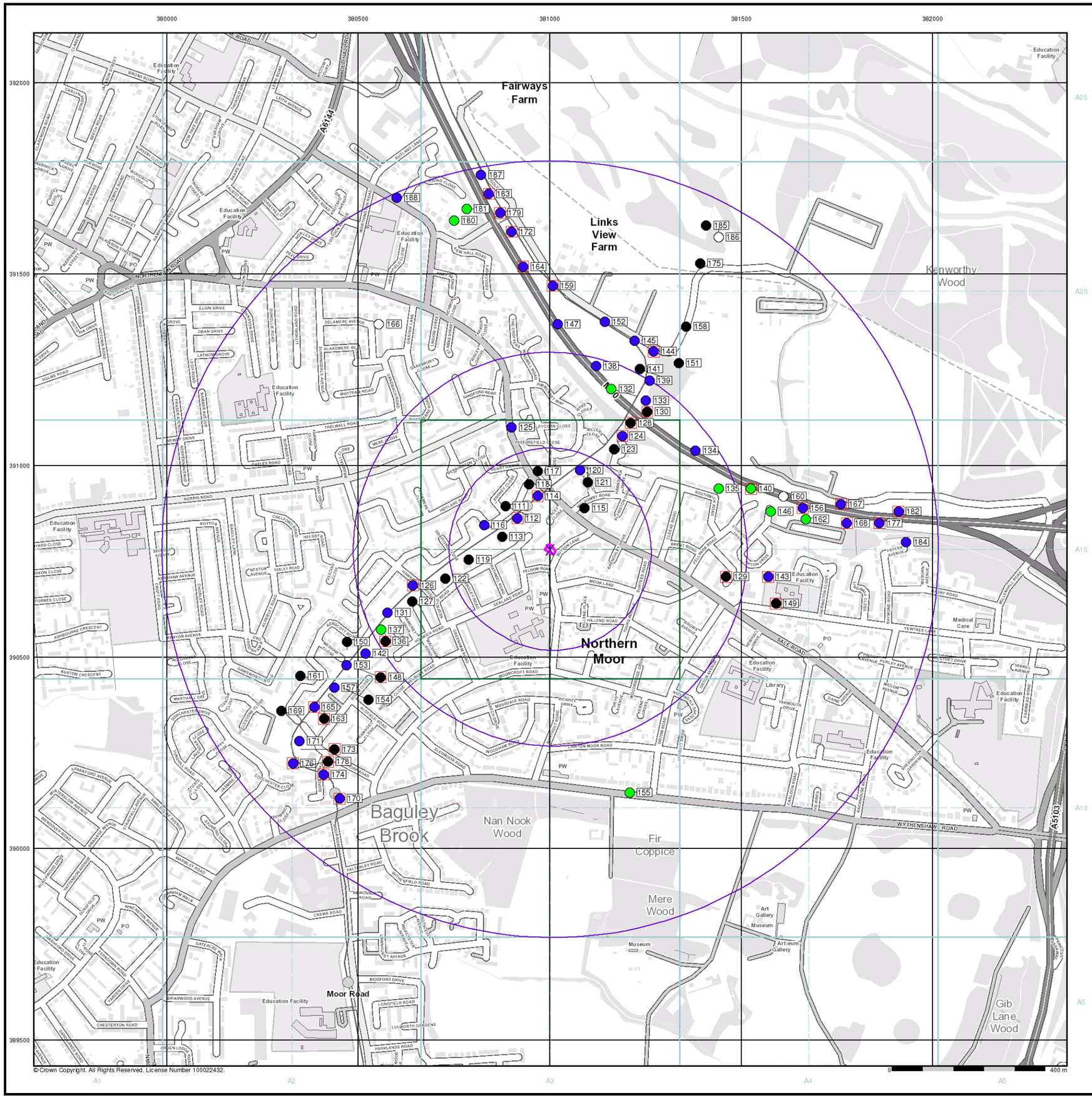
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Search Buffer (m):	1000

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

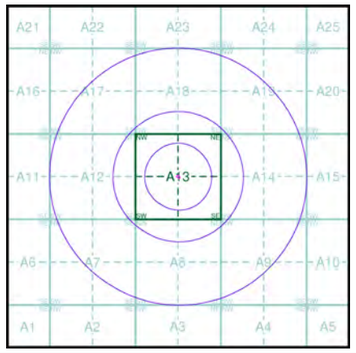
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

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

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

Borehole Map - Slice A



Order Details

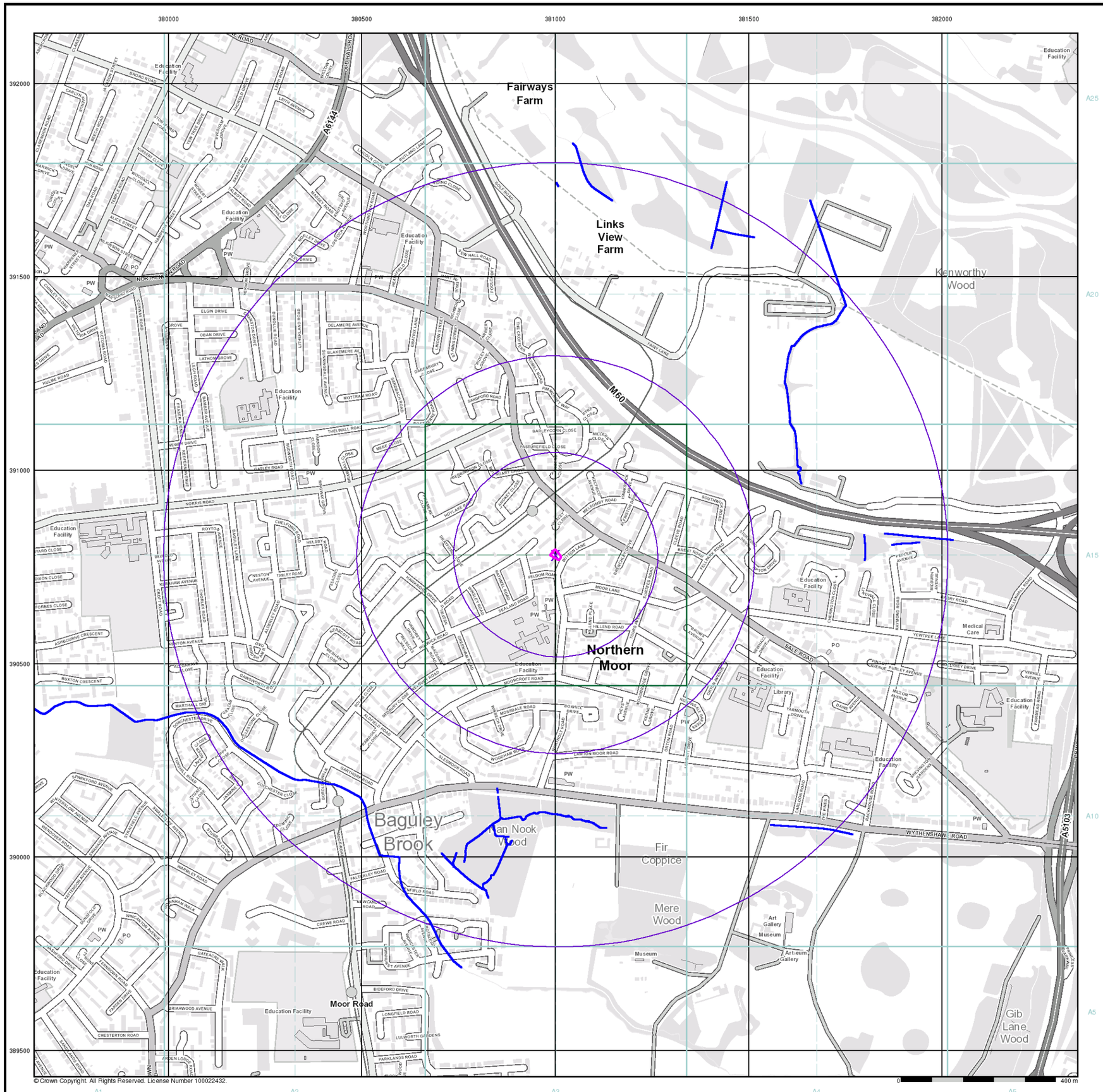
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Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	1000

Site Details

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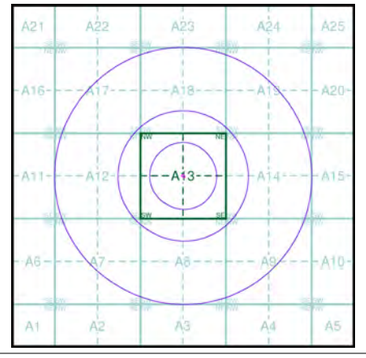
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

OS Water Network Map - Slice A



Order Details

Order Number:	174770007_1_1
Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	1000

Site Details

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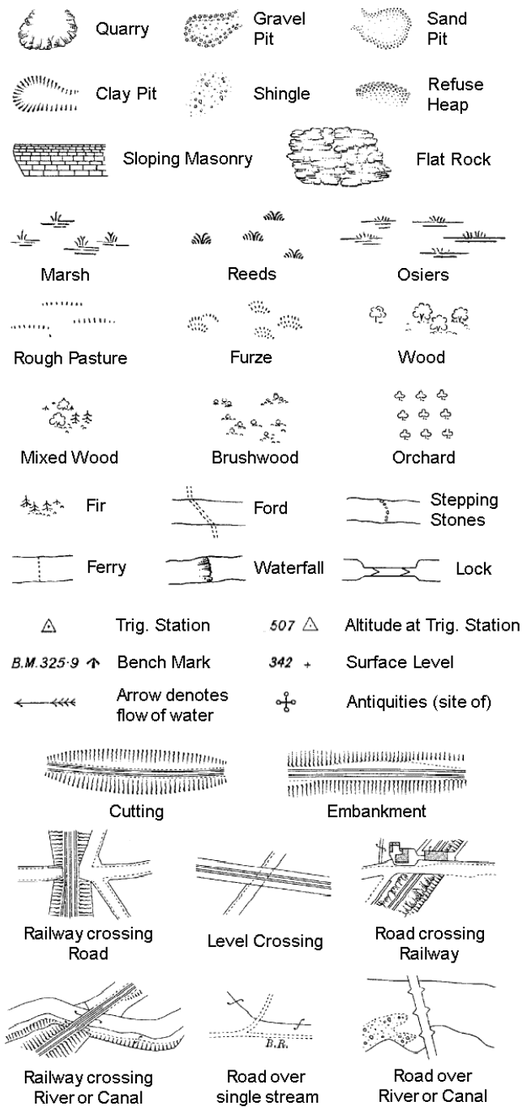
Tel: 0844 844 9952
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APPENDIX C

LANDMARK ENVIROCHECK HISTORICAL MAPS

Historical Mapping Legends

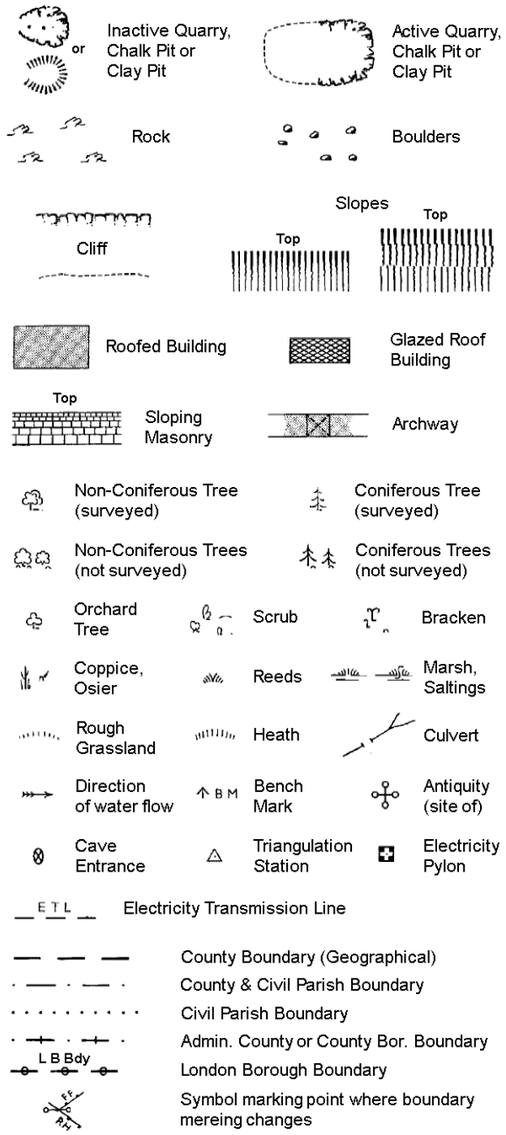
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	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	St.	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

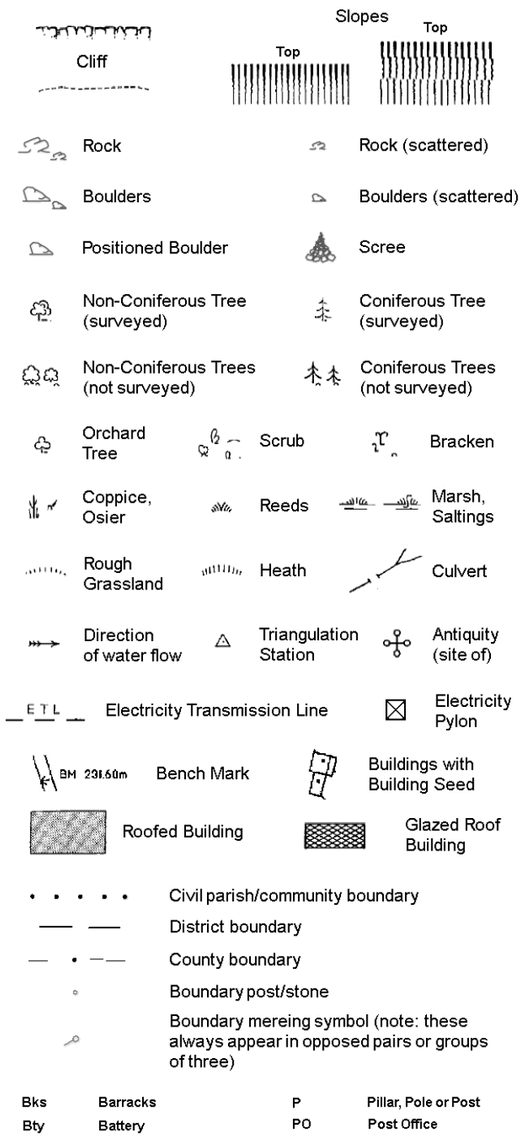
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy 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
El 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



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)

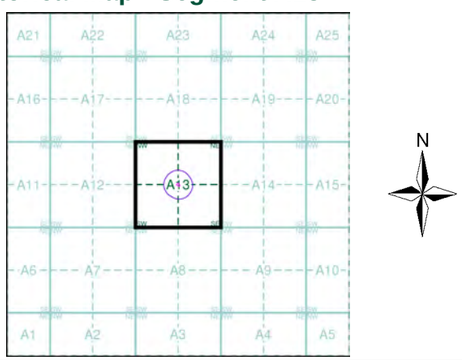
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El 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 Governer	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

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Cheshire	1:2,500	1877	2
Lancashire And Furness	1:2,500	1881	3
Cheshire	1:2,500	1898	4
Lancashire And Furness	1:2,500	1907	5
Cheshire	1:2,500	1910	6
Lancashire And Furness	1:2,500	1922	7
Lancashire And Furness	1:2,500	1935	8
Ordnance Survey Plan	1:2,500	1956	9
Ordnance Survey Plan	1:1,250	1956	10
Additional SIMs	1:1,250	1956 - 1969	11
Ordnance Survey Plan	1:1,250	1964 - 1989	12
Ordnance Survey Plan	1:1,250	1969	13
Ordnance Survey Plan	1:2,500	1970	14
Additional SIMs	1:1,250	1978 - 1990	15
Additional SIMs	1:1,250	1986 - 1987	16
Additional SIMs	1:1,250	1987	17
Ordnance Survey Plan	1:1,250	1989	18
Large-Scale National Grid Data	1:1,250	1992	19

Historical Map - Segment A13



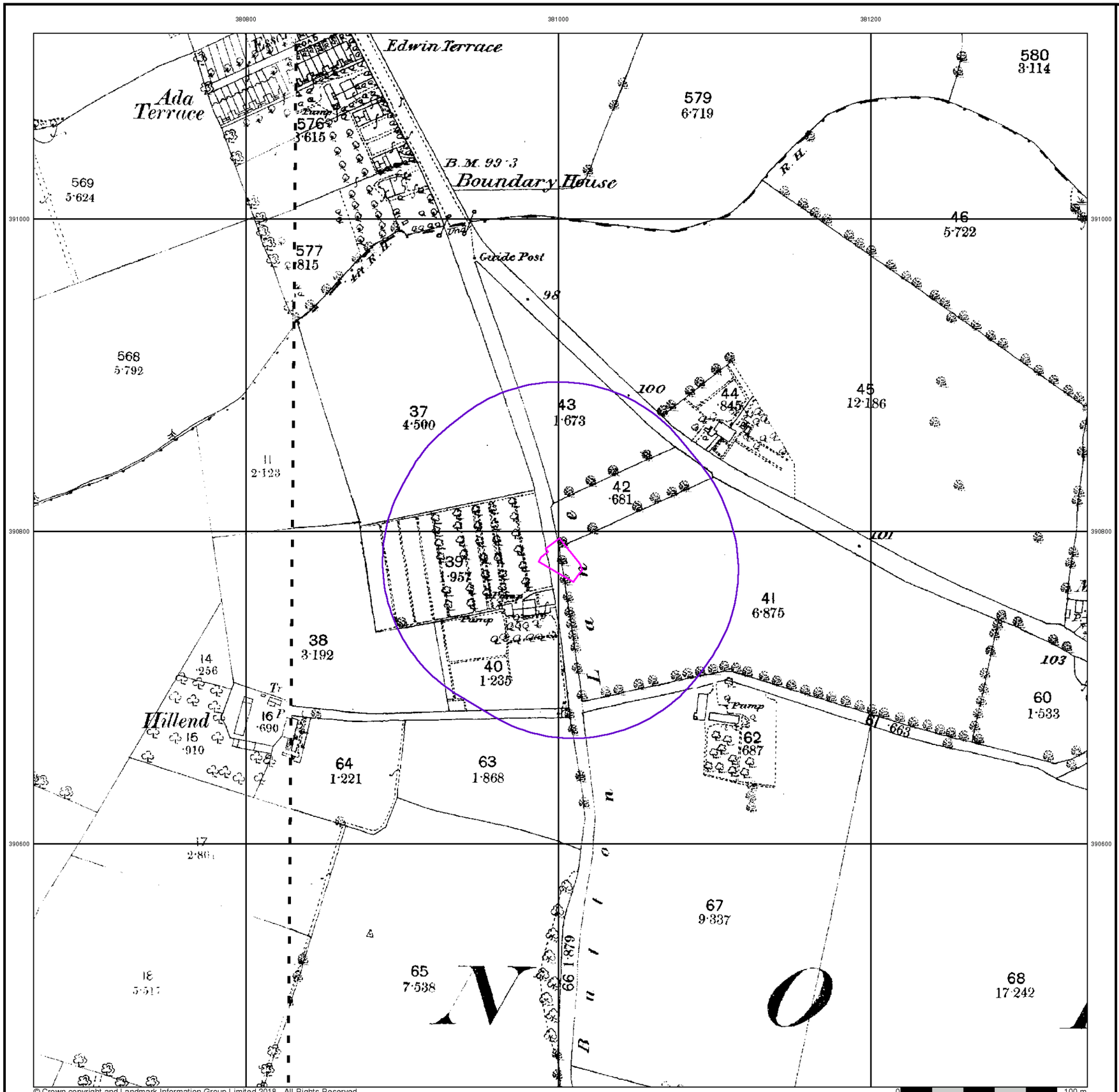
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Order Number:	174770007_1_1
Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	100

Site Details

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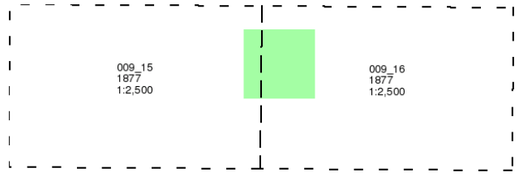
Cheshire

Published 1877

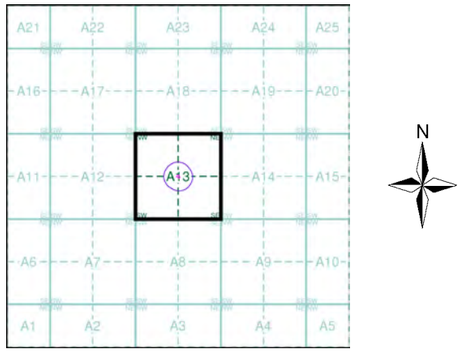
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

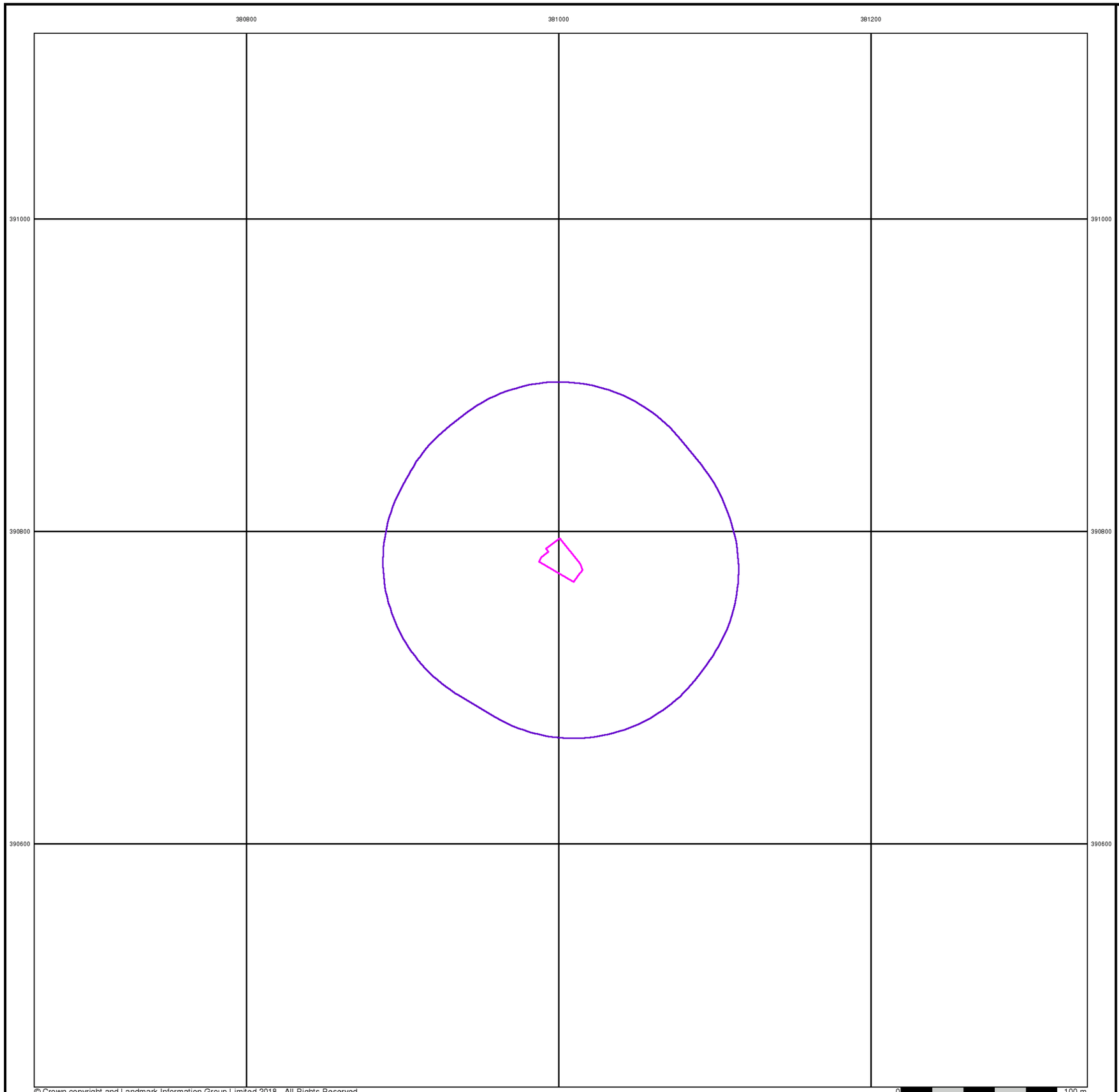
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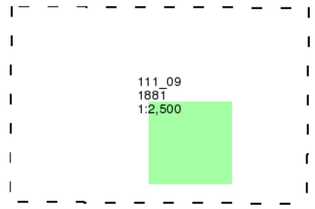
Lancashire And Furness

Published 1881

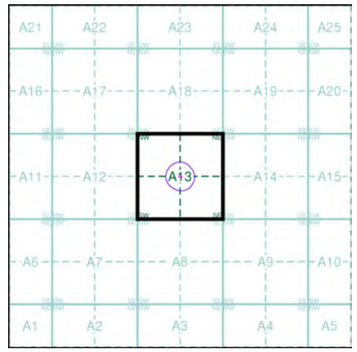
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

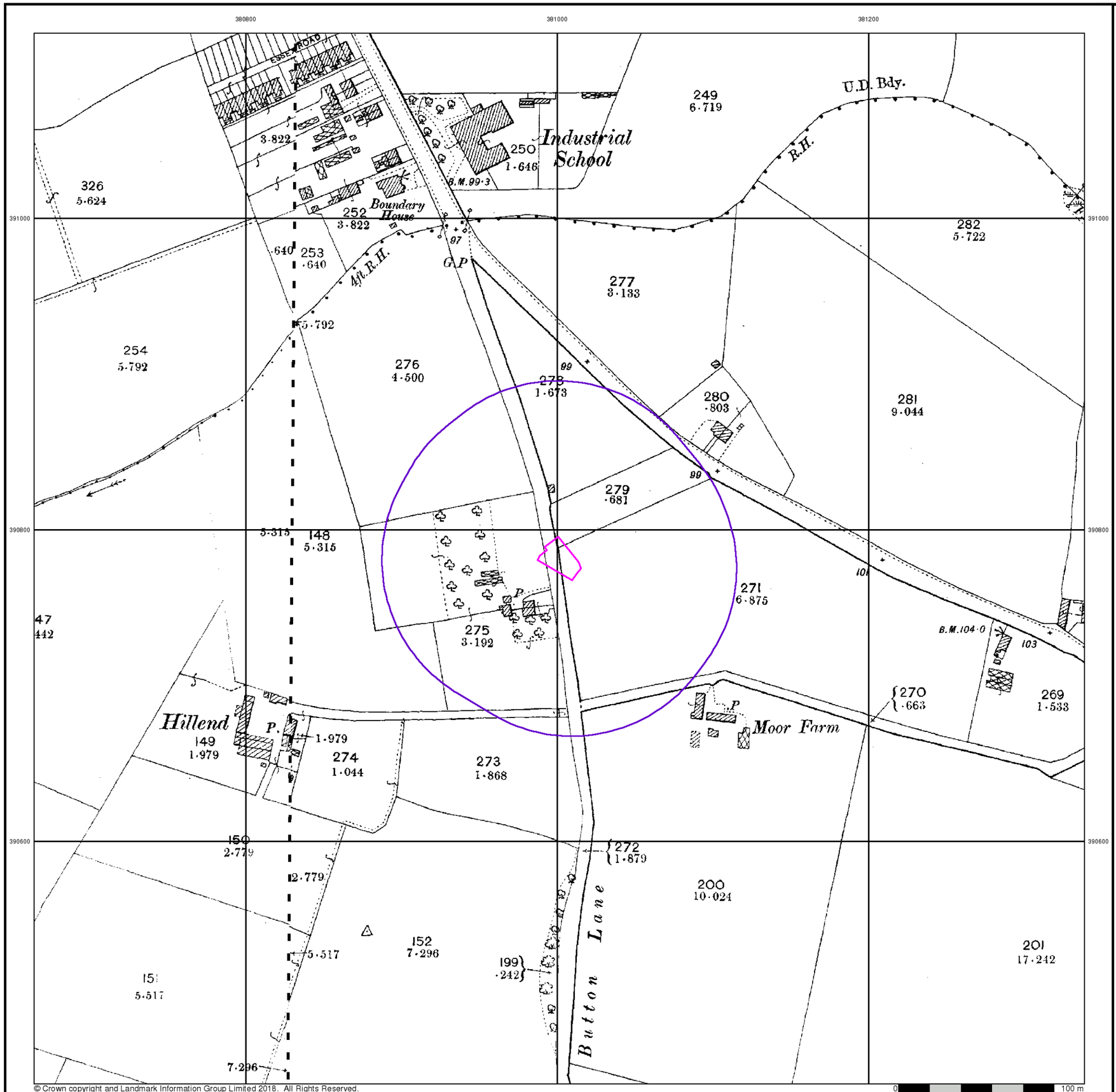
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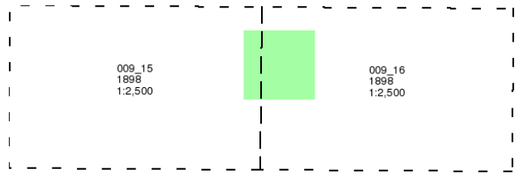
Cheshire

Published 1898

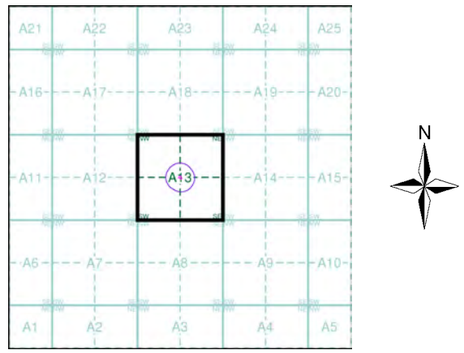
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

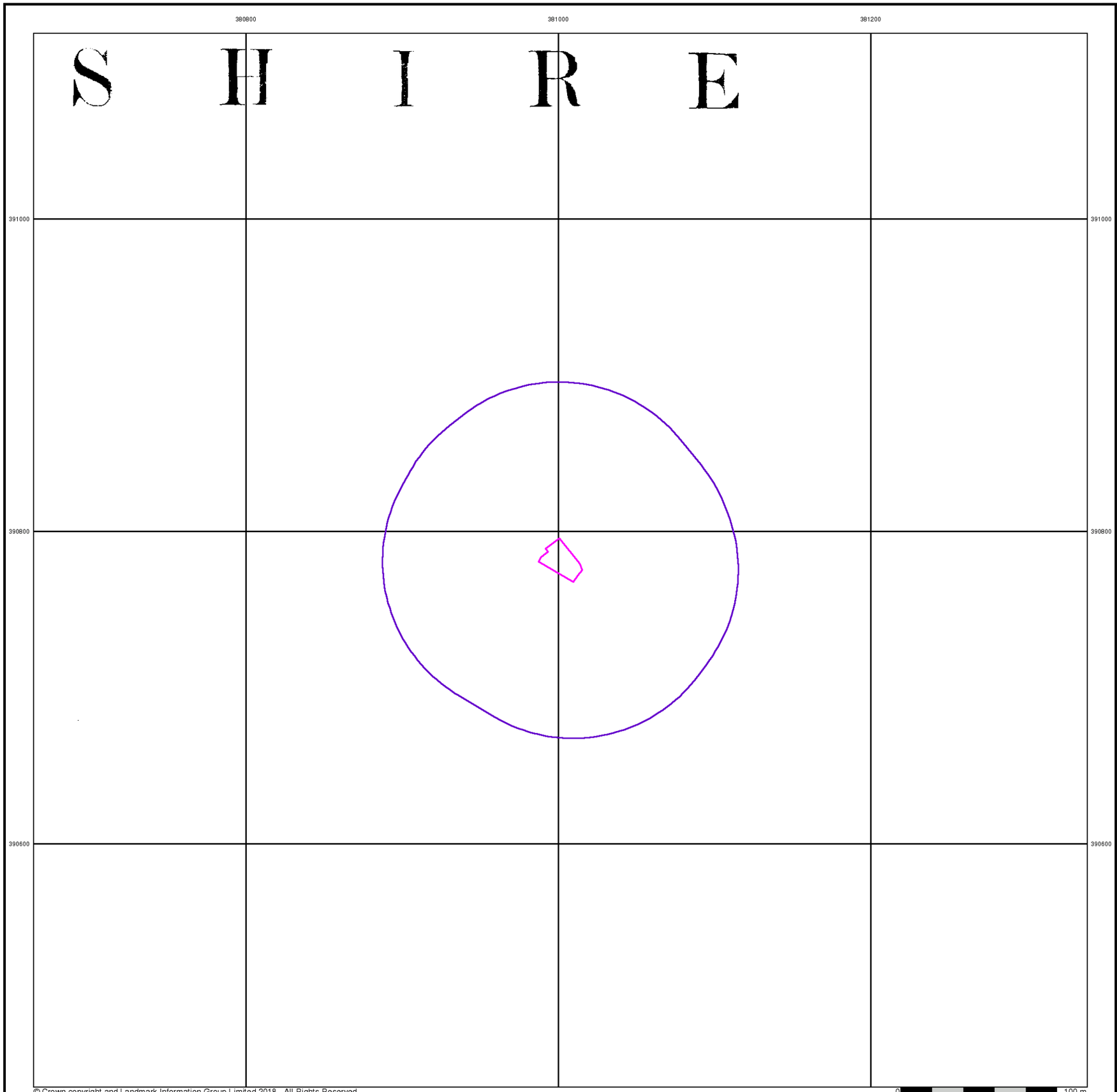
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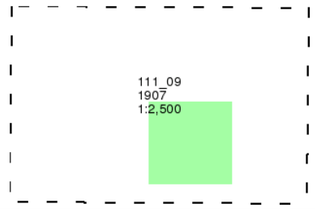
Lancashire And Furness

Published 1907

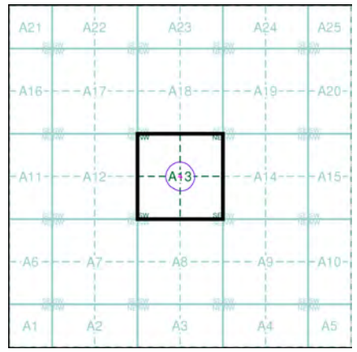
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

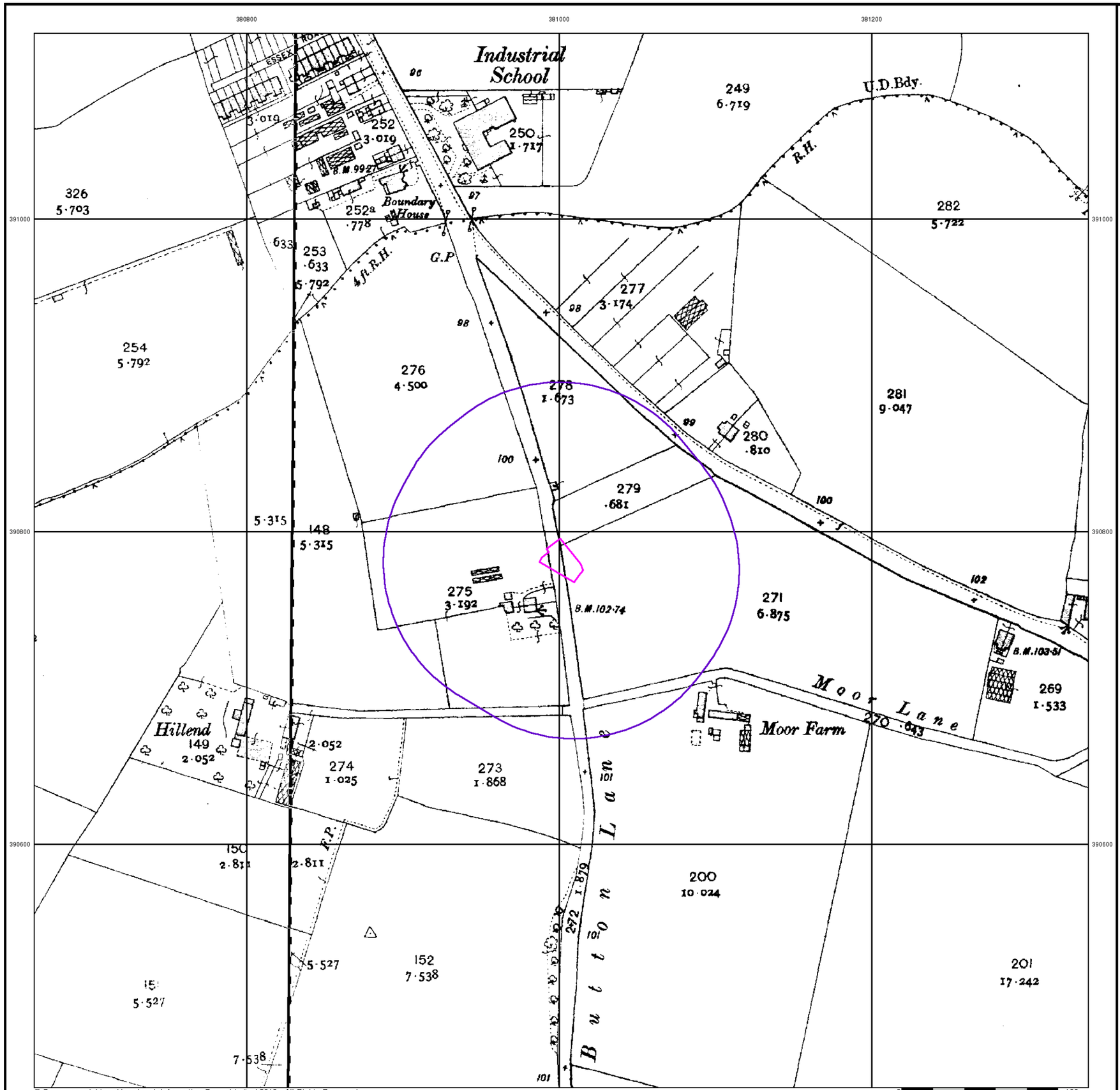
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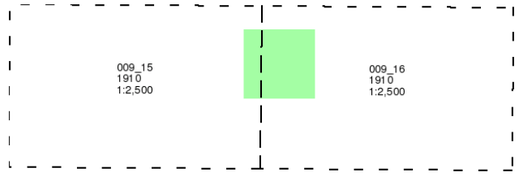
Cheshire

Published 1910

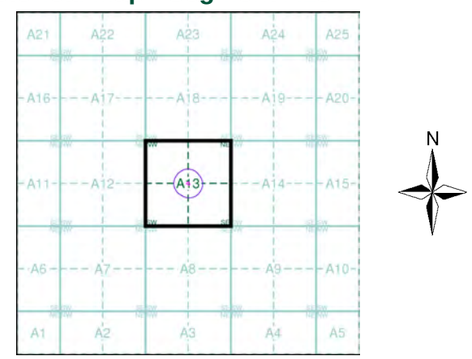
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

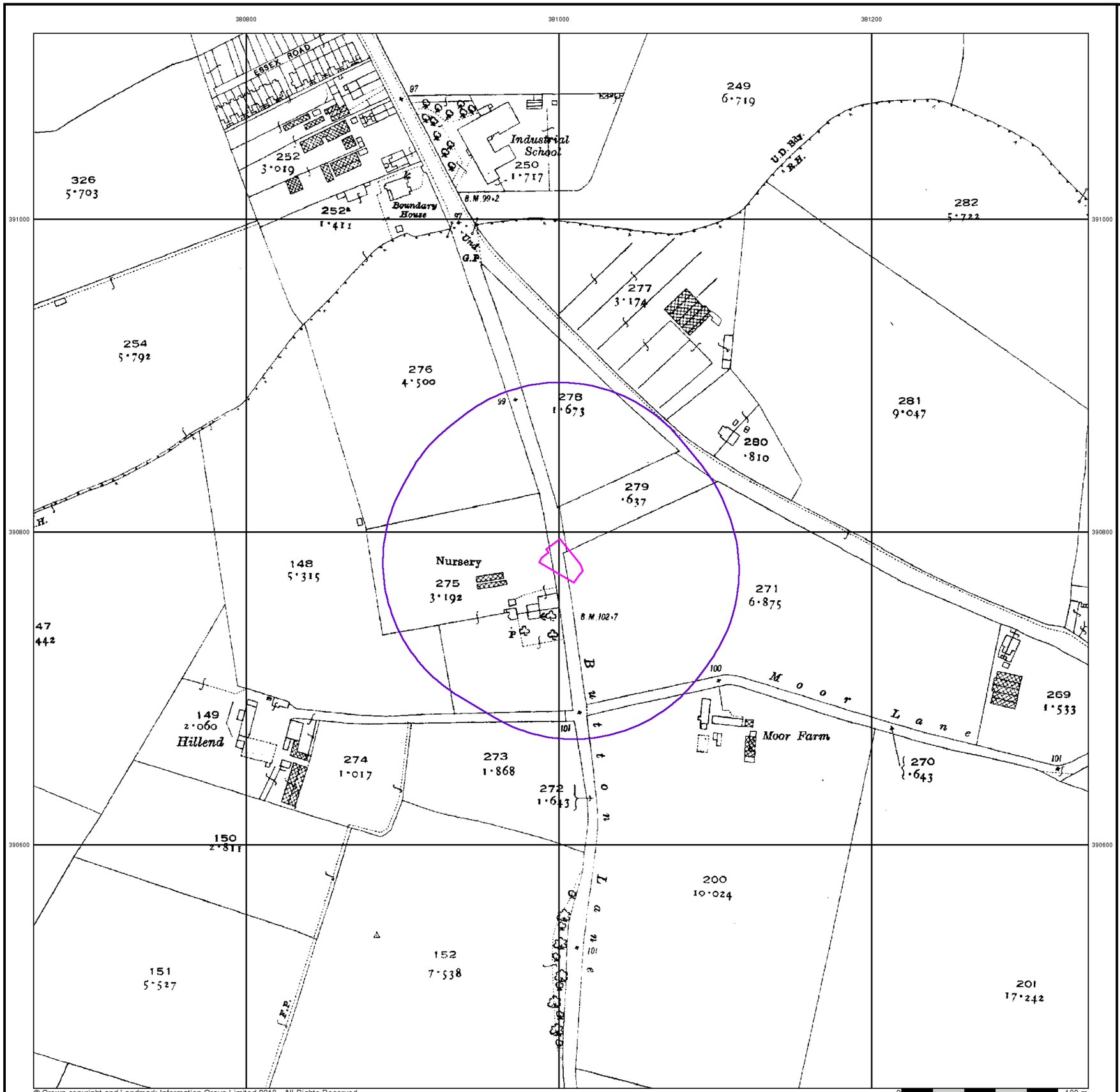
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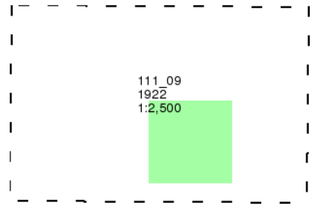
Lancashire And Furness

Published 1922

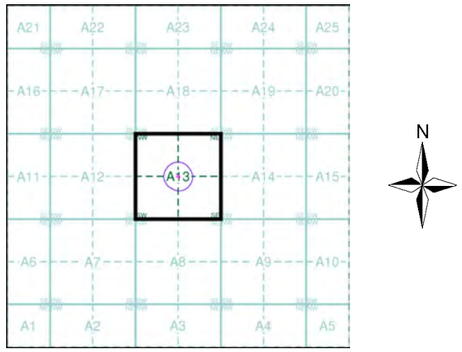
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

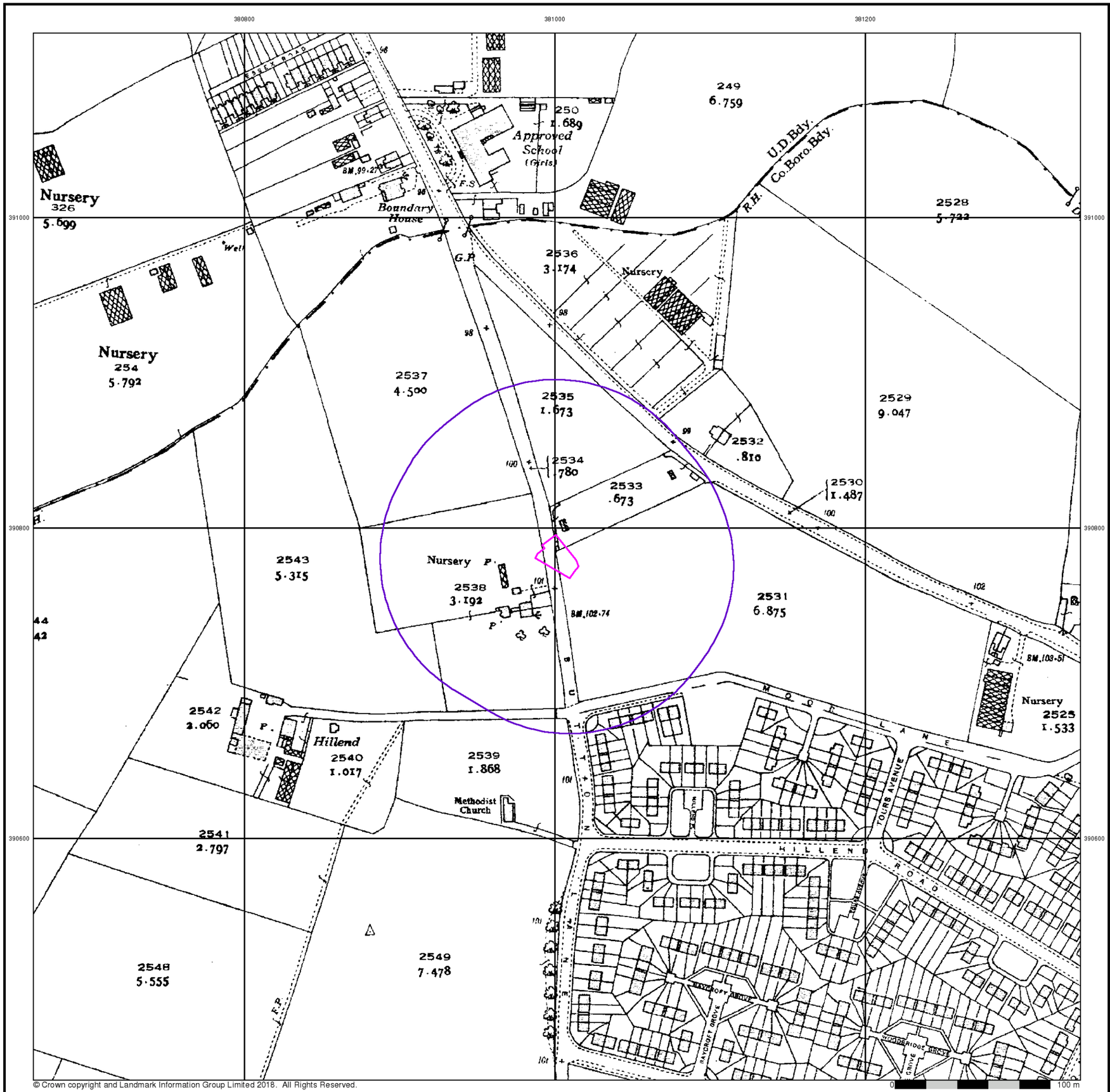
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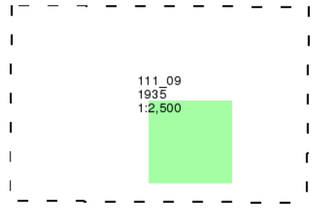
Lancashire And Furness

Published 1935

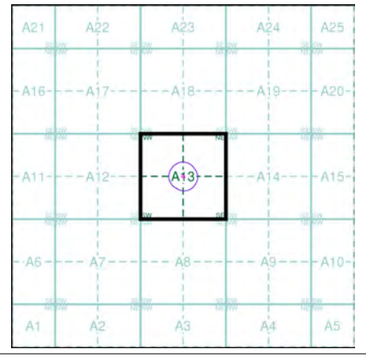
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

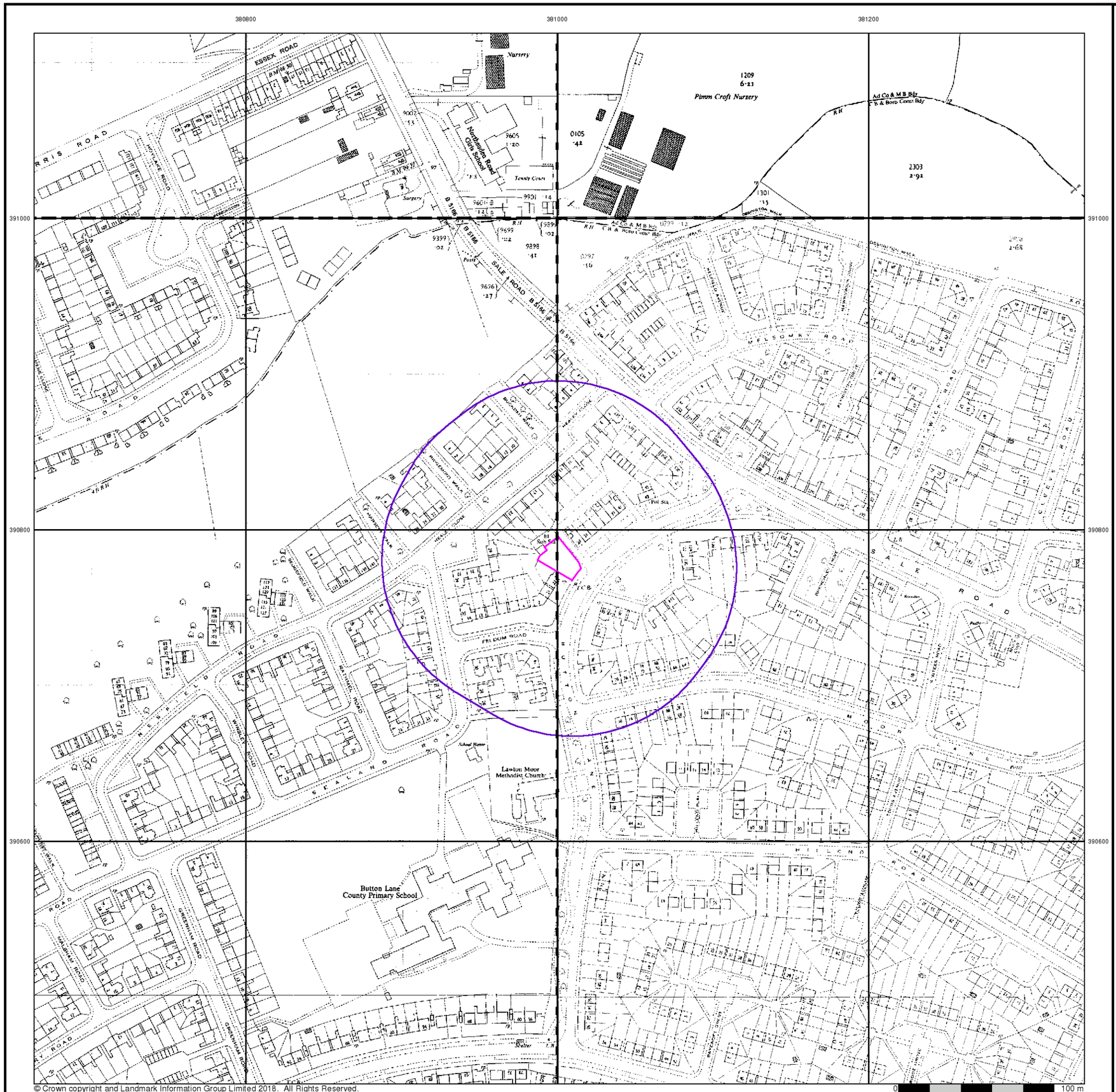
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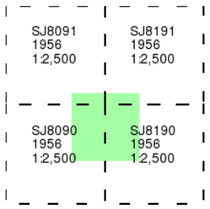
Ordnance Survey Plan

Published 1956

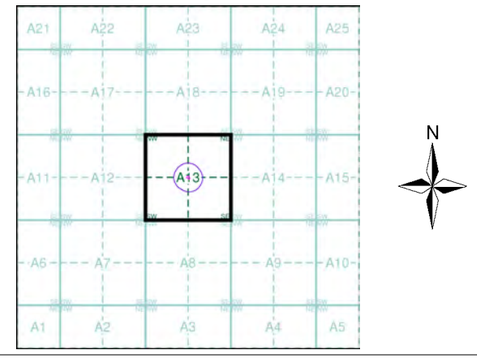
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

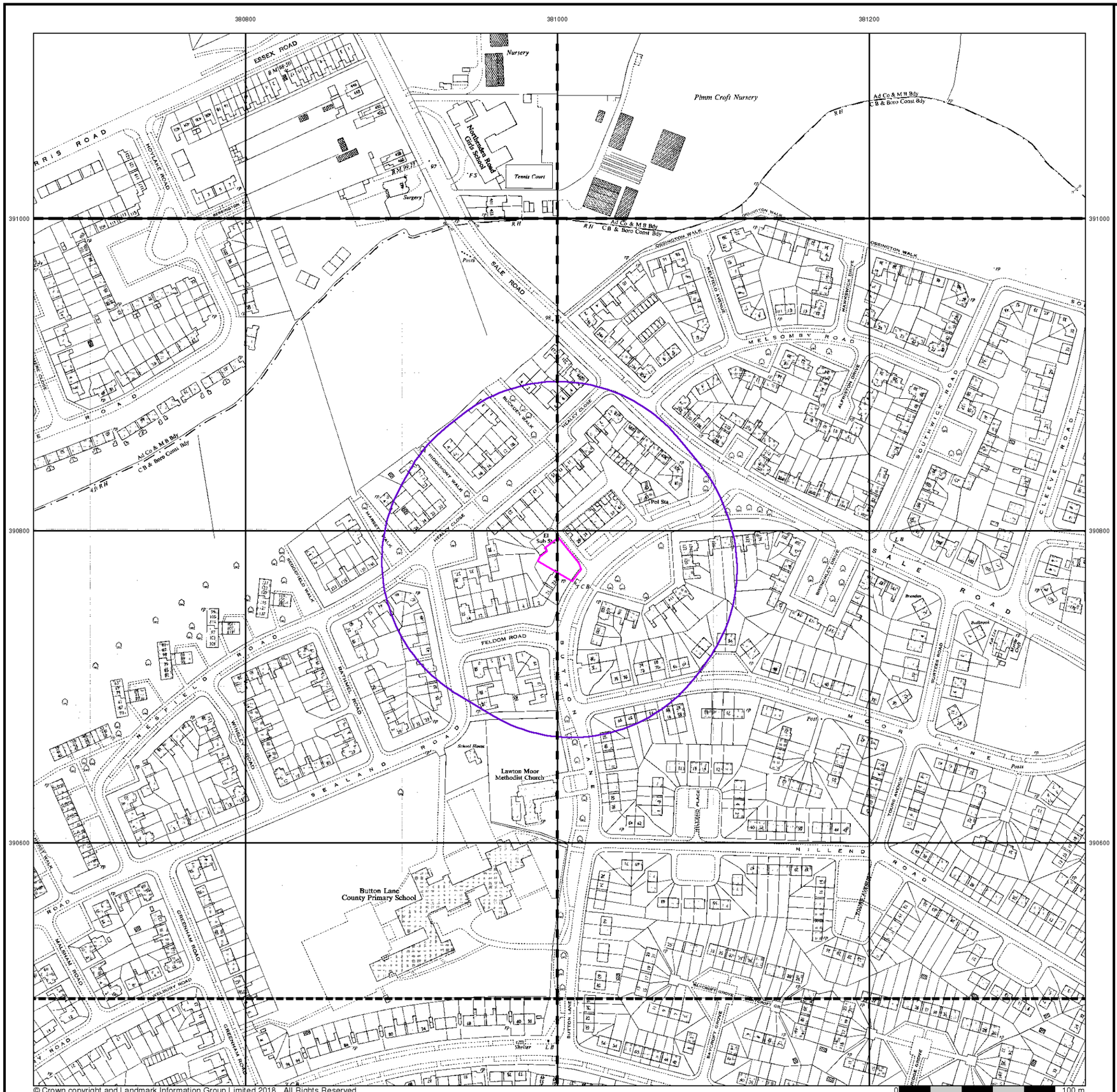
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Ordnance Survey Plan

Published 1956

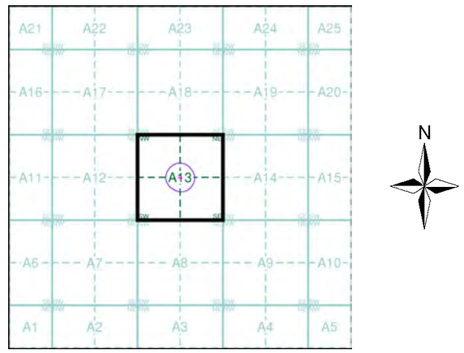
Source map scale - 1:1,250

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Map Name(s) and Date(s)

SJ8091SE 1956 1:1,250	SJ8191SW 1956 1:1,250
SJ8090NE 1956 1:1,250	SJ8190NW 1956 1:1,250
SJ8090SE 1956 1:1,250	SJ8190SW 1956 1:1,250

Historical Map - Segment A13



Order Details

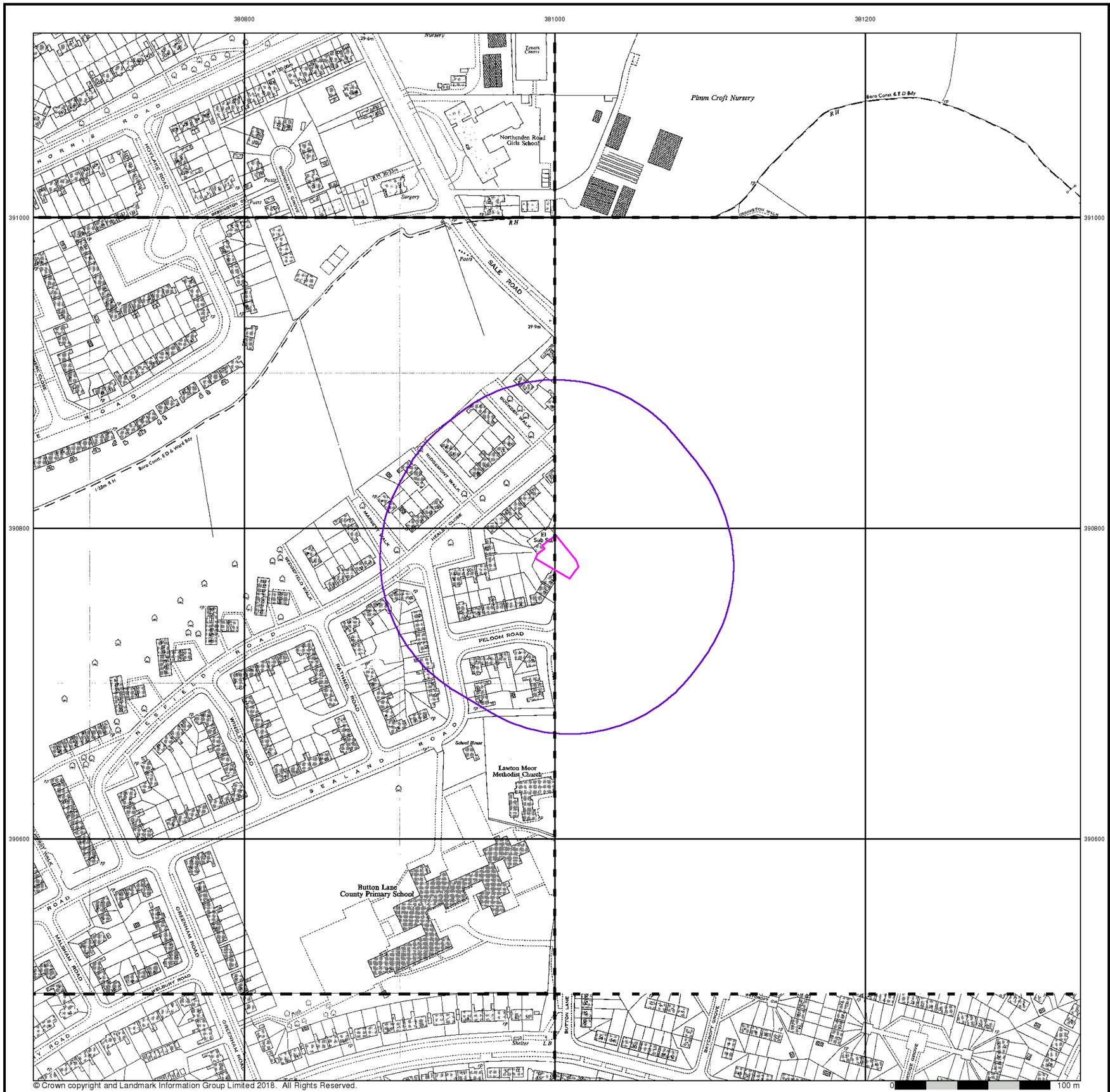
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Additional SIMs

Published 1956 - 1969

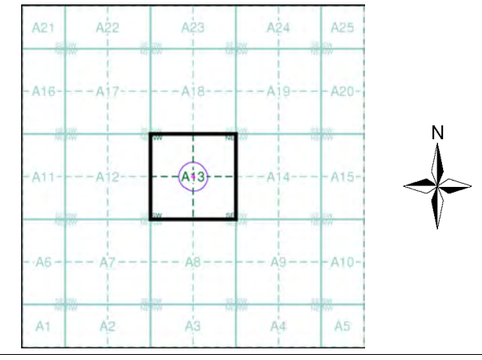
Source map scale - 1:1,250

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)

SJ8091SE 1969 1:1,250
SJ8191SW 1956 1:1,250
SJ8090NE 1956 1:1,250
SJ8090SE 1967 1:1,250
SJ8190SW 1956 1:1,250

Historical Map - Segment A13



Order Details

Order Number:	174770007_1_1
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Search Buffer (m):	100

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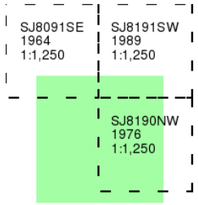
Ordnance Survey Plan

Published 1964 - 1989

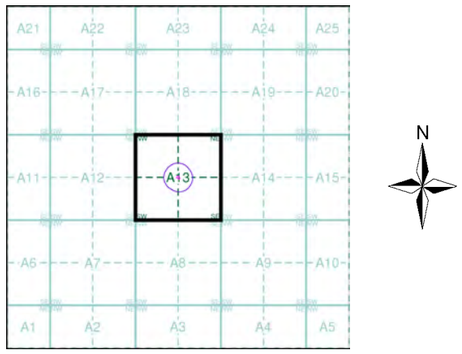
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

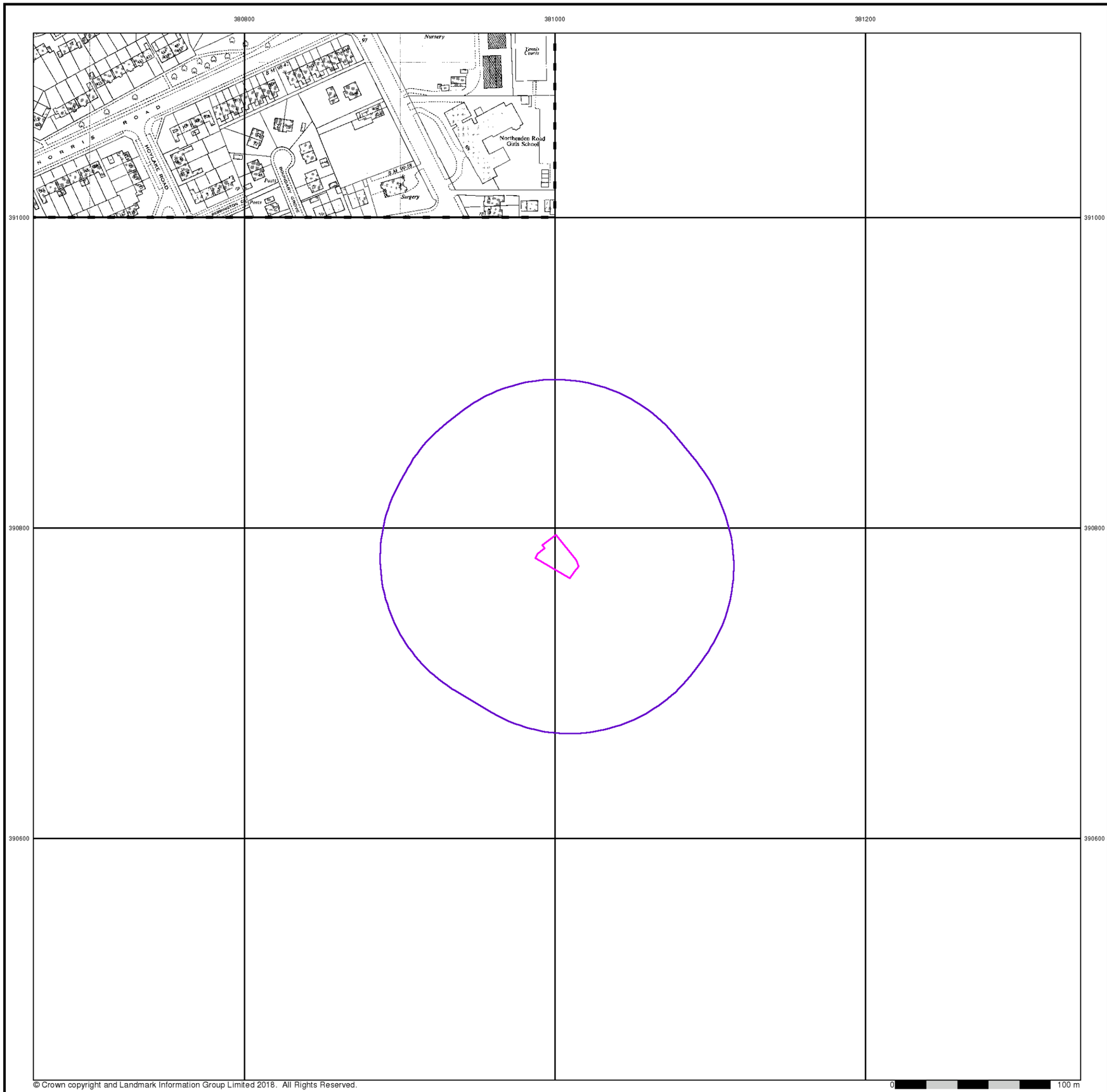
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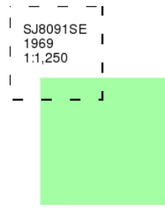
Ordnance Survey Plan

Published 1969

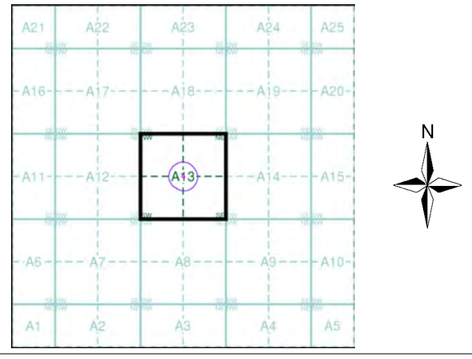
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



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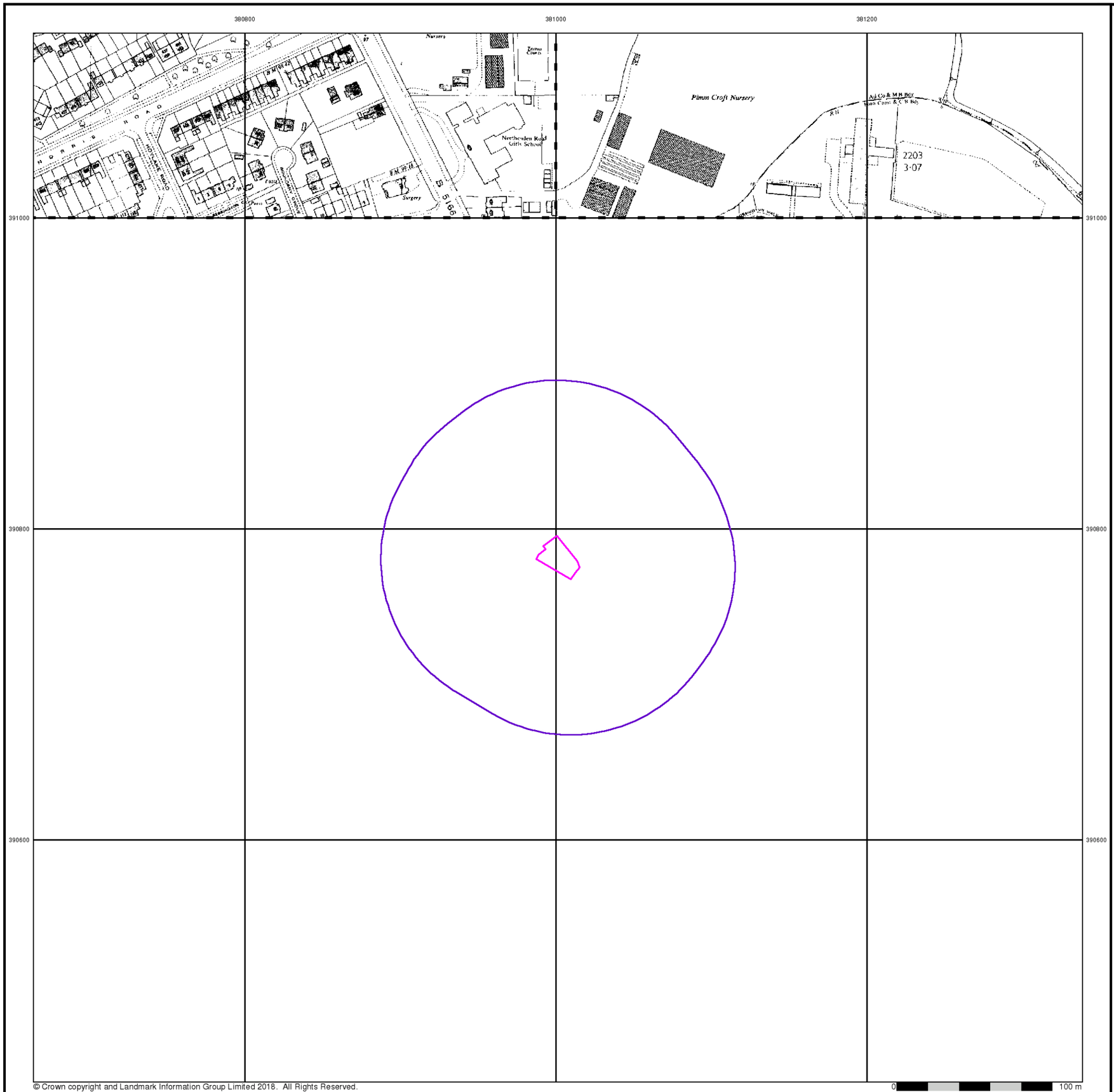
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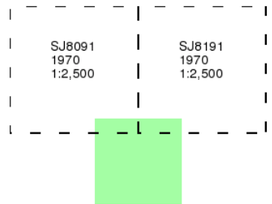
Ordnance Survey Plan

Published 1970

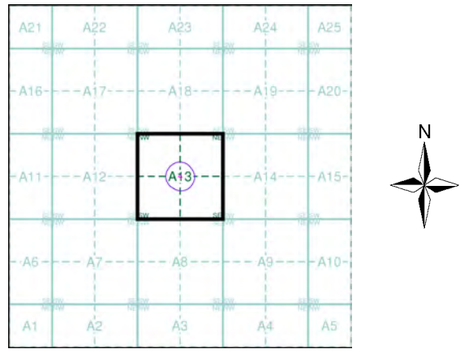
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 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



Order Details

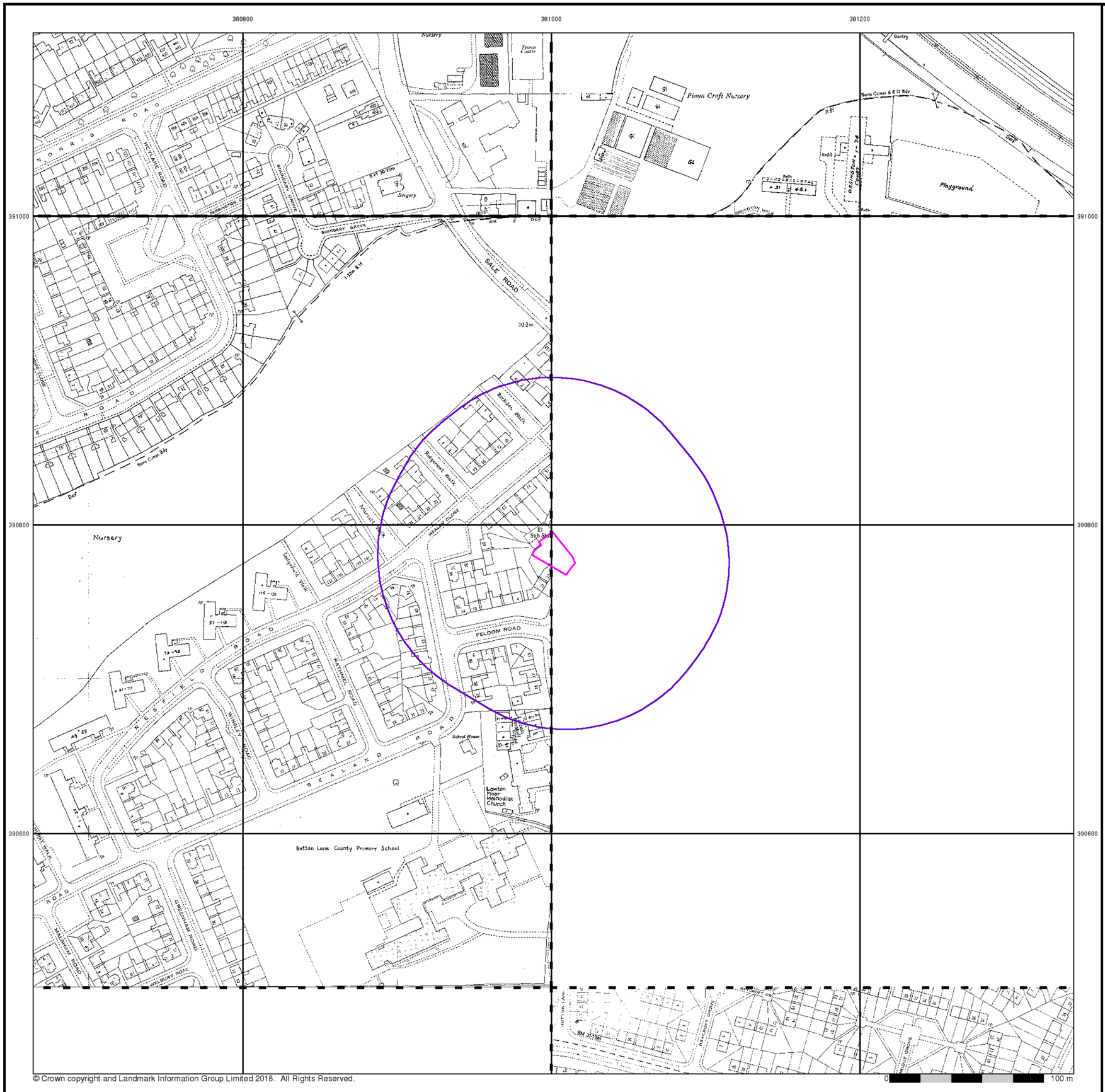
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Additional SIMs

Published 1978 - 1990

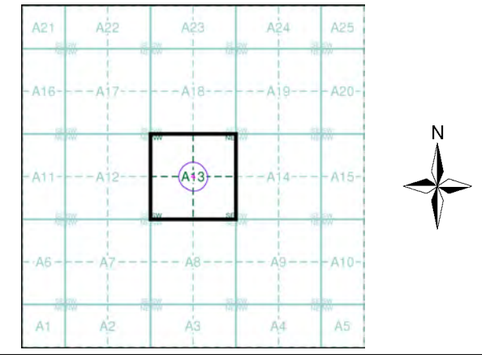
Source map scale - 1:1,250

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Map Name(s) and Date(s)

SJ8091SE 1985 1:1,250
SJ8191SW 1978 1:1,250
SJ8090NE 1989 1:1,250
SJ8190SW 1990 1:1,250

Historical Map - Segment A13



Order Details

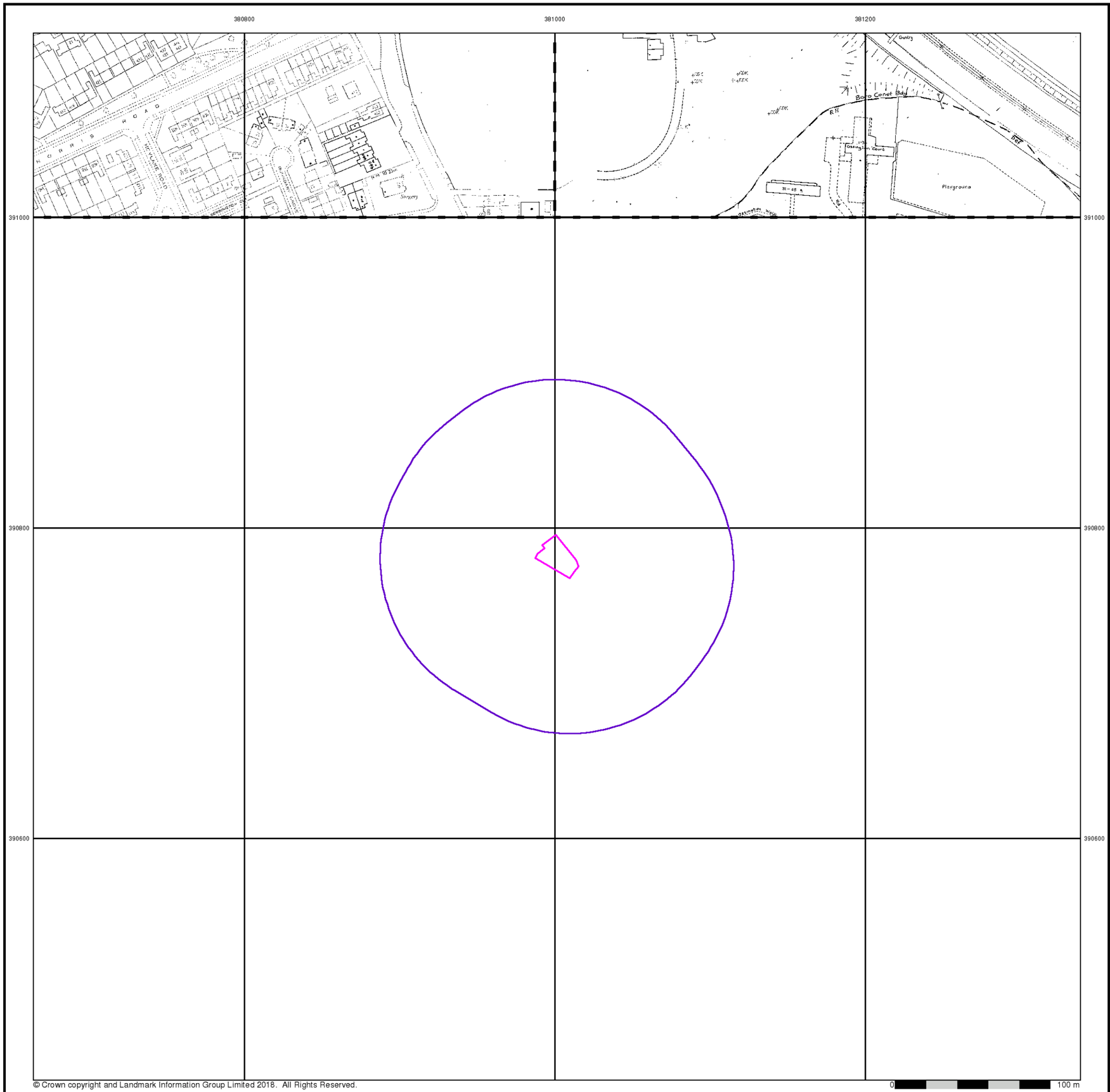
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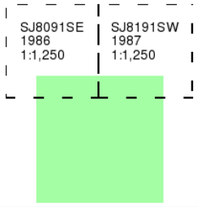
Additional SIMs

Published 1986 - 1987

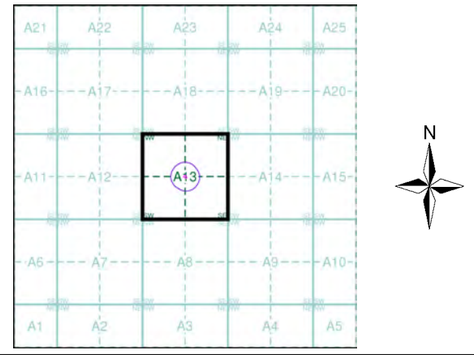
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

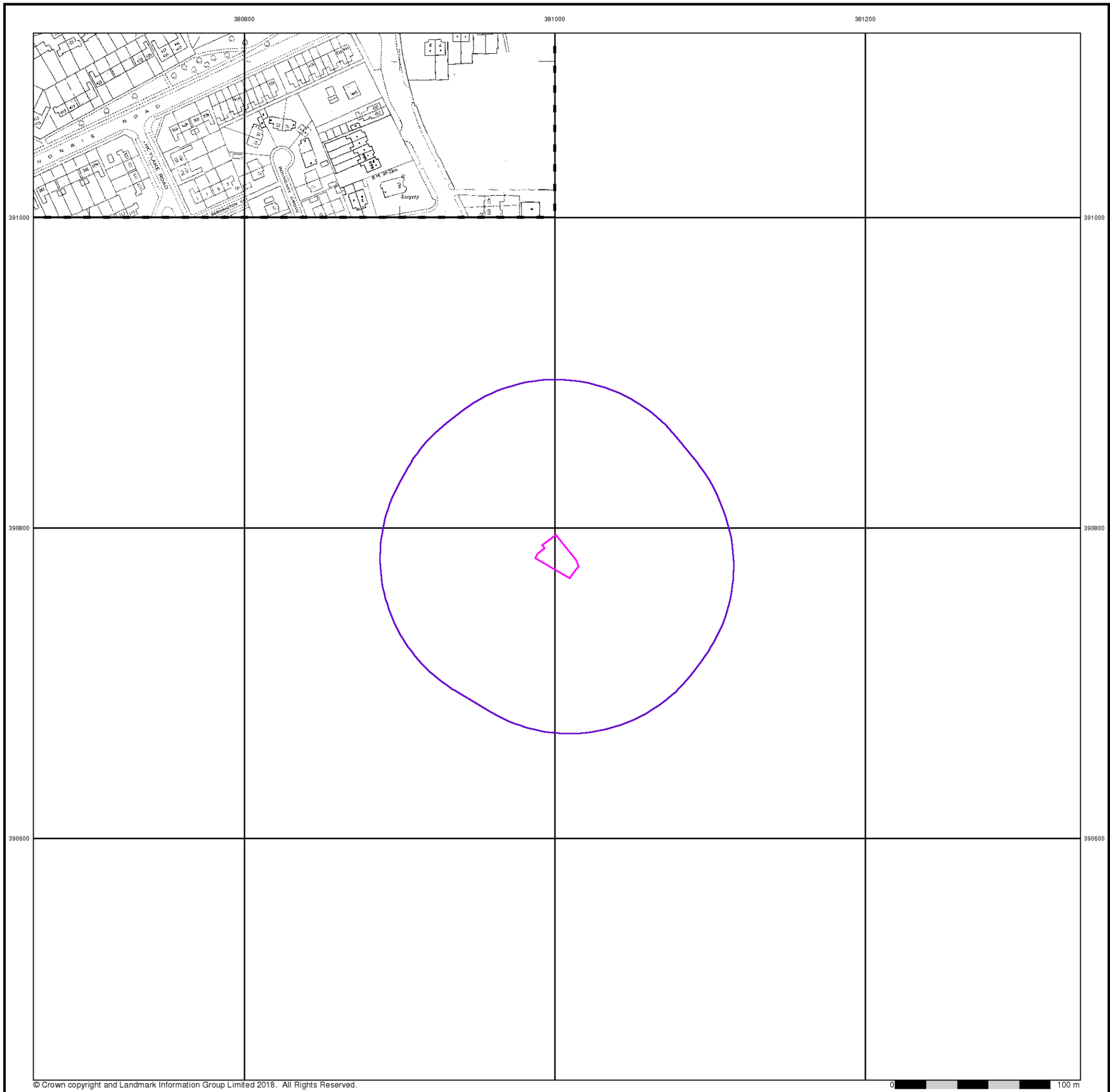
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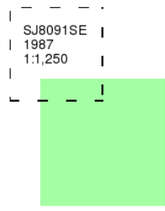
Additional SIMs

Published 1987

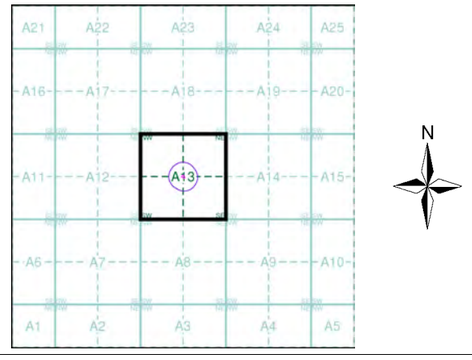
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

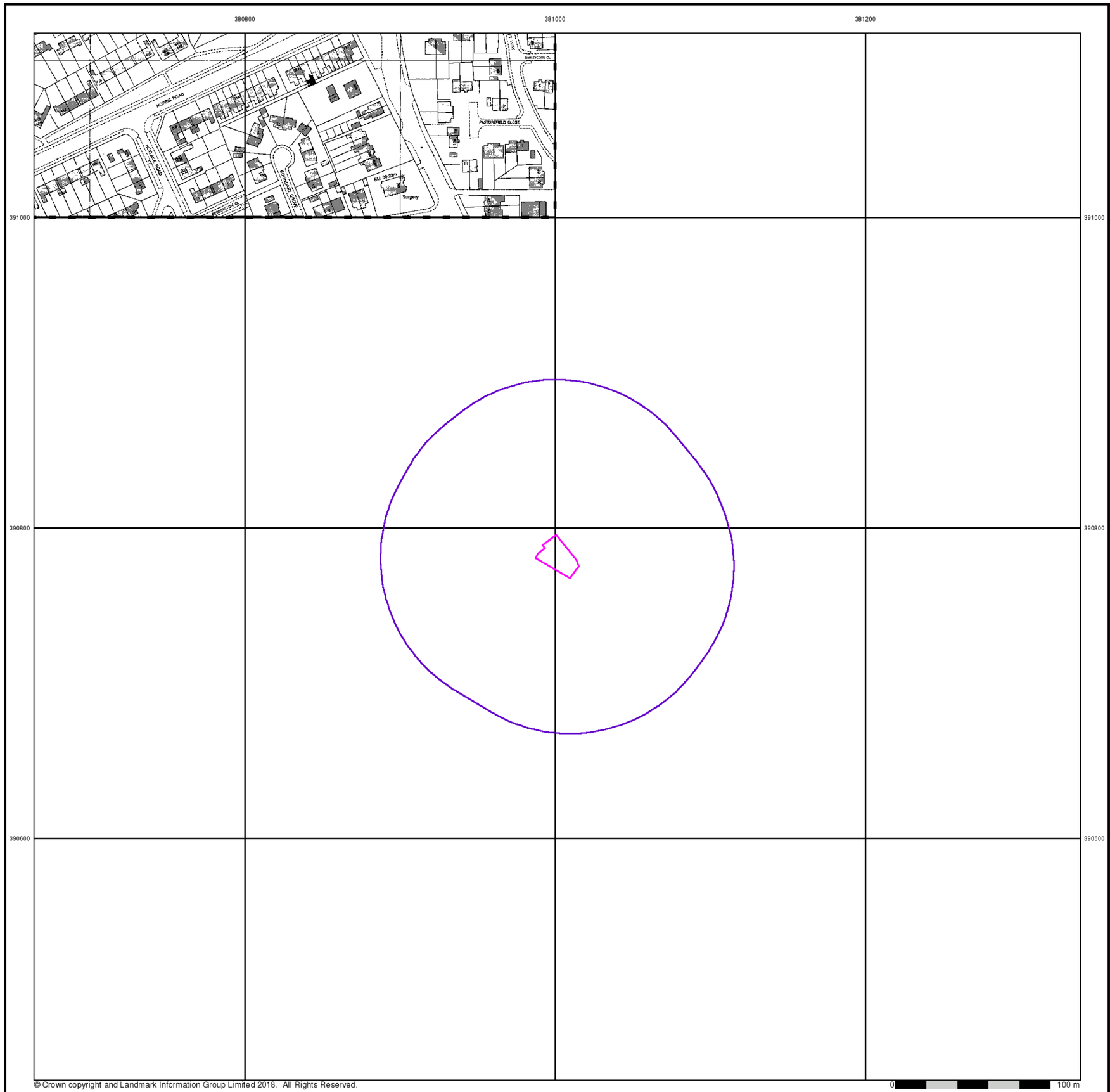
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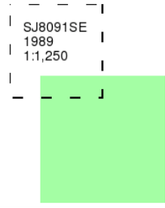
Ordnance Survey Plan

Published 1989

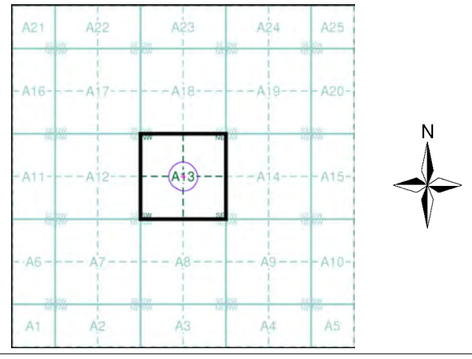
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

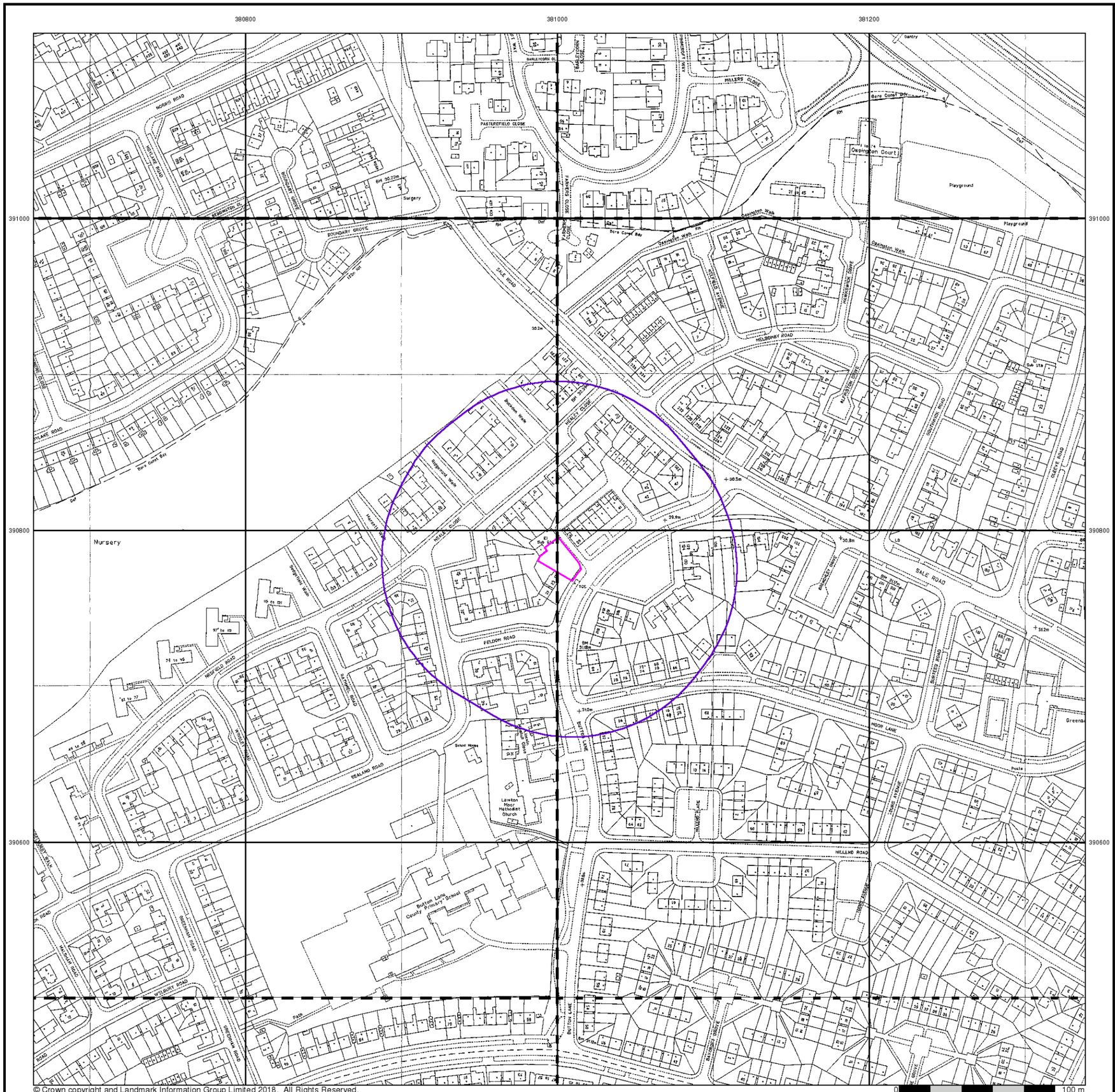
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Large-Scale National Grid Data

Published 1992

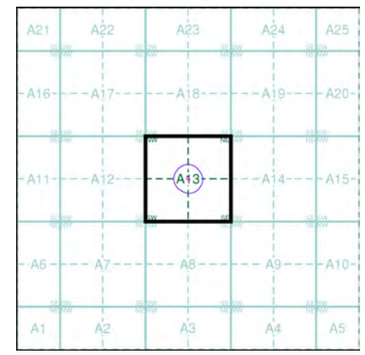
Source map scale - 1:1,250

'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)

SJ8091SE 1992 1:1,250
SJ8191SW 1992 1:1,250
SJ8090NE 1992 1:1,250
SJ8190NW 1992 1:1,250
SJ8090SE 1992 1:1,250
SJ8190SW 1992 1:1,250

Historical Map - Segment A13



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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
·285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. Rural District Boundary
Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Pole
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

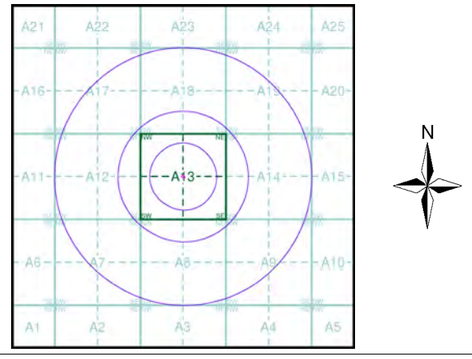
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	2
Cheshire	1:10,560	1882	3
Lancashire And Furness	1:10,560	1894	4
Cheshire	1:10,560	1899	5
Lancashire And Furness	1:10,560	1908 - 1911	6
Cheshire	1:10,560	1911	7
Cheshire	1:10,560	1911	8
Cheshire	1:10,560	1911	9
Lancashire And Furness	1:10,560	1923	10
Lancashire And Furness	1:10,560	1934	11
Cheshire	1:10,560	1938	12
Lancashire And Furness	1:10,560	1938	13
Ordnance Survey Plan	1:10,000	1954 - 1955	14
Ordnance Survey Plan	1:10,000	1959	15
Ordnance Survey Plan	1:10,000	1965 - 1967	16
Ordnance Survey Plan	1:10,000	1971 - 1977	17
Ordnance Survey Plan	1:10,000	1980 - 1981	18
Ordnance Survey Plan	1:10,000	1989	19
Ordnance Survey Plan	1:10,000	1990 - 1991	20
Ordnance Survey Plan	1:10,000	1996	21
10K Raster Mapping	1:10,000	1999	22
Street View	Variable		23

Historical Map - Slice A



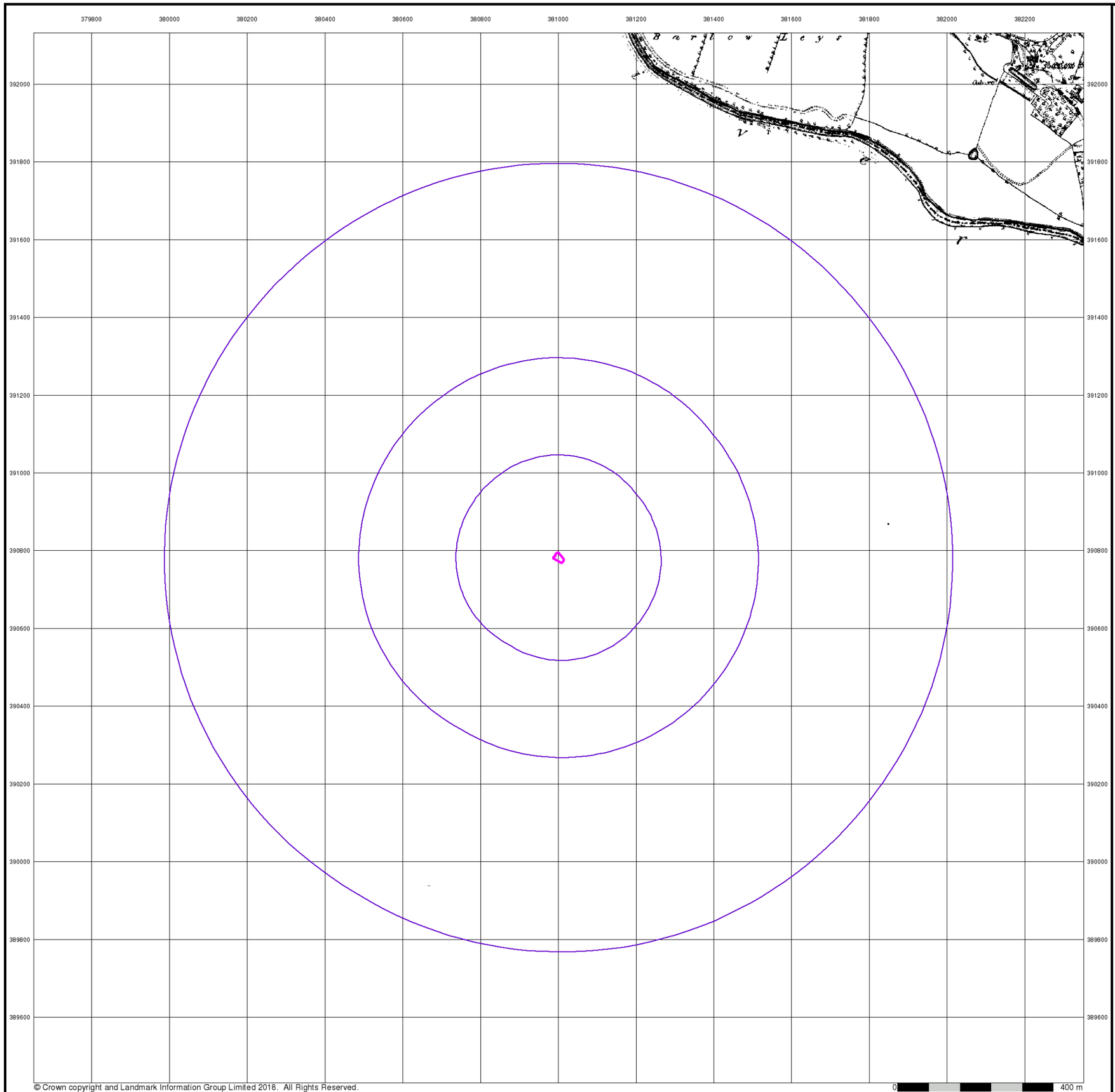
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Search Buffer (m): 1000

Site Details

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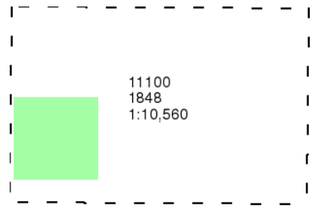
Lancashire And Furness

Published 1848

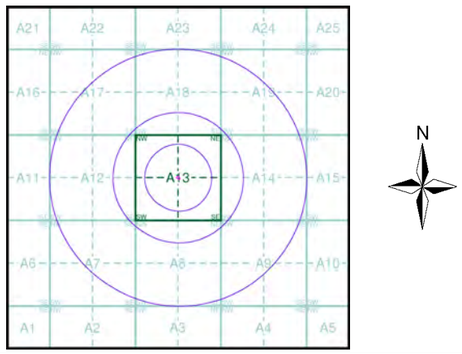
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

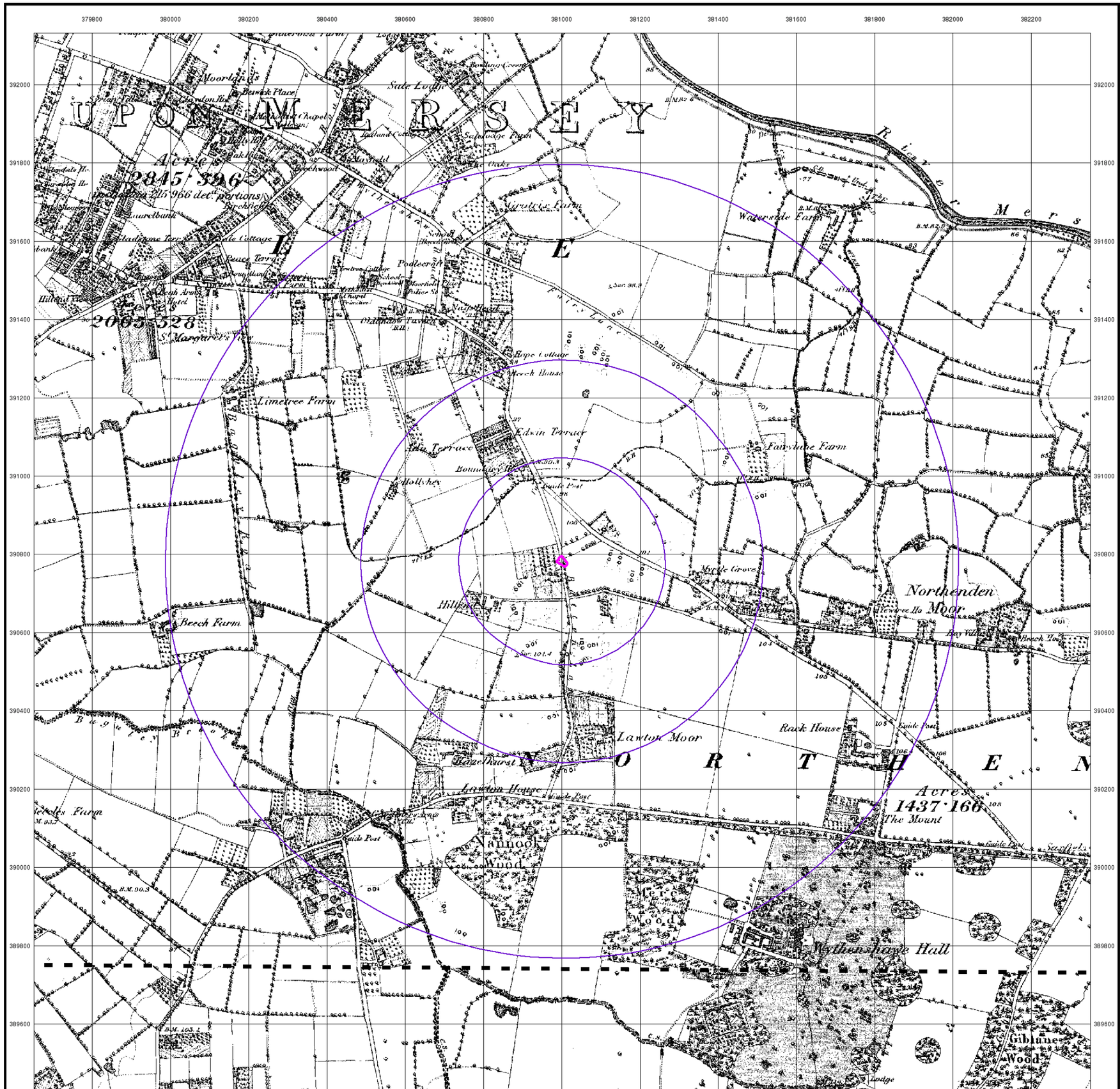
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Cheshire

Published 1882

Source map scale - 1:10,560

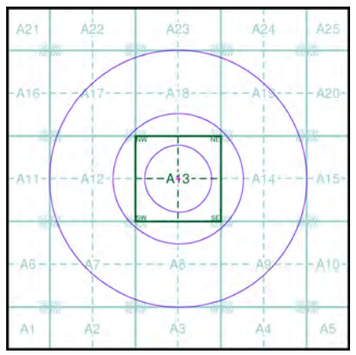
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Map Name(s) and Date(s)

00900
1882
1:10,560

01800
1882
1:10,560

Historical Map - Slice A



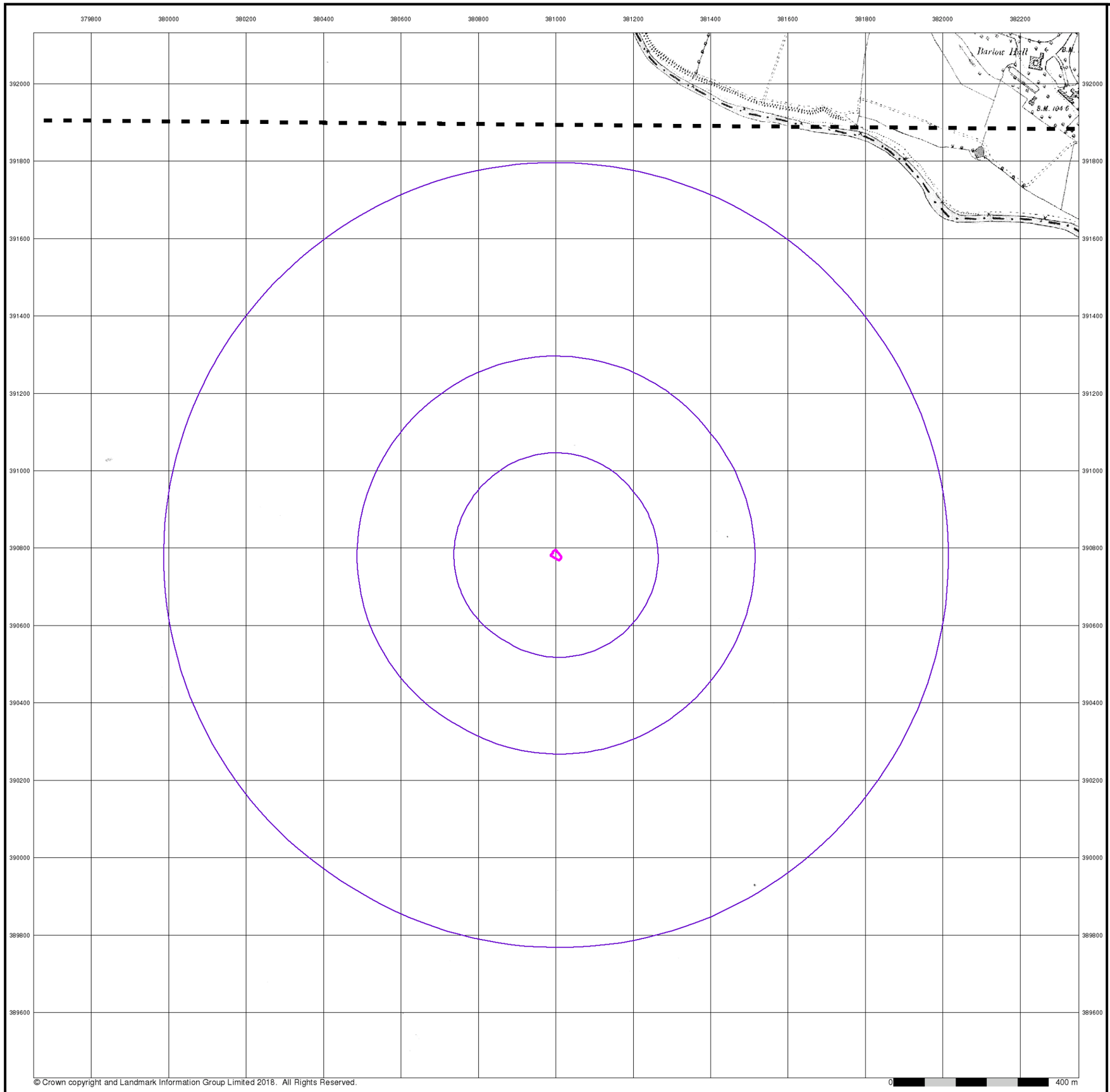
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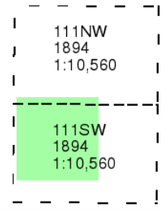
Lancashire And Furness

Published 1894

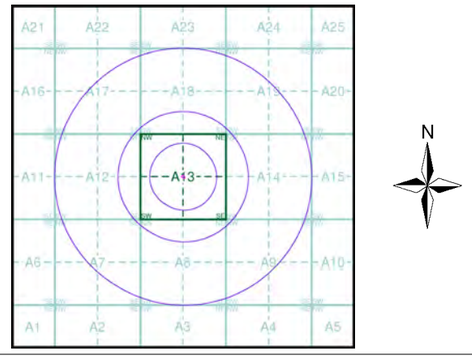
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

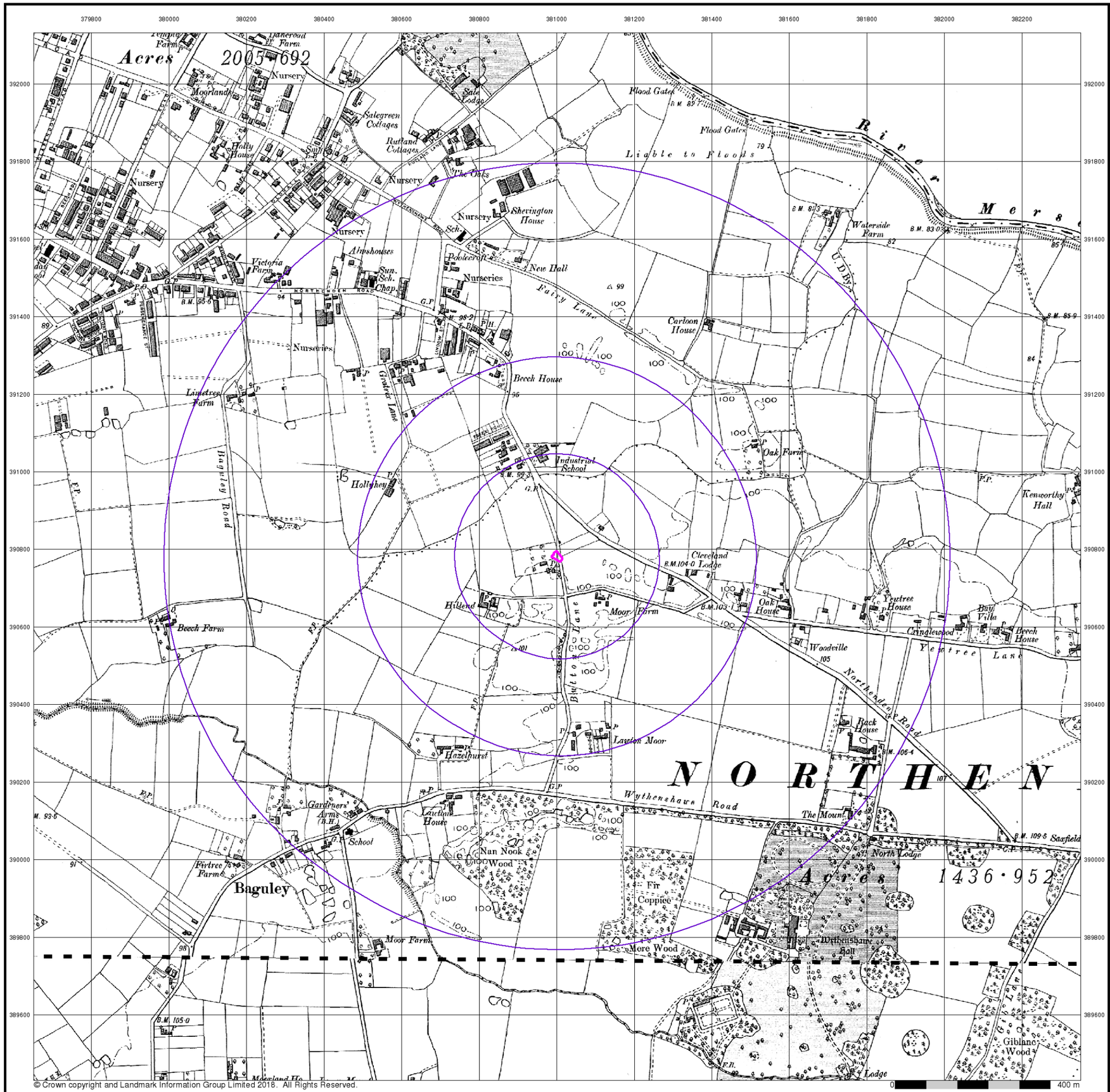
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Cheshire

Published 1899

Source map scale - 1:10,560

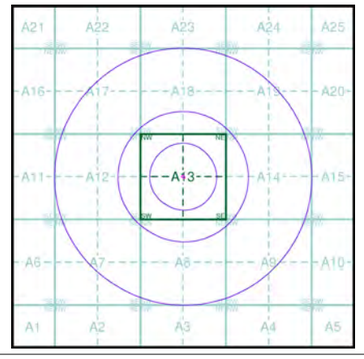
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Map Name(s) and Date(s)

009SE
1899
1:10,560

018NE
1899
1:10,560

Historical Map - Slice A



Order Details

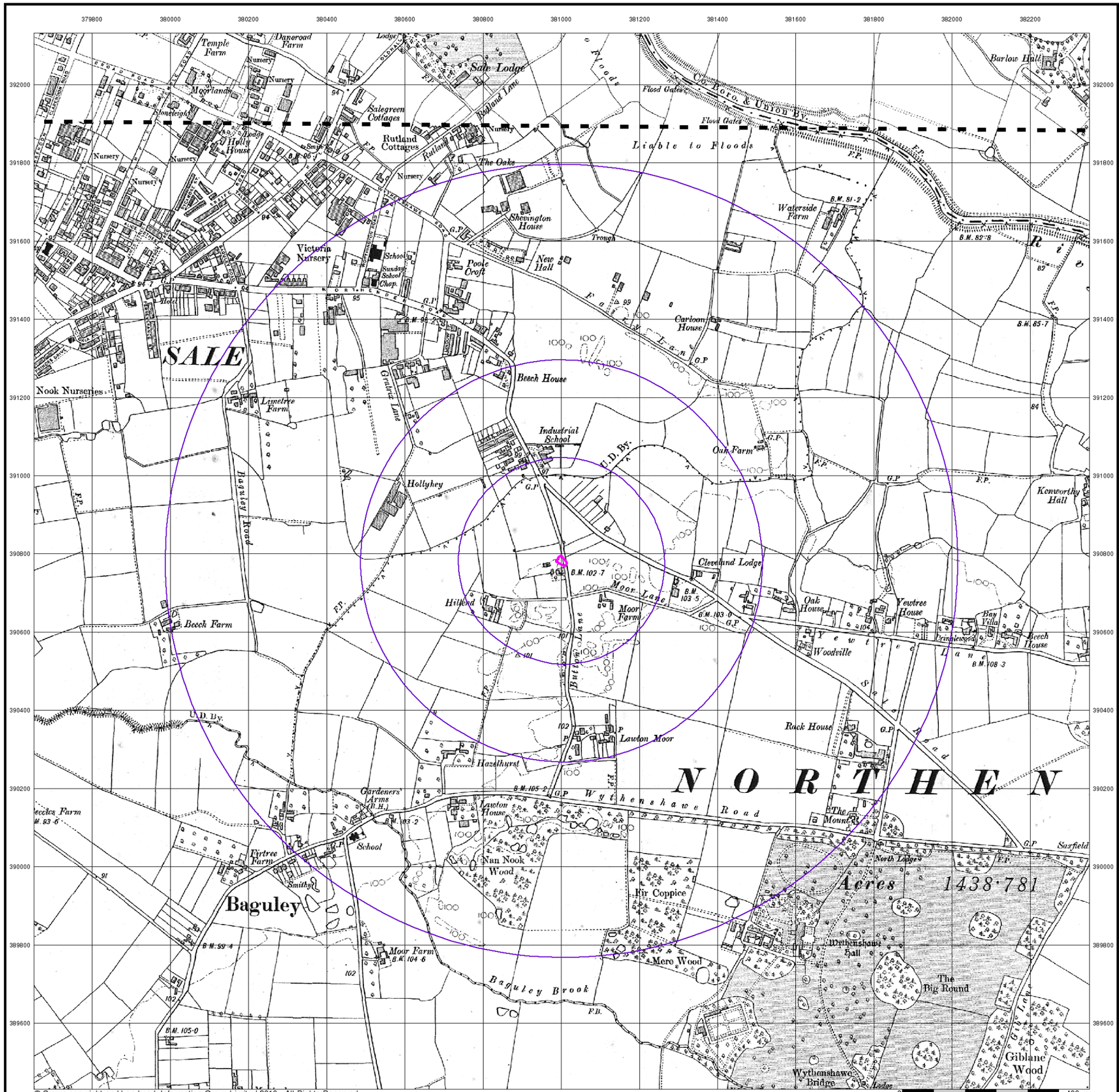
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Lancashire And Furness

Published 1908 - 1911

Source map scale - 1:10,560

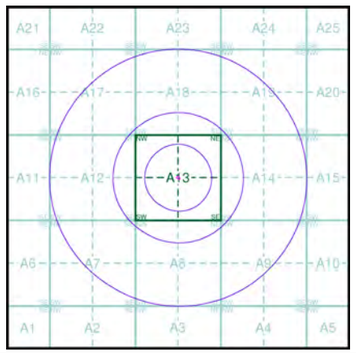
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Map Name(s) and Date(s)

111NW
1908
1:10,560

111SW
1911
1:10,560

Historical Map - Slice A



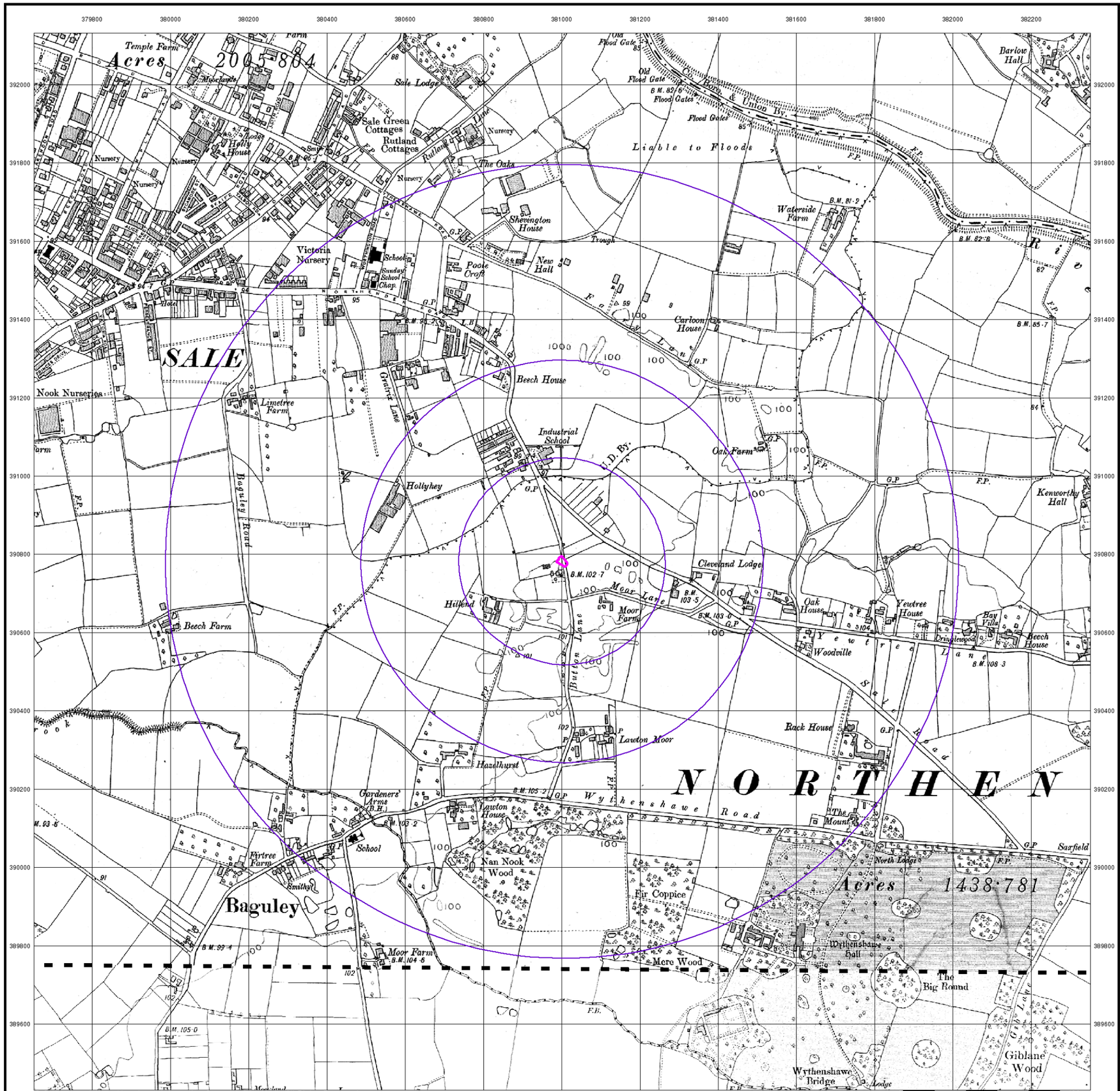
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Cheshire

Published 1911

Source map scale - 1:10,560

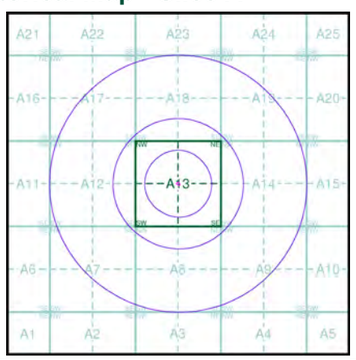
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Map Name(s) and Date(s)

009SE
1911
1:10,560

018NE
1911
1:10,560

Historical Map - Slice A



Order Details

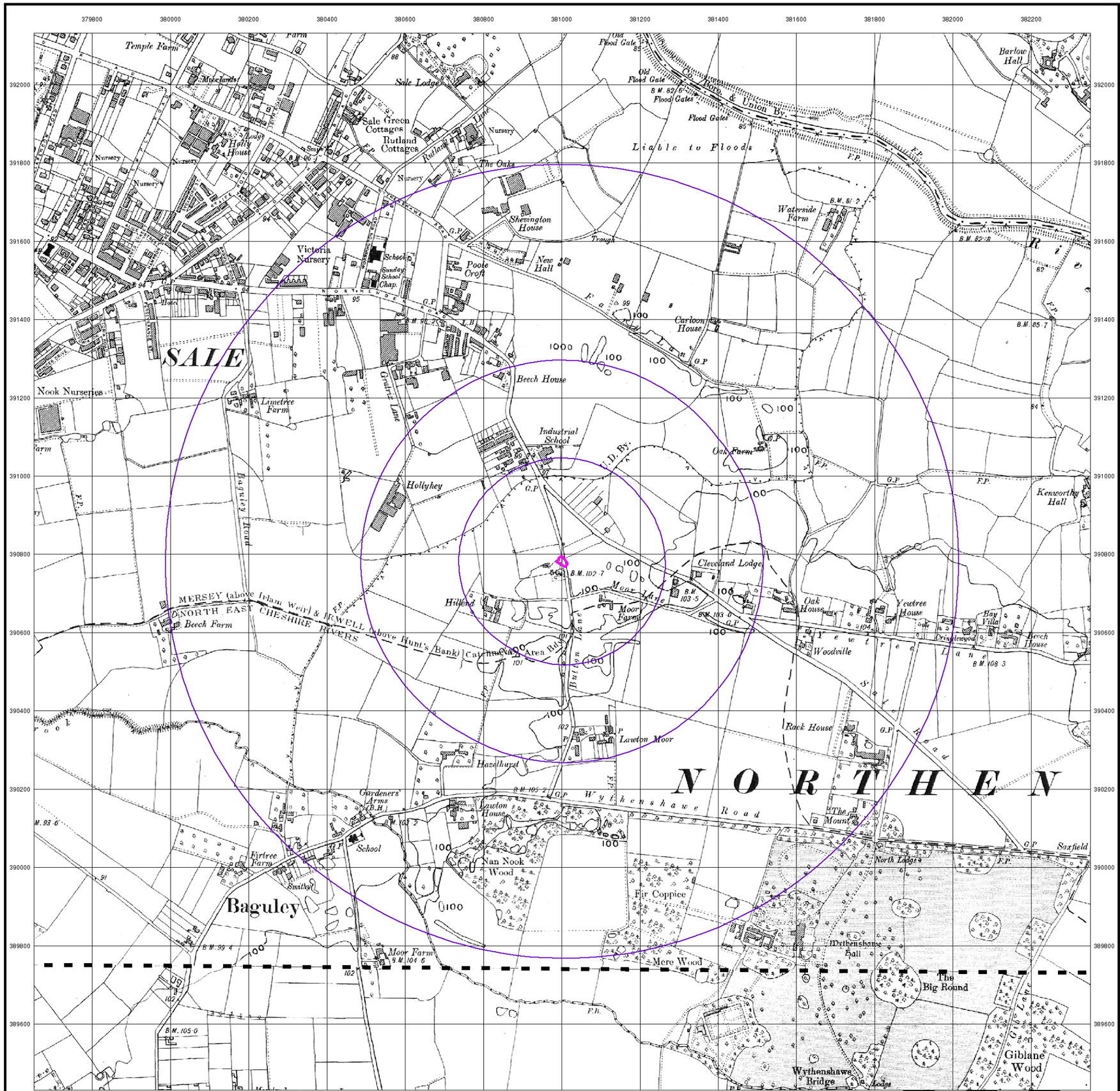
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Cheshire

Published 1911

Source map scale - 1:10,560

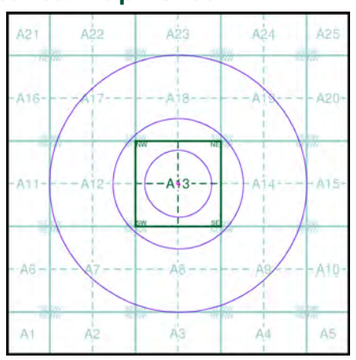
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Map Name(s) and Date(s)

009SE
1911
1:10,560

018NE
1911
1:10,560

Historical Map - Slice A



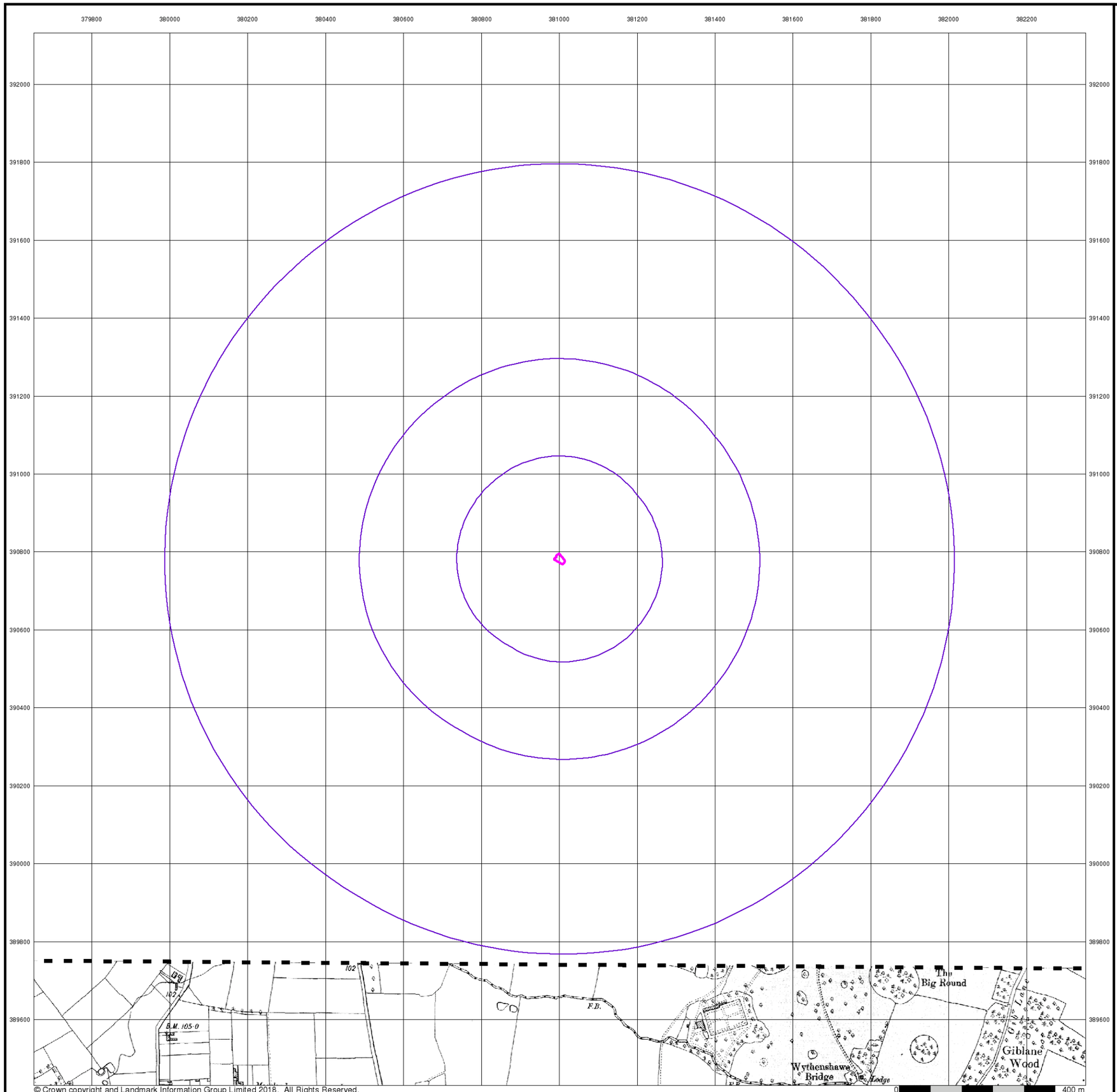
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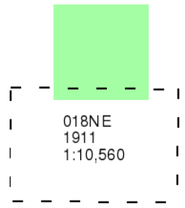
Cheshire

Published 1911

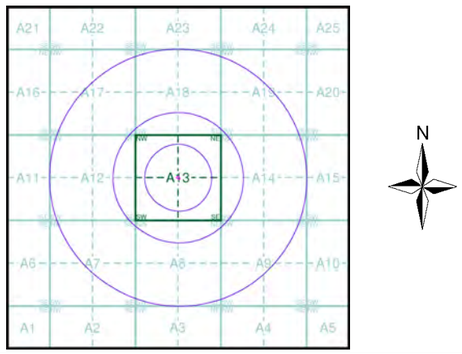
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Map Name(s) and Date(s)



Historical Map - Slice A



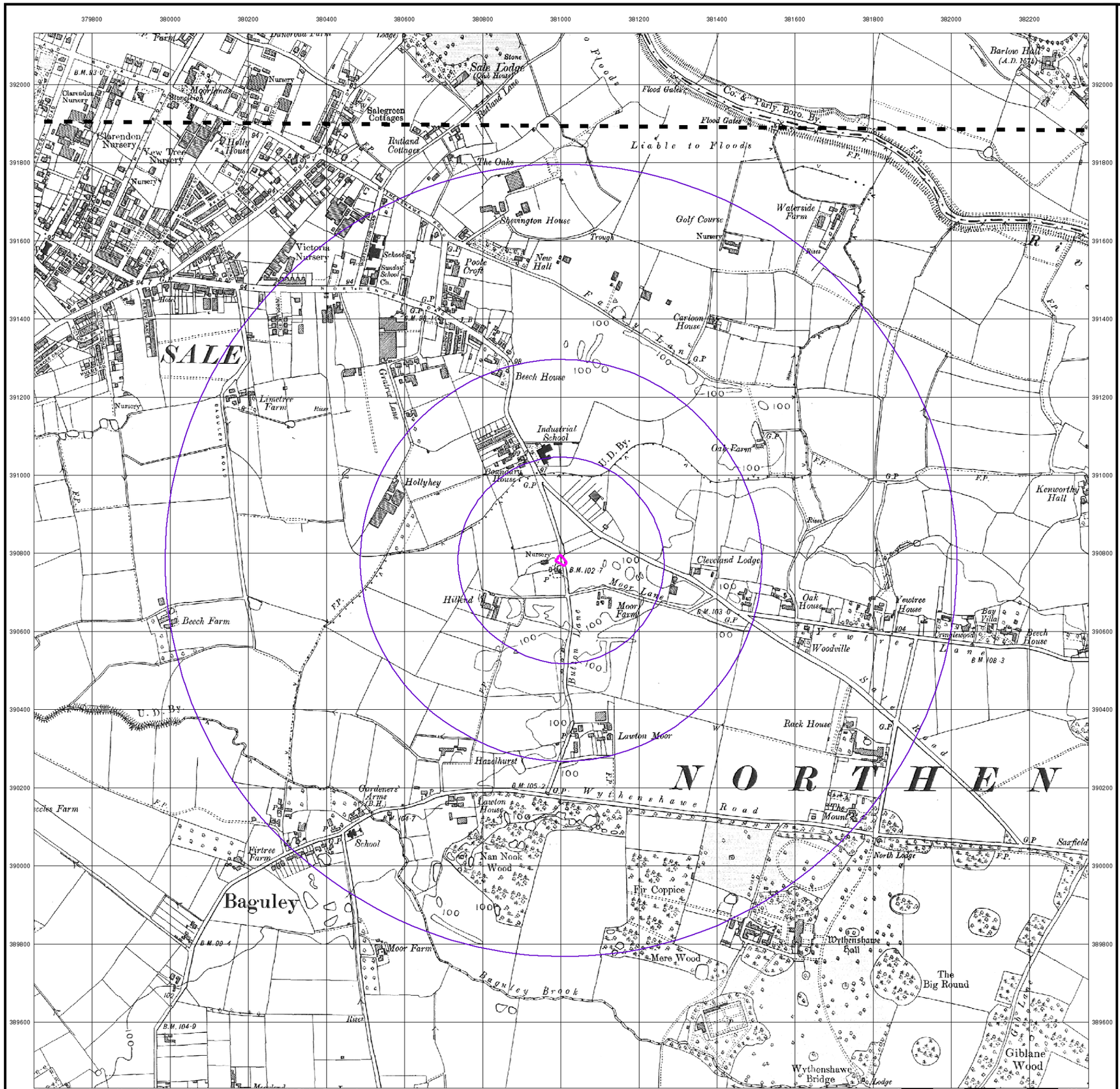
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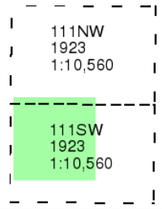
Lancashire And Furness

Published 1923

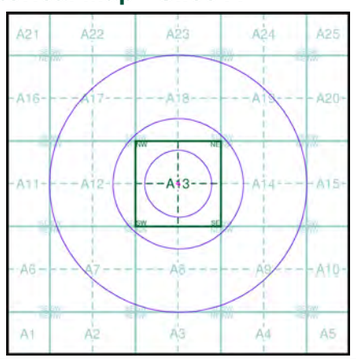
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Map Name(s) and Date(s)



Historical Map - Slice A



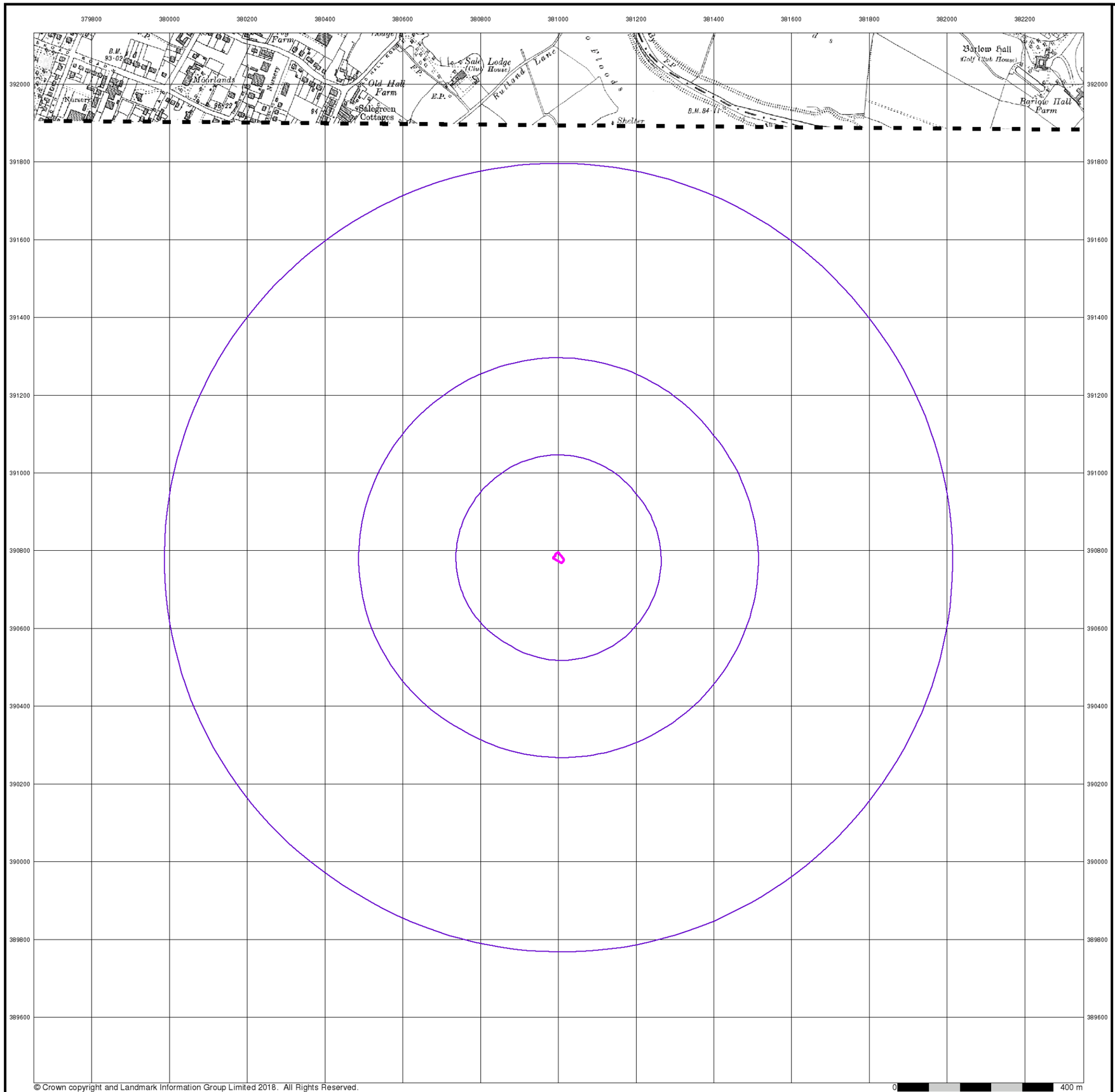
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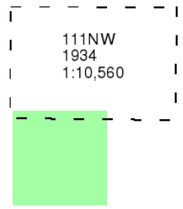
Lancashire And Furness

Published 1934

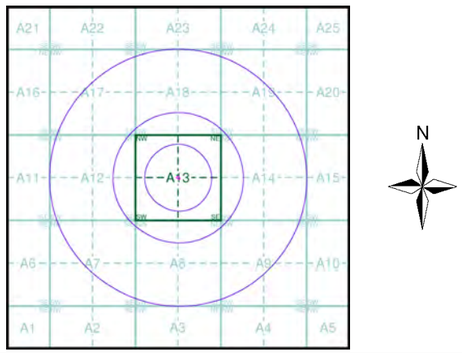
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

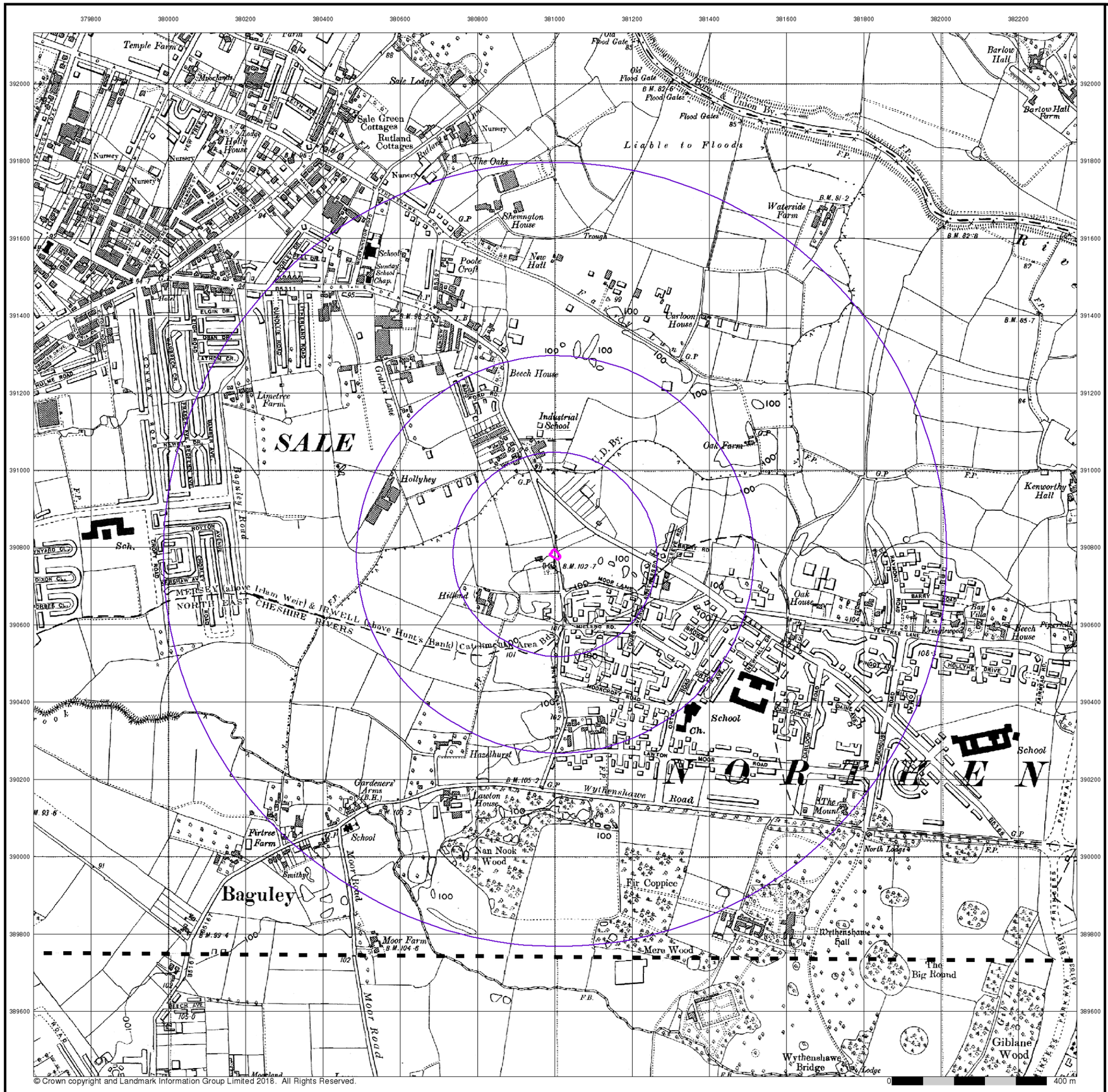
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Cheshire

Published 1938

Source map scale - 1:10,560

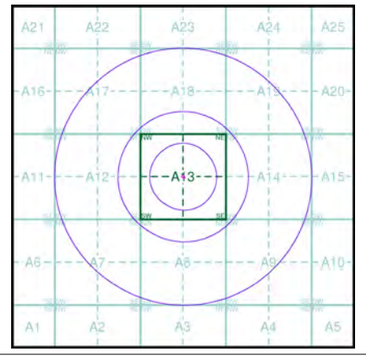
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Map Name(s) and Date(s)

009SE
1938
1:10,560

018NE
1938
1:10,560

Historical Map - Slice A



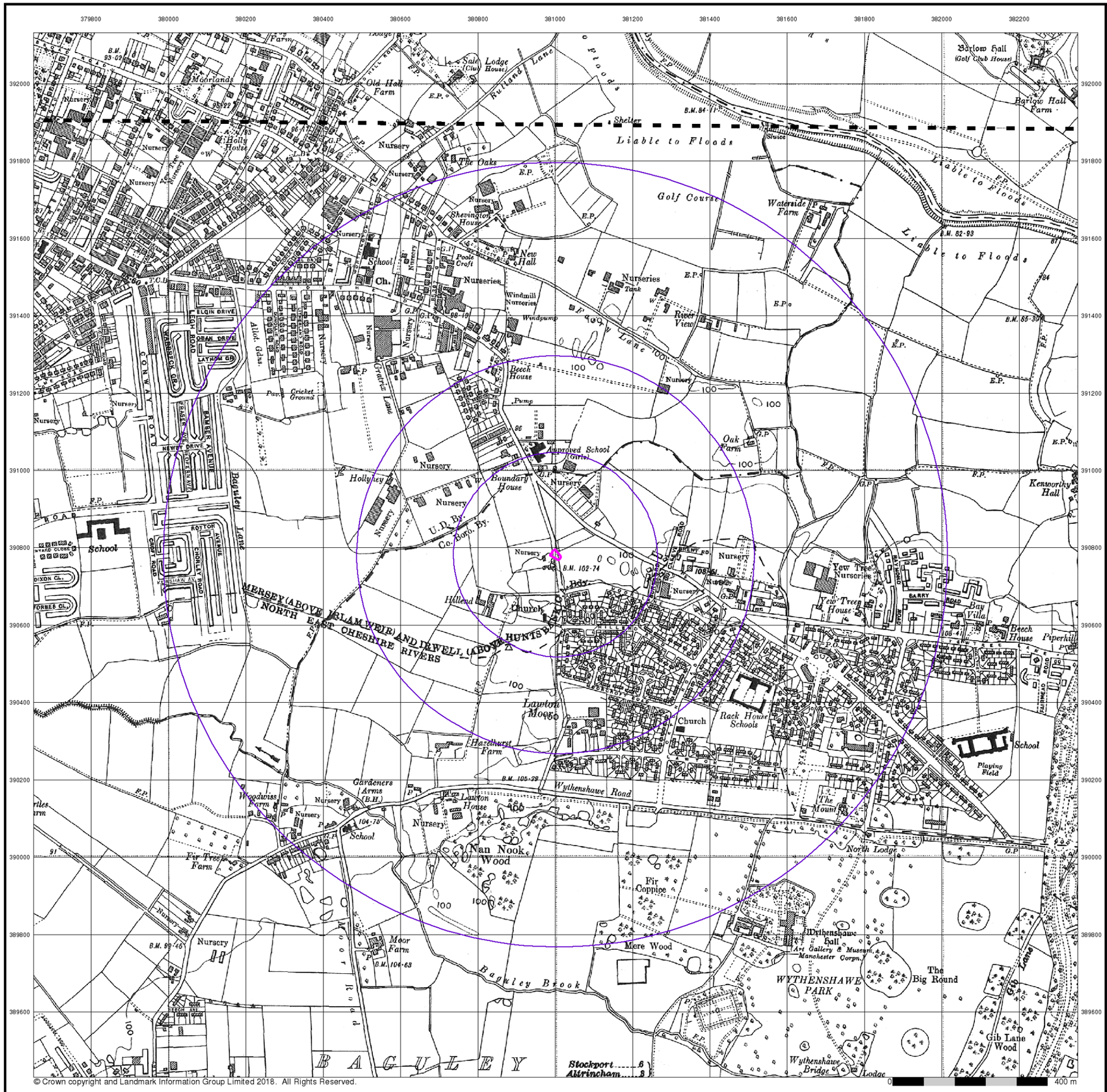
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Lancashire And Furness

Published 1938

Source map scale - 1:10,560

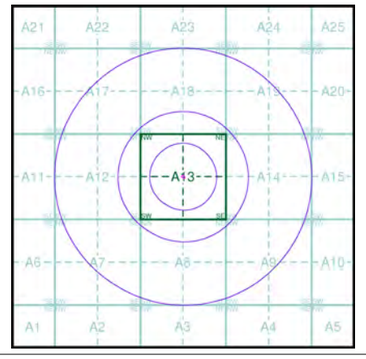
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Map Name(s) and Date(s)

111NW
1938
1:10,560

111SW
1938
1:10,560

Historical Map - Slice A



Order Details

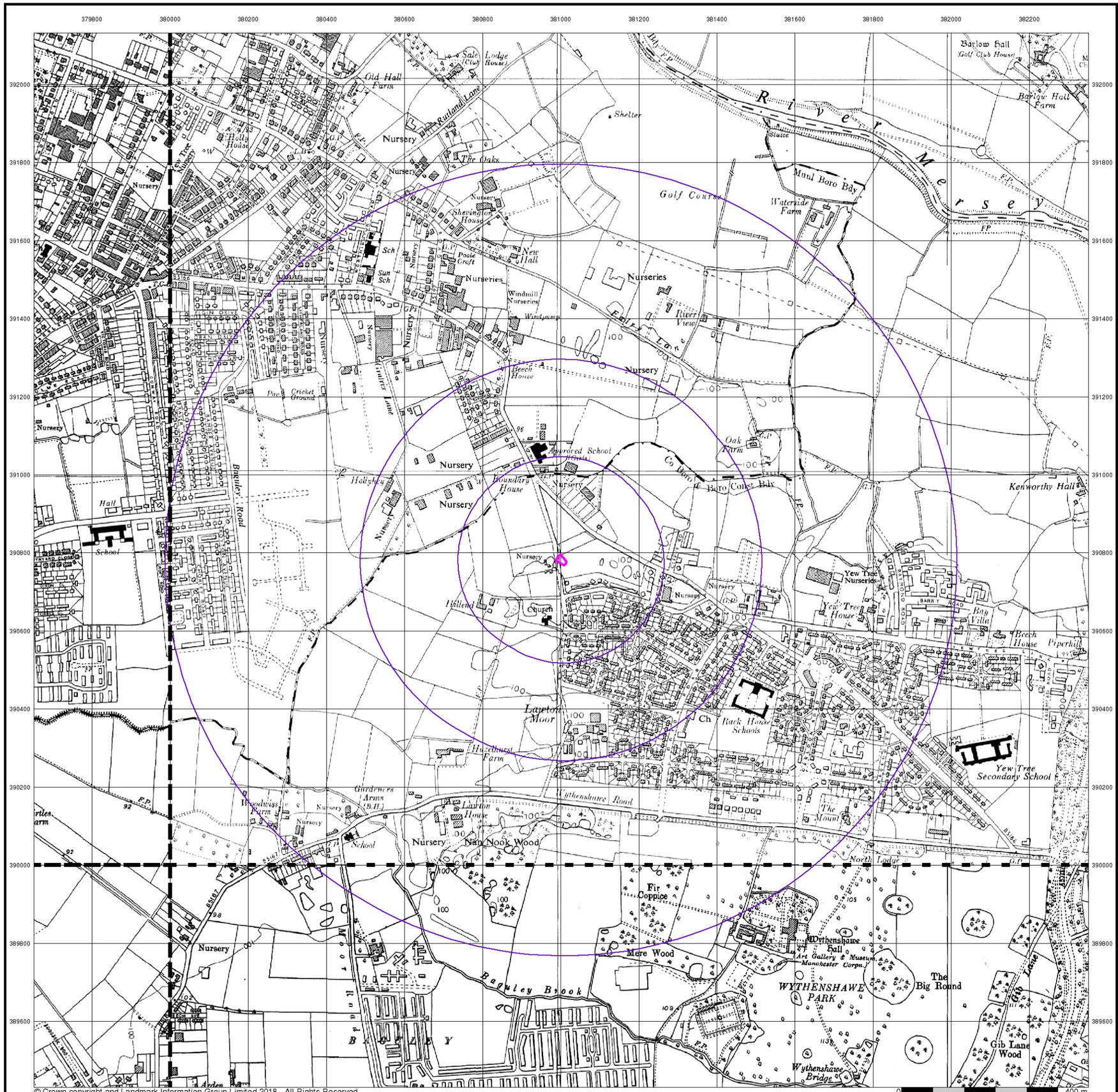
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Ordnance Survey Plan

Published 1954 - 1955

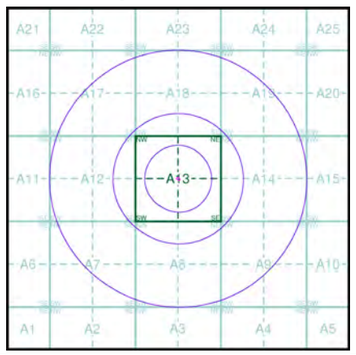
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Map Name(s) and Date(s)

SJ79SE 1954 1:10,560	SJ89SW 1955 1:10,560
SJ78NE 1954 1:10,560	SJ88NW 1954 1:10,560

Historical Map - Slice A



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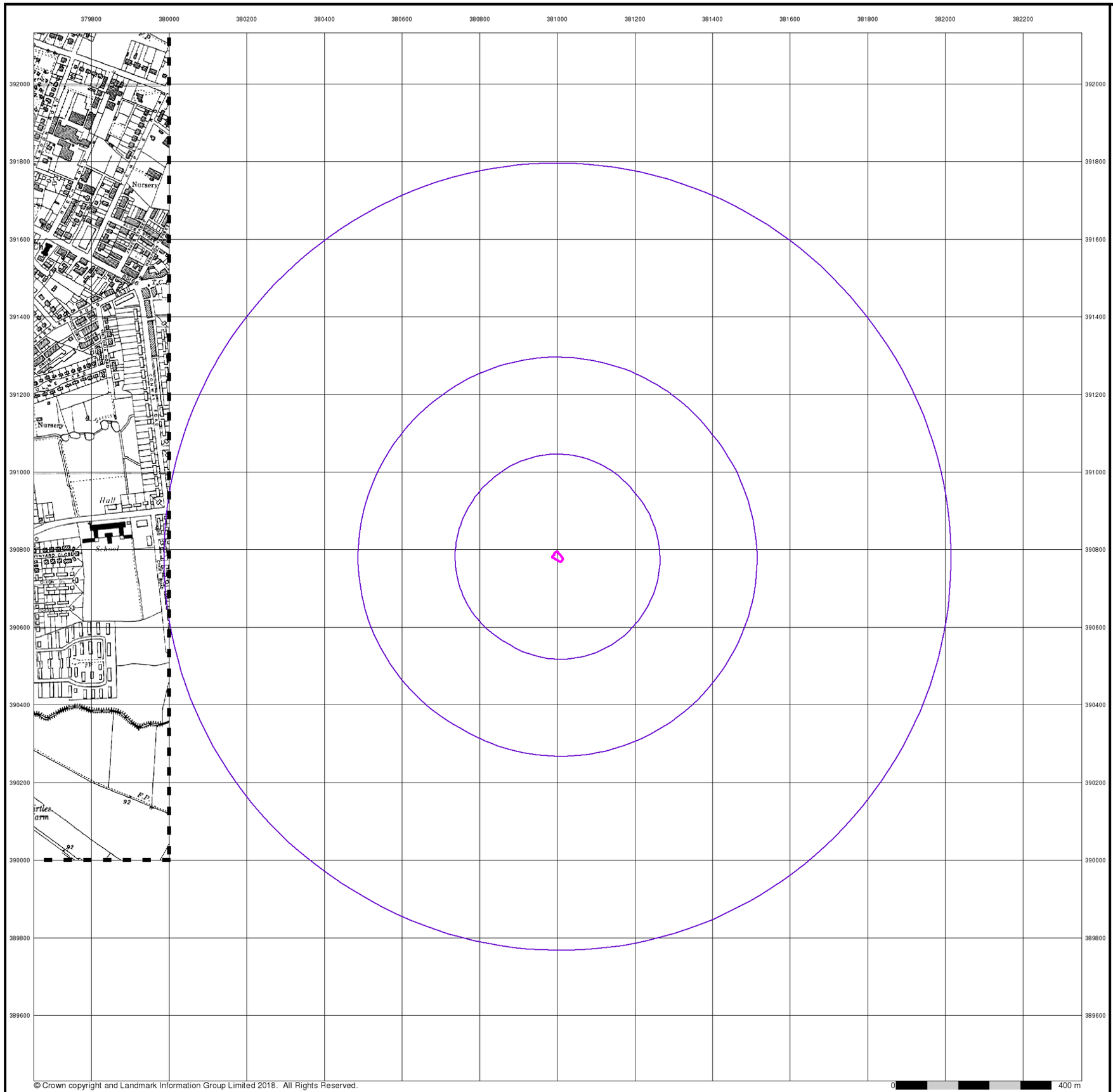
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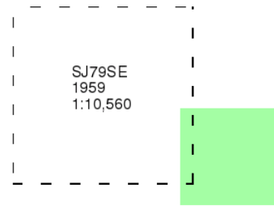
Ordnance Survey Plan

Published 1959

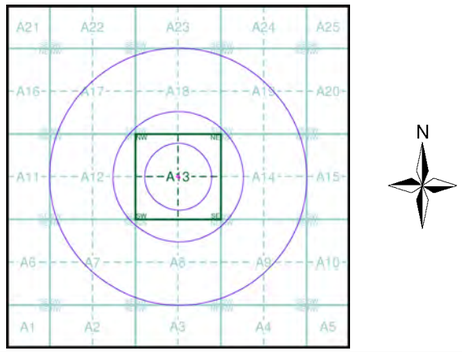
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	174770007_1_1
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National Grid Reference:	381000, 390780
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Ordnance Survey Plan

Published 1965 - 1967

Source map scale - 1:10,000

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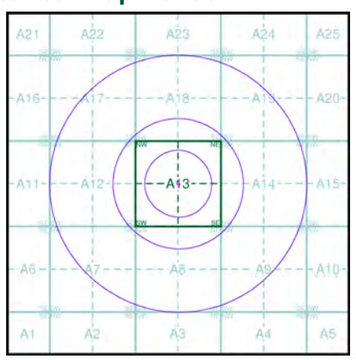
Map Name(s) and Date(s)

SJ79SE 1965 1:10,560

SJ89SW 1966 1:10,560

SJ88NW 1967 1:10,560

Historical Map - Slice A



Order Details

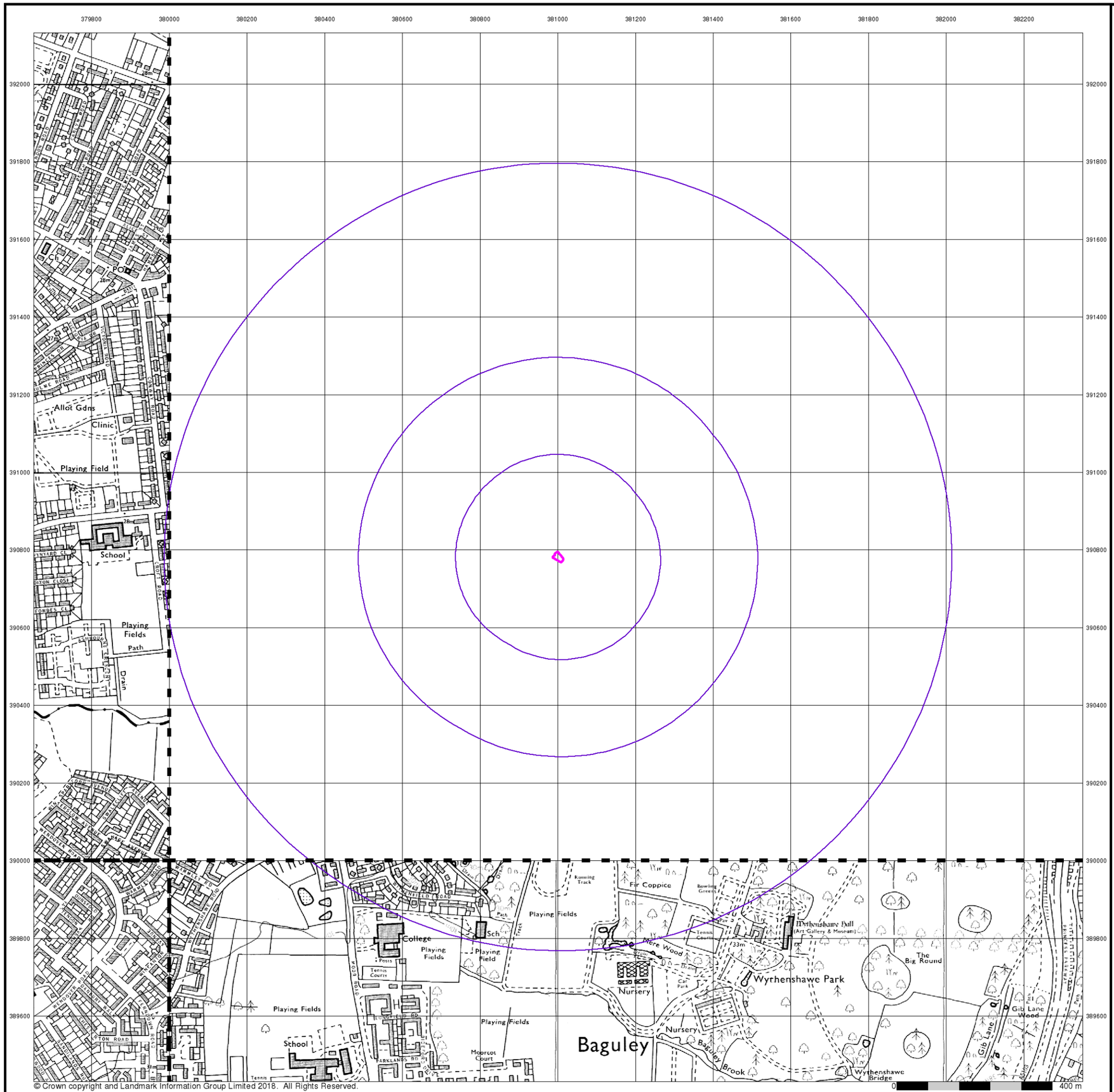
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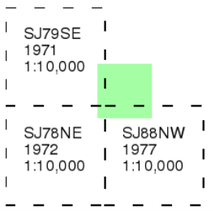
Ordnance Survey Plan

Published 1971 - 1977

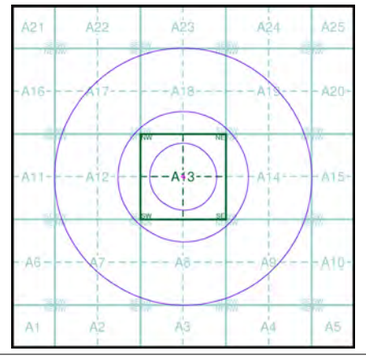
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

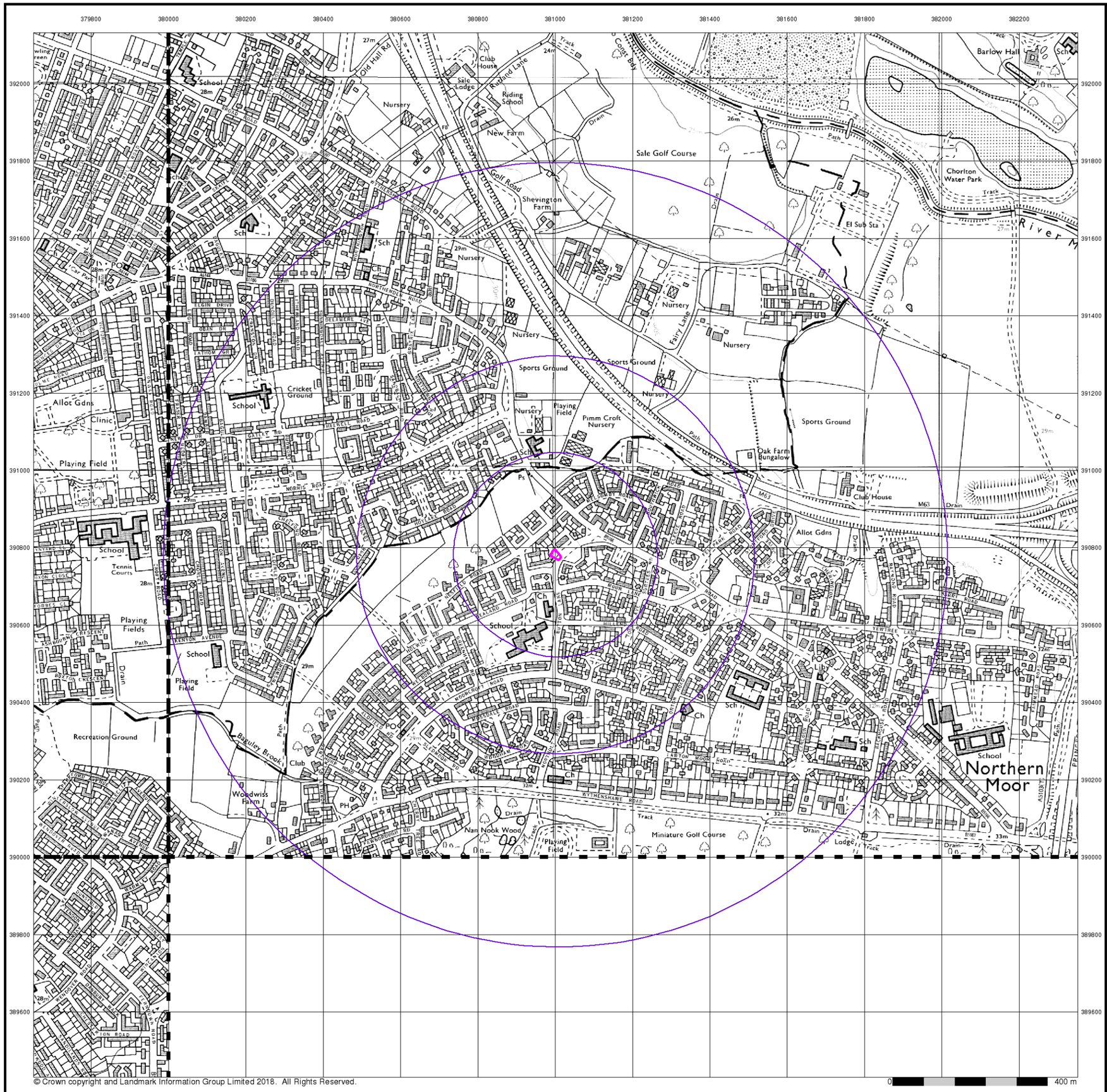
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Ordnance Survey Plan

Published 1980 - 1981

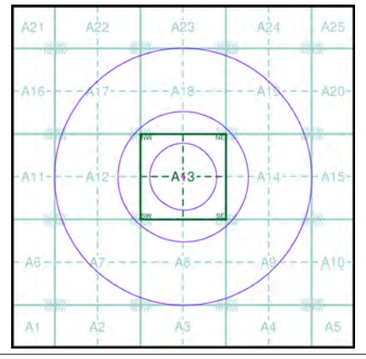
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Map Name(s) and Date(s)

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SJ78NE 1980 1:10,000		

Historical Map - Slice A





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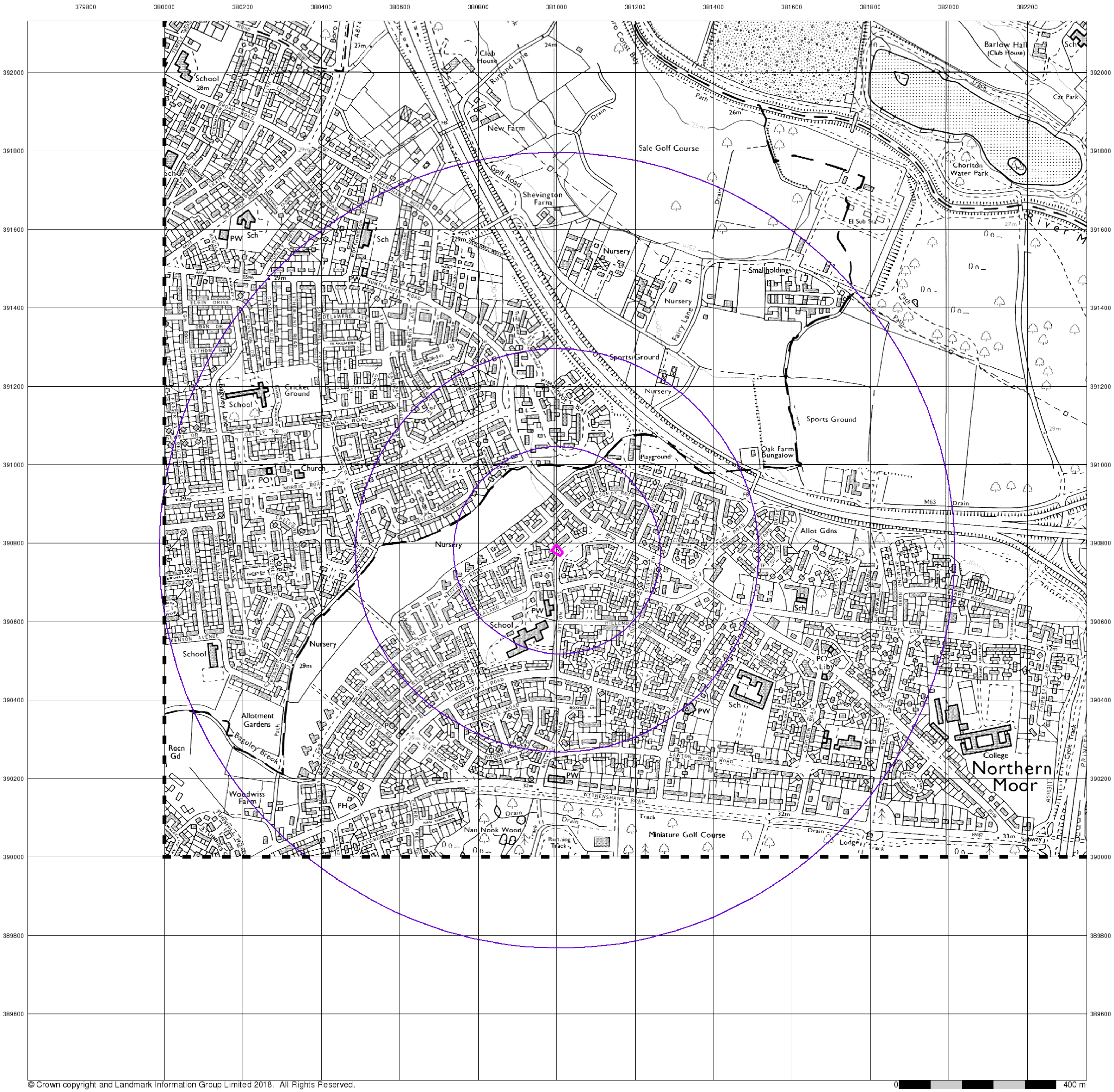
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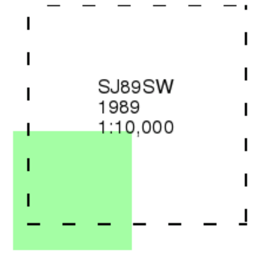
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Published 1989

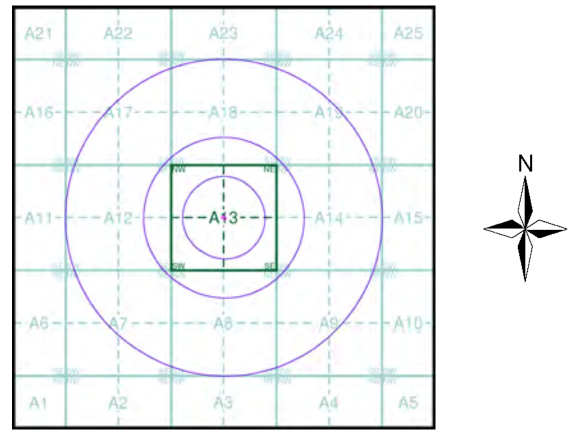
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Map Name(s) and Date(s)



Historical Map - Slice A



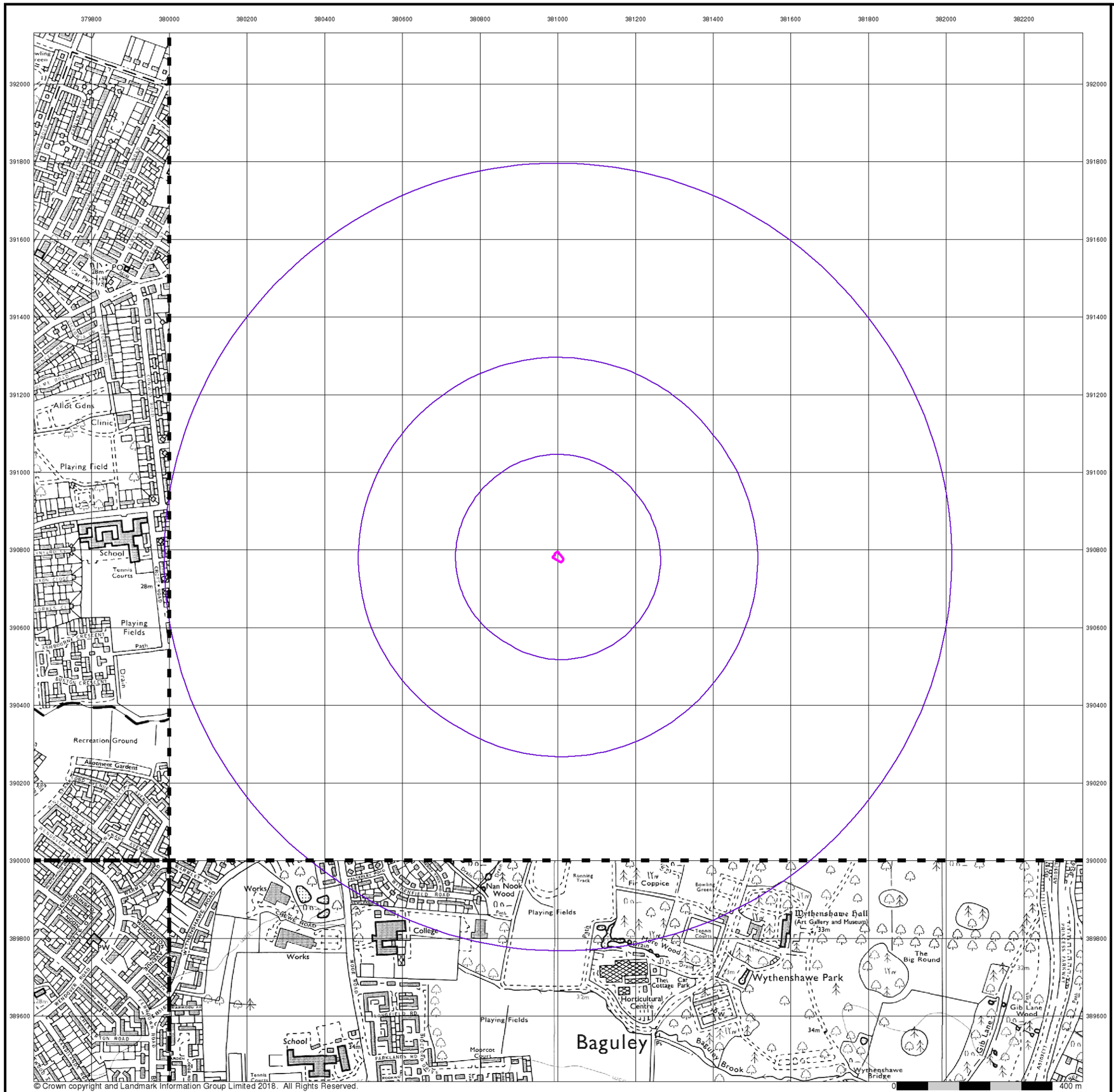
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Ordnance Survey Plan

Published 1990 - 1991

Source map scale - 1:10,000

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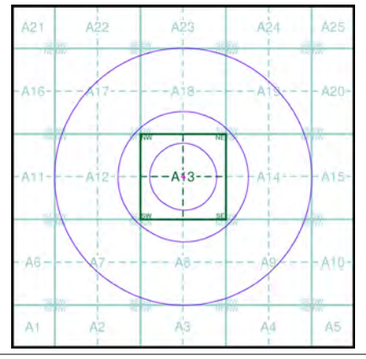
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SJ79SE 1991 1:10,000

SJ78NE 1991 1:10,000

SJ88NW 1990 1:10,000

Historical Map - Slice A



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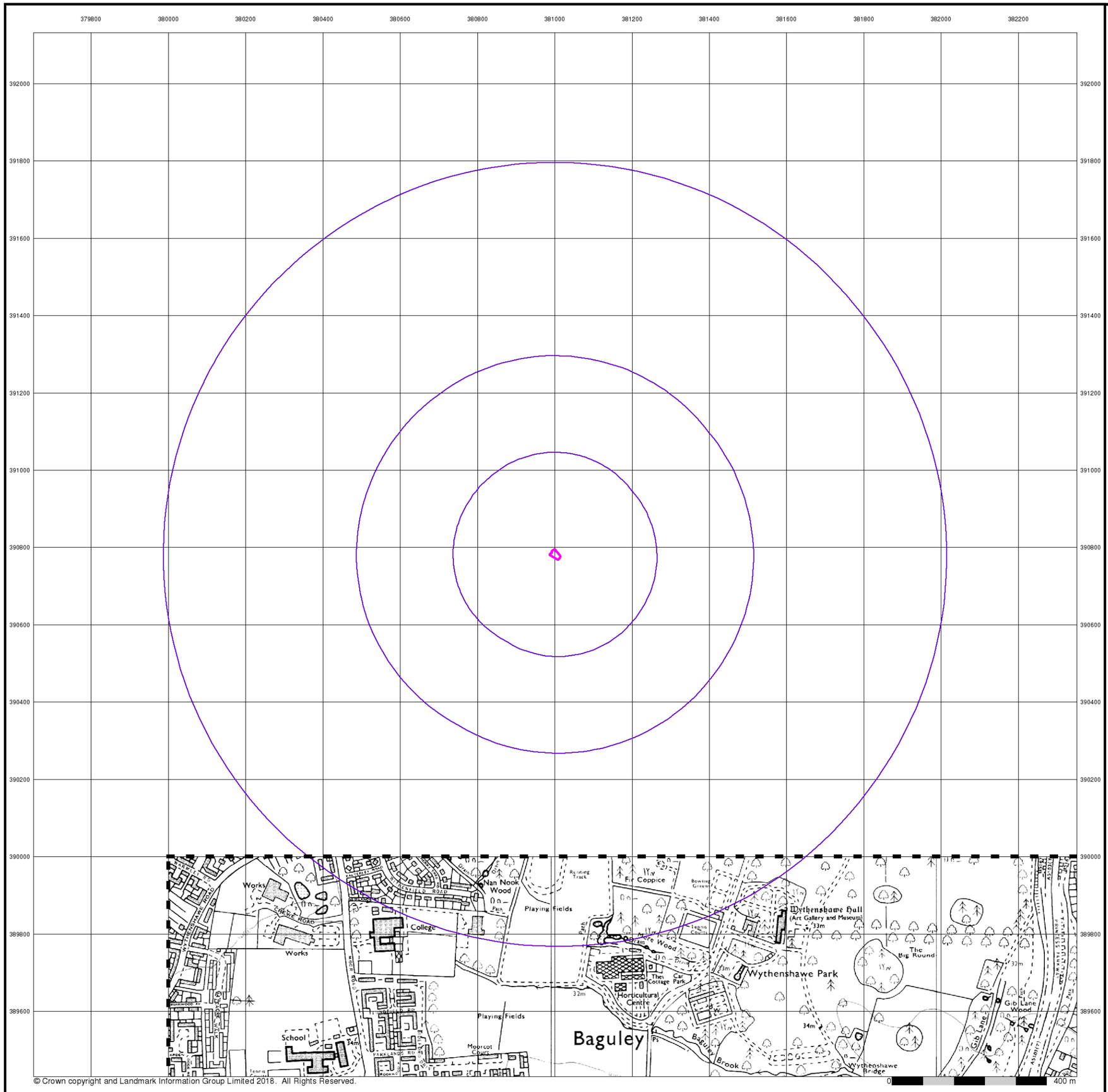
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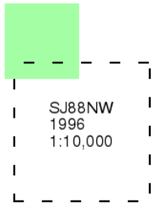
Ordnance Survey Plan

Published 1996

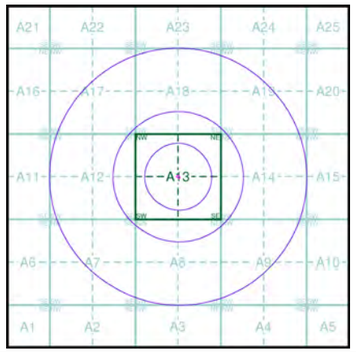
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Map Name(s) and Date(s)



Historical Map - Slice A



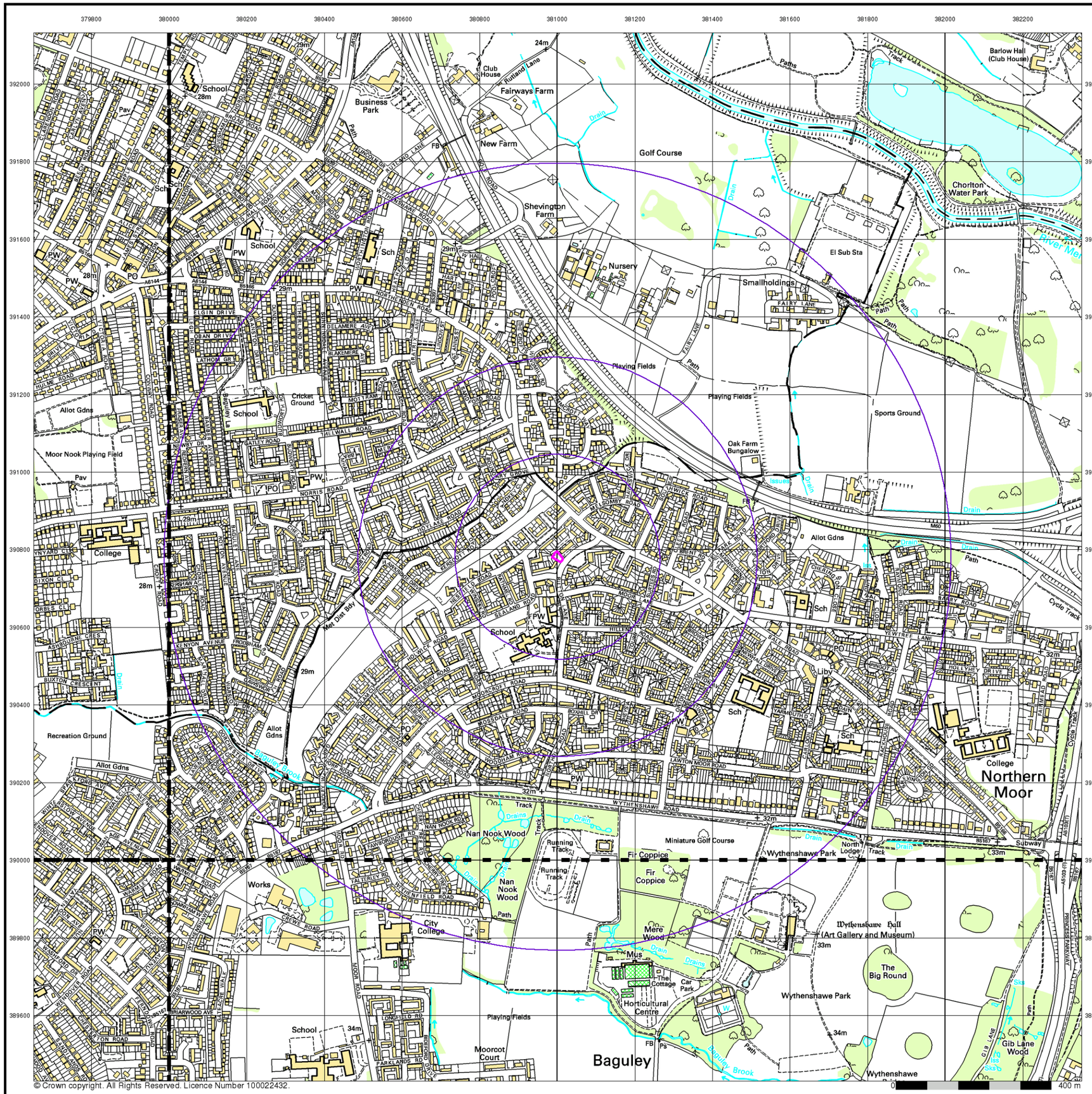
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10k Raster Mapping

Published 1999

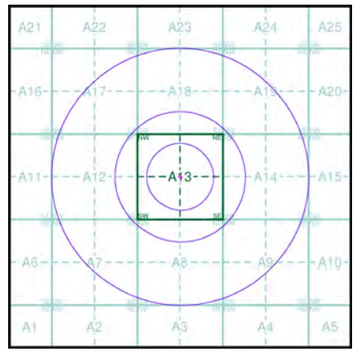
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

SJ79SE 1999 1:10,000	SJ89SW 1999 1:10,000
SJ78NE 1999 1:10,000	SJ88NW 1999 1:10,000

Historical Map - Slice A



N

Order Details

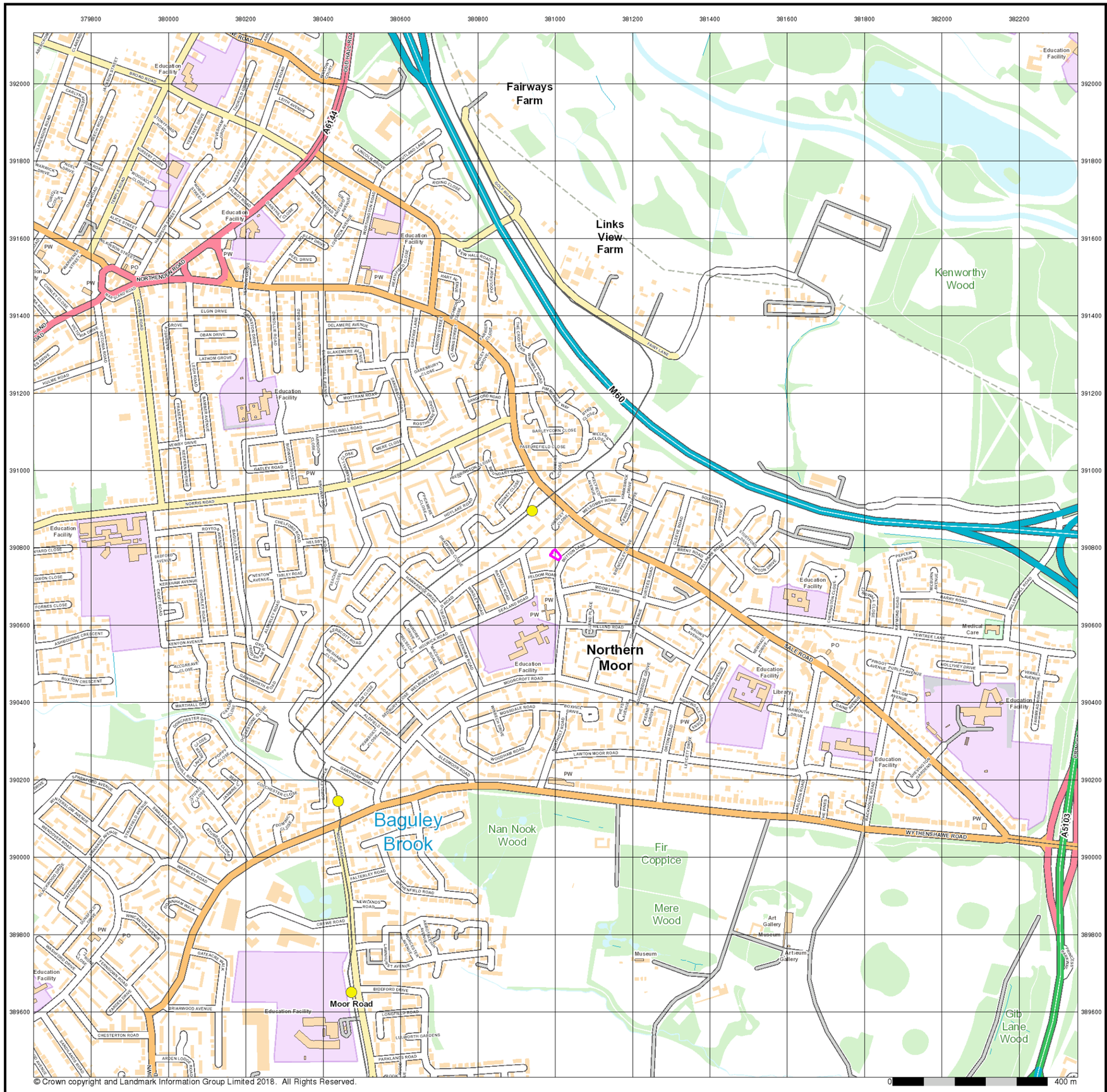
Order Number:	174770007_1_1
Customer Ref:	TLC1009
National Grid Reference:	381000, 390780
Slice:	A
Site Area (Ha):	0.04
Search Buffer (m):	1000

Site Details

, 23, Button Lane, Manchester, M23 0LZ

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Street View

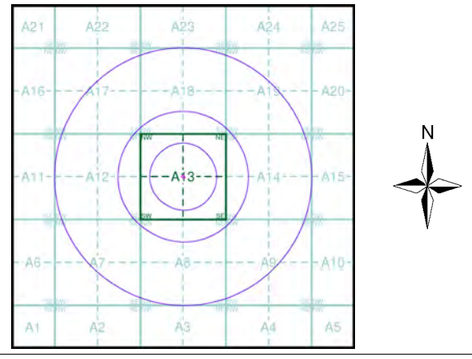
Published 2018

Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

Map Name(s) and Date(s)

Street View Map - Slice A



Order Details

Order Number:	174770007_1_1
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