



ARP GEOTECHNICAL LTD
CHARTERED CONSULTING ENGINEERS

STAGE 1 DESK STUDY REPORT

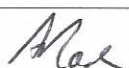
AT

LAND OFF WATH ROAD, BOLTON UPON DEARNE

ON BEHALF OF

ETON CONSTRUCTION LTD

SEPTEMBER 2016

Report No: ECL/05r1	Name	Signature	Date
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1.0 EXECUTIVE SUMMARY

The pertinent conclusions of the report are tabulated below. However, the information below is not exhaustive, and it is recommended the report is read in its entirety.

Proposed Development	Residential dwellings with private gardens.
Site Description	The site has been cleared recently, but was occupied by a residential property with various metal outbuildings and sheds.
Site History	No development since the construction of the current detached residential property. Used as a haulage yard. Water well on site.
Geology	Undifferentiated Pennine Middle Coal Measures (mudstone, siltstone and sandstone) on most of site. Mexborough Rock on northeastern corner, beyond a fault.
Coal Mining	Site can be considered stable.
Hydrogeology	Secondary A Aquifer. No abstractions within 1km.
Hydrology	Nearest watercourse is the River Dearne, 350m to the south. No sensitive abstractions within 1km.
Radon	No protection measures required.
Landfill Gas	Landfill 50m to north. Gas wells should be monitored.
Ground Conditions	Probable made ground overlying cohesive and granular subsoils derived from weathering of the underlying bedrock. Water well may need filling and capping.
Contamination	Potentially, from possible made ground, and hydrocarbons from the parking/servicing of vehicles. Site investigation required.
Foundations	Probable strip/trench fill. Reinforced on northeastern half.
Excavations	Likely to be stable within natural strata, but instability can be expected within any made ground.
Soakaways	Soakaways are unlikely to be practical.

2.0 TERMS OF REFERENCE

- 2.1 Eton Construction Ltd is considering developing land off Wath Road, Bolton Upon Dearne, with residential properties. It was considered appropriate to implement a desk study to provide information to aid the planning process, viability assessment, and design of any subsequent development.
- 2.2 ARP Geotechnical Ltd was appointed by Eton Construction Ltd to implement the report, which involved a desk study assessment of the geological and coal mining aspects, site history, potential contamination sources and receptors, and other environmental aspects including radon gas and indicative flood risk. An Envirocheck Report from Landmark Information Group, and a Coal Mining Report from the Coal Authority, were obtained to facilitate the study.
- 2.3 This report is intended to cover a wide scope of geotechnical issues, along with a Stage 1 risk appraisal of potential contaminant source - pathway - receptor linkages.
- 2.4 The report does not include any intrusive assessment, but a site walkover was carried out.
- 2.5 The study was commenced in July 2016.
- 2.6 The report has been prepared for the use and reliance of the Client only. The report shall not be relied upon or transferred to any other parties without the written agreement of ARP Geotechnical Ltd. For the avoidance of any doubt, where ARP Geotechnical Ltd enters into a letter of reliance for the benefit of a third party, that third party will be permitted to rely on the report. No responsibility will be accepted where this report is used, either in its entirety or in part, by any other party without ARP Geotechnical Ltd.'s consent.

3.0 SITE DESCRIPTION

Site Location

- 3.1 The site, which is centred on Ordnance Survey Grid Reference 445210, 402500 is located off Wath Road, in Bolton Upon Dearne.
- 3.2 A site location plan, aerial photograph, and a site survey, are presented in Appendix A.

On - Site Features

- 3.3 The site is an irregular shaped piece of land extending to an area of 0.17 hectares, with overall dimensions of approximately 61m (north - south) by 41m (south west - north east).
- 3.4 The site has been cleared of buildings, leaving a generally level area surfaced by a combination of rubble, concrete slabs and bituminous surfacing. Towards the southern boundary, the land slopes away and is retained at/near the boundary by a retaining wall approximately 1.5m high.
- 3.5 Publicly available aerial and street view photographs show that, until recently, the site was occupied by a detached residential property, with various corrugated metal outbuildings and a yard area, probably in use for combined residential and commercial use such as haulage.
- 3.6 There is anecdotal evidence that cellars are present below the original building, a cess pit (location uncertain), and two backfilled vehicle inspection pits. An old box van body or goods container was still present on the east of the site, next to a mature tree. There was little other vegetation, comprising only sporadic weeds and small bushes.

Site Boundaries and Surrounding Land Use

- 3.7 A stone wall forms the northern boundary, with Wath Road and residential properties beyond. The road is approximately 1m higher than the site. The site is bounded by residential properties to the east, south, and west, separated by a combination of fences and walls. The houses (bungalows) to the south are at a level significantly lower than the site, with the roofs at a similar height to the ground levels on the site.

Site History

- 3.8 Ordnance Survey archive maps were obtained for the site. Copies of the maps are included in Appendix B, and a summary of the findings is given below.

Map Date	On-Site	Off-Site
1854	A building is present on the site.	There is no development adjacent to the site. The existing road is shown, adjacent to the north. A quarry is indicated to be present, approximately 100m to the north.
1892	More detail is evident - buildings of a residential property are shown on the northern boundary and in the centre of the site, named as Mount Pleasant. A well (marked by "P" for pump) is present in the middle of the northern half of the site.	No significant change.
1930	No significant change.	The site is now directly bounded to the west by terraced housing.
1973	The buildings on the north of the site have been removed, and new buildings are now present on the south of the site. A tank is indicated to be present near the middle of the eastern boundary.	Grange Farm is now indicated to be present, adjacent to the west.
1988	No significant change.	A large housing estate is now present, adjacent to the south.
2016	No significant change.	The farm to the east has now been replaced by a small housing development.

- 3.9 In summary, the site has been the location of a residential property (originally Mount Pleasant) since at least 1854. The surrounding adjacent areas have been progressively developed for residential use.

4.0 ENVIRONMENTAL SETTING

Geology

- 4.1 Extracts from the British Geological Survey 1:50,000 Series Geology Maps are included within the Envirocheck Geology Report in Appendix C. The maps show a fault to cross the northeastern corner of the site (approximately 9m into the site), trending northwest to southeast. To the northeast of the fault, Mexborough Rock is indicated to outcrop, whilst to the southwest of the fault, undifferentiated strata (mudstone, siltstone, and minor sandstone), are indicated to be present.

Coal Mining

- 4.2 A Coal Mining Report was obtained from The Coal Authority. A copy of the report is included in Appendix D, and a summary is given below.
- 4.3 The site is in the likely zone of influence of workings in four seams of coal at 190m to 580m depth, and last worked in 1942. Any associated ground movement should by now have ceased.
- 4.4 The site is not affected by any present or future proposed underground coal mining. The Authority refers to reserves in the locality that could be worked at some time in the future. However, given the effective abandonment of the coalfields in this area, any future workings are considered highly unlikely.
- 4.5 There are no recorded mine entries on or within 20m of the site.
- 4.6 The site is unaffected by any past, present, or future proposed, opencast coal mining.
- 4.7 In view of the above, the site is considered stable with regard to coal mining.

Coal Recovery

- 4.8 There are no seams beneath the site at depths which could be worked by open excavation. There will be no arisings of coal during proposed development works, and it will not be possible to win any coal from the site before development.

Hydrogeology

- 4.9 The Landmark Envirocheck Report, included in Appendix E, indicates the Bedrock Aquifer Designation to be Secondary A. These Aquifers comprise "permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers".
- 4.10 There are no groundwater abstractions within 1km of the site.

Hydrology

- 4.11 The general area slopes from north to south. The nearest surface water feature is the River Dearne (classed as a Primary River) which lies 350m to the south of site.
- 4.12 The site is not in an area at risk from river flooding. The risks of flooding from other causes such as adverse topography or insufficient surface water drainage are not considered here, and a separate specialist Flood Risk and Drainage Report should be commissioned if such risk needs to be quantified.
- 4.13 There are four surface water abstractions within 1km of the site. The first lies 598m to the south and is utilised for general industrial purposes. The second lies 829m to the southeast and is used for dust suppression in the production of mineral products. A further abstraction lies 833m to the south east and is utilised as top up water for aquaculture. The fourth abstraction lies 913m to the southeast, and is for general use in mineral product manufacture.

Other Environmental Data

4.14 The Landmark Envirocheck Report, included in Appendix E, contains information on numerous environmental aspects. A summary of the pertinent findings, not already covered, with additional comments, is given below.

4.14.1 There are no Pollution Control Authorisations within 250m of the site.

4.14.2 There are no discharge consents relating to, or adjacent to, the site.

4.14.3 There is one recorded landfill within 250m of the site, located 51m to the north. The landfill received inert, non-hazardous industrial and commercial waste from 1979 to 1985.

4.14.4 No radon protective measures are stated to be necessary for new dwellings or extensions on the site, and the site is within a "lower probability radon area".

4.14.5 There are no active contemporary trade directories within 250m of site. The site itself is registered as the (inactive) location of a haulage company, as already anticipated from aerial photographs.

4.14.6 There are no fuel station entries within 500m of the site.

5.0 PRELIMINARY RISK ASSESSMENT AND CONCEPTUAL MODEL

5.1 Part II A of the Environmental Protection Act (EPA) 1990 became effective from 1st April 2000. The Regime was introduced by the Contaminated Land (England) Regulations 2000 (SI 2000, No. 227) along with the associated DEFRA Circular February 2000.

5.2 Section 78A (2) of the Act defines "Contaminated land is any land in such a condition, by reason of substances in, on or under that land that -

(a) significant harm is being caused or there is a significant possibility of such harm being caused; or

(b) pollution of controlled waters is being caused, or there is a significant possibility of such pollution being caused".

From S78A (4) "Harm" : means harm to the health of living organisms or other interference with the ecological systems of which they form part and, in the case of man, includes harm to his property.

Controlled waters are defined as "...the waters in any relevant lake or pond, or of so much of any relevant river or watercourse as is above the freshwater limit, and ground waters, that is to say, any waters contained in underground strata". From the 1st October 2004, the definition of groundwater in relation to Part IIA was amended, by the Second Water Act Commencement Order SI 2004 No 2528. This makes clear that "ground waters" does not include waters above the saturation zone, i.e. does not include any soil water and pore water present in the unsaturated zone.

5.3 The objectives of the regime are to ensure that risks associated with contaminated land are reduced to an acceptable level, having regard to the costs of doing so. The costs should be proportionate, manageable and economically sustainable.

- 5.4 In assessing risk, it is necessary to consider the probability, or frequency, of occurrence of the hazard and the magnitude/seriousness of the consequences. Consequently, for land to be classified as contaminated, it must have, or be very likely to have, a detrimental effect on humans or the environment before it can be classified as contaminated land.
- 5.5 In establishing risk, the concept of the pollutant source/pathway/receptor linkage model, based on current and proposed site use, is to be considered. Therefore for a site to be deemed contaminated under the Regime, all three linkages must be in place i.e. the site must not only contain harmful substances, but the substances must have a pathway by which to leak out and cause significant harm to a receptor.
- 5.6 In September 2004, the Environment Agency published the Contaminated Land Report (CLR) 11, "Model Procedures for the Management of Land Contamination". The document is intended to provide the technical framework for structured decision making about land contamination, and is intended to assist all those involved in "managing" the land, in particular landowners, developers, financial service providers, planners and regulators. As the document currently provides the framework for best practice, the general principles are, therefore, followed in conducting the assessment below.

Conceptual Site Model

- 5.7 It is known that the site is proposed for residential properties with private gardens. An indicative proposed site layout is included in Appendix F. The site and general area slopes to the south. The majority of the site is shown to be underlain by mudstone, siltstone and minor sandstone, and a sandstone unit on the very northern corner. The solid strata beneath the site are designated a Secondary A Aquifer. There are no groundwater abstractions within 1km of the site. The nearest surface water is the River Dearne which lies 350m to the south. There are no sensitive water abstractions within 1km of the site. There is one recorded landfill 50m to the north. A well is recorded on the middle of the northern half of the site.

5.8 The site has been a residential property since at least 1854, and in later years has been used for a haulage company. Archive maps show a tank near the middle of the eastern boundary (probably a diesel tank), which is no longer evident, and has presumably been removed as part of the recent clearance of the site. There is anecdotal evidence that servicing of vehicles has been carried out on the site (two vehicle inspection pits). The most likely contamination sources are considered to be:

5.8.1 Possible made ground (including any residual rubble from demolition of buildings): - metals inorganics, TPH, PAH, phenol, asbestos.

5.8.2 Possible hydrocarbons from parking and possible servicing of vehicles on the site.

5.8.3 Landfill 50m to the north: - methane and carbon dioxide.

5.9 The conceptual model needs to consider sources of contamination, pathways along which contaminants could migrate and the receptors, which may become exposed. Guidance published by the Environment Agency has been consulted with regard to pathways and receptors. The potential sources, pathways, and receptors, applicable to the proposed development are identified on the table on the following page.

Potential Source - Pathway - Receptor Matrix

Contamination Sources	Pathways	Receptors
Possible made ground - metals, inorganics, TPH, PAH, phenol, asbestos.	- Inhalation, ingestion and dermal contact with soil and dust - Fruit and vegetable intake, with soil - Vapour inhalation outdoor - Vapour inhalation indoor	Humans:- - Future occupants - Construction workers - Maintenance workers - Adjacent residents and general public
Possible hydrocarbons from parking and possible servicing of vehicles on the site.	- Migration in surface water - Migration in groundwater (including via the on-site well)	Controlled waters:- - Groundwater (Secondary A Aquifer, no abstractions within 1km) - Surface water (nearest is the River Dearne 350m to the south. No sensitive abstractions within 1km)
Landfill 50m to the north: - methane and carbon dioxide.	Root uptake	Vegetation:- - Landscape areas - Private gardens
	Migration	Services/Utilities:- Potable water supply
Landfill 50m to north - methane and carbon dioxide.	- Asphyxiation - Explosive risk	- Construction/demolition workers - Future occupants - Buildings

5.10 The above matrix indicates there are several potential source - pathway – receptor linkages applicable to the proposed development.

Further Investigation

5.11 The existence of the possible contamination sources is not yet known, and it is recommended that a ground investigation on a grid system is implemented, together with sampling and testing of the materials encountered for the potential contaminants of concern to assess this possibility. The investigation should be implemented in accordance

with BS10175: 2011 + A1: 2013 "Investigation of potentially contaminated sites - Code of practice" and any targeted sampling should also be implemented, including the vicinity of the former tank on the middle east of the site. This will enable refinement of the conceptual model and a full assessment of the risks to be made, enabling any remedial strategy to be determined.

- 5.12 Samples of any made ground and topsoil should be issued for testing to a UKAS accredited laboratory for a broad suite of determinands including metals, inorganics, asbestos, phenols, speciated PAH, and TPH. Speciated assessment of TPH will be required for any elevated levels.
- 5.13 Leachability testing should be undertaken where contamination levels are above the designated screening values.

6.0 COMMENTS AND CONCLUSIONS

Site Description

- 6.1 The site has been cleared of buildings, leaving a generally level area surfaced by a combination of rubble, concrete slabs and bituminous surfacing. Towards the southern boundary, the land slopes away and is retained at/near the boundary by a retaining wall approximately 1.5m high. Until recently, the site was occupied by a detached residential property, with various corrugated metal outbuildings and a yard area, in use as a haulage company base. There is anecdotal evidence that cellars are present below the original building, a cess pit (location uncertain), and two backfilled vehicle inspection pits. An old box van body or goods container was still present on the east of the site, next to a mature tree. There was little other vegetation, comprising only sporadic weeds and small bushes.
- 6.2 A stone wall forms the northern boundary, with Wath Road and residential properties beyond. The road is approximately 1m higher than the site. The site is bounded by residential properties to the east, south, and west, separated by a combination of fences and walls. The houses (bungalows) to the south are at a level significantly lower than the site, with the roofs at a similar height to the ground levels on the site.

Site History

- 6.3 Ordnance Survey archive maps show the site has been the location of a residential property (originally Mount Pleasant) since at least 1854. The surrounding adjacent areas have been progressively developed for residential use.

Geology

- 6.4 The maps show a fault to cross the northeastern corner of the site (approximately 9m into the site), trending northwest to southeast. To the northeast of the fault, Mexborough

Rock is indicated to outcrop, whilst to the southwest of the fault, undifferentiated strata (mudstone, siltstone, and minor sandstone), are indicated to be present.

Coal Mining and Coal Recovery

- 6.5 The Coal Mining Report indicates the site is stable with regard to coal mining.
- 6.6 There will be no arisings of coal during proposed development works, and it will not be possible to win any coal from the site before development.

Environmental Data

- 6.7 The strata beneath the site are classed as a Secondary A Aquifer. There are no groundwater abstractions within 1km of the site.
- 6.8 The nearest downslope surface water is the River Dearne which lies approximately 350m to the south. There are no sensitive surface water abstractions within 1km of site.
- 6.9 No radon protective measures are required for properties constructed on the site.
- 6.10 There is a recorded landfill 50m to the north. Gas monitoring wells should be installed and monitored as part of a future ground investigation.
- 6.11 The site is not at risk from river flooding. The risks of flooding from other causes such as adverse topography or insufficient surface water drainage are not considered here, and a separate specialist Flood Risk and Drainage Report should be commissioned if such risk needs to be quantified.

Likely Ground Conditions and Behaviour of Excavations

- 6.12 The subsoils beneath the site are likely to comprise both cohesive and granular subsoils derived from in situ weathering of the underlying mudstones, siltstones and sandstones. A well is present on the middle of the northern half of the site. This will need to be located, filled with single size stone (if not already filled) and provided with a reinforced concrete cap.
- 6.13 It is likely that excavations into the natural strata will remain stable in the short term, requiring minimal trench support, in accordance with the prevailing statutory guidance. However, instability may be anticipated within any made ground present on the site. The topography indicates that made ground may be present/thicker on the south of the site, from levelling up of the natural slope.
- 6.14 Excavations into the natural subsoils will probably be readily achieved using conventional hydraulic plant. However, a breaker is likely to be required for any buried foundations, structures or obstructions in the made ground, together with any rock which may be at shallow depth. There is indication that basements may be present below the position of the former house.

Contamination Assessment

- 6.15 The desk study has identified the following potential contamination sources:
- 6.15.1 Possible made ground (including demolition rubble): - metals inorganics, TPH, PAH, phenol, asbestos.
- 6.15.2 Possible hydrocarbons from parking and possible servicing of vehicles on the site.
- 6.15.3 Landfill 50m to the north: - methane and carbon dioxide.

and that there is a possibility of source - pathway - receptor linkages if the site is redeveloped with the proposed residential dwellings.

- 6.16 The existence of the possible contamination sources is not known, and it is recommended that a ground investigation is implemented, involving sampling on a grid system, along with any targeted sampling and testing including the vicinity of the former tank on the middle east of the site. This will enable a refinement of the conceptual model and a full assessment of risks to be undertaken, enabling any Remediation Strategy to be determined.

Foundations

- 6.17 It is anticipated that traditional strip or trench fill foundations will be acceptable for the site, subject to the thickness of existing fill material and proposed loading. This will need to be confirmed by an intrusive investigation. The foundations should be reinforced using two layers of B503 mesh on the northeastern half of the site, within 20m of the conjectured fault location, to mitigate the risks of differential settlement associated with potential deeply weathered or disturbed zones.
- 6.18 The foundations will need to be taken below any existing made ground, including cellars and foundations, to bear onto the natural strata. There may also be a legacy of buried services. Foundation loads should not be allowed to impinge on any retaining walls, and should be taken below a line drawn upslope at 1 in 3 (in cross section), from the base of any slope.

Road Pavement Construction

- 6.19 For any areas of road pavement, including car parking areas, the design California Bearing Ratio (CBR) will depend upon the exact nature of the formation. On natural subsoils, it is anticipated a design CBR of at least 2% will be applicable. If significant

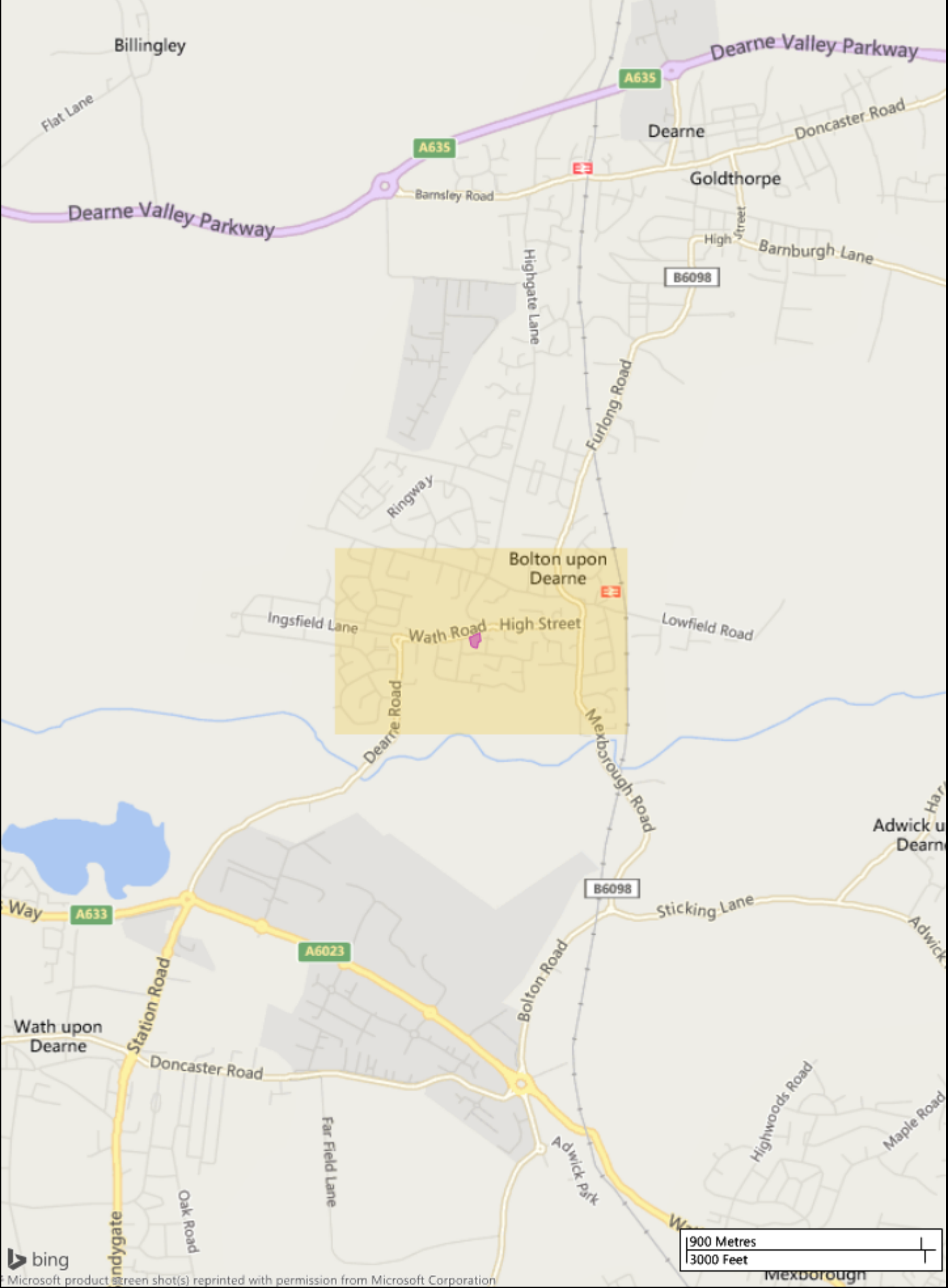
made ground is present, a formation on natural strata is likely to be impractical. There are several potential solutions for this situation, but one commonly used solution is to either fully or partially excavate the made ground and replace with granular material compacted in layers, with the thickness of the required works possibly minimised by the use of geogrid layers.

Soakaways

- 6.20 Given the slope of the site, and the probable low permeability of the underlying strata, the use of soakaway drainage is unlikely to be feasible on the site.

A P P E N D I X A

SITE LOCATION PLAN, AERIAL PHOTOGRAPH AND SITE SURVEY



Project Id:	ECL/05	Title:	AERIAL PHOTOGRAPH
Project Title:	Wath Road	Scale:	1:1000
Location:	Bolton Upon Dearne	Engineer:	ARP Geotechnical Ltd
Client:	Eton Construction Limited	Contractor:	

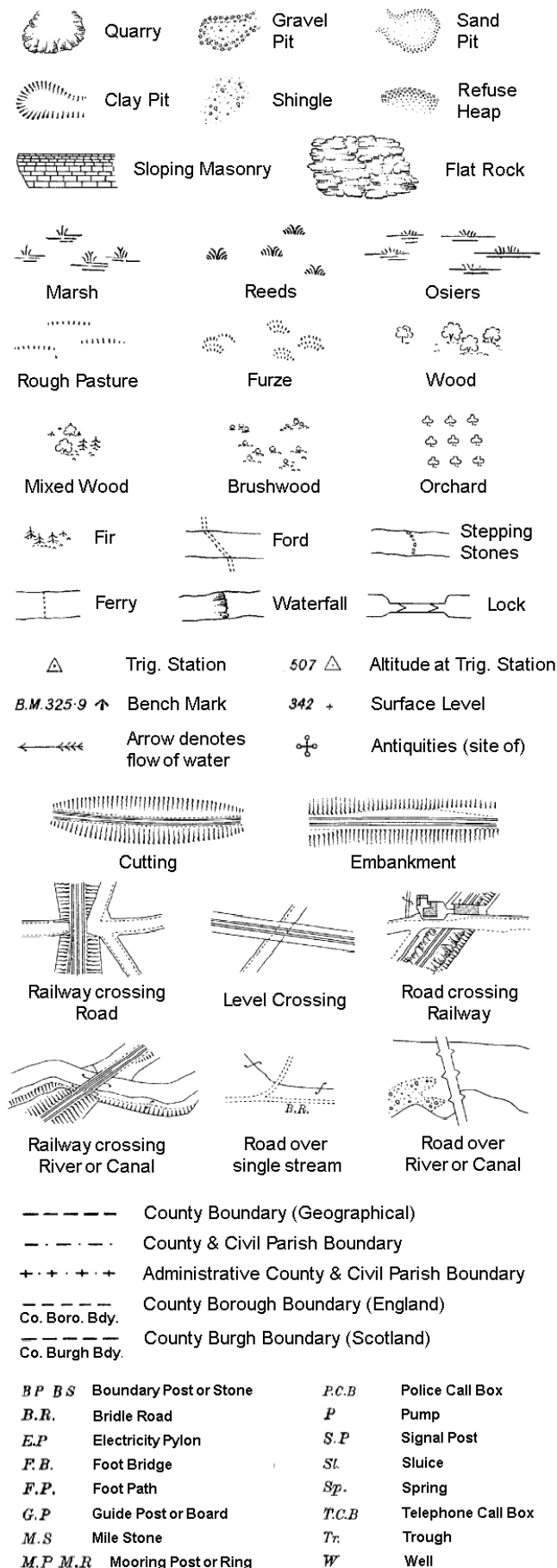


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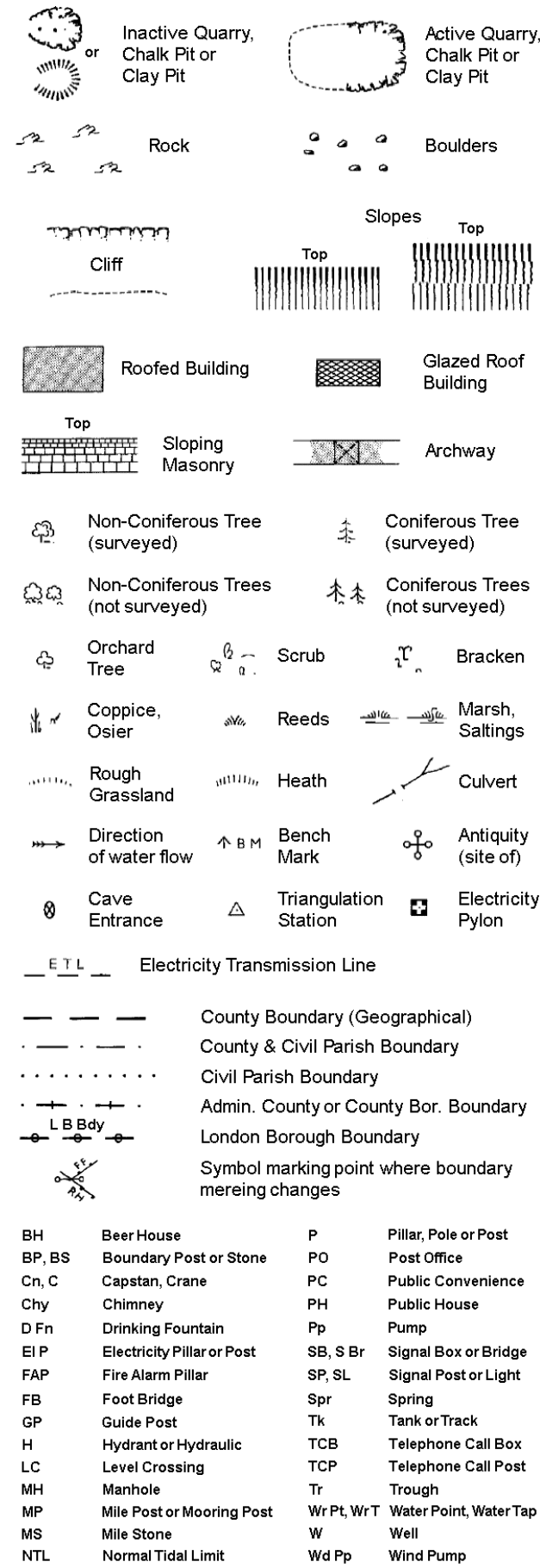
ORDNANCE SURVEY ARCHIVE MAPS

Historical Mapping Legends

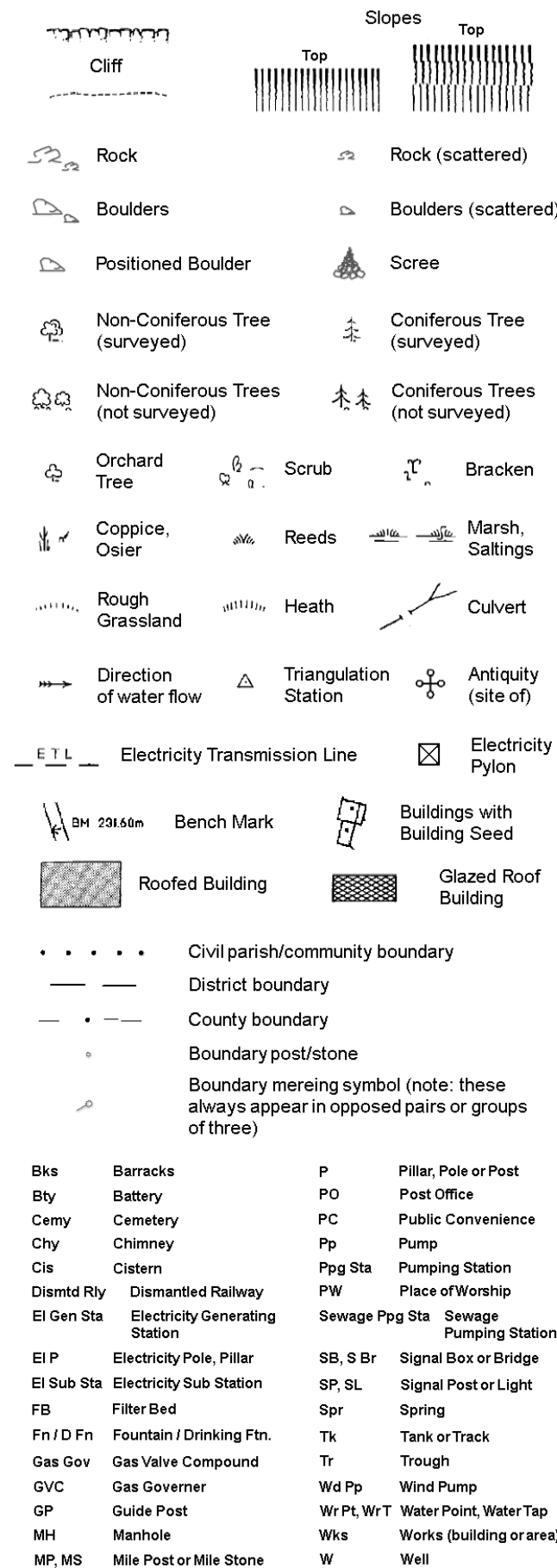
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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

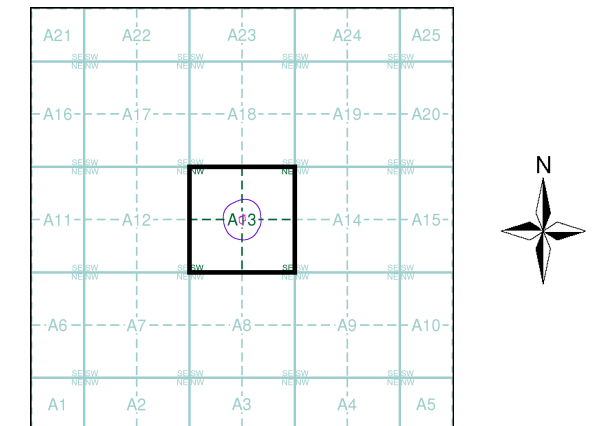


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1892	2
Yorkshire	1:2,500	1903	3
Yorkshire	1:2,500	1930	4
Ordnance Survey Plan	1:1,250	1961	5
Ordnance Survey Plan	1:2,500	1962	6
Ordnance Survey Plan	1:1,250	1971 - 1977	7
Additional SIMs	1:1,250	1977 - 1979	8
Additional SIMs	1:1,250	1982 - 1985	9
Additional SIMs	1:1,250	1988	10
Additional SIMs	1:1,250	1991	11
Large-Scale National Grid Data	1:1,250	1993	12
Large-Scale National Grid Data	1:1,250	1994 - 1995	13

Historical Map - Segment A13



Order Details

Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

17 Wath Road, Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8LQ



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



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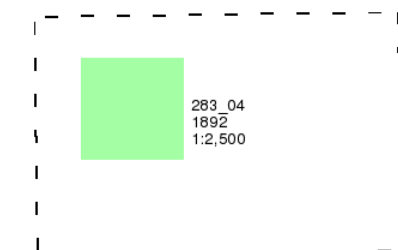
Yorkshire

Published 1892

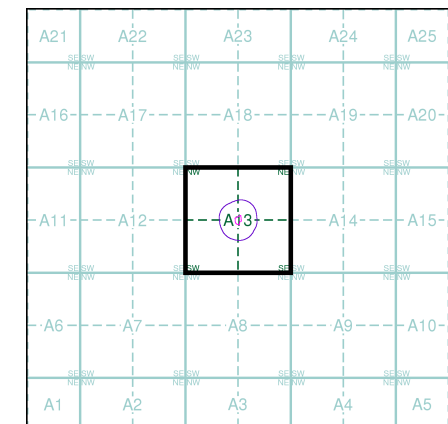
Source map scale - 1:2,500

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

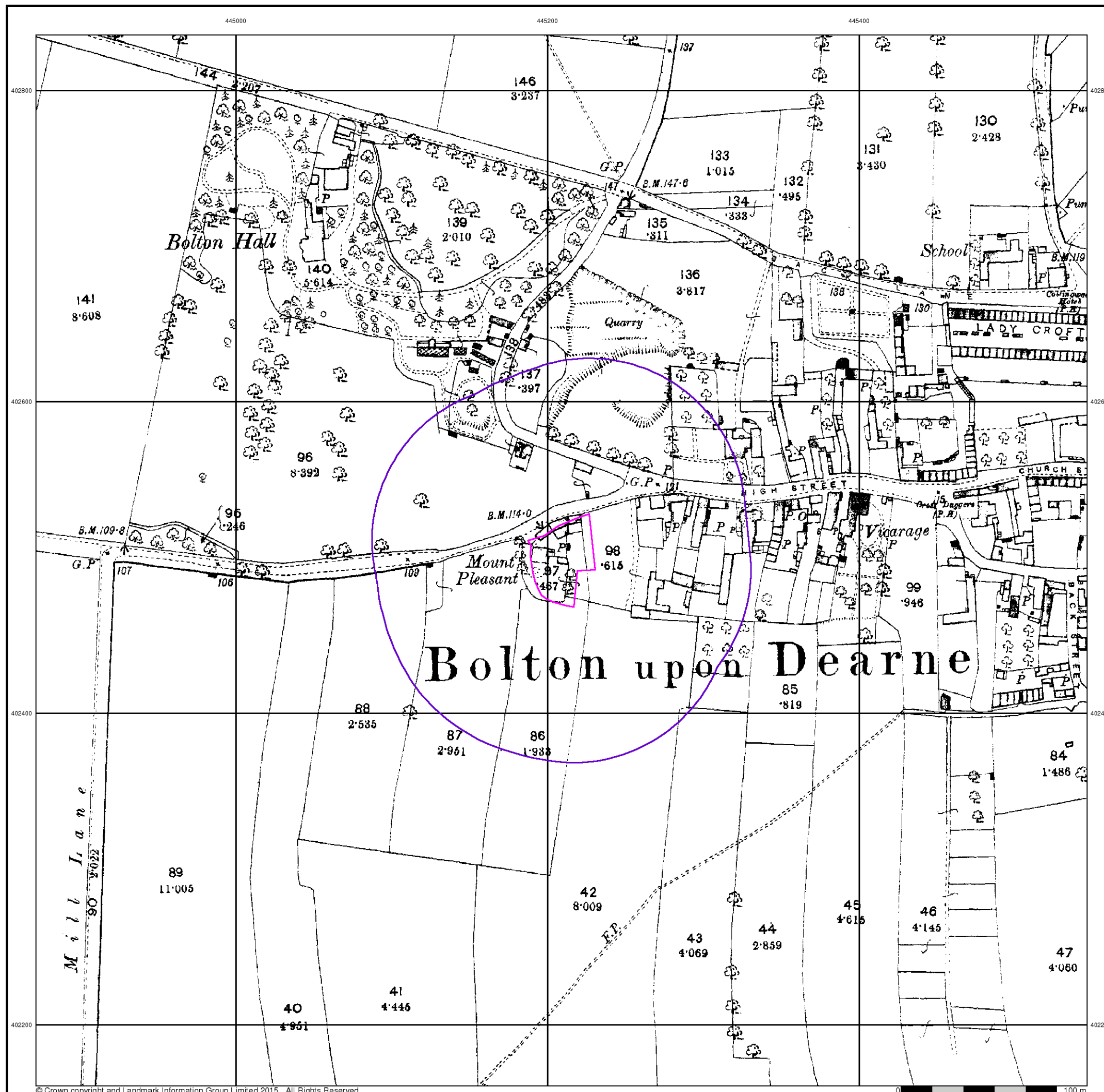
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Customer Ref: ECL/05
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Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

17 Wath Road, Bolton-upon-Dearne, ROTHERHAM, South
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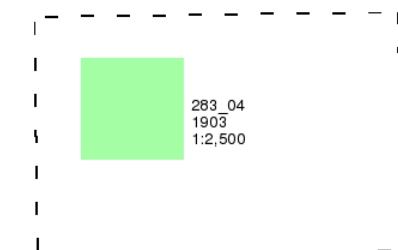
Yorkshire

Published 1903

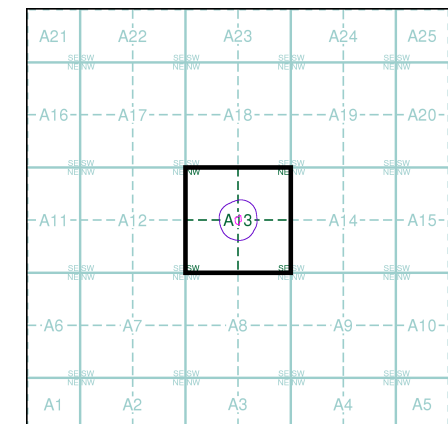
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Historical Map - Segment A13



Order Details

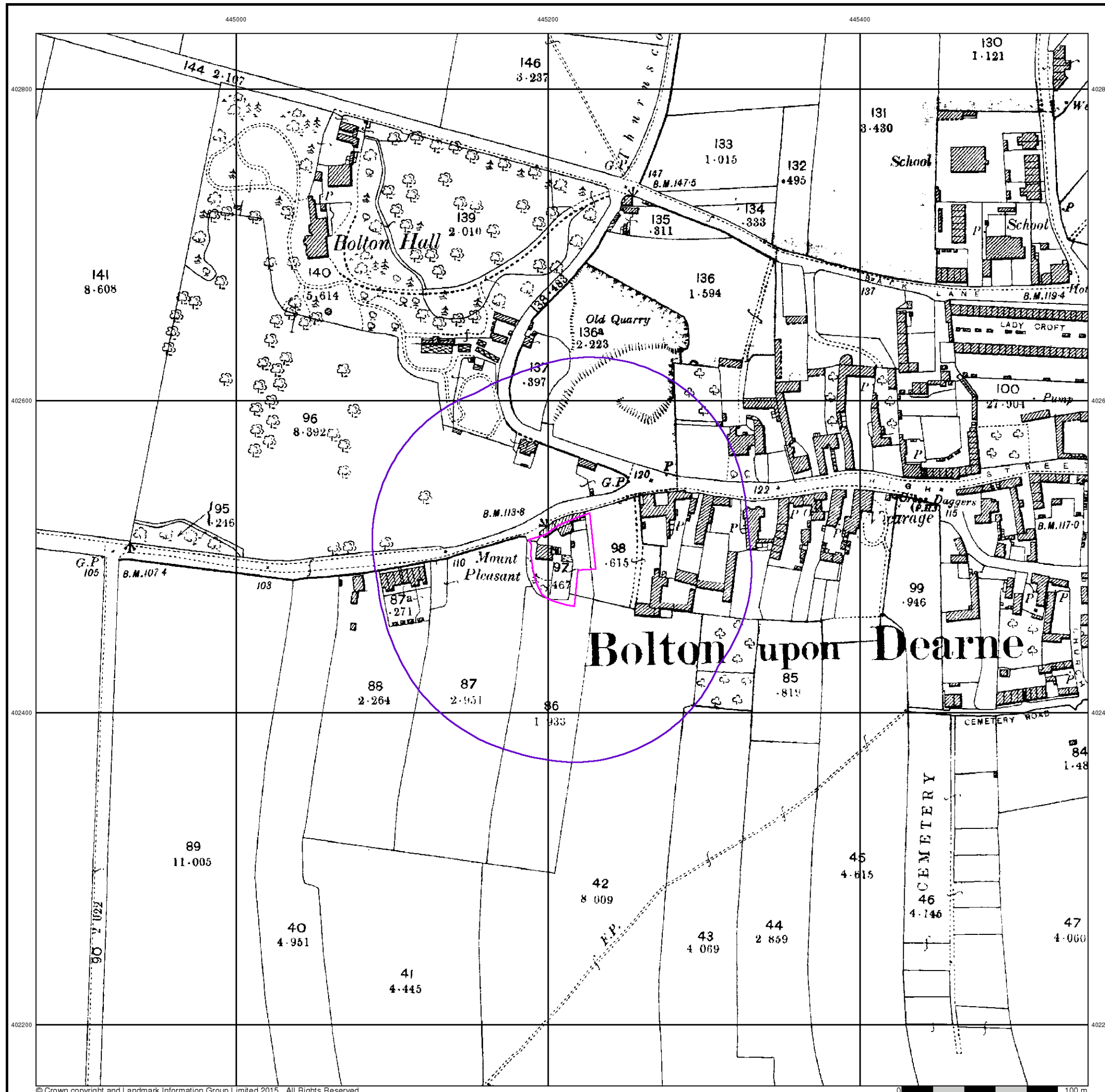
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Site Area (Ha): 0.17
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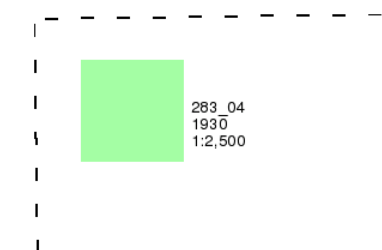
Yorkshire

Published 1930

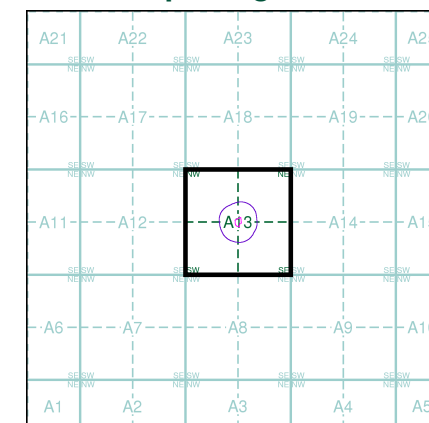
Source map scale - 1:2,500

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

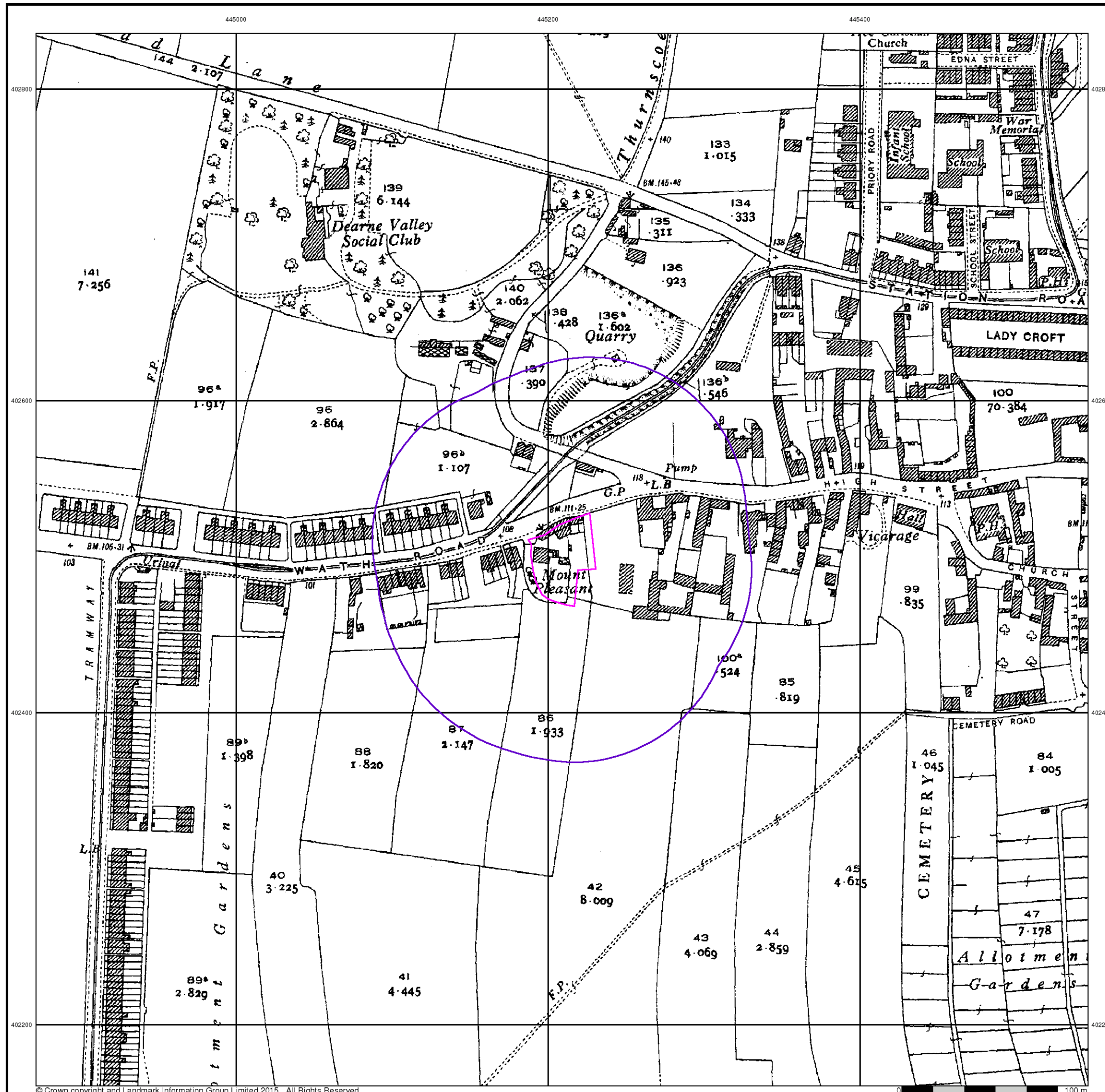
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

17 Wath Road, Bolton-upon-Dearne, ROTHERHAM, South
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Ordnance Survey Plan

Published 1961

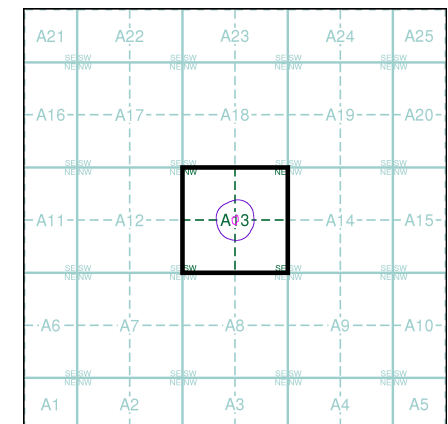
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SE4402NE 1961 1:1,250	SE4502NW 1961 1:1,250	SE4502NE 1961 1:1,250
SE4402SE 1961 1:1,250	SE4502SW 1961 1:1,250	SE4502SE 1961 1:1,250

Historical Map - Segment A13



Order Details

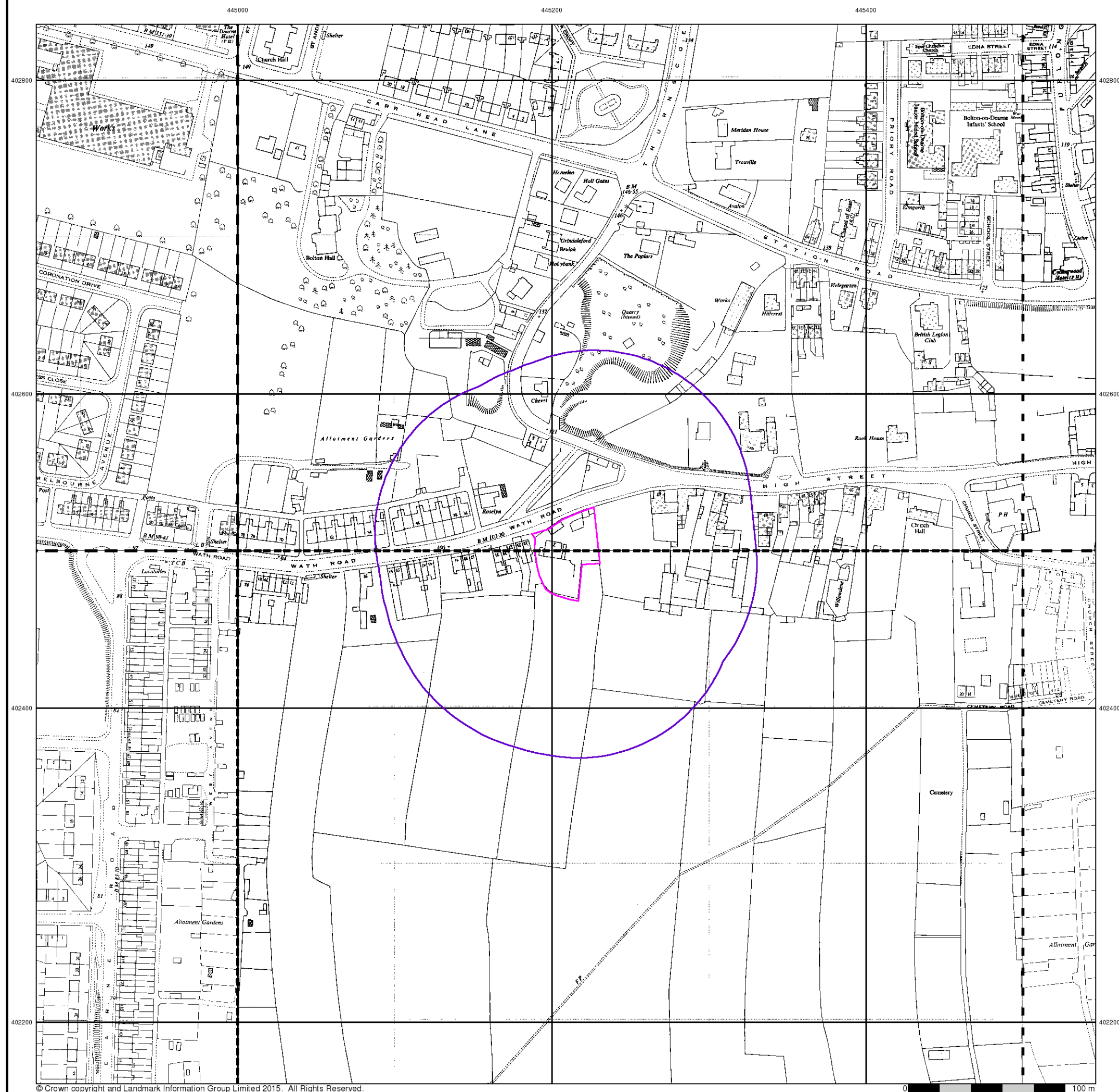
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

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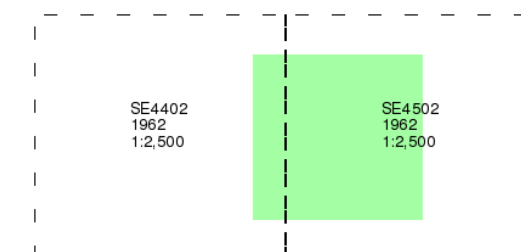


Published 1962

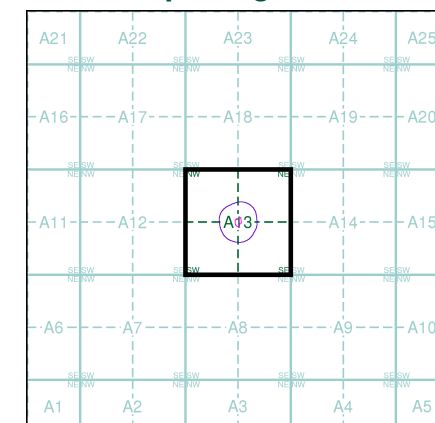
Source map scale - 1:2,500

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

Order Number:	91804770_1_1
Customer Ref:	ECL/05
National Grid Reference:	445210, 402500
Slice:	A
Site Area (Ha):	0.17
Search Buffer (m):	100

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Ordnance Survey Plan

Published 1971 - 1977

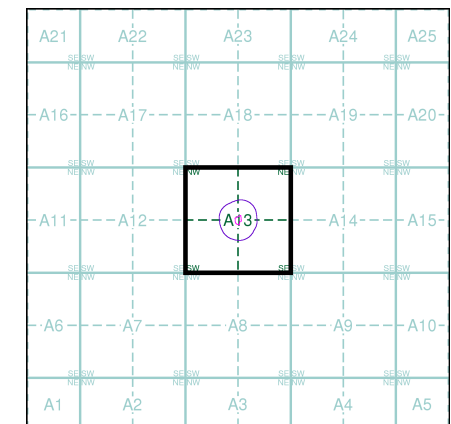
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SE4402NE 1977 1:1,250	SE4502NW 1973 1:1,250	SE4502NE 1975 1:1,250
SE4402SE 1972 1:1,250	SE4502SW 1973 1:1,250	SE4502SE 1971 1:1,250

Historical Map - Segment A13



Order Details

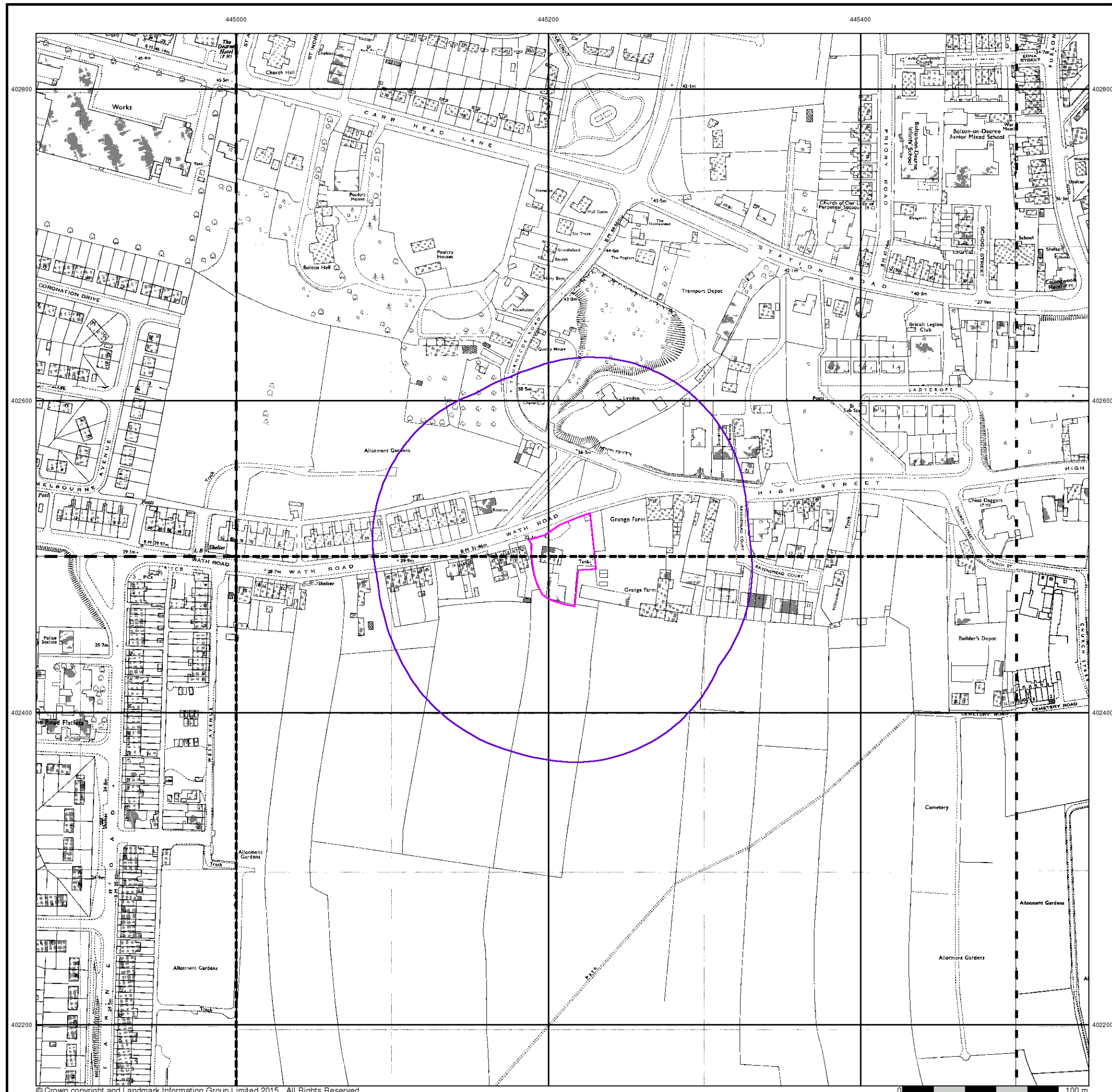
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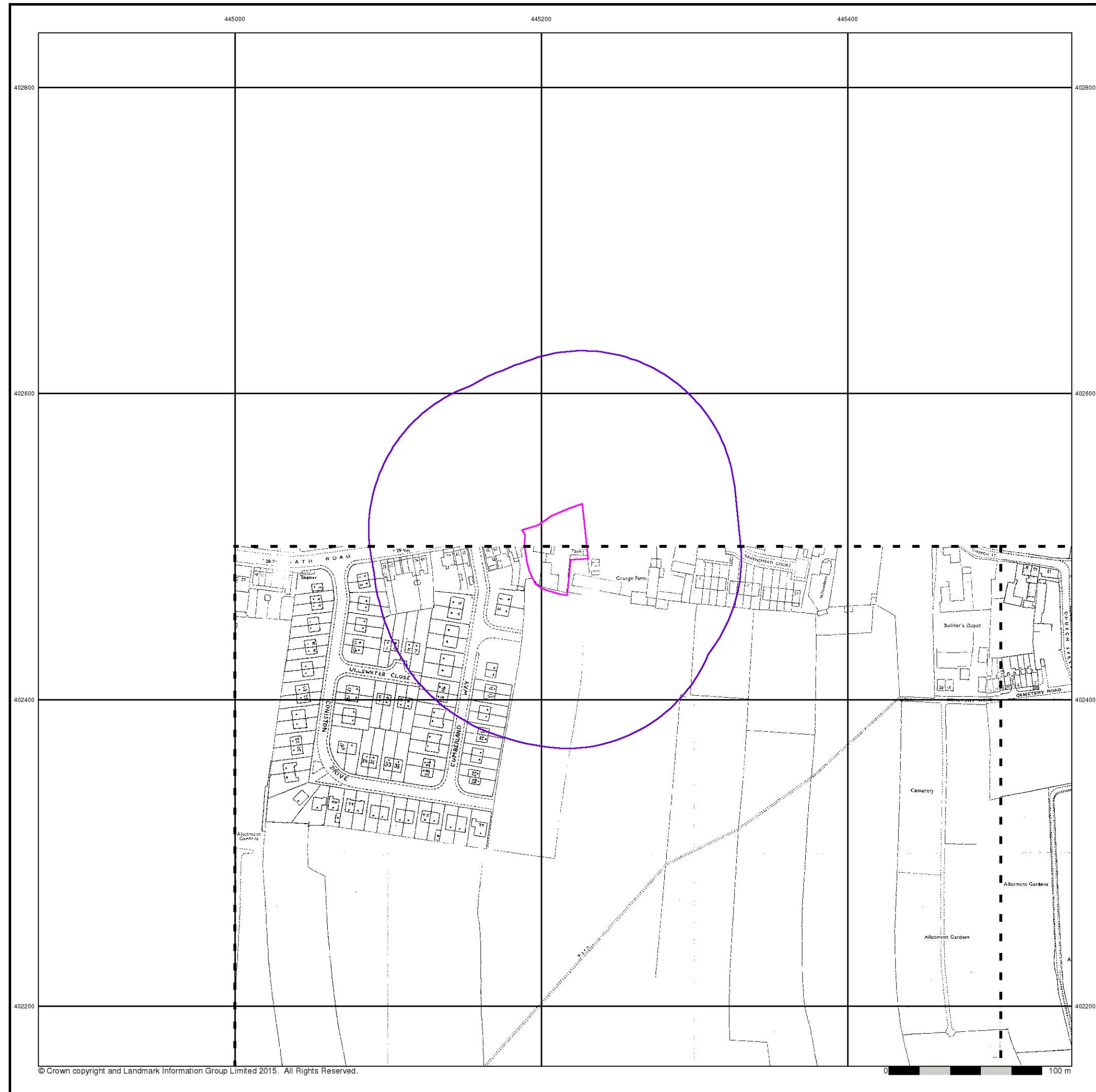
Site Details

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Additional SIMs

Published 1977 - 1979

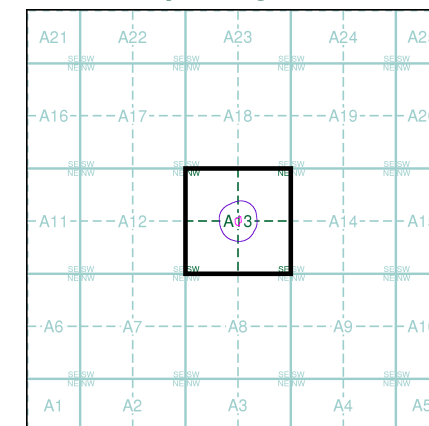
Source map scale - 1:1,250

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)

SE4502SW 1977 1:1,250	SE4502SE 1979 1:1,250
-----------------------------	-----------------------------

Historical Map - Segment A13



Order Details

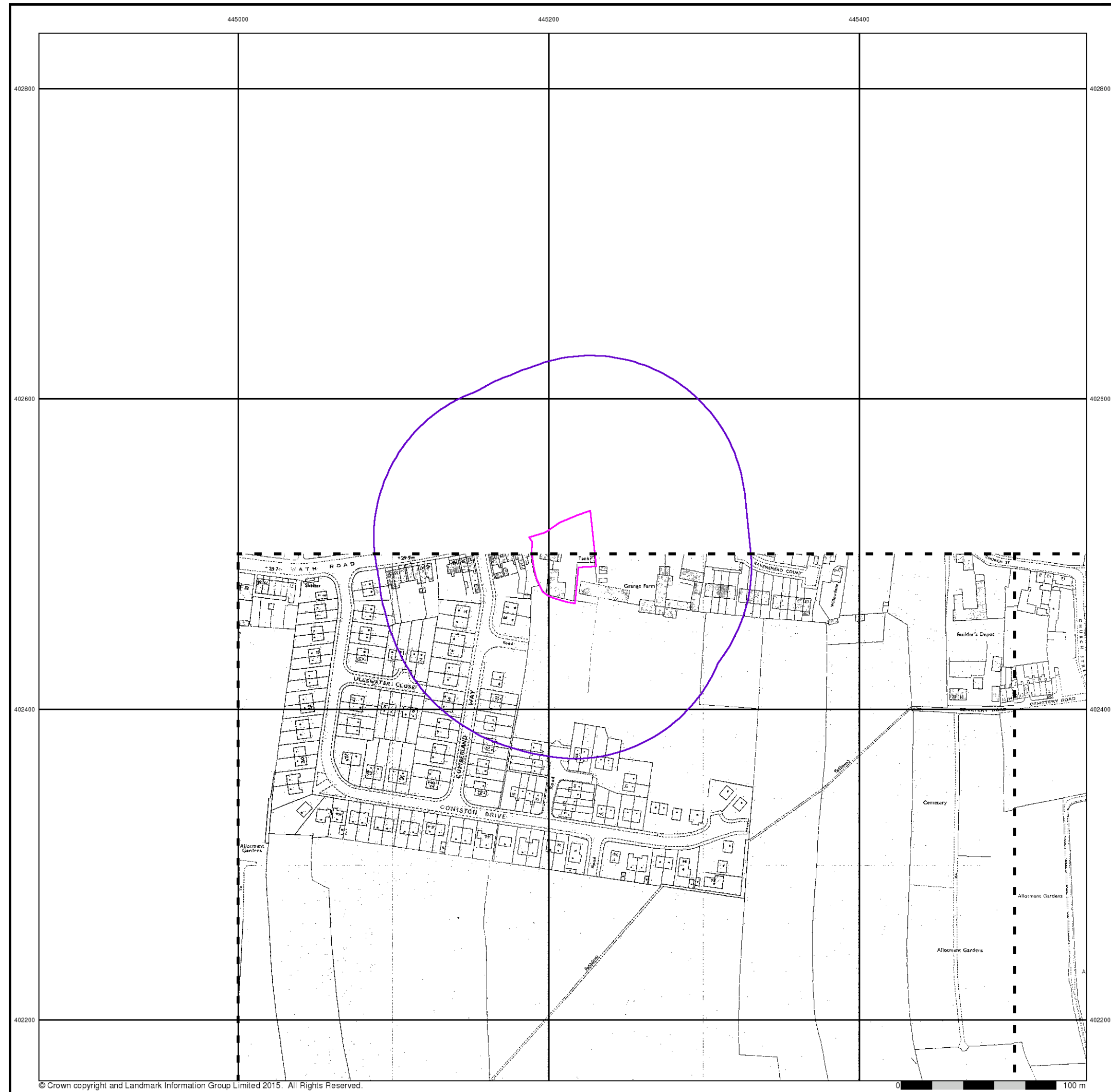
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
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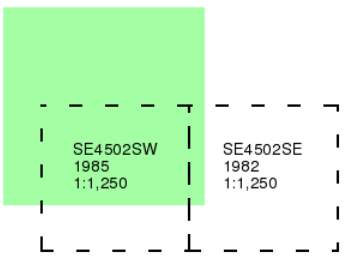
Additional SIMs

Published 1982 - 1985

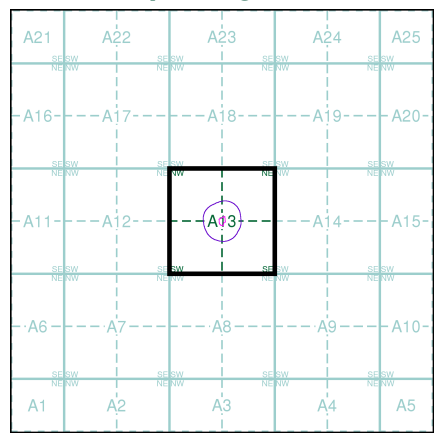
Source map scale - 1:1,250

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

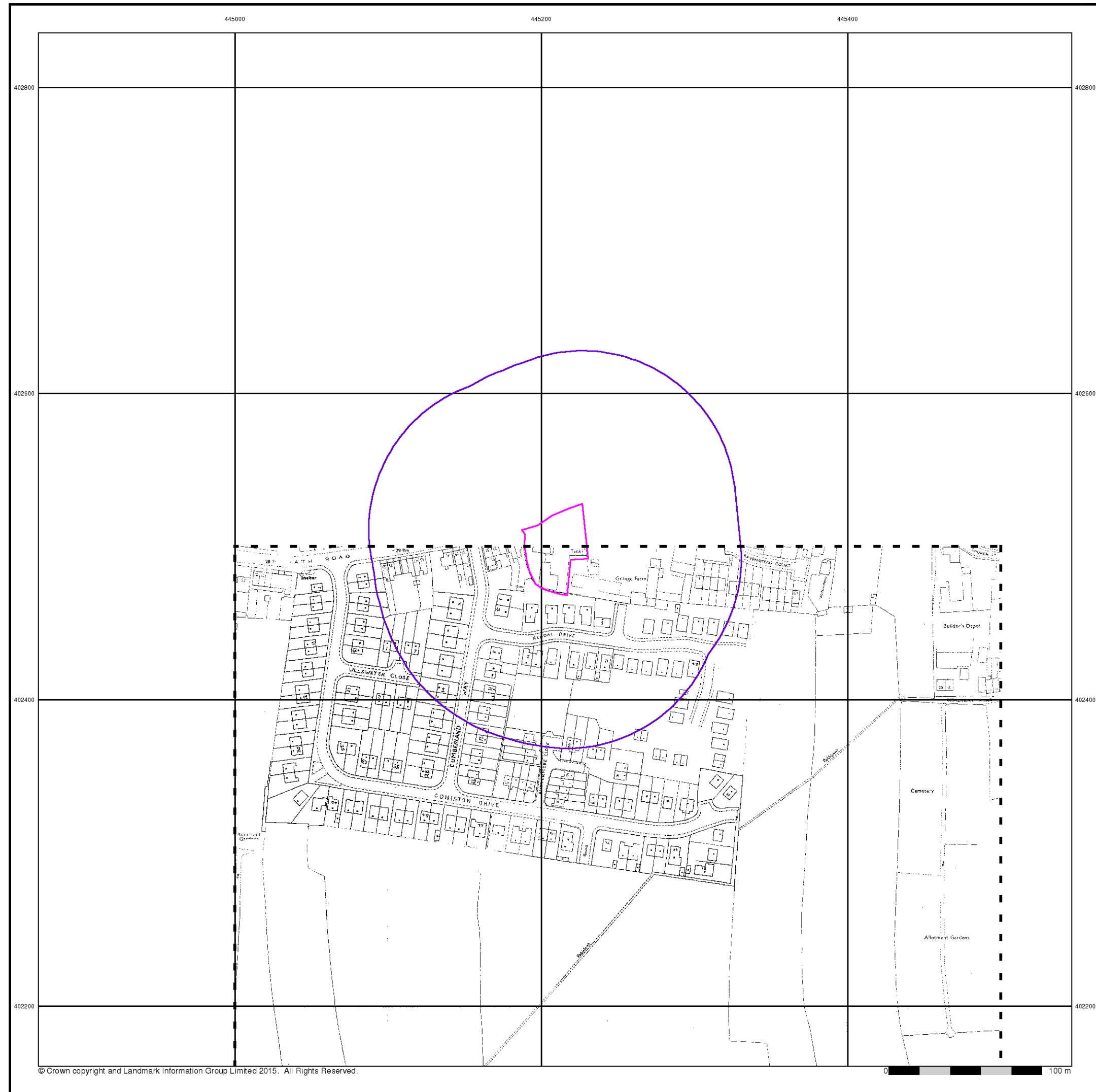
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
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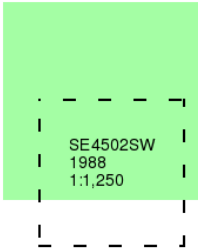
Additional SIMs

Published 1988

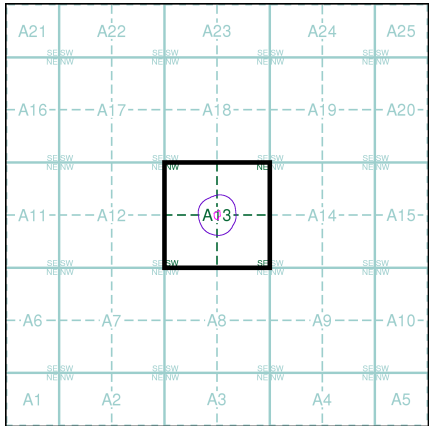
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 91804770_1_1
Customer Ref: ECL/05
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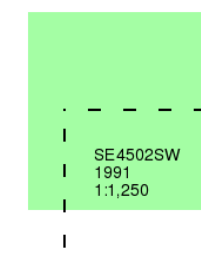
Additional SIMs

Published 1991

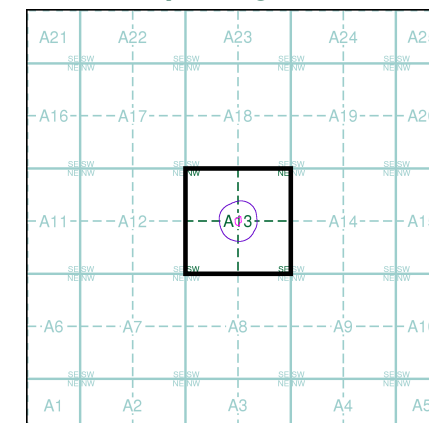
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

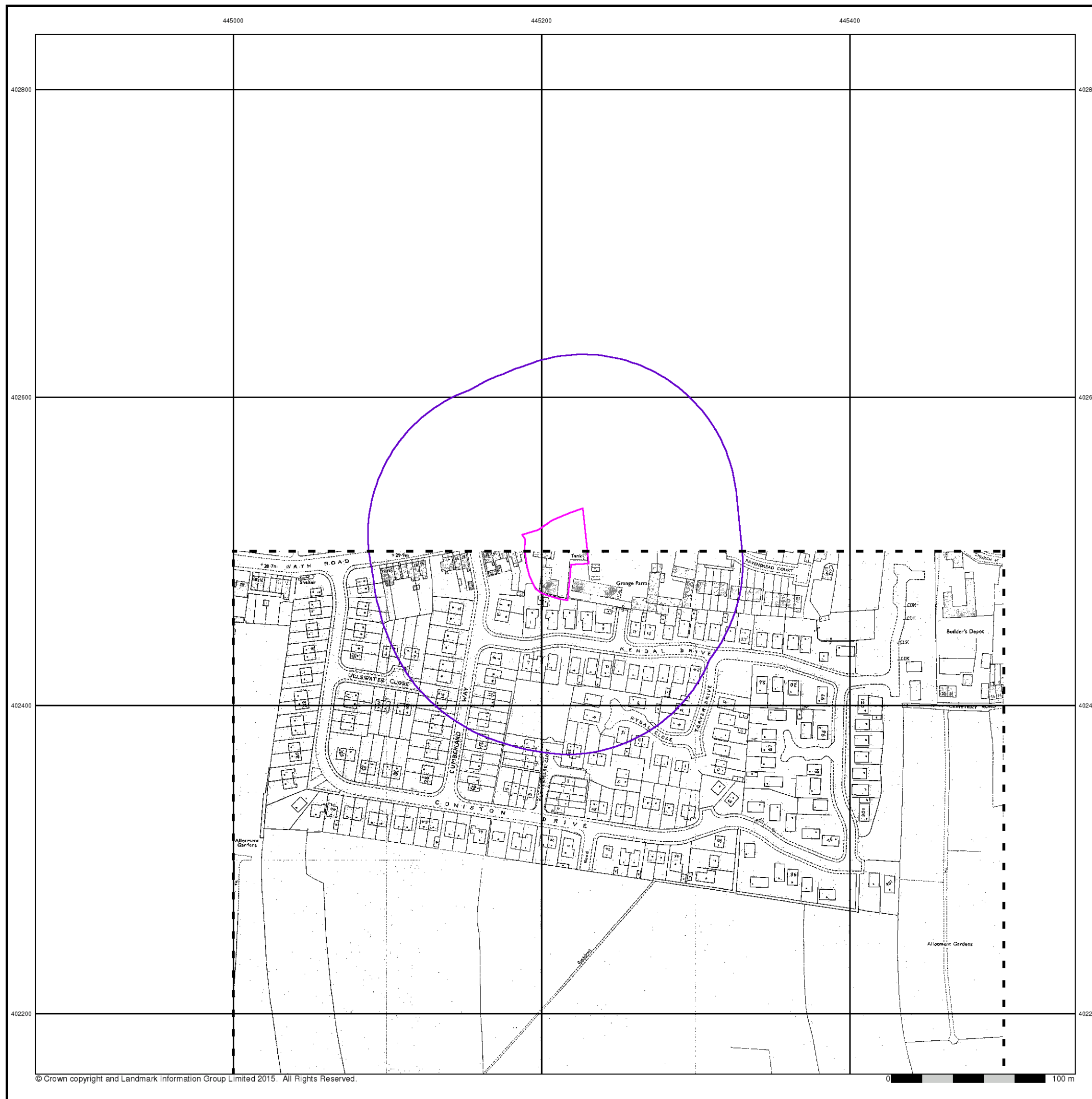
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
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Large-Scale National Grid Data

Published 1993

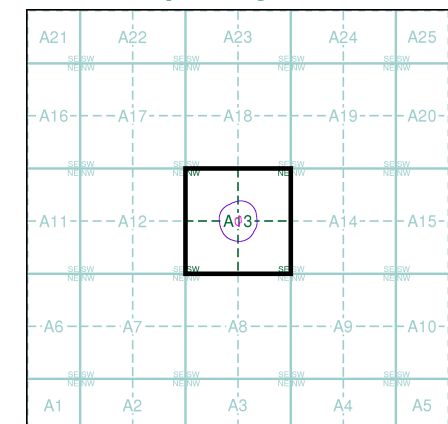
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SE4402NE 1993 1:1,250	SE4502NW 1993 1:1,250	SE4502NE 1993 1:1,250
SE4402SE 1993 1:1,250	SE4502SW 1993 1:1,250	SE4502SE 1993 1:1,250

Historical Map - Segment A13



Order Details

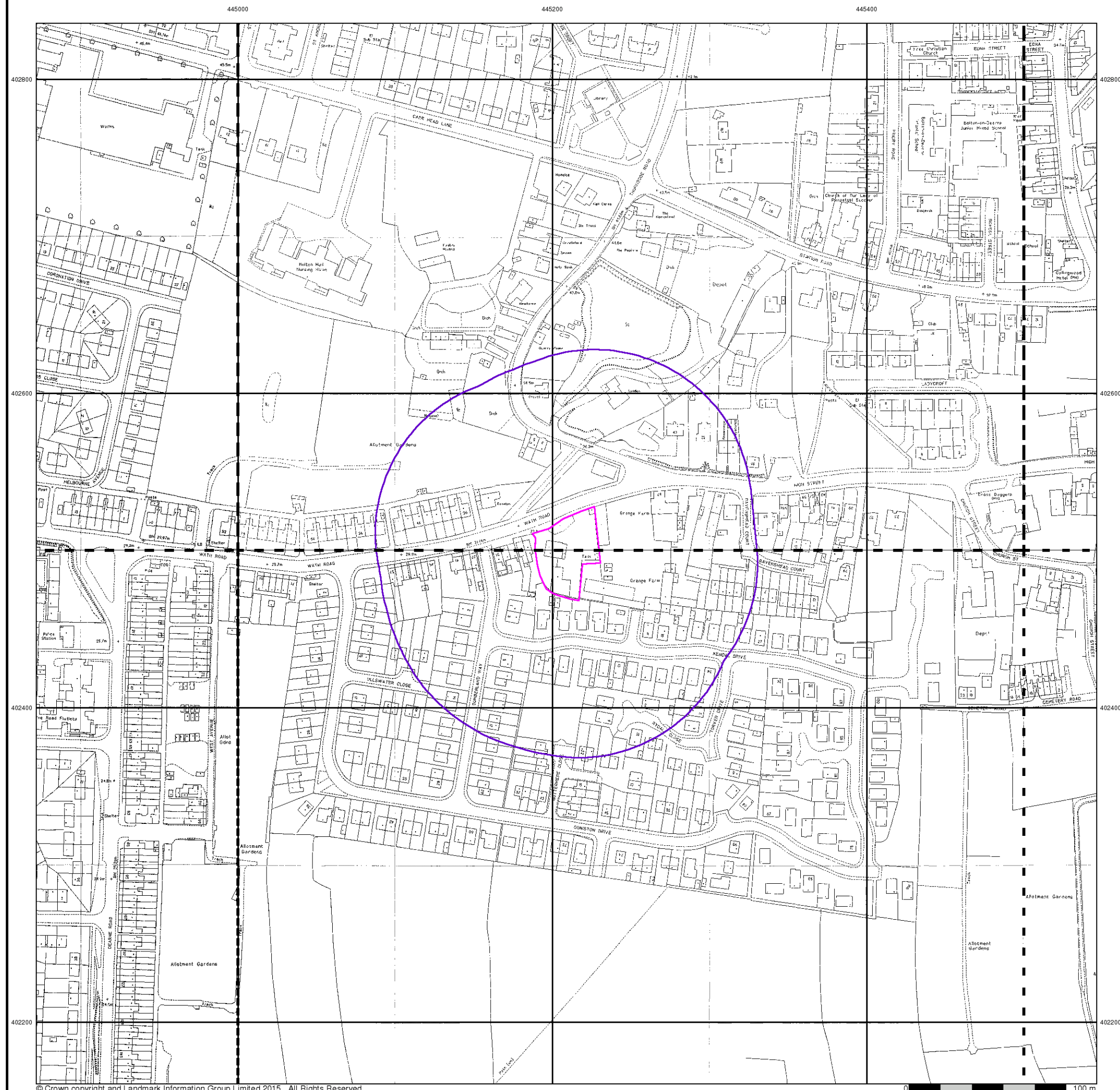
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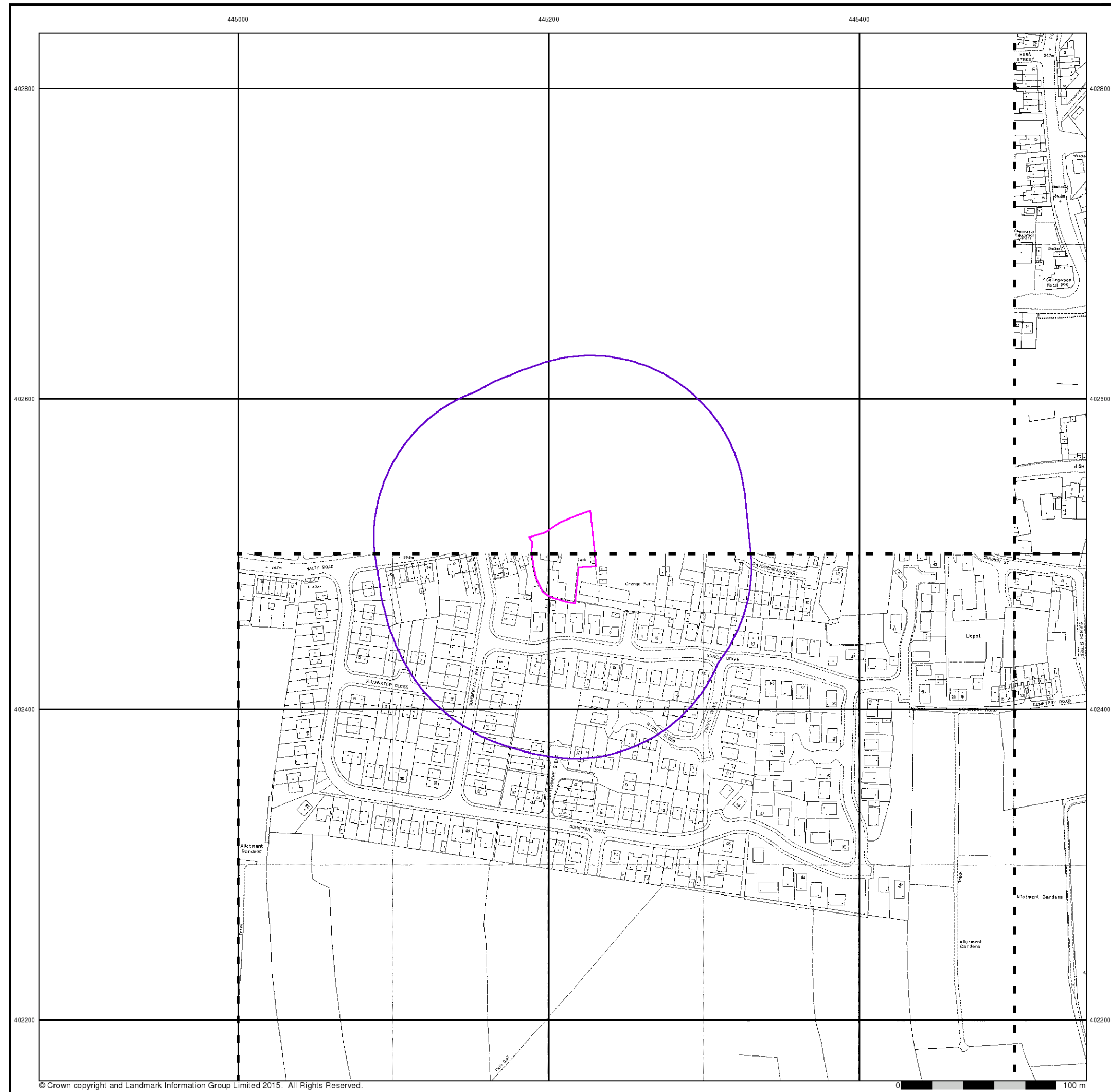
Site Details

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Large-Scale National Grid Data

Published 1994 - 1995

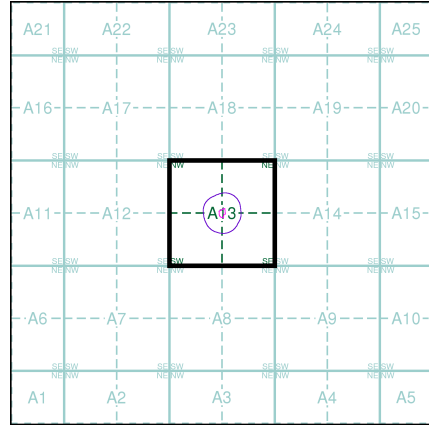
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

	SE4502NE	
	1994	
	1:1,250	
SE4502SW	SE4502SE	
1995	1995	
1:1,250	1:1,250	

Historical Map - Segment A13



Order Details

Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 100

Site Details

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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		Minor Roads		
	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				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	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
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		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
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	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
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	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

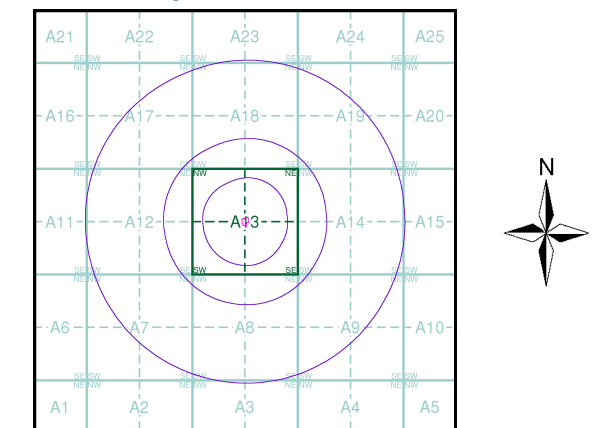


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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1854 - 1855	2
Yorkshire	1:10,560	1893	3
Yorkshire	1:10,560	1894	4
Yorkshire	1:10,560	1905 - 1906	5
Yorkshire	1:10,560	1931 - 1932	6
Yorkshire	1:10,560	1938	7
Yorkshire	1:10,560	1948 - 1950	8
Ordnance Survey Plan	1:10,000	1956	9
Ordnance Survey Plan	1:10,000	1966 - 1967	10
Ordnance Survey Plan	1:10,000	1976	11
Ordnance Survey Plan	1:10,000	1980 - 1988	12
Ordnance Survey Plan	1:10,000	1989	13
10K Raster Mapping	1:10,000	2000	14
Street View	1:10,000	2016	15

Historical Map - Slice A



Order Details

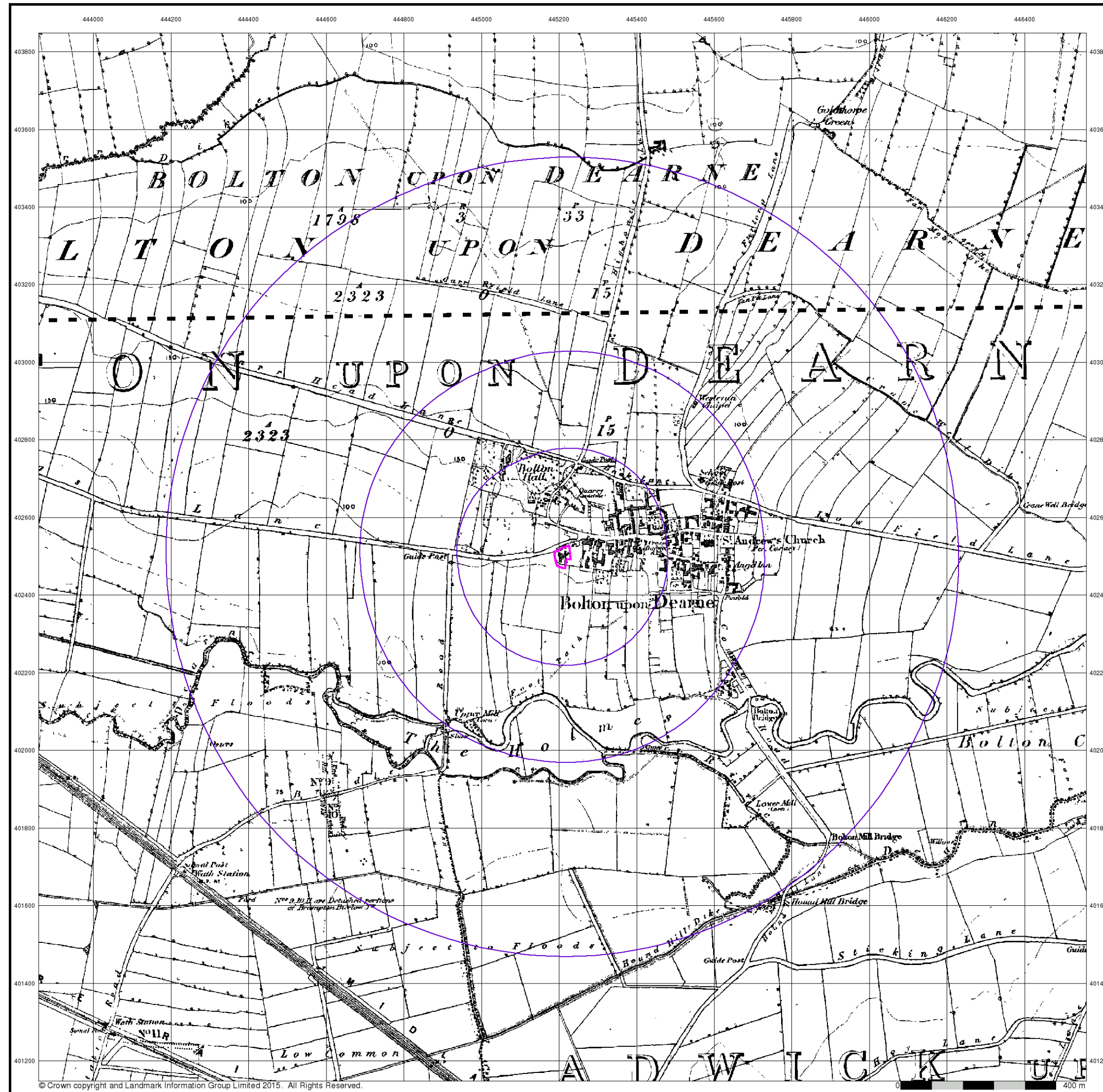
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

17 Wath Road, Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8LQ



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Yorkshire

Published 1854 - 1855

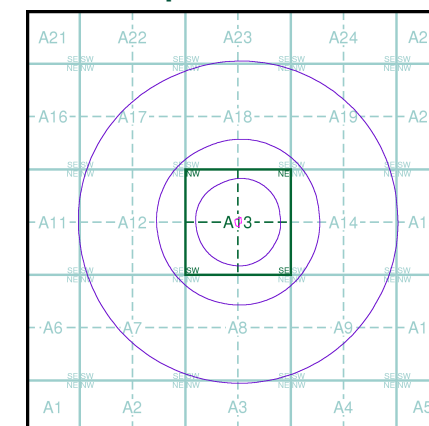
Source map scale - 1:10,560

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)

27500	1854	1:10,560
28300	1855	1:10,560

Historical Map - Slice A



Order Details

Order Number: 91804770_1_1
Customer Ref: ECL/05
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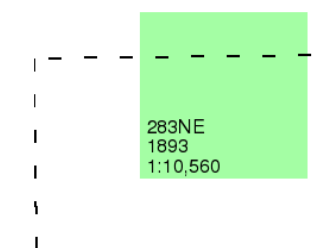
Yorkshire

Published 1893

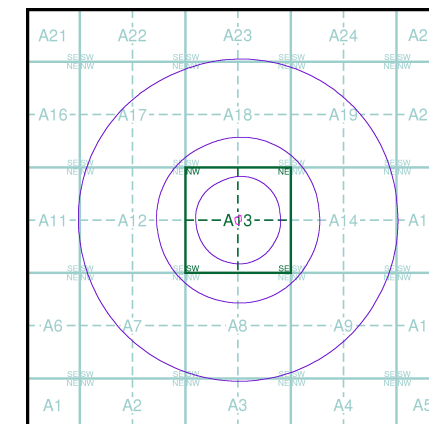
Source map scale - 1:10,560

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

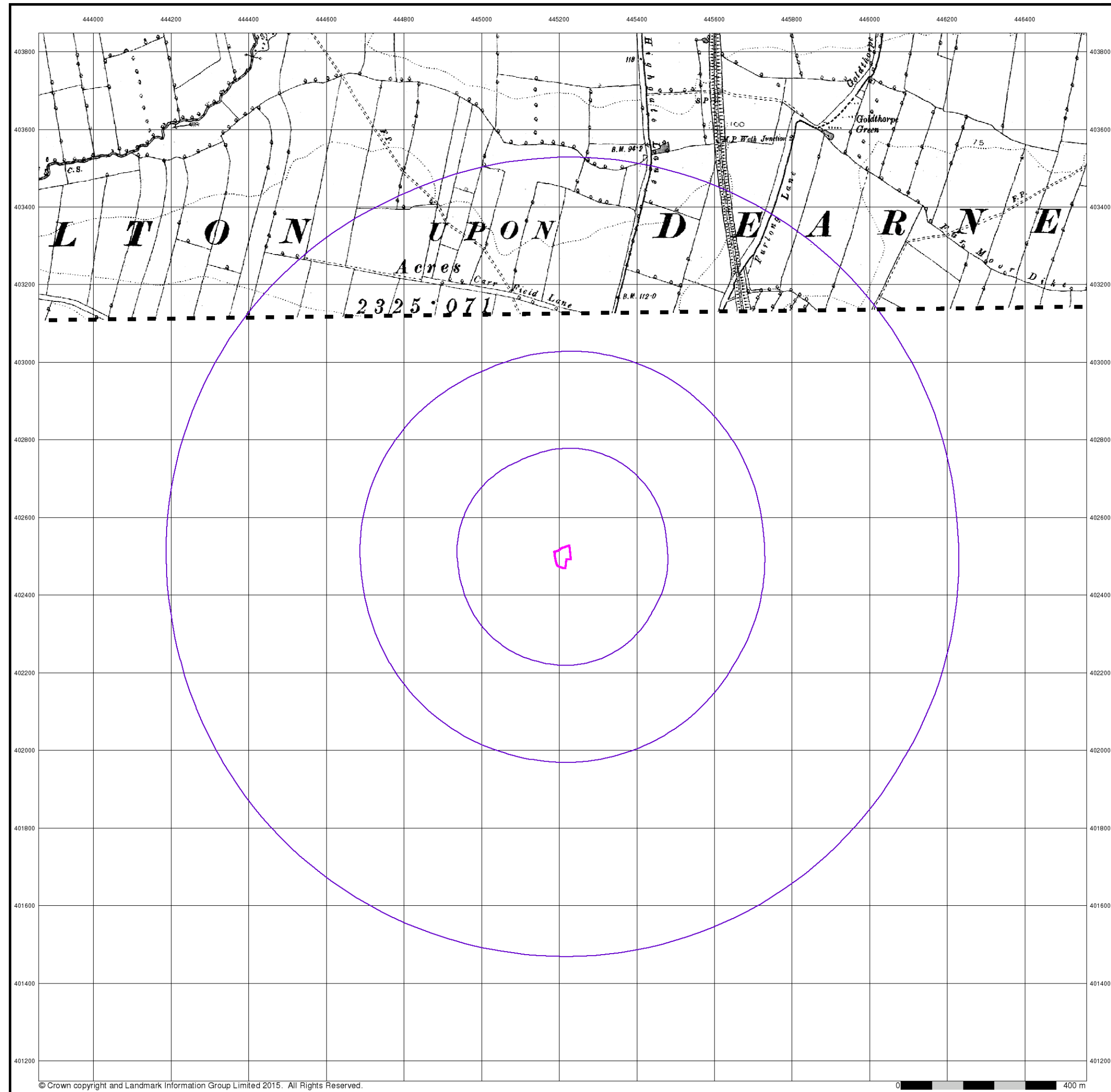
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
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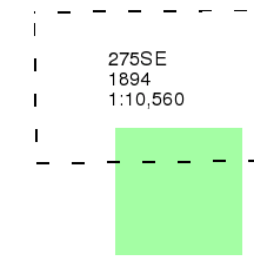
Yorkshire

Published 1894

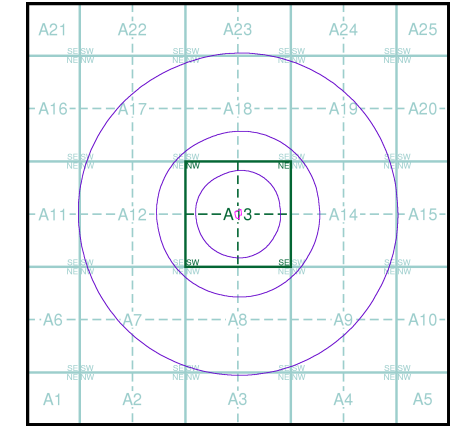
Source map scale - 1:10,560

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

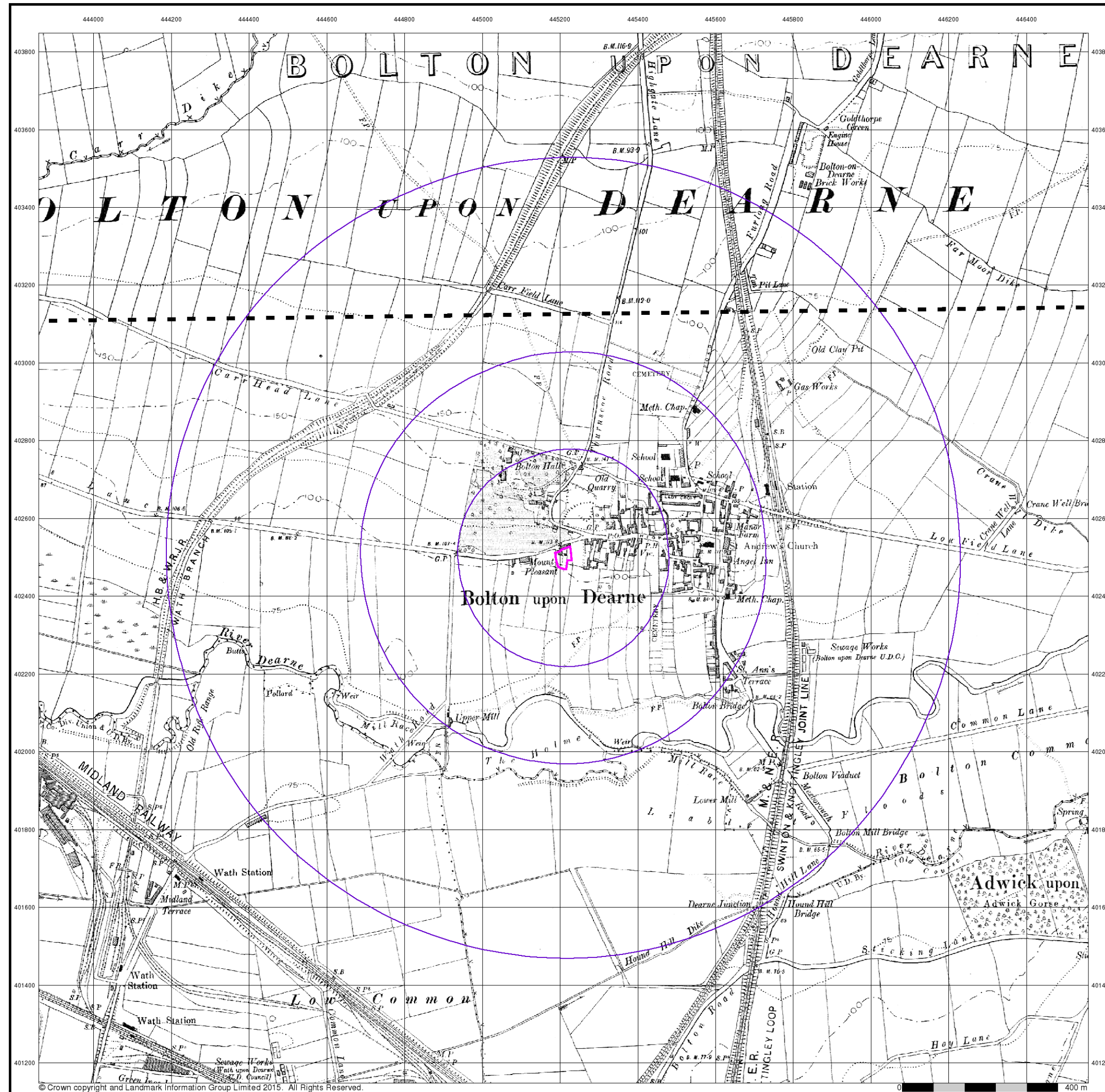
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

17 Wath Road, Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8LQ



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Yorkshire

Published 1905 - 1906

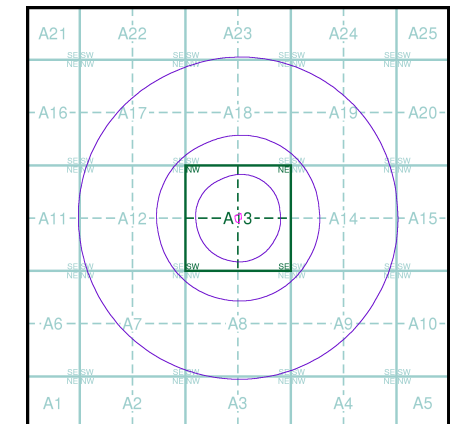
Source map scale - 1:10,560

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)

275SE
1906
1:10,560
283NE
1905
1:10,560

Historical Map - Slice A



Order Details

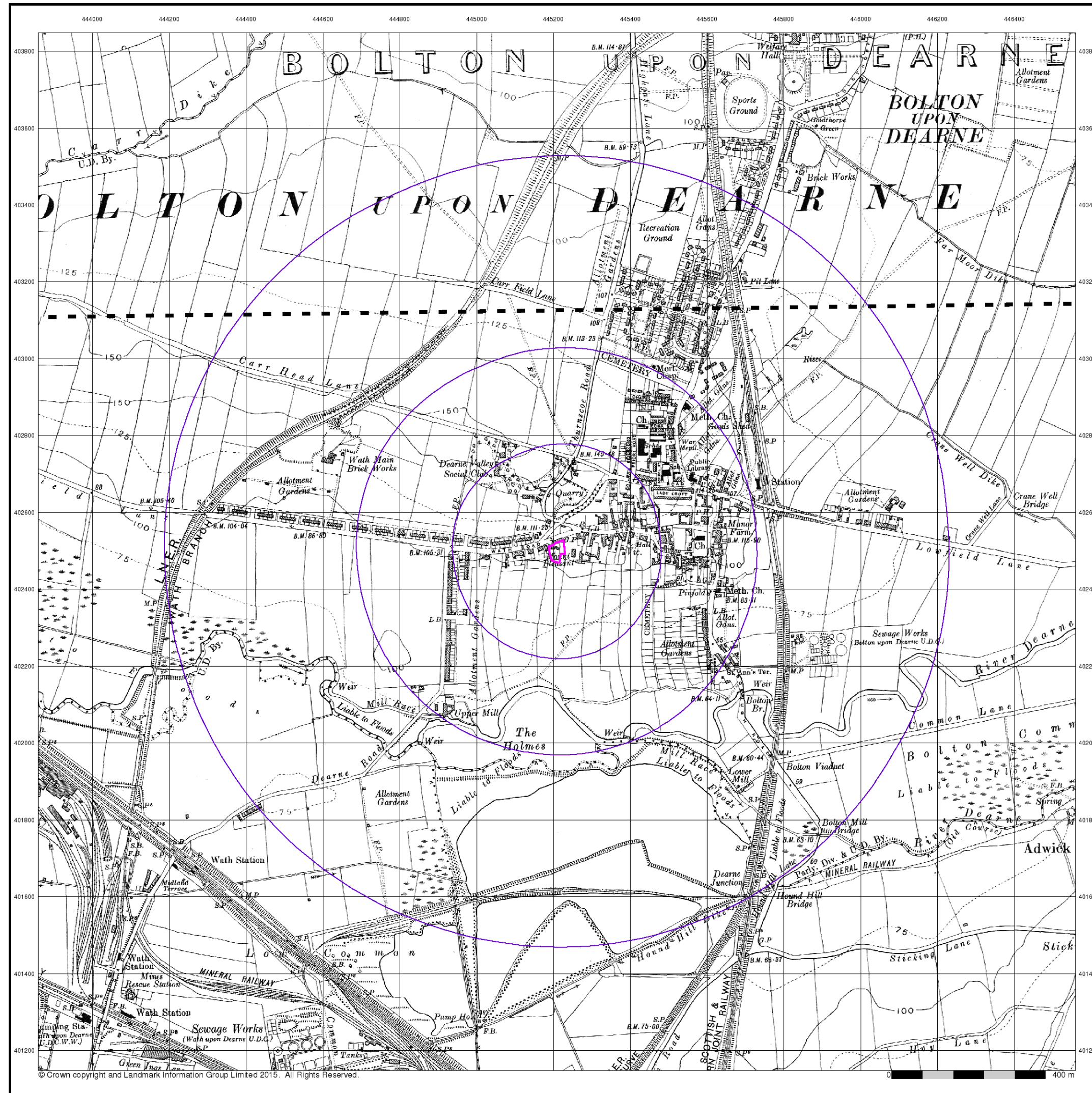
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Search Buffer (m): 1000

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Published 1931 - 1932

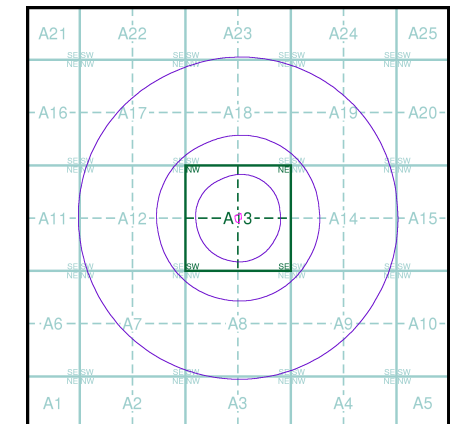
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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)

275SE
1931
1:10,560
283NE
1932
1:10,560

Historical Map - Slice A



Order Details

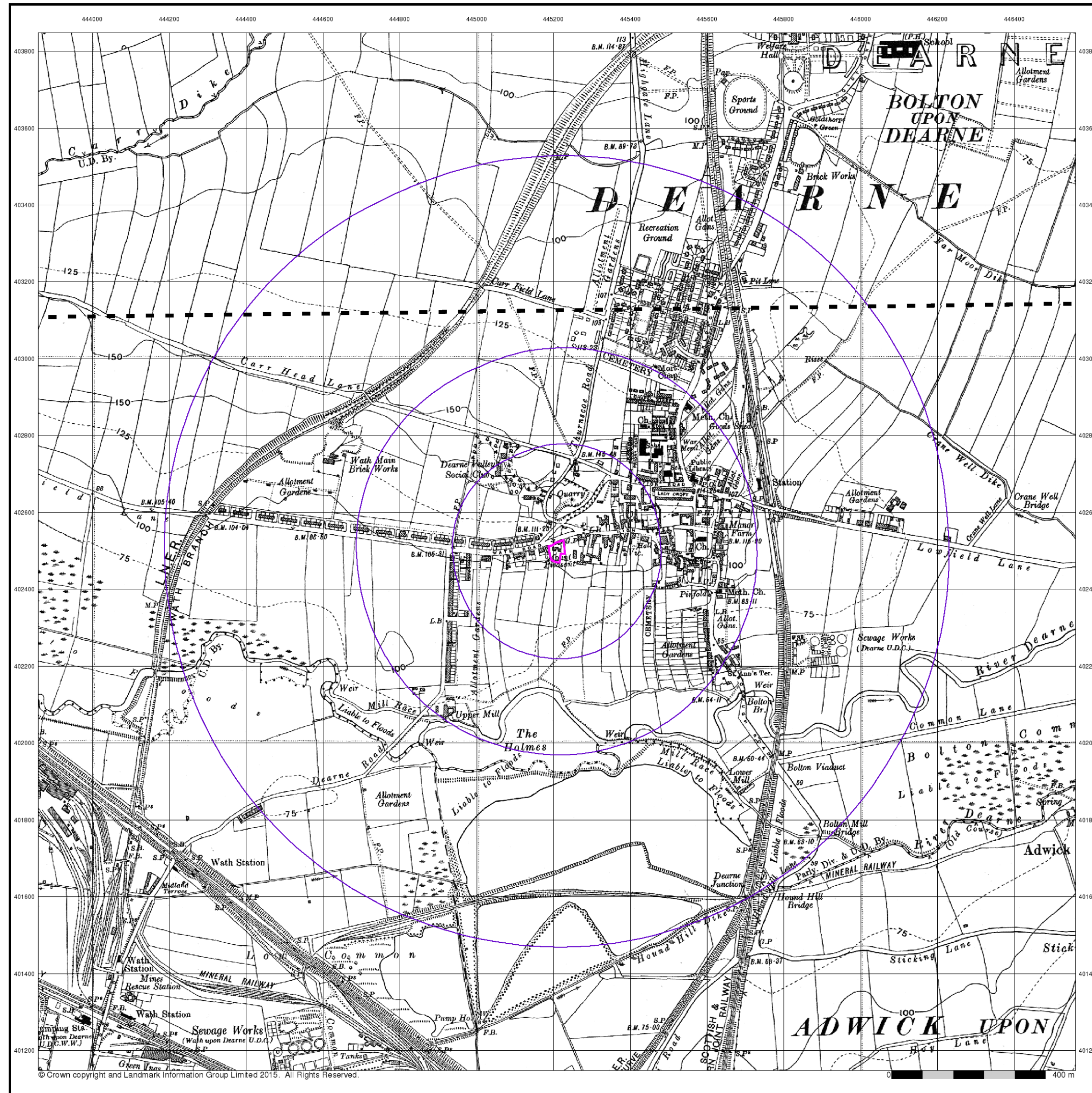
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National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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Yorkshire

Published 1938

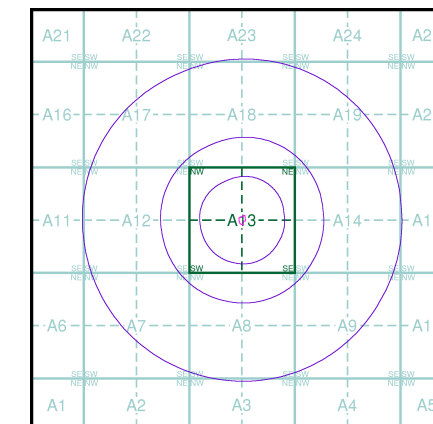
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Map Name(s) and Date(s)

275SE
1938
1:10,560
283NE
1938
1:10,560

Historical Map - Slice A



Order Details

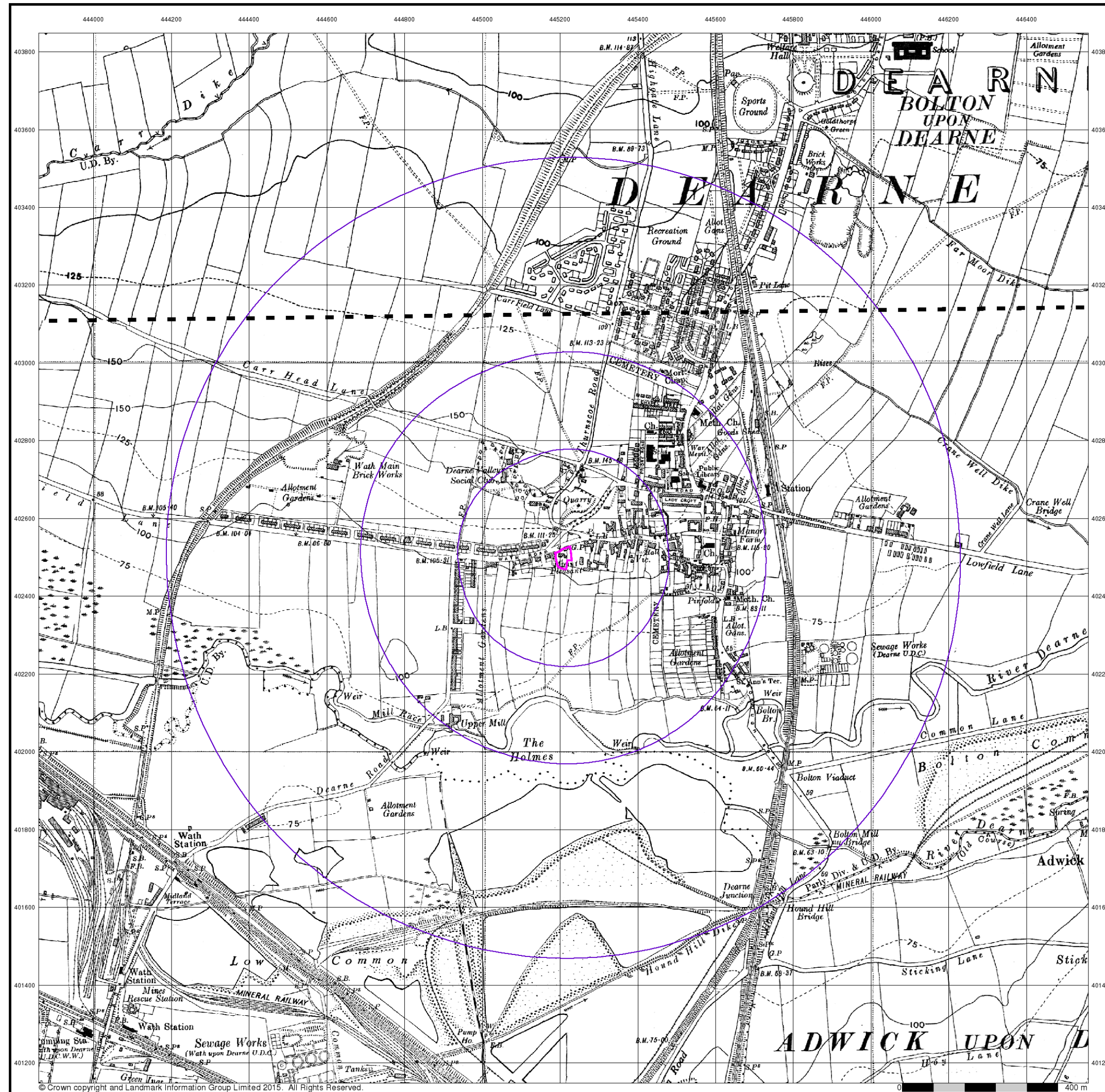
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
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Yorkshire

Published 1948 - 1950

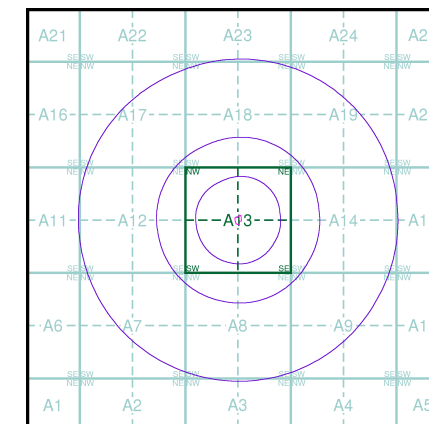
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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)

275SE
1948
1:10,560
283NE
1950
1:10,560

Historical Map - Slice A



Order Details

Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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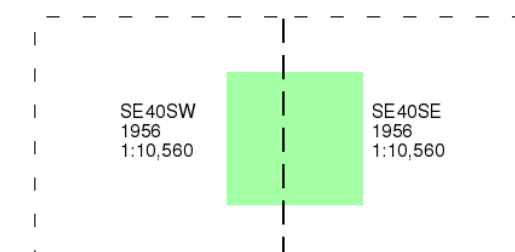


Published 1956

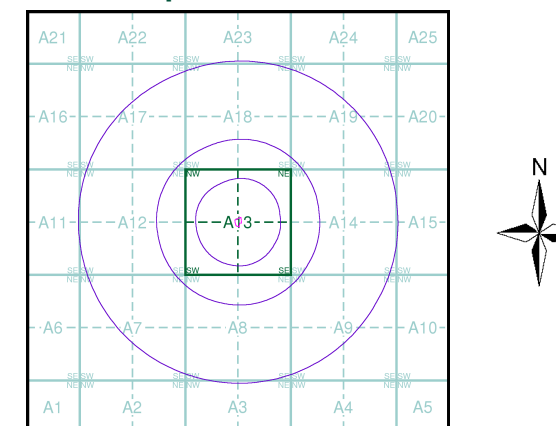
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



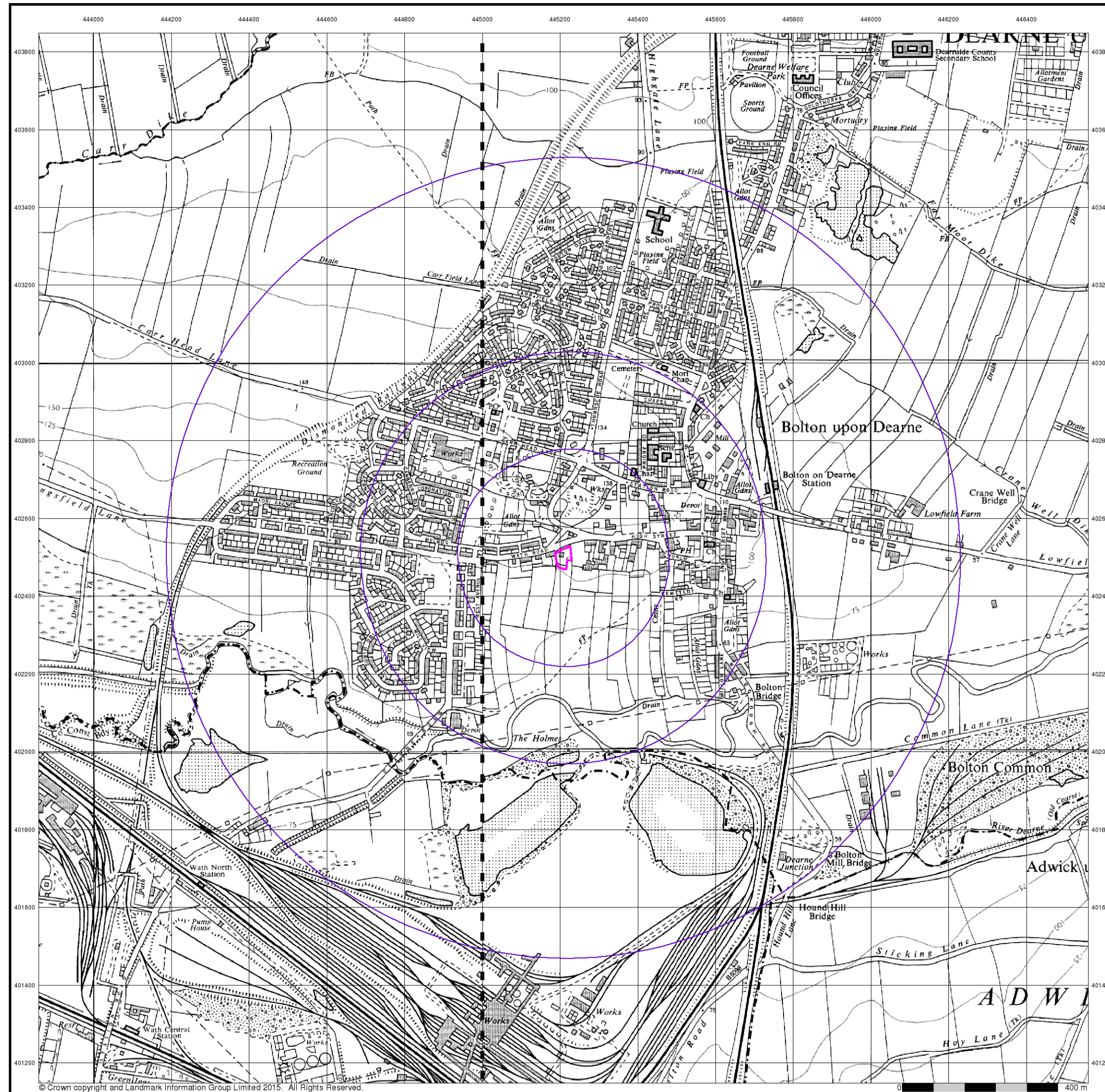
Order Details

Order Number: 91804770_1_1
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Slice: A
Site Area (Ha): 0.17
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Site Details

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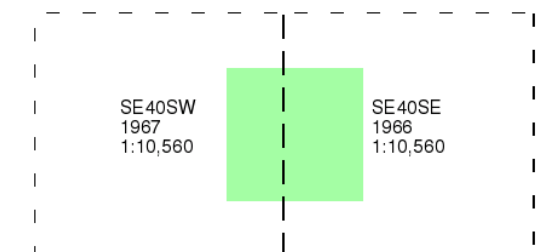
Ordnance Survey Plan

Published 1966 - 1967

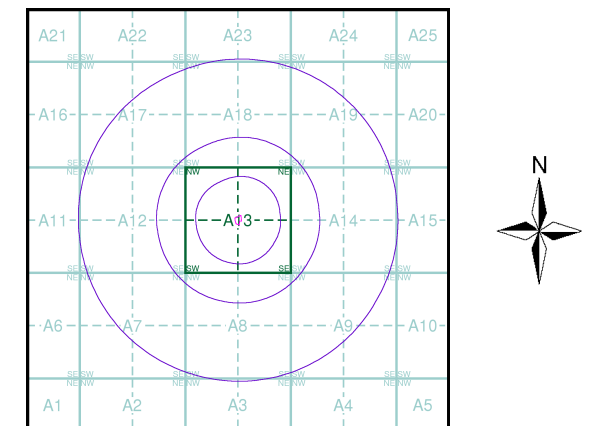
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
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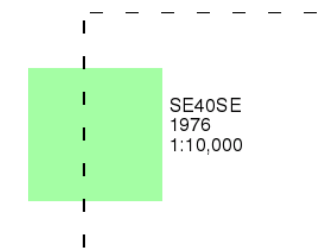
Ordnance Survey Plan

Published 1976

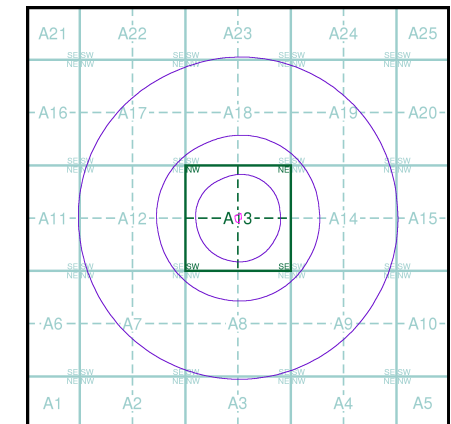
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

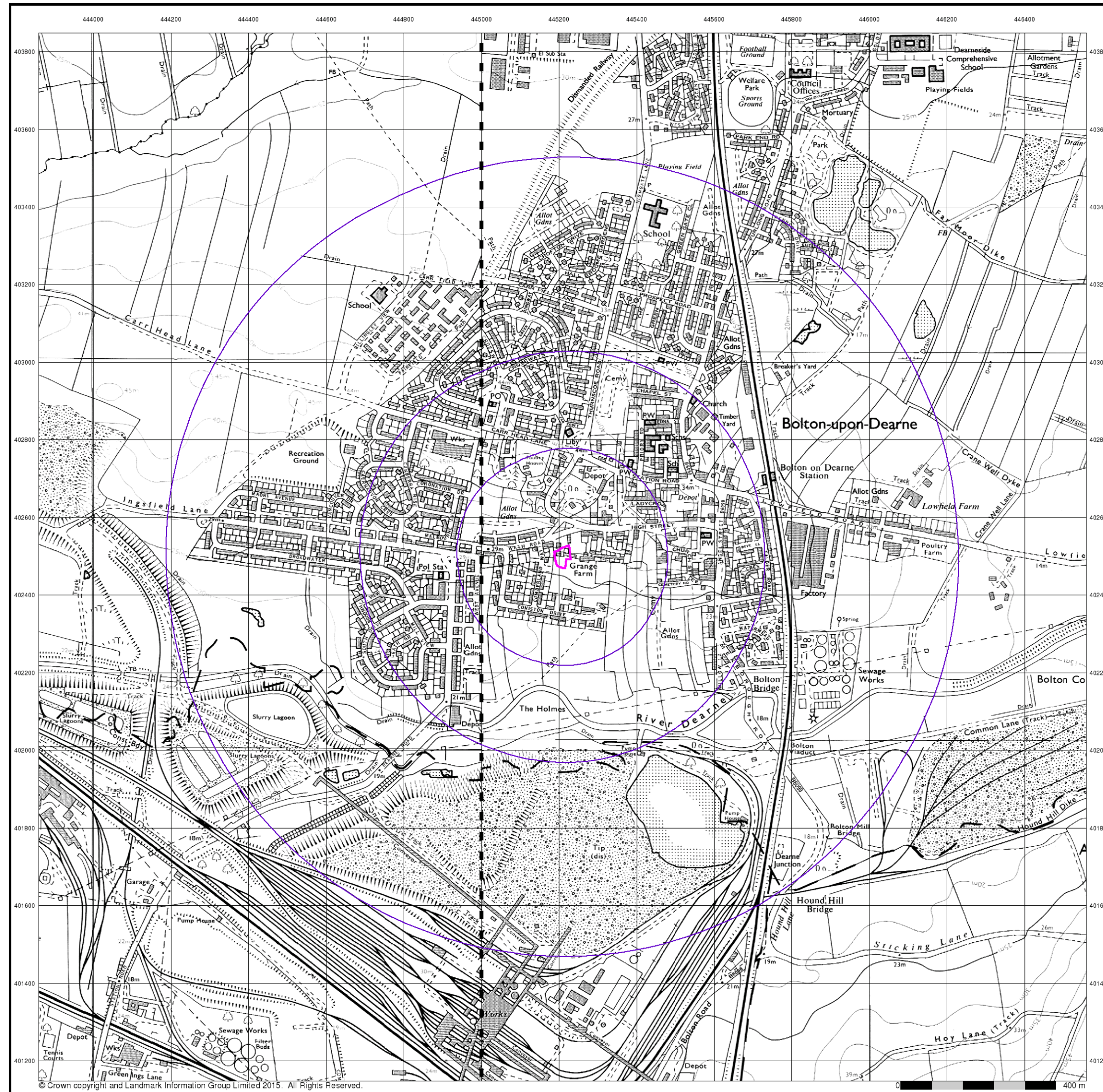
Order Number: 91804770_1_1
Customer Ref: ECL/05
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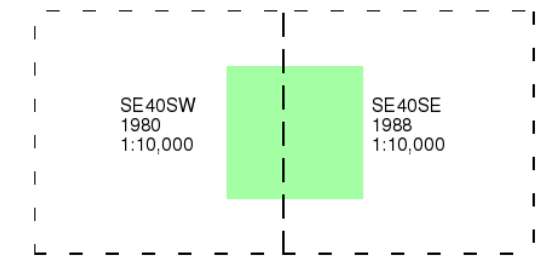
Ordnance Survey Plan

Published 1980 - 1988

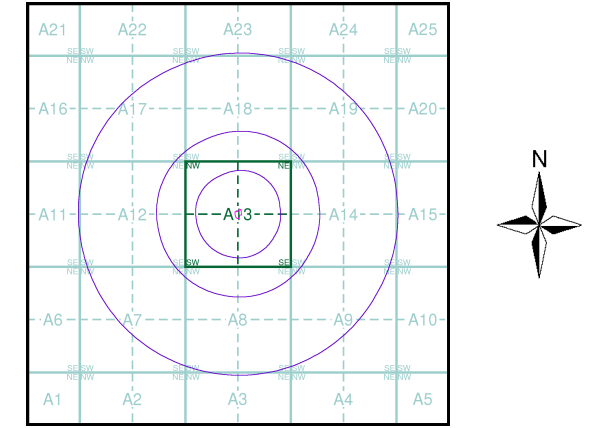
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

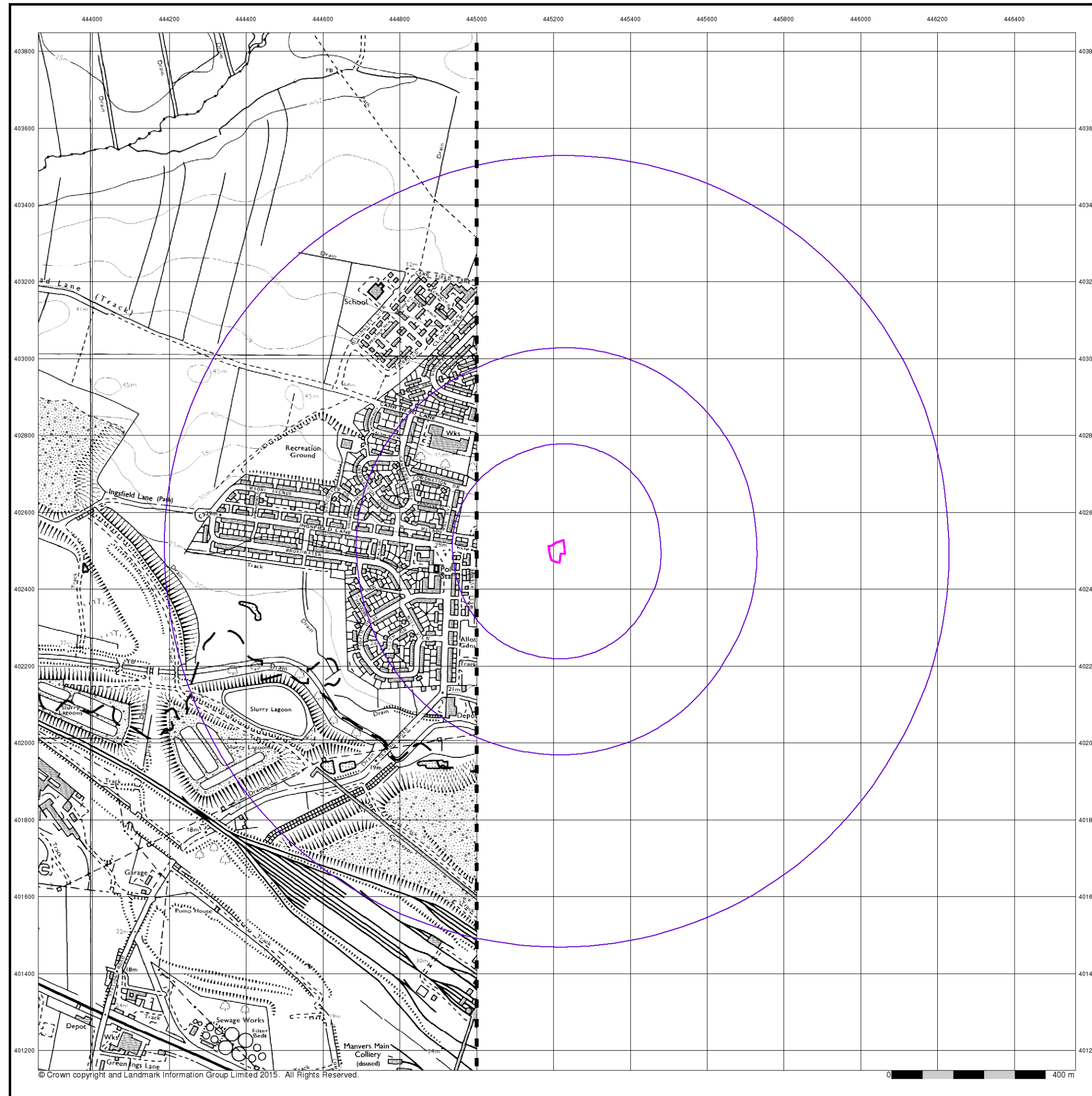
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Slice: A
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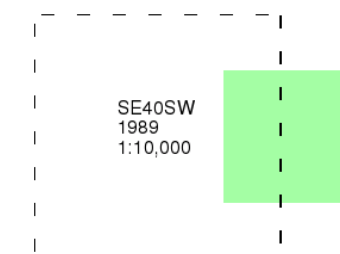
Ordnance Survey Plan

Published 1989

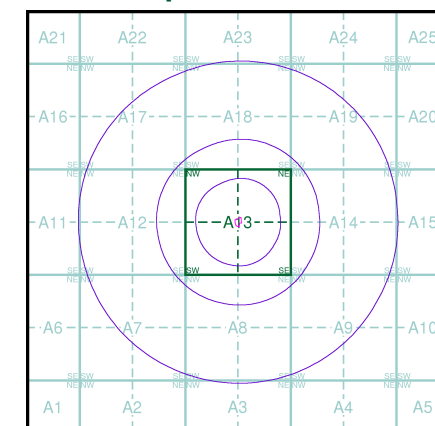
Source map scale - 1:10,000

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

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Historical Map - Slice A



Order Details

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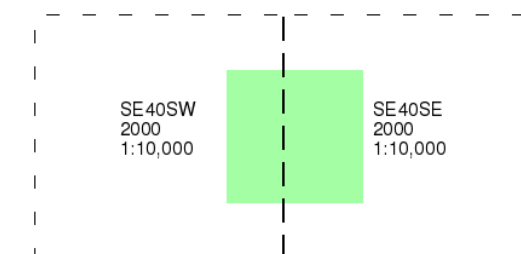
10k Raster Mapping

Published 2000

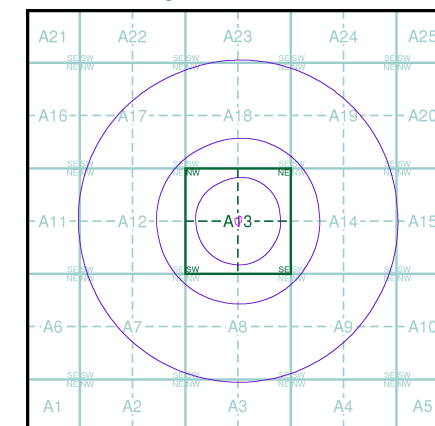
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
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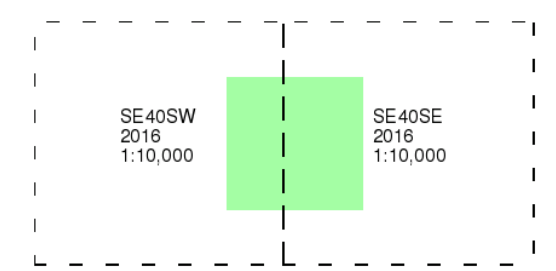
Street View

Published 2016

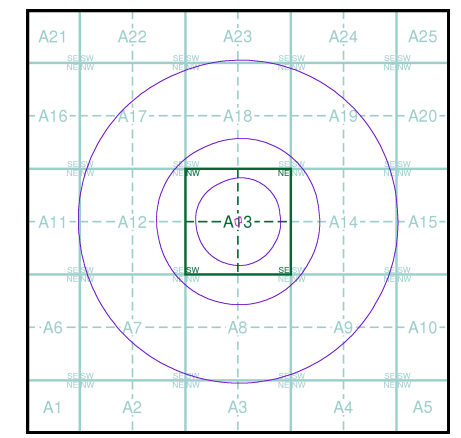
Source map scale - 1:10,000

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: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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APPENDIX C

LANDMARK GEOLOGY MAPS

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

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

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay and Silt	Flandrian - Flandrian
	TILMP	Till, Mid Pleistocene	Diamicton	Ipswichian - Cromerian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MXR	Mexborough Rock	Sandstone	Bolsovia - Bolsovia
	AR	Ackworth Rock	Sandstone	Bolsovia - Bolsovia
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Westphalian D - Bolsovia
	PUCM	Pennine Upper Coal Measures Formation	Sandstone	Westphalian D - Bolsovia
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Bolsovia - Duckmantian
	PMCM	Pennine Middle Coal Measures Formation	Sandstone	Bolsovia - Duckmantian
	OR	Oaks Rock	Sandstone	Duckmantian - Duckmantian
		Faults		
		Rock Segments		



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Geology 1:50,000 Maps

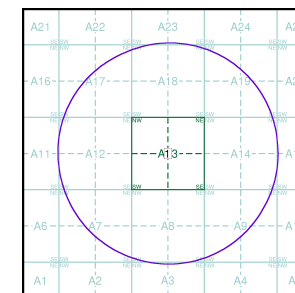
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID: 1
Map Sheet No: 087
Map Name: Barnsley
Map Date: 2008
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Not Available
Faults: Not Supplied
Landslip: Available
Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

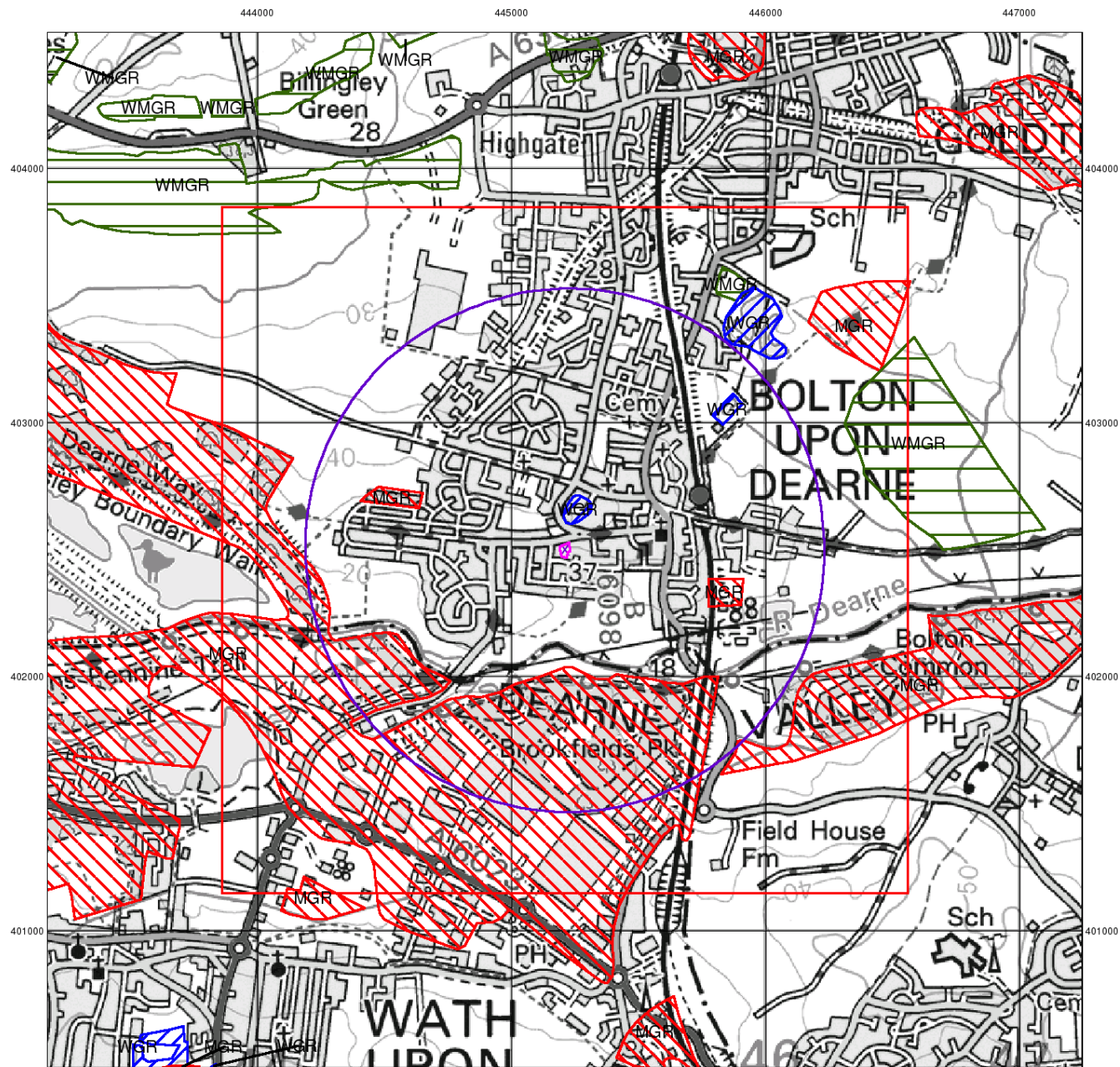
Order Number: 91804770_1_1
Customer Reference: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details:

17 Wath Road, Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8LQ



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Artificial Ground and Landslip

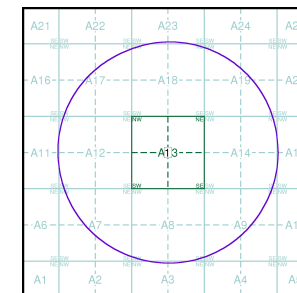
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

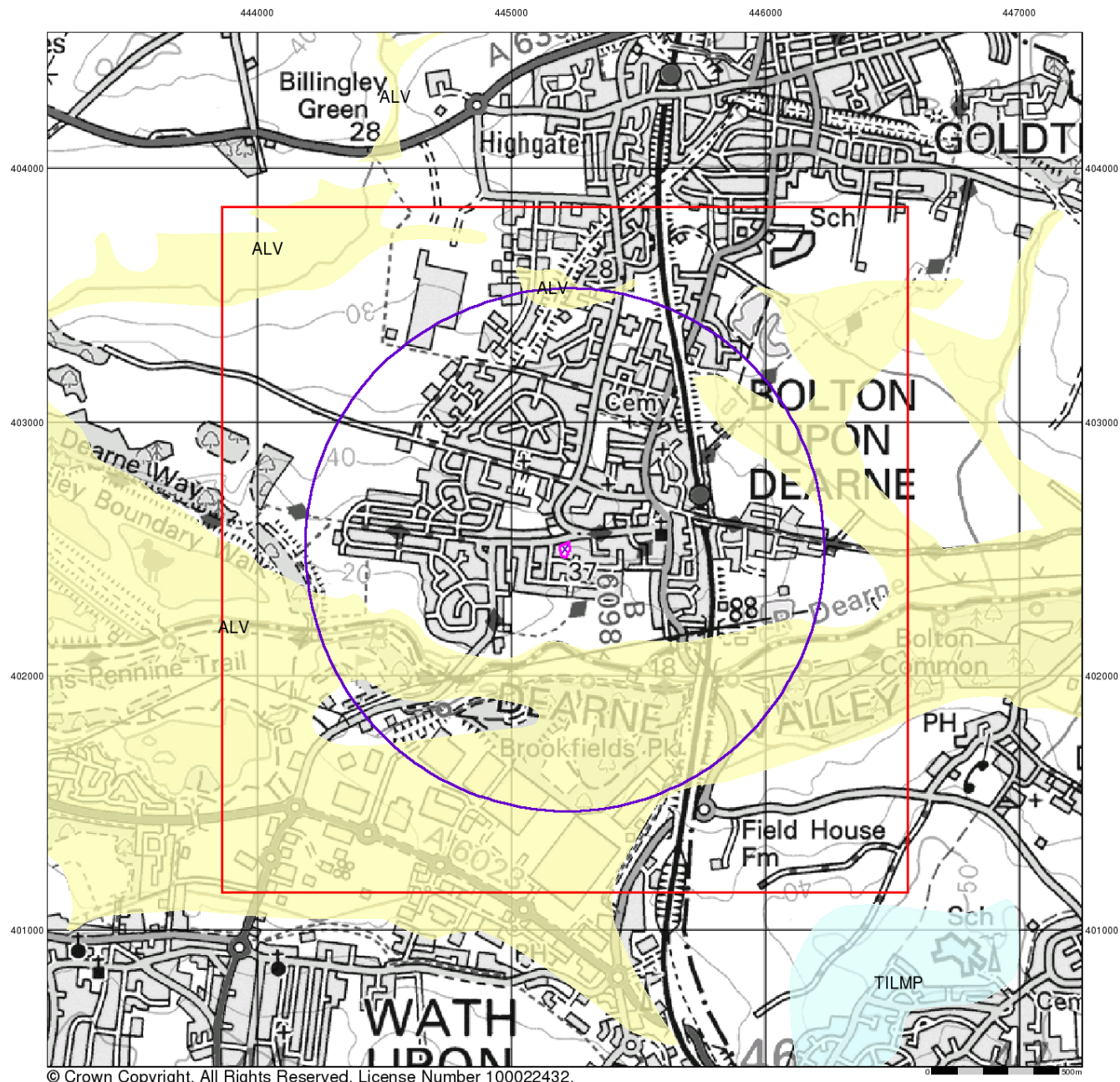
Order Number: 91804770_1_1
Customer Reference: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details:

17 Wath Road, Bolton-upon-Deerne, ROTHERHAM, South Yorkshire, S63 8LQ



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



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ARP GEOTECHNICAL LIMITED
CHARTERED CONSULTING ENGINEERS

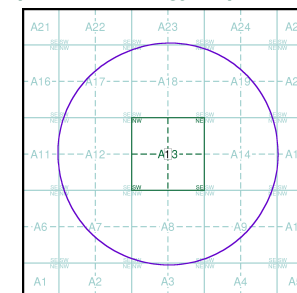
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

Order Number: 91804770_1_1
Customer Reference: ECL/05
National Grid Reference: 445210, 402500
Slice: A
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Bedrock and Faults

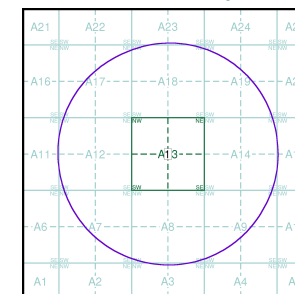
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

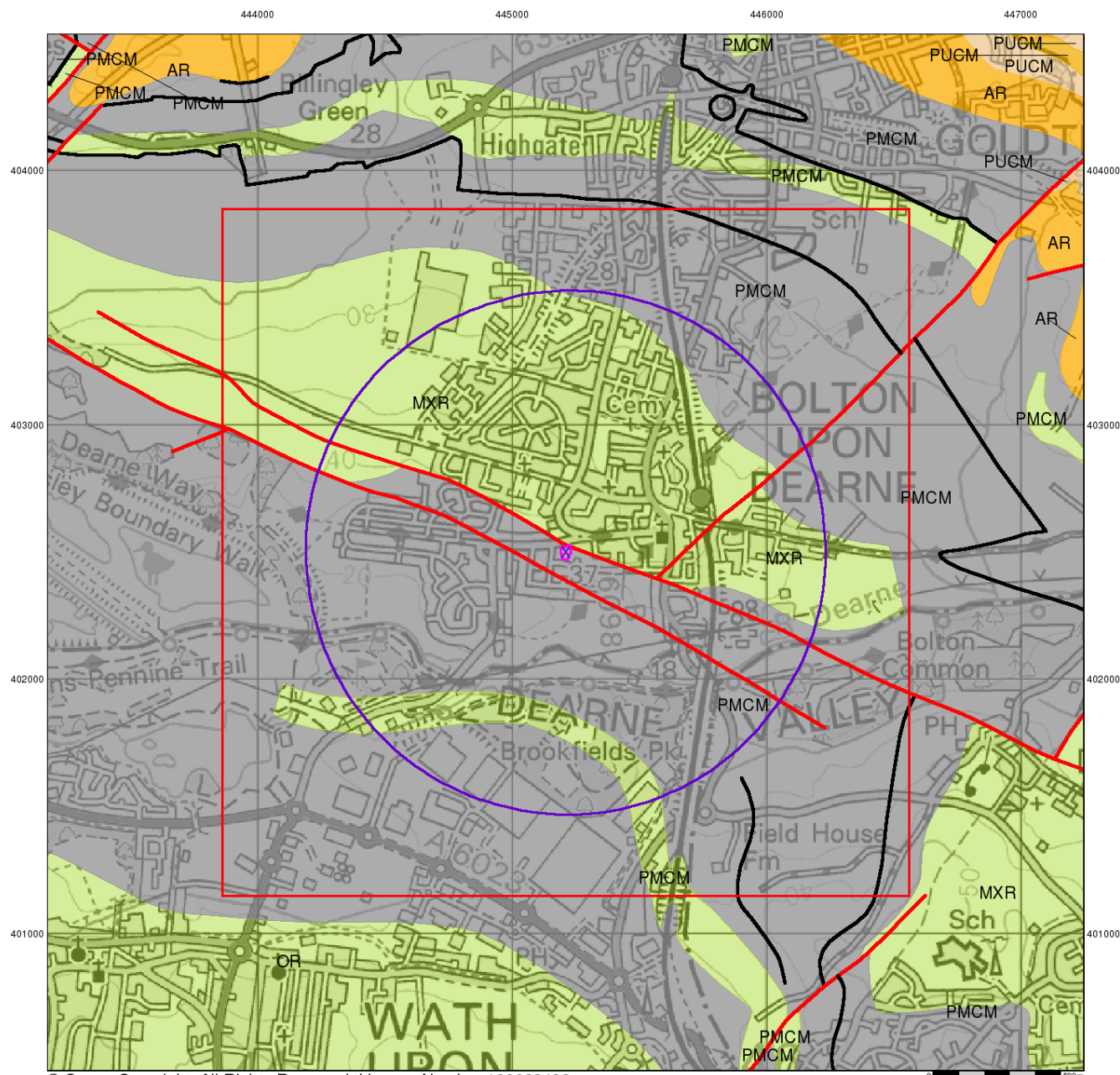
Order Number: 91804770_1_1
Customer Reference: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

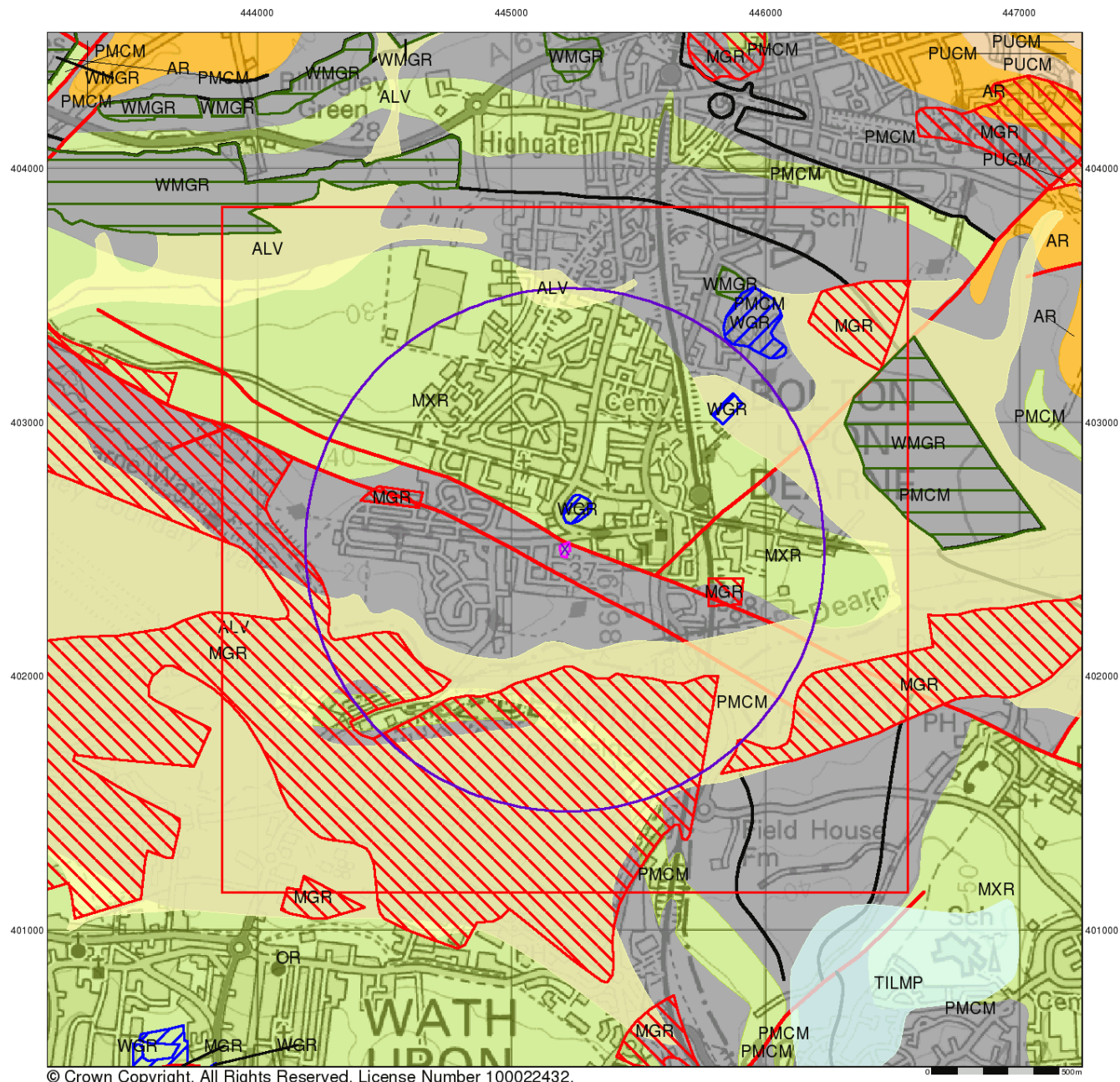
Site Details:

17 Wath Road, Bolton-upon-Deerne, ROTHERHAM, South Yorkshire, S63 8LQ



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





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Combined Surface Geology

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

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

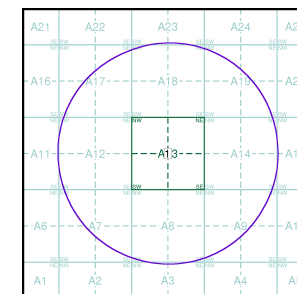
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 91804770_1_1
Customer Reference: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details:

17 Wath Road, Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8LQ



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

A P P E N D I X D

COAL MINING REPORT



The Coal
Authority

Resolving the **impacts** of mining

CON29M Non-Residential Mining Report

17 WATH ROAD
BOLTON-UPON-DEARNE
ROTHERHAM
SOUTH YORKSHIRE

Date of enquiry: 27 July 2016
Date enquiry received: 27 July 2016
Issue date: 27 July 2016

Our reference: 51001219731001
Your reference: 91804770_2|



CON29M Non-Residential Mining Report

This report is based on, and limited to, the records held by the Coal Authority and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Client name

LANDMARK INFORMATION GROUP LIMITED

Enquiry address

17 WATH ROAD, BOLTON-UPON-DEARNE,
ROTHERHAM, SOUTH YORKSHIRE

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

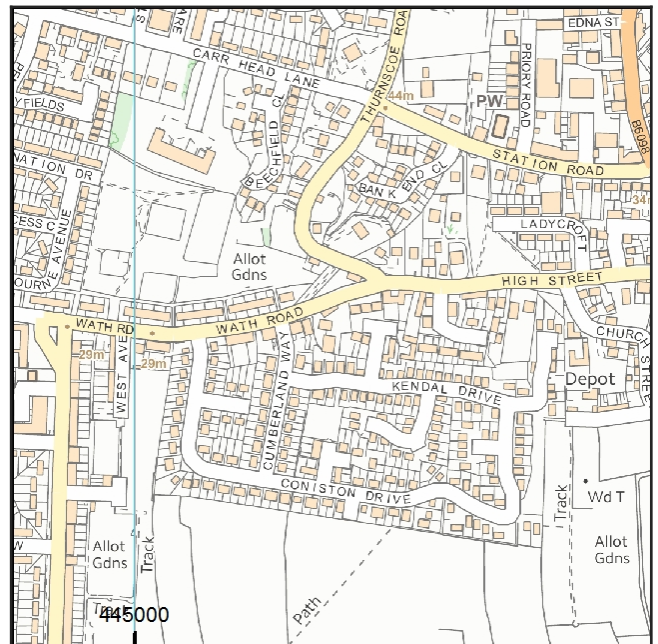
200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.gov.uk/coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /coalauthority



Approximate position of property



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Summary

Has the search report highlighted evidence or potential of		
1	Past underground coal mining	Yes
2	Present underground coal mining	No
3	Future underground coal mining	Yes
4	Mine entries	No
5	Coal mining geology	No
6	Past opencast coal mining	No
7	Present opencast coal mining	No
8	Future opencast coal mining	No
9	Coal mining subsidence	Yes
10	Mine gas	No
11	Hazards related to coal mining	No
12	Withdrawal of support	Yes
13	Working facilities order	No
14	Payments to owners of former copyhold land	No
15	Information from the Cheshire Brine Subsidence Compensation Board	No

Further recommended reports	
Coal mining subsidence claims history	

For detailed findings, please go to page 4.

Detailed findings

1. Past underground coal mining

The property is in a surface area that could be affected by underground mining in 4 seams of coal at 190m to 580m depth, and last worked in 1942.

Any movement in the ground due to coal mining activity should have stopped.

2. Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3. Future underground coal mining

The property is not in an area where the Coal Authority has plans to grant a licence to remove coal using underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

4. Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

5. Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6. Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7. Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8. Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9. Coal mining subsidence

A damage notice or claim for alleged subsidence damage was made in August 2001 for 21 WATH ROAD, BOLTON-UPON-DEARNE, ROTHERHAM, SOUTH YORKSHIRE, S63 8LQ. However, the claim was rejected.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

If further subsidence damage claims information is required, please visit www.groundstability.com.

10. Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11. Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

12. Withdrawal of support

The property is in an area where notices to withdraw support were given in 1942, 1983.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

13. Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14. Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

15. Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Additional remarks

Information provided by the Coal Authority in this report is compiled in response to the Law Society's Con29M Coal Mining and Brine Subsidence Claim enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. Please note that Brine Subsidence Claim enquiries are only relevant for England and Wales. This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions applicable at the time the report was produced.

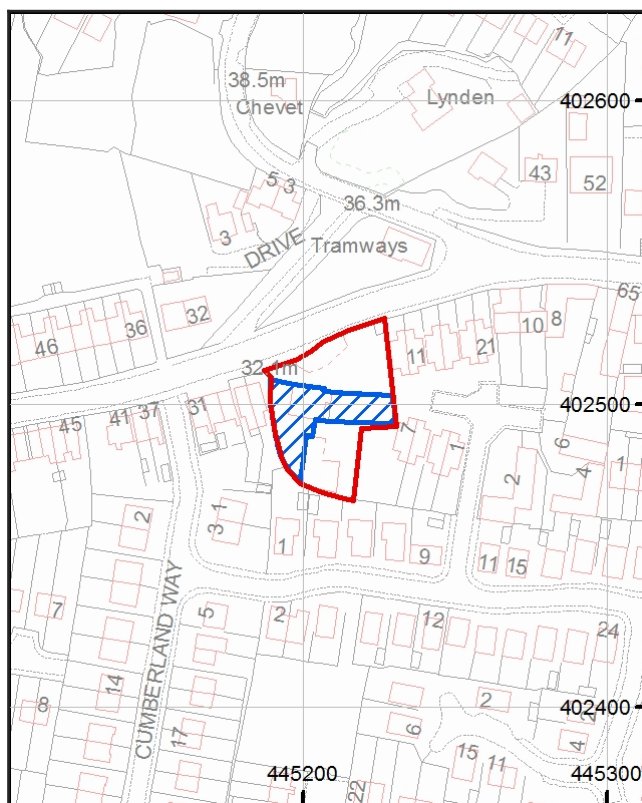
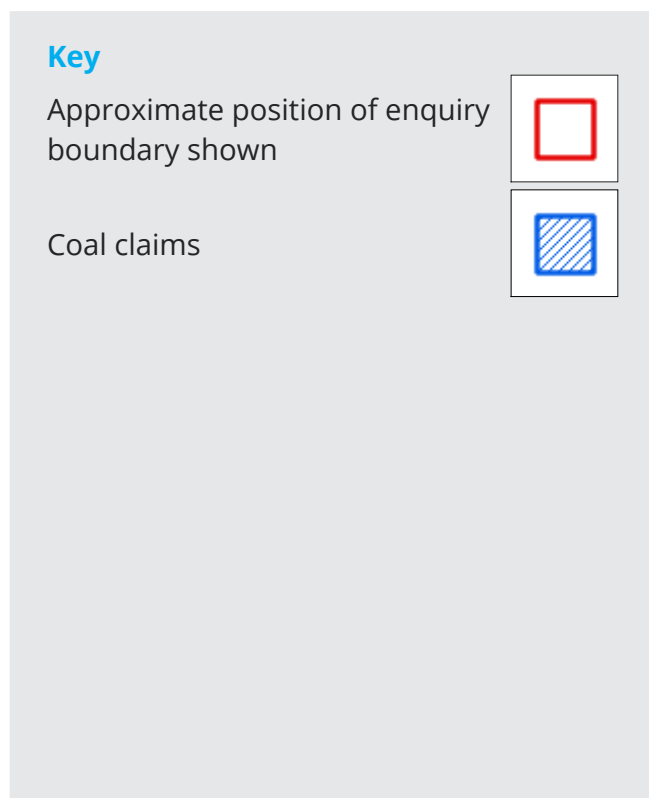
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Alternative formats

If you would like this report in an alternative format, please contact our communications team.

Enquiry boundary



How to contact us

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Mansfield
Nottinghamshire
NG18 4RG

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 /company/the-coal-authority

 /thecoalauthority

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APPENDIX E

LANDMARK ENVIROCHECK REPORT



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

91804770_1_1

Customer Reference:

ECL/05

National Grid Reference:

445210, 402500

Slice:

A

Site Area (Ha):

0.17

Search Buffer (m):

1000

Site Details:

17 Wath Road
Bolton-upon-Dearne
ROTHERHAM
South Yorkshire
S63 8LQ

Client Details:

Mr J Race
ARP Geotechnical Ltd
Northwest House
5-6 Northwest Business Park
Servia Hill
Leeds
LS6 2QH

Prepared For:

Mark Woodhead
79a Wellgate
Rotherham
South Yorkshire
S60 2LZ



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	29
Hazardous Substances	-
Geological	35
Industrial Land Use	37
Sensitive Land Use	40
Data Currency	41
Data Suppliers	46
Useful Contacts	47

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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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v50.0



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			1	40
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices	pg 11			3	
Integrated Pollution Controls	pg 12			3	1
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 12				3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 13			Yes	
Pollution Incidents to Controlled Waters	pg 13			2	13
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 15			1	3
River Quality Biology Sampling Points	pg 16				1
River Quality Chemistry Sampling Points	pg 17				5
Substantiated Pollution Incident Register	pg 21				2
Water Abstractions	pg 22				9 (*7)
Water Industry Act Referrals	pg 26				1
Groundwater Vulnerability	pg 26	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 26	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 26		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 26		Yes	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
Detailed River Network Lines	pg 27			Yes	n/a
Detailed River Network Offline Drainage					n/a



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	pg 29		1		2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 29				1
Licensed Waste Management Facilities (Locations)	pg 29		1		4
Local Authority Landfill Coverage	pg 30	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 31		1		
Registered Landfill Sites	pg 31		1		1
Registered Waste Transfer Sites	pg 32		2		
Registered Waste Treatment or Disposal Sites	pg 32				5
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 35	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 35		1		2
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 35	Yes	n/a	n/a	n/a
Mining Instability	pg 35	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 35	Yes	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 36	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 36	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 37	1	6	7	17
Fuel Station Entries	pg 39				1
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 40			1	3
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 40	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	0	1	445211 402500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	234	1	445000 402650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	419	1	445200 402050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	419	1	445211 402050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	469	1	445200 402000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	469	1	445211 402000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	470	1	445250 402000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	476	1	445300 402000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	483	1	445100 402000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	488	1	445350 402000
1	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Storm Water Sewer Location: Grange Farm Sws, BARNSLEY, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Dearne Reference: WA6006 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Surface Water Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Dearne Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	461	2	445550 402150
2	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Sewers - Water Company Location: Mexborough East Cso Mexborough Road (Off), Bolton-Upon-Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra9260 Permit Version: 1 Effective Date: 4th September 2007 Issued Date: 4th September 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Dearne Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	577	2	445710 402170



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Undefined Or Other Location: Undefined Site, See Outlet Ngr Or Comments, For More Info About The Site, (Do Not Change These Details), Nk Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 141 Permit Version: 1 Effective Date: 24th June 1953 Issued Date: 24th June 1953 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	596	2	445700 402120
4	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Wath Upon Dearne Wwtw Station Road, Wath Upon Dearne, Rotherham, South Yorkshire, S63 7dj Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 2172 Permit Version: 11 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Brook Dike/River Dearne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	673	2	444790 401940
4	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Wath Upon Dearne Wwtw Station Road, Wath Upon Dearne, Rotherham, South Yorkshire, S63 7dj Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 2172 Permit Version: 10 Effective Date: 31st March 2010 Issued Date: 11th March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Brook Dike/River Dearne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	673	2	444790 401940
4	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Wath Upon Dearne Wwtw Station Road, Wath Upon Dearne, Rotherham, South Yorkshire, S63 7dj Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 2172 Permit Version: 8 Effective Date: 28th January 2004 Issued Date: 28th January 2004 Revocation Date: 30th March 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Brook Dike/River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	673	2	444790 401940



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Wath Upon Dearne Wwtw Station Road, Wath Upon Dearne, Rotherham, South Yorkshire, S63 7dj Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 2172 Permit Version: 9 Effective Date: 31st March 2004 Issued Date: 28th January 2004 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Brook Dike/River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	673	2	444790 401940
5	Discharge Consents Operator: British Coal Property Property Type: Trade (Unknown/Other) Location: Effluent Discharge From; Manvers Ce, Ntral Coal Preparation Plant-No., 3 Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 2426 Permit Version: 1 Effective Date: 18th September 1968 Issued Date: 18th September 1968 Revocation Date: 16th August 1995 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	688	2	444700 402000
6	Discharge Consents Operator: YORKSHIRE WATER SERVICES LTD Property Type: Sewage Disposal Works Location: BOLTON ON DEARNE WWTW, MEXBOROUGH ROAD, BOLTON ON DEARNE, ROTHERHAM, SOUTH YORKSHIRE Authority: Environment Agency, North East Region Catchment Area: Dearne Reference: 3331 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th September 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Crude Effluent Discharge: Not Supplied Environment: Receiving Water: DEARNE Status: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	760	2	445950 402250
6	Discharge Consents Operator: YORKSHIRE WATER SERVICES LTD Property Type: Sewage Disposal Works Location: BOLTON ON DEARNE WWTW, MEXBOROUGH ROAD, BOLTON ON DEARNE, ROTHERHAM, SOUTH YORKSHIRE Authority: Environment Agency, North East Region Catchment Area: Dearne Reference: 3331 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th September 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge: Not Supplied Environment: Receiving Water: DEARNERevoked Status: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	760	2	445950 402250



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: YORKSHIRE WATER SERVICES LTD Property Type: Sewage Disposal Works Location: BOLTON ON DEARNE WWTW, MEXBOROUGH ROAD, BOLTON ON DEARNE, ROTHERHAM, SOUTH YORKSHIRE Authority: Environment Agency, North East Region Catchment Area: Dearne Reference: 3331 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th September 1999 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Treated Effluent Discharge: Not Supplied Environment: Receiving Water: DEARNERevoked Status: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	760	2	445950 402250
6	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Sewers Location: Mexbrough Road, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Dearne Reference: S/UD/53 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 30th June 1993 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SE (E)	779	2	445980 402280
7	Discharge Consents Operator: Rotherham Mbc Property Type: Trade (Unknown/Other) Location: Rotherham Mbc Wath Manvers Regenera, Tion Site Consent-Number Wra 718, 9 Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra7189 Permit Version: 1 Effective Date: 19th December 1995 Issued Date: 19th December 1995 Revocation Date: 20th May 1996 Discharge Type: Trade Discharges - Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Dearne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12SW (W)	767	2	444480 402200
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 7 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 7 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 6 Effective Date: 4th October 2004 Issued Date: 4th October 2004 Revocation Date: 30th December 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 6 Effective Date: 4th October 2004 Issued Date: 4th October 2004 Revocation Date: 30th December 2005 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 4 Effective Date: 17th March 2003 Issued Date: 17th March 2003 Revocation Date: 3rd October 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 4 Effective Date: 17th March 2003 Issued Date: 17th March 2003 Revocation Date: 3rd October 2004 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 5 Effective Date: 31st December 2005 Issued Date: 17th March 2003 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 5 Effective Date: 31st December 2005 Issued Date: 17th March 2003 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 2 Effective Date: 7th September 1999 Issued Date: 7th September 1999 Revocation Date: 31st December 2000 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 3 Effective Date: 1st January 2001 Issued Date: 7th September 1999 Revocation Date: 16th March 2003 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 2 Effective Date: 7th September 1999 Issued Date: 7th September 1999 Revocation Date: 31st December 2000 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020
8	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 3 Effective Date: 1st January 2001 Issued Date: 7th September 1999 Revocation Date: 16th March 2003 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	776	2	445850 402020
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 1 Effective Date: 21st October 1985 Issued Date: 21st October 1985 Revocation Date: 6th September 1999 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	776	2	445900 402100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 1 Effective Date: 21st October 1985 Issued Date: 21st October 1985 Revocation Date: 6th September 1999 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	776	2	445900 402100
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E683(Ss) Permit Version: 1 Effective Date: 1st January 1982 Issued Date: 1st January 1982 Revocation Date: 16th August 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	776	2	445900 402100
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: E683(Ss) Permit Version: 1 Effective Date: 1st January 1982 Issued Date: 1st January 1982 Revocation Date: 16th August 1993 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	776	2	445900 402100
9	Discharge Consents Operator: Mr Roger Tuby Property Type: Trade (Unknown/Other) Location: Ex Coal Yard, Common Lane, Bolton-On Dearne, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra8825 Permit Version: 1 Effective Date: 20th April 2005 Issued Date: 20th April 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	809	2	445920 402070



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 7 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	812	2	445930 402080
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 6 Effective Date: 4th October 2004 Issued Date: 4th October 2004 Revocation Date: 30th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	812	2	445930 402080
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 4 Effective Date: 17th March 2003 Issued Date: 17th March 2003 Revocation Date: 3rd October 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	812	2	445930 402080
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 5 Effective Date: 31st December 2005 Issued Date: 17th March 2003 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	812	2	445930 402080



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 2 Effective Date: 7th September 1999 Issued Date: 7th September 1999 Revocation Date: 31st December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	812	2	445930 402080
9	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Bolton On Dearne Stw Mexborough Road, Bolton On Dearne, Rotherham, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3331 Permit Version: 3 Effective Date: 1st January 2001 Issued Date: 7th September 1999 Revocation Date: 16th March 2003 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dearne Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	812	2	445930 402080
10	Discharge Consents Operator: National Coal Board Property Type: Trade (Unknown/Other) Location: Manvers Central Coal Preparation Pl, Ant-No 2- Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 2319 Permit Version: 2 Effective Date: 18th March 1986 Issued Date: 18th March 1986 Revocation Date: 16th August 1995 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Dearne Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A12SW (W)	937	2	444300 402200
10	Discharge Consents Operator: National Coal Board Property Type: Trade (Unknown/Other) Location: Manvers Central Coal Preparation Pl, Ant-No 2- Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 2319 Permit Version: 1 Effective Date: 7th December 1967 Issued Date: 7th December 1967 Revocation Date: 17th March 1986 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Dearne Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m	A12SW (W)	937	2	444300 402200



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Discharge Consents Operator: British Coal Opencast Property Type: Trade (Unknown/Other) Location: Manvers Site, Mexborough, Barnsley Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C4804 Permit Version: 1 Effective Date: 22nd September 1987 Issued Date: 22nd September 1987 Revocation Date: 10th August 1993 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6) Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	965	2	445860 401750
12	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Highgate Lane Pumping Station Goldthorpe, Barnsley, South Yorkshire, England Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C5499 Permit Version: 2 Effective Date: 6th March 2001 Issued Date: 6th March 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Carr Dike Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18NE (N)	976	2	445310 403500
12	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Highgate Lane Pumping Station Goldthorpe, Barnsley, South Yorkshire, England Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: C5499 Permit Version: 1 Effective Date: 14th April 1989 Issued Date: 14th April 1989 Revocation Date: 5th March 2001 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Carr Dike Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 10m	A18NE (N)	976	2	445310 403500
13	Enforcement and Prohibition Notices Location: Carr Head Lane, Bolton-on-Deerne, ROTHERHAM, South Yorkshire, S63 8D Permit Reference: Not Given Enforcement Date: 30th January 1996 Details: Press Release HM367, Prohibition Notice served due to lead material or contaminated lead material found outside the process plant, under EPA90 Positional Accuracy: Unknown	A13NW (NW)	408	2	444900 402800
14	Enforcement and Prohibition Notices Location: Carr Head Lane, Bolton-on-Deerne, ROTHERHAM, South Yorkshire, S63 8DA Permit Reference: AN9433 Enforcement Date: 12th January 1995 Details: Press Release HM120, Waste-handling of lead on site. (Under EPA90) Positional Accuracy: Unknown	A12NE (NW)	458	2	444856 402827
14	Enforcement and Prohibition Notices Location: Carr Head Lane, Bolton Upon Dearne, ROTHERHAM, South Yorkshire, S63 8DA Permit Reference: AN9433 Enforcement Date: 9th August 1995 Details: Press Release HM277, Failure to label skip as containing waste lead and failure to cover skip. (Under EPA90) Positional Accuracy: Unknown	A12NE (NW)	462	2	444856 402832



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	Integrated Pollution Controls Name: Paramount Batteries Ltd Location: Carr Head Lane, ROTHERHAM, South Yorkshire, S63 8DA Authority: Environment Agency, North East Region Permit Reference: BE0384 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	383	2	444911 402775
15	Integrated Pollution Controls Name: Paramount Batteries Ltd Location: Carr Head Lane, ROTHERHAM, South Yorkshire, S63 8DA Authority: Environment Agency, North East Region Permit Reference: AZ2562 Dated: 29th October 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	386	2	444906 402775
15	Integrated Pollution Controls Name: Paramount Batteries Ltd Location: Carr Head Lane, Bolton-Upon-Dearne, ROTHERHAM, South Yorkshire, S63 8DA Authority: Environment Agency, North East Region Permit Reference: AN9433 Dated: 23rd November 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.5 A (F) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	390	2	444906 402780
16	Integrated Pollution Controls Name: Idi Europe Ltd (Dissolved) Location: Unit 20, Goldthorpe Industrial Estate, Commercial Road, Goldthorpe, Rotherham, South Yorkshire, S63 9BL Authority: Environment Agency, North East Region Permit Reference: AB4176 Dated: 28th February 1992 Process Type: IPC new application Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address	A18NW (N)	940	2	445092 403458
17	Local Authority Pollution Prevention and Controls Name: Addspace Furniture Ltd Location: Lowfield Road, Bolton-Upon-Dearne, Rotherham, South Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/32 Dated: 18th March 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Site Closed Positional Accuracy: Manually positioned to the address or location	A14NW (E)	652	3	445881 402528
18	Local Authority Pollution Prevention and Controls Name: Addspace Regeneration Ltd Location: Lowfield Road, Bolton On Dearne, Rotherham, S63 8je Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/32 Dated: 18th March 1993 Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	778	3	446005 402555
19	Local Authority Pollution Prevention and Controls Name: A Ogden & Sons Location: Barnburgh Tip Site, Common Lane, Bolton Upon Dearne Authority: Doncaster Metropolitan Borough Council, Environmental Services Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/5 Coal, coke and coal product processes Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	972	4	445981 401868



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nearest Surface Water Feature	A8NW (S)	333	-	445163 402140
20	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Bolton Bridge B6098 /, Road Bridge Dearne 06 Authority: Environment Agency, North East Region Pollutant: Sewage Debris/Litter Note: Not Supplied Incident Date: 17th March 1992 Incident Reference: 131315 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SE (S)	282	2	445300 402200
21	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Coniston Drive, Bolton On Dearne Authority: Environment Agency, North East Region Pollutant: Surcharged Sewage Note: River Dearne; No Fish Killed Incident Date: 25th May 1998 Incident Reference: SH980233 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	326	2	445150 402150
22	Pollution Incidents to Controlled Waters Property Type: Construction Location: River Dearne At, BOLTON Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Vehicle Washings And De Waxing Note: No Fish Killed Incident Date: 27th July 1997 Incident Reference: SH970371 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	546	2	444800 402100
23	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: River Dearne, Bolton On Dearne Authority: Environment Agency, North East Region Pollutant: Unknown Note: River Dearne; Fish Killed: No Information Incident Date: 24th September 1998 Incident Reference: SH980360 Catchment Area: Dearne Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	608	2	445700 402100
24	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Rd Brdg/Markers Brdg B6273 Dearne 07 Authority: Environment Agency, North East Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 31st March 1992 Incident Reference: 131753 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	620	2	444800 402000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Bolton Bridge B6098 /, Road Bridge Dearne 06 Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 10th July 1992 Incident Reference: 134826 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	699	2	444800 401900
26	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Rd Bridge/Bolton Brdg B6098 Dearne 05 Authority: Environment Agency, North East Region Pollutant: Sewage - Treated Effluent Note: Not Supplied Incident Date: 21st May 1990 Incident Reference: 110704 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14SE (SE)	731	2	445900 402200
26	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Rd Bridge/Bolton Brdg B6098 Dearne 05 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 22nd September 1992 Incident Reference: 136860 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14SE (SE)	733	2	445900 402195
27	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewage Treatment Works Location: Trenholme Farm, Ingleby Arncliffe Authority: Environment Agency, North East Region Pollutant: Sewage - Treated Effluent Note: No Fish Killed; Tributary Trenholme Stell Incident Date: 23rd September 1997 Incident Reference: DT970358 Catchment Area: Swale Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	793	2	444400 402600
28	Pollution Incidents to Controlled Waters Property Type: Petrol/Fuelling Stations Location: Trenholme Farm Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: No Fish Killed; Trenholme Farm Incident Date: 17th May 1997 Incident Reference: DT970187 Catchment Area: Swale Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	810	2	444400 402700
29	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Rd Bridge/Bolton Brdg B6098 Dearne 05 Authority: Environment Agency, North East Region Pollutant: Sewage - Treated Effluent Note: Not Supplied Incident Date: 28th June 1990 Incident Reference: 112162 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	864	2	446000 402100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Rd Bridge/Bolton Brdg B6098 Dearne 05 Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 21st May 1992 Incident Reference: 133178 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	866	2	446000 402095
30	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Rd Brdg/Markers Brdg B6273 Dearne 07 Authority: Environment Agency, North East Region Pollutant: Coal Solids Note: Not Supplied Incident Date: 29th September 1989 Incident Reference: 103794 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	937	2	444300 402200
31	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Tributary Of Carr Dyke Authority: Environment Agency, North East Region Pollutant: Sewage - Wrong Connection Note: No Fish Killed Incident Date: 26th September 1997 Incident Reference: SH970517 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	975	2	445300 403500
32	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Carr Dyke, Meadowgates, BOLTON UPON DEARNE Authority: Environment Agency, North East Region Pollutant: Sewage - Wrong Connection Note: Watercourse :Ings/Carr/Thurnscoe Dikes; From Houghton Beck To River Dearne Incident Date: 8th February 1998 Incident Reference: SH980037 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A23SE (N)	992	2	445230 403520
	River Quality Name: River_Dearne GQA Grade: River Quality C Reach: Brook_Dike_Hound_Hill_Dyk Estimated Distance (km): 2.9 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A13SW (S)	252	2	445194 402218
	River Quality Name: River_Dearne GQA Grade: River Quality C Reach: Ings_Dike_Brook_Dik Estimated Distance (km): 1 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A7NE (SW)	621	2	444798 401999



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Brook_Dyke GQA Grade: River Quality E Reach: Wath_Sewage_Works_River_Dearn Estimated Distance (km): 1.8 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A7NE (SW)	621	2	444798 401999
	River Quality Name: Hound_Hill_Dyke GQA Grade: Not Supplied Reach: Hound_Hill_Bridge_River_Dearn Estimated Distance (km): 1.6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A9SW (SE)	803	2	445687 401818
33	River Quality Biology Sampling Points Name: Dearne Reach: Brook Dike To Hound Hill Dyke Estimated Distance: 2.90 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 1995 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2000 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2002 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2003 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2004 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2005 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2006 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2007 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2008 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2009 GQA Grade: River Quality Biology GQA Grade D - Fair	A8NW (SW)	581	2	444911 401970



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	River Quality Chemistry Sampling Points Name: River Dearne Reach: Brook Dike To Hound Hill Dyke Estimated Distance: 2.90 Objective: Not Supplied Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied	A9NW (SE)	608	2	445700 402100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	River Quality Chemistry Sampling Points Name: River Dearne Reach: Ings Dike To Brook Dike Estimated Distance: 1.00 Objective: Not Supplied Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied	A9NW (SE)	608	2	445700 402100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	River Quality Chemistry Sampling Points Name: River Dearne Reach: Knoll Beck To Ings Dike Estimated Distance: 0.80 Objective: Not Supplied Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied	A9NW (SE)	608	2	445700 402100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	River Quality Chemistry Sampling Points Name: River Dearne Reach: Bulling Dike Knoll Beck Estimated Distance: 0.80 Objective: Not Supplied Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied	A9NW (SE)	608	2	445700 402100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	River Quality Chemistry Sampling Points Name: River Dearne Reach: River Dove To Bulling Dike Estimated Distance: 1.90 Objective: Not Supplied Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied	A9NW (SE)	608	2	445700 402100
35	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 12th December 2003 Incident Reference: 206454 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Smoke	A19SW (NE)	725	2	445787 402988
36	Substantiated Pollution Incident Register Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 23rd March 2004 Incident Reference: 224793 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Other Specific Waste Material	A9NW (SE)	824	2	445864 401960



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Water Abstractions Operator: British Coal Licence Number: 2/27/08/022 Permit Version: Not Supplied Location: Manvers Main Colliery, WATH-UPON-DEARNE Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 10583 Yearly Rate (m3): 3750450 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NE (S)	598	2	445400 401900
38	Water Abstractions Operator: Gateways Fuels Ltd Licence Number: 2/27/08/127 Permit Version: 1 Location: Inland Water - Tributary Of River Dearne Authority: Environment Agency, North East Region Abstraction: Mineral Products: 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: Manvers Depot, Common Lane, Bolton Road, Wath Upon Dearne, Rotherham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd August 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	829	2	445900 402000
39	Water Abstractions Operator: W Nash Licence Number: 2/27/08/125 Permit Version: 2 Location: Inland Water - River Dearne Authority: Environment Agency, North East Region Abstraction: Aquaculture: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Area Of Land Near Lowfield Road, Wath Upon Dearne, Rotherham, South Yorkshire Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th August 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	833	2	445970 402110
39	Water Abstractions Operator: W Nash Licence Number: 2/27/08/125 Permit Version: 2 Location: River Dearne-Lowfield Lane-Wath On Dearne Authority: Environment Agency, North East Region Abstraction: Aquaculture: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: The Area Of Land Near Lowfield Road, Wath Upon Dearne, Rotherham, South Yorkshire Authorised Start: 01 September Authorised End: 31 March Permit Start Date: 30th August 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	833	2	445970 402110



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Water Abstractions Operator: W Nash Licence Number: 2/27/08/125 Permit Version: 1 Location: River Dearne Authority: Environment Agency, North East Region Abstraction: Aquaculture: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 20 Yearly Rate (m3): 2500 Details: The Area Of Land Near Lowfield Road, Wath Upon Dearne, Rotherham, South Yorkshire Authorised Start: 01 September Authorised End: 31 March Permit Start Date: 20th September 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	833	2	445970 402110
39	Water Abstractions Operator: Wendy Nash Licence Number: 2/27/09/175 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Pond level maintenance Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 875 Yearly Rate (m3): 6125 Details: River Dearne 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	A9NE (SE)	833	2	445970 402110
40	Water Abstractions Operator: A Ogden & Sons Ltd Licence Number: 2/27/08/120 Permit Version: 101 Location: River Dearne Authority: Environment Agency, North East Region Abstraction: Mineral Products: General Use(High Loss) Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Common Lane Off Mexborough Road, Near Bolton -On -Dearne Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th March 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	913	2	446000 402000
40	Water Abstractions Operator: A Ogden & Sons Ltd Licence Number: 2/27/08/120 Permit Version: 100 Location: River Dearne Authority: Environment Agency, North East Region Abstraction: Mineral Products: General Use(High Loss) Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Common Lane Off Mexborough Road, Near Bolton -On -Dearne Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th June 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	913	2	446000 402000



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	Water Abstractions Operator: A Ogden & Sons Limited Licence Number: 2/27/08/129 Permit Version: Not Supplied Location: Common Lane, Off Mexborough Road, BOLTON UPON DEARNE Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 432 Yearly Rate (m3): 129600 Details: River Stream or Lake; Pump 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	A9NE (SE)	913	2	446000 402000
	Water Abstractions Operator: Barnsley Metropolitan Borough Council Licence Number: 2/27/08/101 Permit Version: Not Supplied Location: Dearne Brickyard Fishing Ponds, Goldthorpe, ROTHERHAM, South Yorkshire Authority: Environment Agency, North East Region Abstraction: Pond level maintenance Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 264 Yearly Rate (m3): 86000 Details: 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	A19NE (NE)	1243	2	446000 403500
	Water Abstractions Operator: Waterfront Golf Ltd Licence Number: 2/27/08/142 Permit Version: 3 Location: Knoll Beck - Wath Upon Dearne Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manvers Way, Wath Upon Dearne Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 7th July 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	1401	2	444030 401700
	Water Abstractions Operator: Luddington Golf Ltd Licence Number: 2/27/08/142 Permit Version: 2 Location: Knoll Beck - Wath Upon Dearne Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manuvers Way, Wath Upon Dearne Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 4th June 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	1401	2	444030 401700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Express Park Development Co Ltd Licence Number: 2/27/08/142 Permit Version: 1 Location: Knoll Beck - Wath Upon Dearne Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Manuvers Way, Wath Upon Dearne Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 3rd May 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	1401	2	444030 401700
	Water Abstractions Operator: Thomas Black Limited Licence Number: 2/27/08/105 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 341 Yearly Rate (m3): 22730 Details: Licence 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	A6SW (SW)	1597	2	443740 401820
	Water Abstractions Operator: Rotherham Metropolitan Borough Council Licence Number: 2/27/08/109 Permit Version: Not Supplied Location: Wath Regeneration Scheme, Wath Marshalling Yards, WATH , South Yorkshire Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 175 Yearly Rate (m3): 45460 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (W)	1654	2	443570 402160
	Water Abstractions Operator: British Coal Licence Number: 2/27/08/011 Permit Version: Not Supplied Location: Wath Colliery Tip, WATH-UPON-DEARNE Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 193 Yearly Rate (m3): 45500 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1662	2	443560 402170



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Water Industry Act Referrals Name: Multiscreen Glass Ltd Location: MULTISCREEN GLASS LTD, UNIT 20 COMMERCIAL ROAD, GOLDTHORPE IND EST, ROTHERHAM, SOUTH YORKSHIRE, S63 9BL Authority: Environment Agency, North East Region Permit Reference: AE1947 Dated: 18th February 1992 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application cancelled Positional Accuracy: Automatically positioned to the address	A18NW (N)	940	2	445092 403458
	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 12 Vale of York Scale: 1:100,000	A13NE (SW)	0	2	445211 402499
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (SW)	0	1	445211 402499
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Undefined Events Boundary Accuracy: As Supplied	A13SE (S)	190	2	445273 402287
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Undefined Events Boundary Accuracy: As Supplied	A13SE (S)	209	2	445295 402275
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (S)	235	2	445235 402235
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Undefined Events Boundary Accuracy: As Supplied	A13SE (S)	238	2	445235 402232
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (S)	239	2	445230 402230
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Undefined Events Boundary Accuracy: As Supplied	A13SE (S)	241	2	445230 402229
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (S)	244	2	445215 402225
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (S)	234	2	445300 402250
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	Detailed River Network Lines River Type: Primary River River Name: River Dearne Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: RIVER DEARNE Name: Water Course: 0256 Reference:	A8NW (S)	340	2	445163 402133
43	Detailed River Network Lines River Type: Secondary River River Name: Drain Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (SE)	420	2	445463 402129
44	Detailed River Network Lines River Type: Secondary River River Name: Drain Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (S)	439	2	445228 402030
45	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: RIVER DEARNE Name: Water Course: 0256 Reference:	A8NE (SE)	479	2	445419 402035
46	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8NE (SE)	479	2	445419 402035
47	Detailed River Network Lines River Type: Primary River River Name: River Dearne Hydrographic Area: D004 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: RIVER DEARNE Name: Water Course: 0256 Reference:	A8NW (SW)	495	2	444955 402043



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	Detailed River Network Lines River Type: Primary River River Name: River Dearne Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: RIVER DEARNE Name: Water Course: 0256 Reference:	A8NW (SW)	495	2	444955 402043
	Detailed River Network Offline Drainage None				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Historical Landfill Sites Licence Holder: Wath Skip Hire Limited Location: Bolton on Dearne, Rotherham Name: Station Road Operator Location: Station Road, Bolton on Dearne, Rotherham, South Yorkshire Boundary Accuracy: As Supplied Provider Reference: EAHLD04439 First Input Date: 31st March 1979 Last Input Date: 12th April 1985 Specified Waste: Deposited Waste included Inert, Industrial and Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4400/0420 BGS Ref: Not Supplied Other Ref: WD20 B191, 4400/B191, 20B191(17)	A13NE (N)	51	2	445214 402577
50	Historical Landfill Sites Licence Holder: Rotherham Metropolitan Borough Council Location: Off Bolton Road, Wath Upon Dearne, Rotherham, South Yorkshire Name: Wath Manvers Former Coal Preparation Site Operator Location: Norfolk House, Walker Place, Rotherham, South Yorkshire Boundary Accuracy: As Supplied Provider Reference: EAHLD33008 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste Type: EA Waste Ref: 61558 Regis Ref: YQ1/L/ROT003 WRC Ref: 4400/0272 BGS Ref: Not Supplied Other Ref: WD20/R1099, 4400/R1099, NE2175	A8SE (S)	689	2	445434 401815
51	Historical Landfill Sites Licence Holder: National Coal Board South Yorkshire Area Location: Manvers Central Coal Preparation Plant Name: Wath Colliery Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04440 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: WD20 R161, 4400/R161, 20R161	A12SW (W)	977	2	444233 402296
52	Licensed Waste Management Facilities (Landfill Boundaries) Name: Wath Manvers Former Coal Preparation Site Licence Number: 61558 Location: Off Bolton Road, Wath Upon Dearne, Rotherham, S Yorks, S60 1QT Licence Holder: Rotherham Metropolitan Borough Council Authority: Environment Agency - North East Region, Ridings Area Site Category: Household, Commercial And Industrial Waste Landfills Max Input Rate: Large (Equal to or greater than 75,000 tonnes per year) Licence Status: Inactive Issued: 3rd August 1994 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A8SE (S)	689	2	445434 401815
53	Licensed Waste Management Facilities (Locations) Licence Number: 60600 Location: Land At Station Road, Station Road, Bolton Upon Dearne, Rotherham, South Yorkshire, S63 Operator Name: Bryan Hargreaves Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 30th October 1992 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	187	2	445300 402700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	Licensed Waste Management Facilities (Locations) Licence Number: 60544 Location: Lowfield Road, Bolton-on-dearne, Rotherham, South Yorkshire, S63 8JD Operator Name: Lowfield Road Dismantlers Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Transferred Issued: 9th June 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	667	2	445750 402940
55	Licensed Waste Management Facilities (Locations) Licence Number: 60612 Location: Lowfield Road, Side Of Railway Station, Bolton On Dearne, South Yorkshire Operator Name: Wright Sid Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Surrendered Issued: 9th September 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st November 2000 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	701	2	445820 402900
56	Licensed Waste Management Facilities (Locations) Licence Number: 60556 Location: Land/premises At, Lowfield Road, Bolton On Dearne, Barnsley, South Yorkshire, S63 8JD Operator Name: Number 1 Autosalvage Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Issued Issued: 22nd November 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Manually corrected supplier location	A19SW (NE)	712	2	445800 402950
57	Licensed Waste Management Facilities (Locations) Licence Number: 61558 Location: Off Bolton Road, Wath Upon Dearne, Rotherham, South Yorkshire, S60 1QT Operator Name: Rotherham Metropolitan Borough Council Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Household, Commercial And Industrial Waste Landfills Licence Status: Surrendered Issued: 3rd August 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 12th October 2005 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8SW (S)	769	2	445200 401700
	Local Authority Landfill Coverage Name: Barnsley Metropolitan Borough Council - Has supplied landfill data		0	3	445211 402499
	Local Authority Landfill Coverage Name: Rotherham Borough Council - Has supplied landfill data		342	5	445152 402133
	Local Authority Landfill Coverage Name: Doncaster Metropolitan Borough Council - Has supplied landfill data		590	4	445691 402119



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 17 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NW (N)	60	3	445202 402583
59	Registered Landfill Sites Licence Holder: Wath Skip Hire Ltd Licence Reference: WD20 B 191 Site Location: Wath Skip Hire, Station Road, Bolton Upon Dearne, Barnsley, South Yorkshire Licence Easting: 445250 Licence Northing: 402650 Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st March 1979 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction And Demolition Wastes Excavated Natural Materials \$ Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Prohibited Waste: Liquids In Containers Over 4l Cap. Slurry In Containers Over 4l Cap.	A13NE (N)	125	2	445250 402650
60	Registered Landfill Sites Licence Holder: Rotherham M.B.C. Licence Reference: WD20 R1099 Site Location: Former Coal Preparation Site, Bolton Road, Wath Upon Dearne, Rotherham, South Yorkshire Licence Easting: 445450 Licence Northing: 401750 Operator Location: Directorate of Planning, Norfolk House, Walker Place, ROTHERHAM, South Yorkshire, S60 1QT Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Site not yet started Dated: 3rd August 1994 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Aromatic & Aliphatic Hydrocarbon Arsenic Compounds Asbestos Contaminated Waste Colliery Spoil Halogenated Hydrocarbons Max.Waste Permitted By Licence Phenols, Analogues/Derivatives Sulphates Sulphides Tar, Pitch, Bitumen, Asphalts Vanadium Compounds	A8SE (S)	756	2	445450 401750



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	Registered Waste Transfer Sites Licence Holder: Wath Skip Hire Ltd Licence Reference: WD20 B 486 Site Location: Wath Skip Hire, Station Road, Bolton Upon Dearne, Barnsley, South Yorkshire Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st November 1985 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Construction And Demolition Wastes Excavated Natural Materials \$ Household + Commercial Waste Prohibited Waste: Asbestos Food Waste Liquids In Containers Over 4l Cap. Slurry In Containers Over 4l Cap.	A13NE (NE)	187	2	445300 402700
62	Registered Waste Transfer Sites Licence Holder: Bryan Hargreaves Ltd Licence Reference: WD20 B 900 MOD 1 Site Location: Station Road, Bolton Upon Dearne, Rotherham, South Yorkshire Operator Location: 1 Wath Wood Road, Wath upon Dearne, ROTHERHAM, South Yorkshire, S63 7PW Authority: Environment Agency - North East Region, Ridings Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site not yet started Dated: 1st October 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Commercial Waste Construction And Demolition Wastes Excavation Waste, Soil, Subsoil Ind. Non-Haz. Waste Max.Storage Max.Waste Permitted By Licence Prohibited Waste: Asbestos Of Any Type Liquid Wastes	A13NE (NE)	231	2	445400 402680
63	Registered Waste Treatment or Disposal Sites Licence Holder: Mr Leach t/a Leach Brothers Licence Reference: WD20 B1002 MOD 2 Site Location: Lowfield Road, Bolton Upon Dearne, Barnsley, South Yorkshire Operator Location: c/o 71 Calder Road, BOLTON UPON DEARNE, South Yorkshire, S63 8JH Authority: Environment Agency - North East Region, Ridings Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 1st March 1997 Preceded By: WD20 B1002 Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Cars Max.Stor Light Commercial Vehicles Max.Waste Permitted By Licence Prohibited Waste: Liquid Wastes Waste N.O.S.	A19SW (NE)	667	2	445750 402940



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Registered Waste Treatment or Disposal Sites Licence Holder: Mr Leach t/a Leach Brothers Licence Reference: WD20 B1002 Site Location: Lowfield Road, Bolton Upon Dearne, Barnsley, South Yorkshire Operator Location: c/o 71 Calder Road, BOLTON UPON DEARNE, South Yorkshire, S63 8JH Authority: Environment Agency - North East Region, Ridings Area Site Category: Scrapyard Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 1st June 1993 Preceded By: Not Given Licence: Superseded By: WD20 B1002 MOD 2 Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Batteries Max.Stor Cars Max.Stor Light Commercial Vehicles Prohibited Waste: Liquid Wastes	A19SW (NE)	667	2	445750 402940
64	Registered Waste Treatment or Disposal Sites Licence Holder: S Wright - Wath Autospares Licence Reference: WD20 B 997 MOD 1 Site Location: Bolton Car Spares, Lowfield Road, Bolton Upon Dearne, Barnsley, South Yorkshire Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence known to be surrenderedSurrendered Dated: 1st September 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Ferrous Metal Scrap Max.Waste Permitted By Licence Non-Ferrous Metal Scrap Scrap Vehs/Cars/Light Comm'ls Max Stor Wet Cell Batteries Max Stor. Prohibited Waste: Liquid Wastes Waste N.O.S.	A19SW (NE)	701	2	445820 402900
65	Registered Waste Treatment or Disposal Sites Licence Holder: Number 1 Autosalgave Licence Reference: WD20 B1127 MOD 2 Site Location: No 1 Autosalgave, Lowfield Road, Bolton Upon Dearne, Barnsley, South Yorkshire Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 22nd November 1996 Preceded By: WD20 B1003 Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Max.Waste Permitted By Licence Scrap Com.Vehs/Trailers/Cars Max.Stor Tyres Max.Stor Wet Cell Batteries Prohibited Waste: Liquid Wastes Waste N.O.S.	A19SW (NE)	712	2	445800 402950



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	Registered Waste Treatment or Disposal Sites Licence Holder: M D B White & M.A.Dobson t/a 1 Autosalvage Licence Reference: WD20 B1003 Site Location: No 1 Autosalvage, Lowfield Road, Bolton Upon Dearne, Barnsley, South Yorkshire Operator Location: 15 Lewes Road, CONISBROUGH, South Yorkshire, DN12 2NN Authority: Environment Agency - North East Region, Ridings Area Site Category: Scrapyard Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st September 1993 Preceded By: Not Given Licence: Superseded By: WD20 B1127 MOD 2 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Cars/Light Comm.Vehicles Max Stor. Wet Cell Batteries Max Stor. Prohibited Waste: Liquid Wastes Waste N.O.S.	A19SW (NE)	712	2	445800 402950



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13NE (SW)	0	1	445211 402499
66	BGS Recorded Mineral Sites Site Name: Bolton Hall Quarry Location: , Bolton-Upon-Dearne, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 108121 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NE (N)	123	1	445228 402651
67	BGS Recorded Mineral Sites Site Name: Wath Main Brick Works Location: , Bolton-Upon-Dearne, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 108120 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	661	1	444590 402793
68	BGS Recorded Mineral Sites Site Name: Gas Works Clay Pit Location: , Bolton-Upon-Dearne, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 108122 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Alluvium Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	809	1	445830 403066
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (SW)	0	6	445211 402499
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (SW)	0	-	445211 402499
	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	A13NE (SW)	0	1	445211 402499
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	188	1	445000 402499
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	445211 402499
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	188	1	445000 402499
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	445211 402499
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	188	1	445000 402499



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	445211 402499
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	188	1	445000 402499
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	445211 402499
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	188	1	445000 402499
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	445222 402521
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	445211 402499
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	188	1	445000 402499
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	236	1	445000 402653
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (SW)	0	1	445211 402499
	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	A13NE (SW)	0	1	445211 402499



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	Contemporary Trade Directory Entries Name: L A W Andrews (Mexborough) Ltd Location: 17-21, Wath Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8LQ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	0	-	445198 402502
69	Contemporary Trade Directory Entries Name: Andrews Location: Wath Rd, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8LQ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NW (W)	26	-	445162 402510
70	Contemporary Trade Directory Entries Name: Andrew Cowley Location: Tramways, Wath Rd, Bolton Upon Dearne, Rotherham, South Yorkshire, S63 8JP Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	27	-	445233 402554
71	Contemporary Trade Directory Entries Name: Jwh Location: 6, Kendal Drive, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8NJ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	44	-	445207 402426
72	Contemporary Trade Directory Entries Name: S.M. Auto Services Location: 42, Wath Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8JP Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	62	-	445127 402523
73	Contemporary Trade Directory Entries Name: Hometune Motoring Services Location: 5, Rydal Close, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8NN Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	124	-	445281 402362
74	Contemporary Trade Directory Entries Name: Dust Duo Location: 40, Coniston Drive, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8NE Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	196	-	445065 402330
75	Contemporary Trade Directory Entries Name: Barnies Rubble Fencing & Diy Location: 22, Station Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8AB Classification: Fencing Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	301	-	445465 402710
76	Contemporary Trade Directory Entries Name: Aqua Scaffolding Location: 137, Dearne Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8JT Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	380	-	444932 402204
77	Contemporary Trade Directory Entries Name: G M Asquith Fabrications Ltd Location: 13 Angel Street, Bolton-Upon-Dearne, Rotherham, South Yorkshire, S63 8NA Classification: Gate Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location	A14NW (E)	413	-	445640 402542
78	Contemporary Trade Directory Entries Name: Tonge & Associates Location: 4, Chapel Street, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8HY Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	440	-	445499 402873



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	Contemporary Trade Directory Entries Name: Aqua Scaffolding Location: 1, Watermead, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8NF Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	461	-	445652 402305
80	Contemporary Trade Directory Entries Name: Stallite Batteries Ltd Location: Carr Head La, Bolton Upon Dearne, Rotherham, South Yorkshire, S63 8DA Classification: Battery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	472	-	444853 402844
81	Contemporary Trade Directory Entries Name: Gateways Fuels Ltd Location: Mambors Depot, Mexborough Rd, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8LX Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (SE)	486	-	445637 402225
82	Contemporary Trade Directory Entries Name: Dearne Filling Station Location: Mexborough Rd, Bolton Upon Dearne, Rotherham, South Yorkshire, S63 8LX Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	509	-	445638 402184
82	Contemporary Trade Directory Entries Name: Ogden Group Of Companies Ltd Location: Mexborough Rd, Bolton-Upon-Dearne, Rotherham, South Yorkshire, S63 8LX Classification: Coal Mining Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (SE)	538	-	445670 402180
83	Contemporary Trade Directory Entries Name: Dearne Office Supplies Location: 8, Maori Avenue, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8DX Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	631	-	444572 402648
84	Contemporary Trade Directory Entries Name: Dearne Metals Location: 3 Lowfield Rd, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8JF Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (E)	644	-	445868 402583
85	Contemporary Trade Directory Entries Name: Motor Spares Uk Location: Lowfield Road, Bolton-upon-Dearne, Rotherham, S63 8JD Classification: Car Breakers & Dismantlers Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	678	-	445771 402932
85	Contemporary Trade Directory Entries Name: Lowfield Road Dismantlers Location: Lowfield Road, Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8JD Classification: Car Breakdown & Recovery Services Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	678	-	445771 402932
86	Contemporary Trade Directory Entries Name: Granville Oil & Chemicals Ltd Location: Unit 29, Goldthorpe Industrial Estate, Commercial Road, Goldthorpe, Rotherham, South Yorkshire, S63 9BL Classification: Chemical Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	845	-	444918 403314
87	Contemporary Trade Directory Entries Name: Workshop Recycling Location: Unit 23b, Goldthorpe Industrial Estate, Commercial Road, Goldthorpe, Rotherham, South Yorkshire, S63 9BL Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	854	-	445073 403367



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	Contemporary Trade Directory Entries Name: Workshop Recycling Location: Unit 23b, Goldthorpe Industrial Estate, Commercial Road, Goldthorpe, Rotherham, South Yorkshire, S63 9BL Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	854	-	445073 403367
87	Contemporary Trade Directory Entries Name: Lenzkes Clamping Tools (Gb) Ltd Location: Unit 22 Goldthorpe Indust Est, Commercial Rd, Goldthorpe, Rotherham, South Yorkshire, S63 9BL Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	876	-	445041 403384
87	Contemporary Trade Directory Entries Name: Aqualogy Location: Unit 4, Goldthorpe Industrial Estate, Commercial Road, Goldthorpe, Rotherham, S63 9BL Classification: Chemical Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	895	-	445083 403411
88	Contemporary Trade Directory Entries Name: No 1 Auto Salvage Location: Lowfield Road, Bolton-upon-Dearne, Rotherham, South Yorkshire, S63 8JD Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A14NE (E)	867	-	446094 402554
89	Contemporary Trade Directory Entries Name: Hatfields Windows Location: Cambertown House, Goldthorpe Industrial Estate, Commercial Road, Goldthorpe, Rotherham, South Yorkshire, S63 9BL Classification: Window Frame Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	895	-	445084 403412
89	Contemporary Trade Directory Entries Name: Promar International Location: Unit 20, Goldthorpe Industrial Estate, Commercial Road, Goldthorpe, Rotherham, South Yorkshire, S63 9BL Classification: Laboratories Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NW (N)	940	-	445092 403458
90	Contemporary Trade Directory Entries Name: Maplin Electronics Ltd Location: Unit 1, Brookfields Way, Manvers, ROTHERHAM, South Yorkshire, S63 5DL Classification: Electronic Component Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	918	-	444892 401609
91	Contemporary Trade Directory Entries Name: Cepac Location: Meadows Road, Brookfields Park, Manvers, Rotherham, South Yorkshire, S63 5DJ Classification: Boxes & Cartons Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	918	-	444724 401688
92	Contemporary Trade Directory Entries Name: Nettlefolds Location: Unit 15, Goldthorpe Industrial Estate, Commercial Road, Goldthorpe, Rotherham, South Yorkshire, S63 9BL Classification: Nuts, Bolts & Fixings Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	999	-	445092 403518
93	Fuel Station Entries Name: Dearne Filling Station Location: Mexborough Road, Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8LX Brand: Wcf Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A14SW (SE)	509	-	445638 402184



Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	Areas of Adopted Green Belt Authority: Rotherham Metropolitan Borough Council Plan Name: Rotherham Unitary Development Plan Status: Adopted Plan Date: 14th June 1999	A8NW (S)	349	7	445167 402123
95	Areas of Adopted Green Belt Authority: Barnsley Metropolitan Borough Council, Planning Department Plan Name: Barnsley Unitary Development Plan Status: Adopted Plan Date: 31st December 2000	A14NW (E)	526	8	445744 402619
96	Areas of Adopted Green Belt Authority: Doncaster Metropolitan Borough Council Plan Name: Doncaster Unitary Development Plan Status: Adopted Plan Date: 31st July 1998	A9NW (SE)	584	9	445683 402118
97	Areas of Adopted Green Belt Authority: Barnsley Metropolitan Borough Council, Planning Department Plan Name: Barnsley Unitary Development Plan Status: Adopted Plan Date: 31st December 2000	A17SE (NW)	694	8	444631 402925
98	Nitrate Vulnerable Zones Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13NE (SW)	0	10	445211 402499



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Doncaster Metropolitan Borough Council - Environmental Services Rotherham Metropolitan Borough Council - Environmental Health Department Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Wakefield City Metropolitan District Council - Environmental Health	April 2014 April 2014 July 2013 March 2015	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	April 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North East Region	April 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Doncaster Metropolitan Borough Council - Environmental Services Wakefield City Metropolitan District Council - Environmental Health Rotherham Metropolitan Borough Council - Planning Department	April 2014 June 2014 June 2014 October 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Doncaster Metropolitan Borough Council - Environmental Services Wakefield City Metropolitan District Council - Environmental Health Rotherham Metropolitan Borough Council - Planning Department	April 2014 June 2014 June 2014 October 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Doncaster Metropolitan Borough Council - Environmental Services Wakefield City Metropolitan District Council - Environmental Health Rotherham Metropolitan Borough Council - Planning Department	April 2014 June 2014 June 2014 October 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2016 April 2016	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	April 2016	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	April 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable



Agency & Hydrological	Version	Update Cycle
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	April 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2016	Quarterly
Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually



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	May 2016	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	May 2016 May 2016	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2016 April 2016	Quarterly Quarterly
Local Authority Landfill Coverage Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Doncaster Metropolitan Borough Council - Environmental Services Rotherham Metropolitan Borough Council - Environmental Health Department Wakefield City Metropolitan District Council - Environmental Health	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Doncaster Metropolitan Borough Council - Environmental Services Rotherham Metropolitan Borough Council - Environmental Health Department Wakefield City Metropolitan District Council - Environmental Health	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Rotherham Metropolitan Borough Council Wakefield City Metropolitan District Council Barnsley Metropolitan Borough Council - Planning Department Doncaster Metropolitan Borough Council	February 2016 February 2016 January 2016 October 2015	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Rotherham Metropolitan Borough Council Wakefield City Metropolitan District Council Barnsley Metropolitan Borough Council - Planning Department Doncaster Metropolitan Borough Council	February 2016 February 2016 January 2016 October 2015	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update



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 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
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	June 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	July 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually



Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Adopted Green Belt Barnsley Metropolitan Borough Council - Planning Department Doncaster Metropolitan Borough Council Rotherham Metropolitan Borough Council Wakefield City Metropolitan District Council	May 2016 May 2016 May 2016 May 2016	As notified As notified As notified As notified
Areas of Unadopted Green Belt Barnsley Metropolitan Borough Council - Planning Department Doncaster Metropolitan Borough Council Rotherham Metropolitan Borough Council Wakefield City Metropolitan District Council	November 2015 November 2015 November 2015 November 2015	As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually



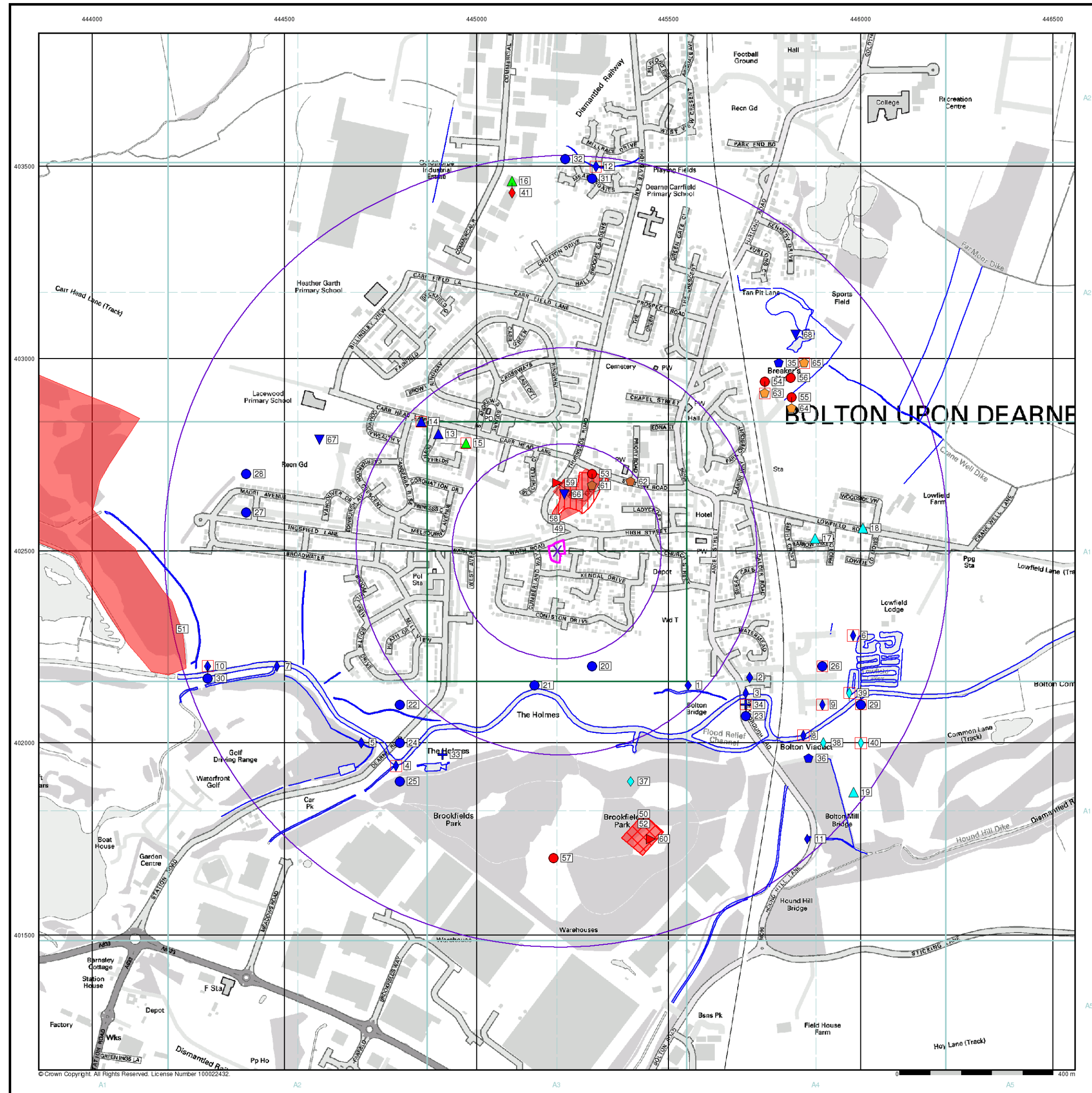
A selection of organisations who provide data within this report

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



Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham 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	Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
4	Doncaster Metropolitan Borough Council - Environmental Services Floor 3, Council House, College Road, Doncaster, South Yorkshire, DN1 1RN	Telephone: 01302 734444 Fax: 01302 734949 Website: www.doncaster.gov.uk
5	Rotherham Metropolitan Borough Council - Environmental Health Department Howard Building, College Lane, Rotherham, South Yorkshire, S65 1AX	Website: www.rotherham.gov.uk
6	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk
7	Rotherham Metropolitan Borough Council Bailey House, Rawmarsh Road, Rotherham, South Yorkshire, S60 1QT	Telephone: 01709 382121 Fax: 01709 823810 Website: www.rotherham.gov.uk
8	Barnsley Metropolitan Borough Council - Planning Department Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
9	Doncaster Metropolitan Borough Council Danum House, St Sepulchre Gate, Doncaster, South Yorkshire, DN1 1UB	Telephone: 01302 734854 Fax: 01302 734949 Website: www.doncaster.gov.uk
10	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
-	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

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



ARP GEOTECHNICAL LIMITED
CHARTERED CONSULTING ENGINEERS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Types 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

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

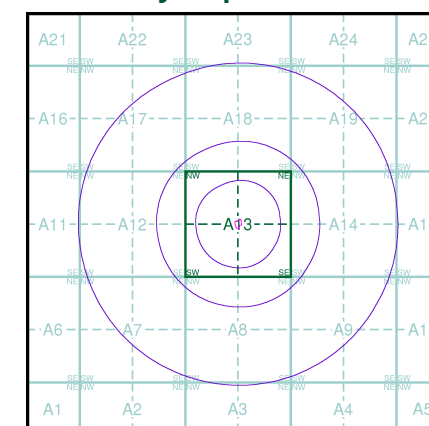
Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice A



Order Details

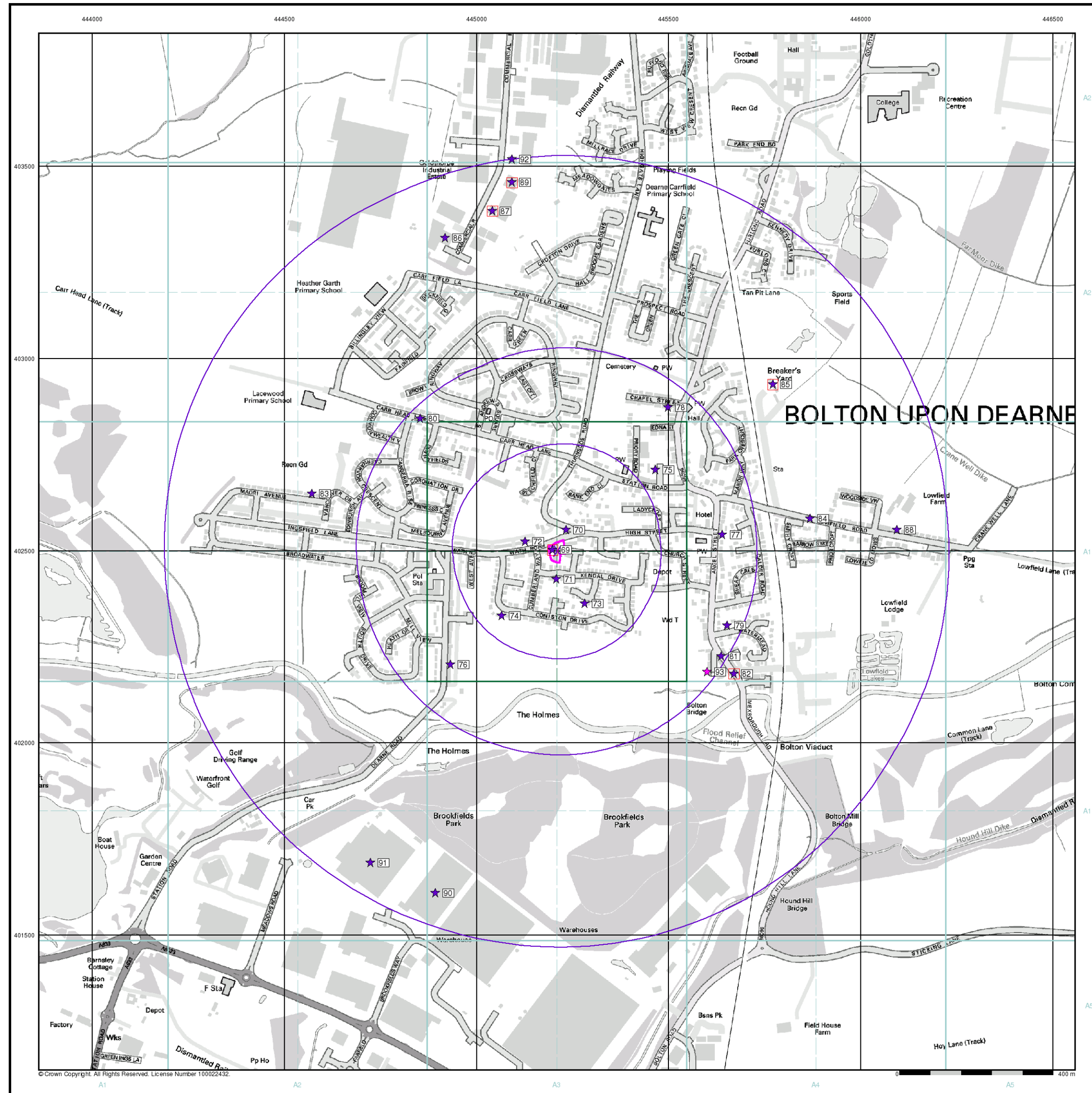
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National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

17 Wath Road, Bolton-upon-Dearne, ROTHERHAM, South Yorkshire, S63 8LQ



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



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Industrial Land Use Map

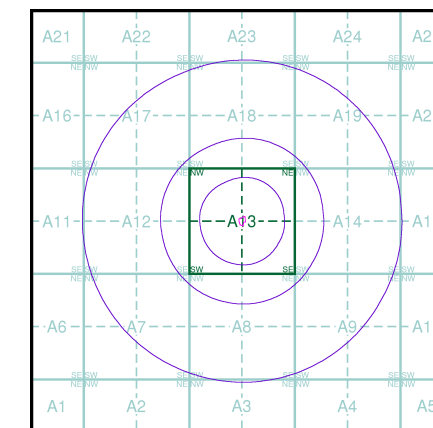
General

- 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

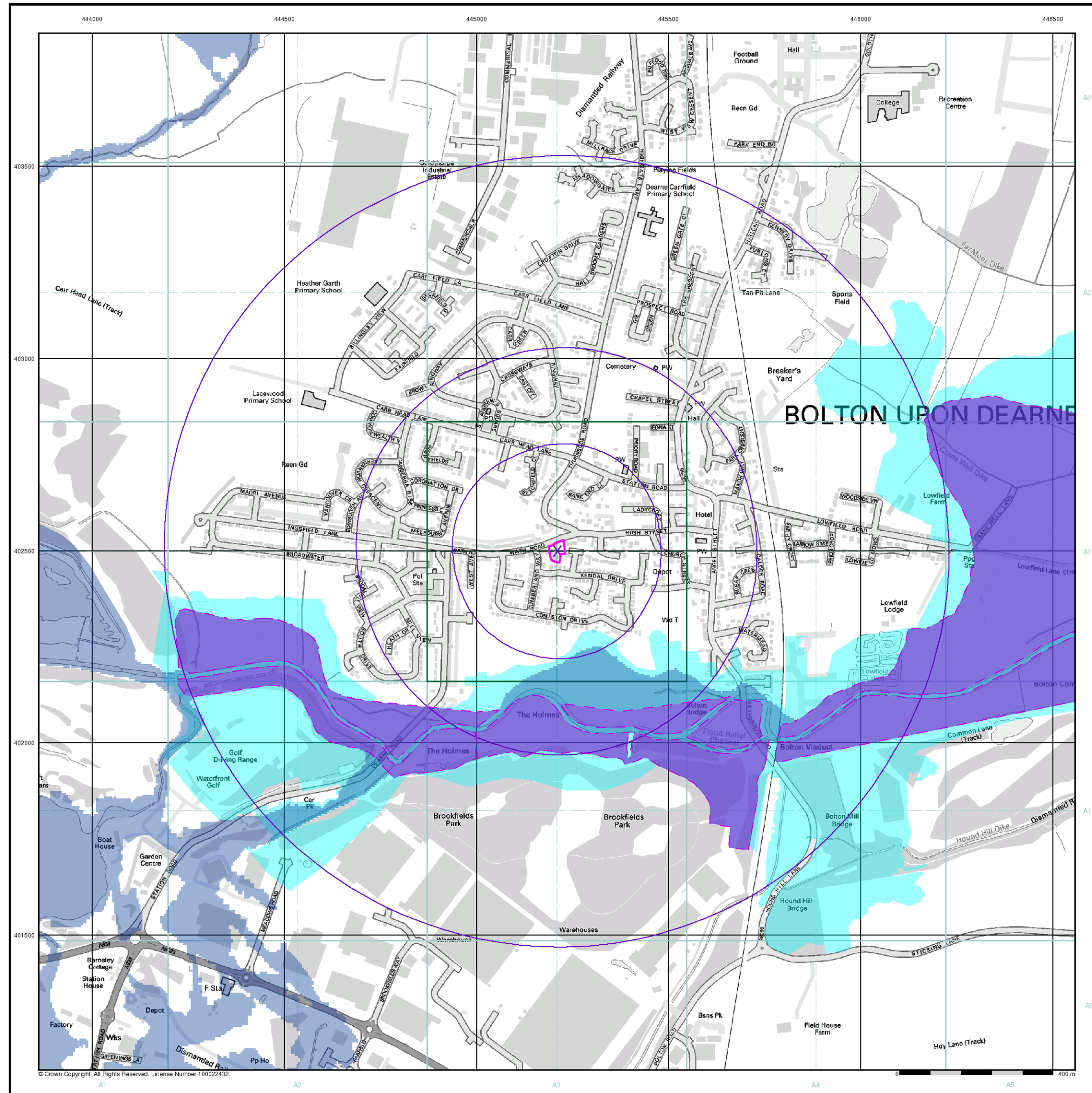
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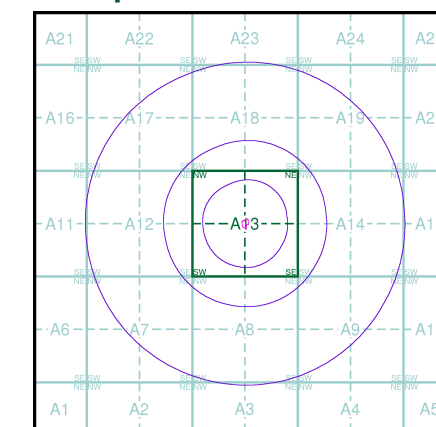
General

- Specified Site
- Specified Buffer(s)
- 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

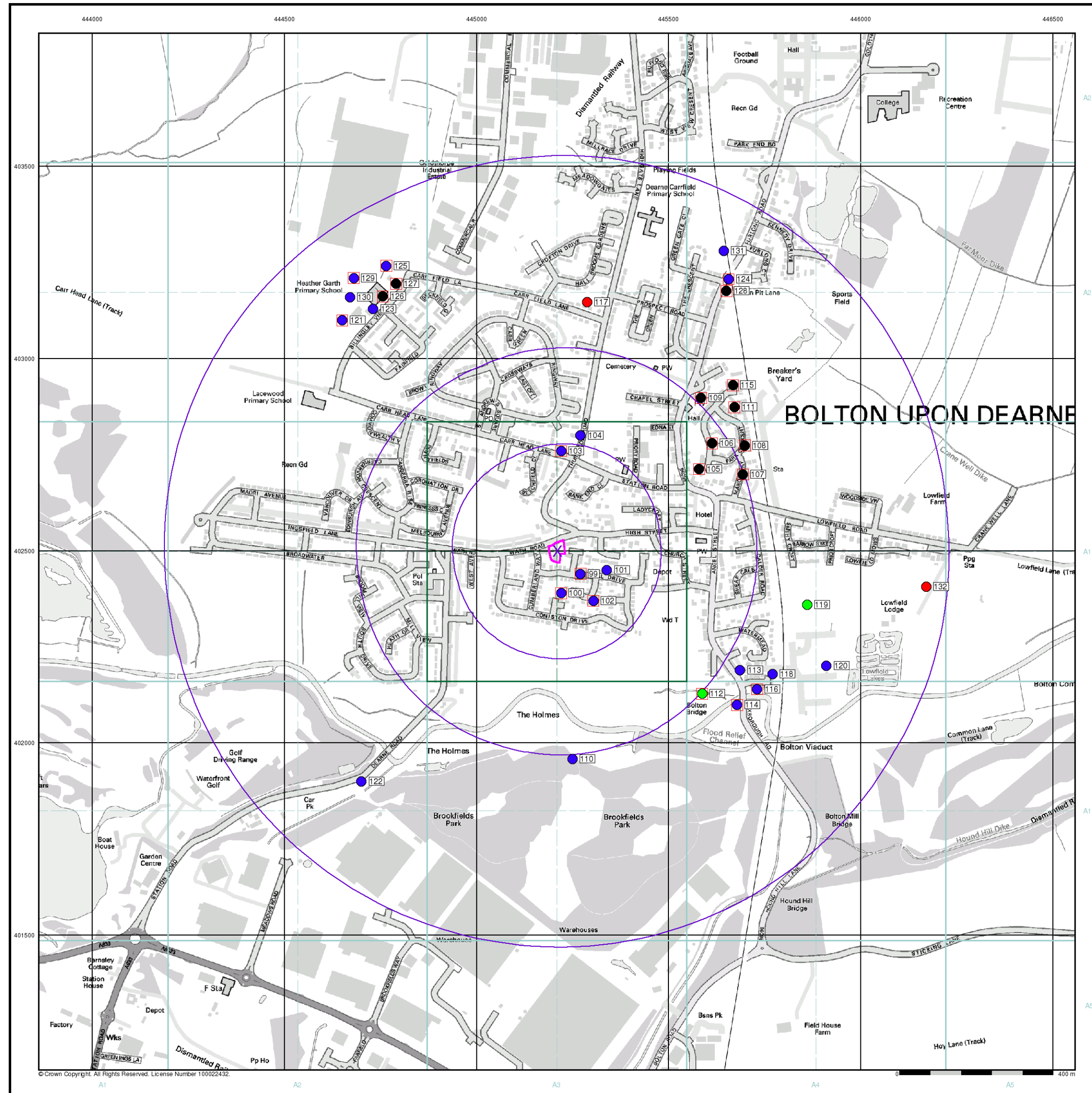
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Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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Yorkshire, S63 8LQ



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



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General

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

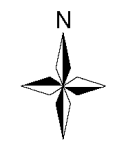
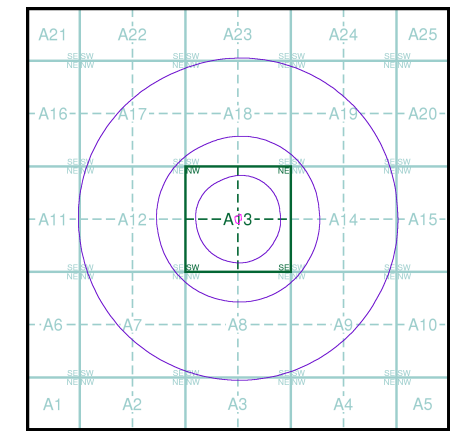
Agency and Hydrological (Boreholes)

- 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

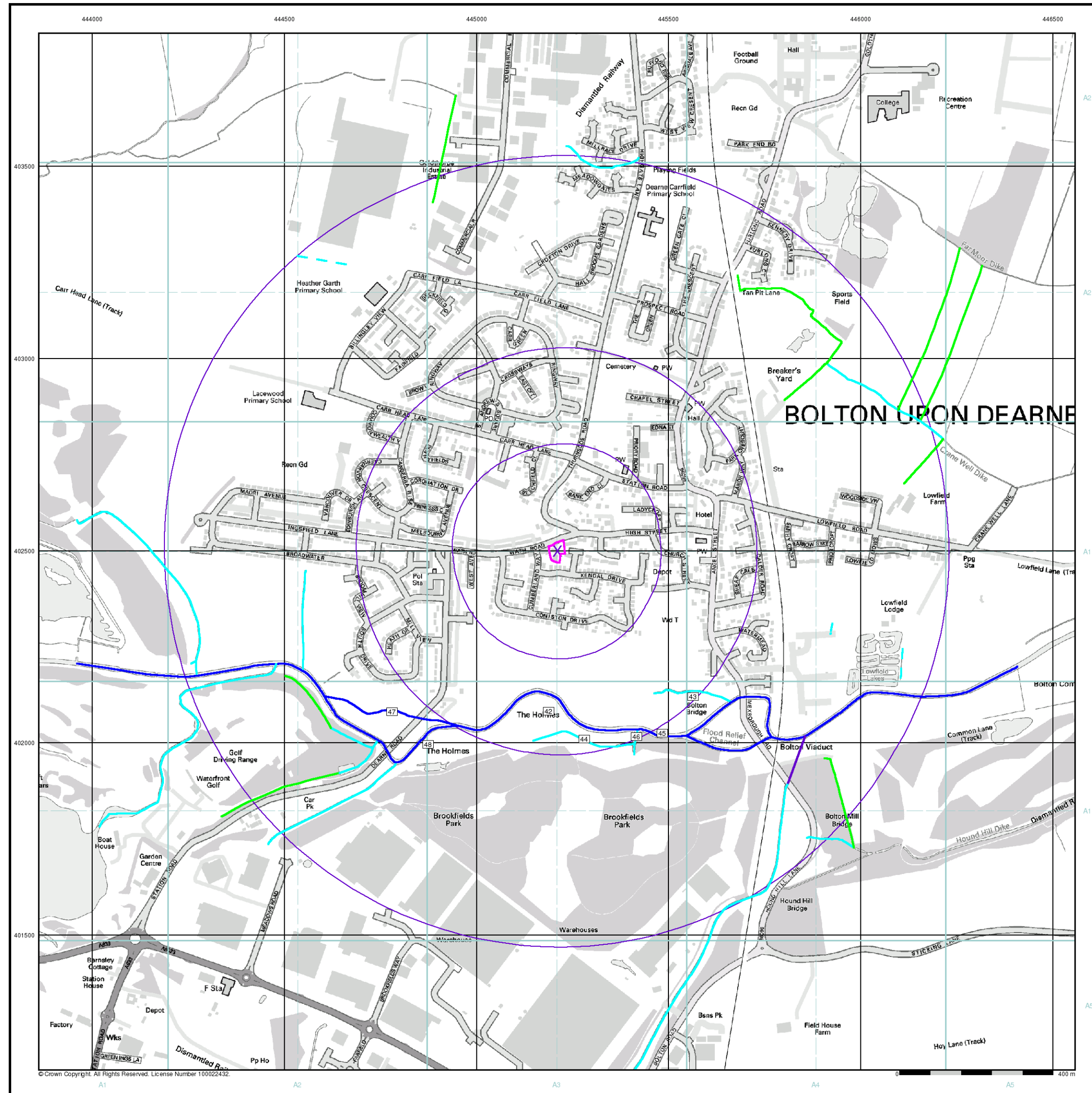
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

17 Wath Road, Bolton-upon-Deane, ROTHERHAM, South Yorkshire, S63 8LQ



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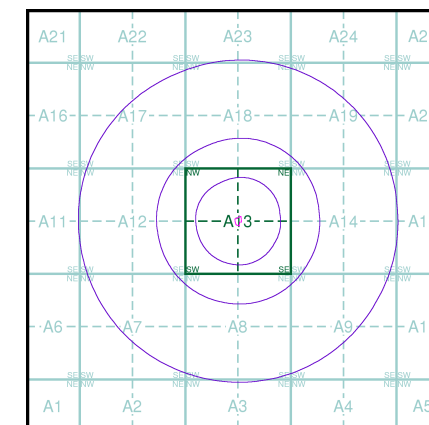
General

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

Detailed River Network Data

- | | |
|--------------------------|-------------------------------------|
| Primary River | Extended Culvert (greater than 50m) |
| Secondary River | Underground River (inferred) |
| Tertiary River | Underground River (local knowledge) |
| Canal | Downstream of High Water Mark |
| Canal Tunnel | Downstream of Seaward Extension |
| Undefined River | Not assigned River feature |
| Lake/Reservoir | |
| Offline Drainage Feature | |

EAN/RW Detailed River Network Map - Slice A



Order Details

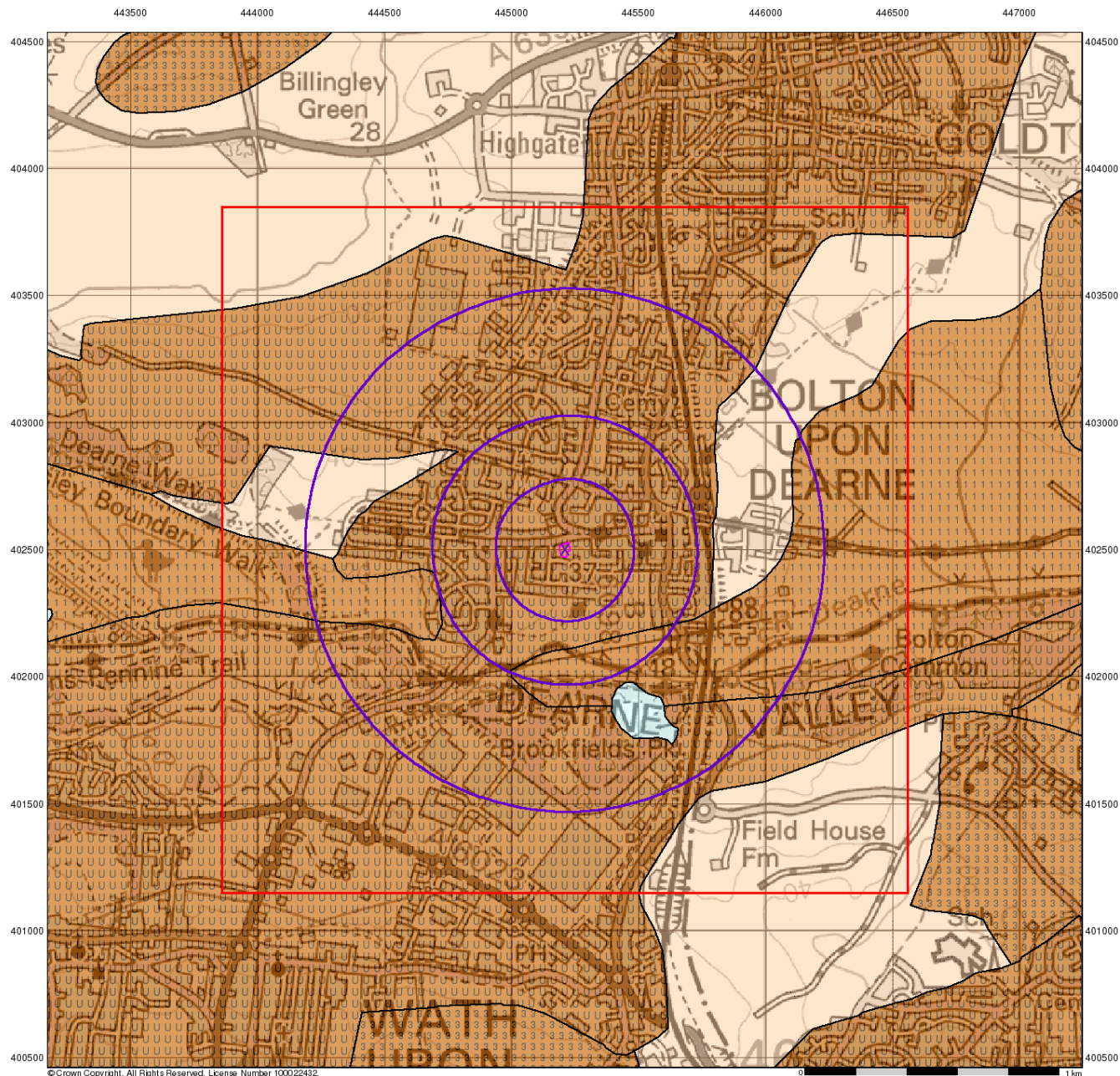
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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Groundwater Vulnerability

General

- ✧ Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice 8 Map ID

Agency and Hydrological

Geological Classes

Major Aquifer (Highly Permeable)

Minor Aquifer (Variably Permeable)

Non Aquifer (Negligibly Permeable)

Water or Sea

Drift Deposit

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

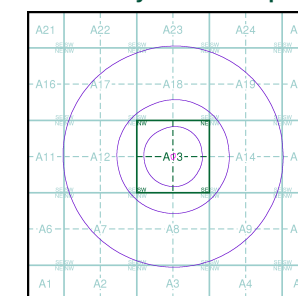
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Site Sensitivity Context Map - Slice A



Order Details

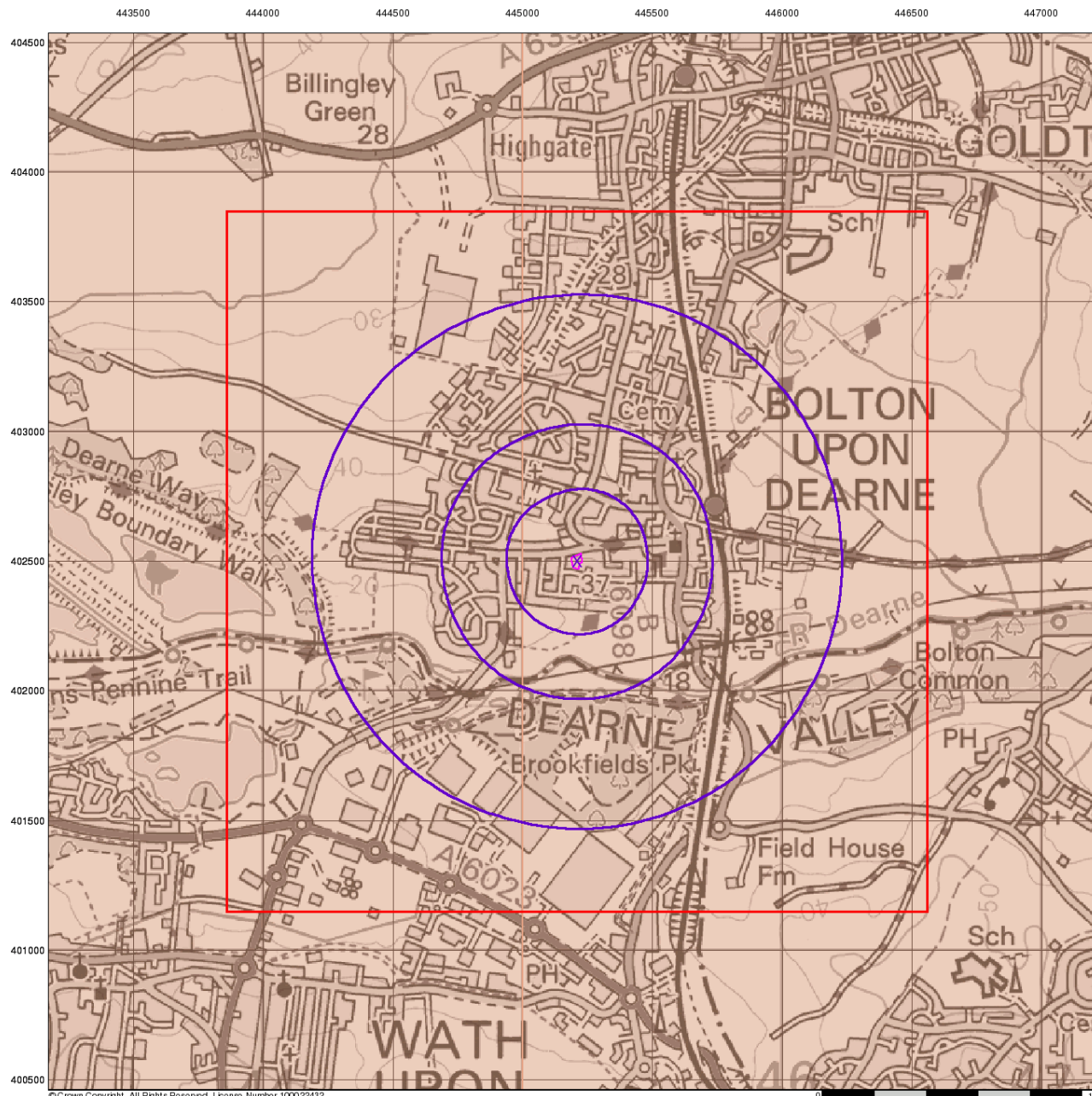
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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0 1 km



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Bedrock Aquifer Designation

General

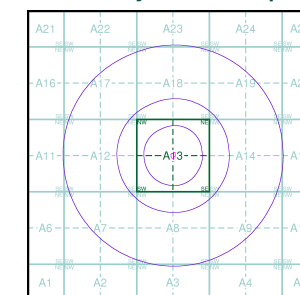
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

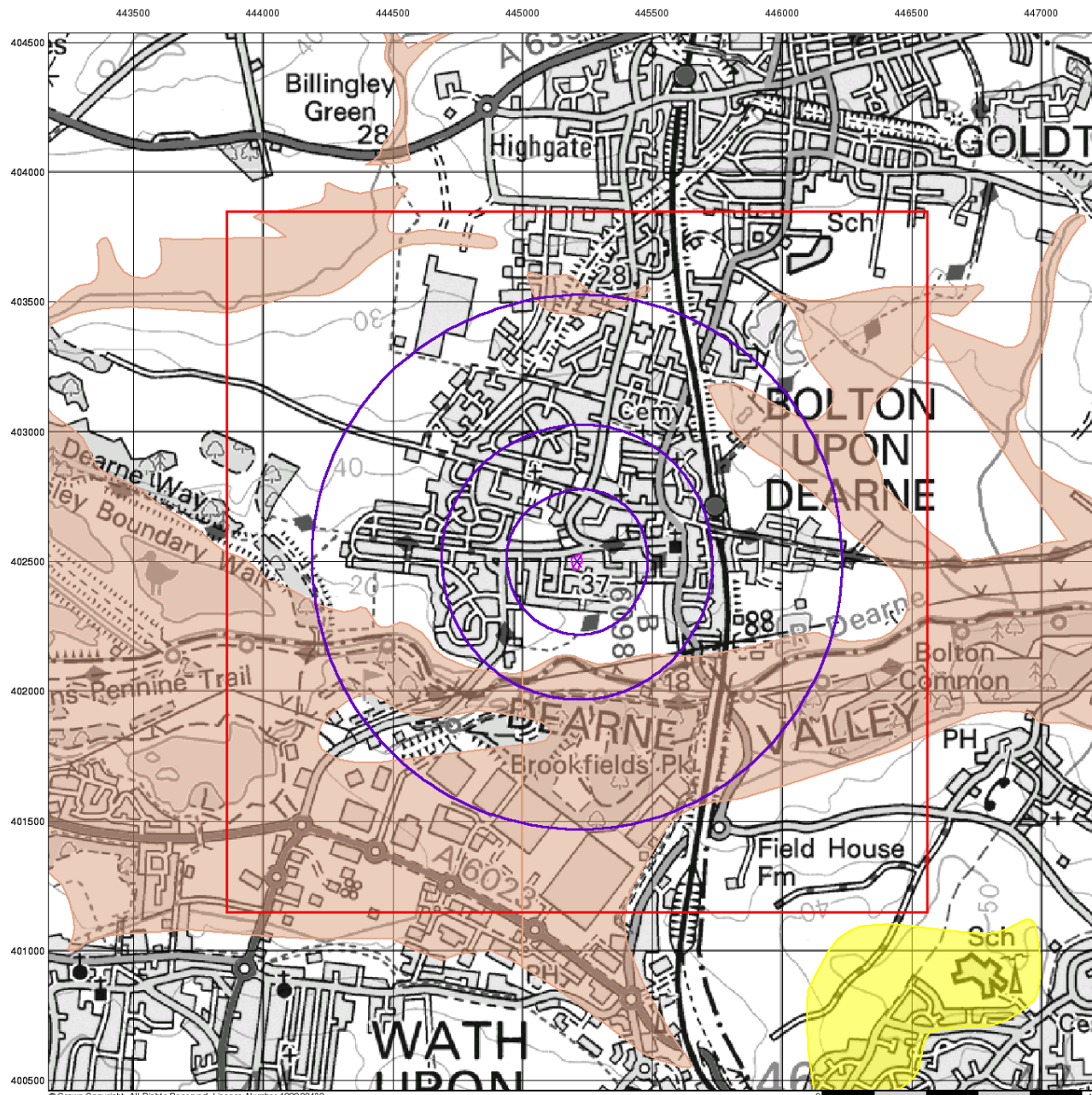
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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Superficial Aquifer Designation

General

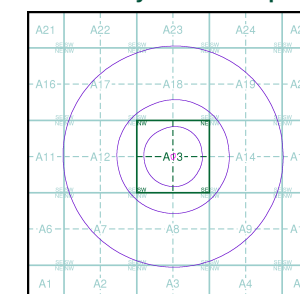
- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

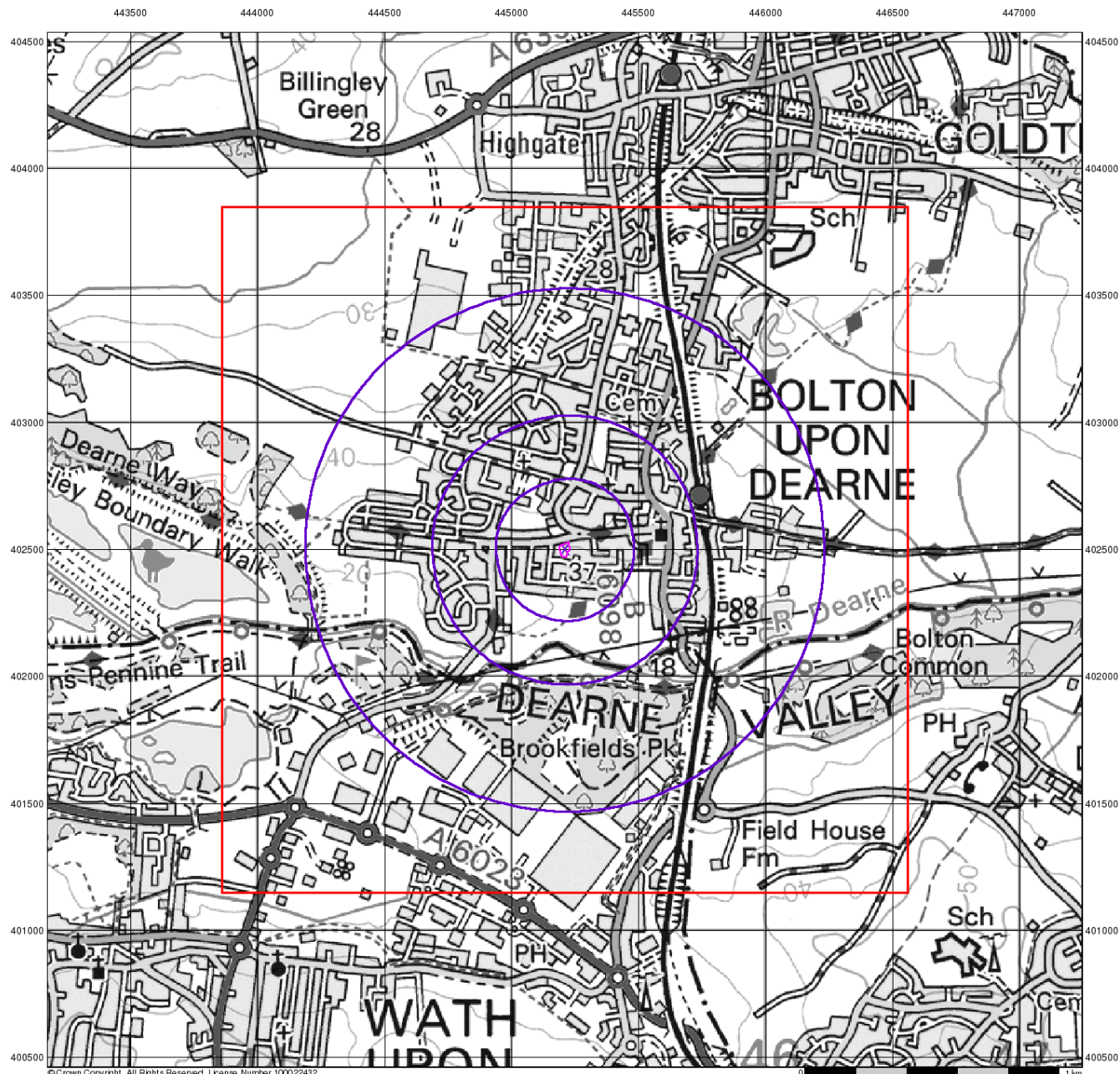
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

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Source Protection Zones

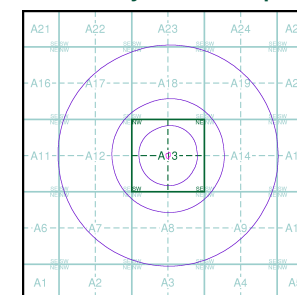
General

- 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)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

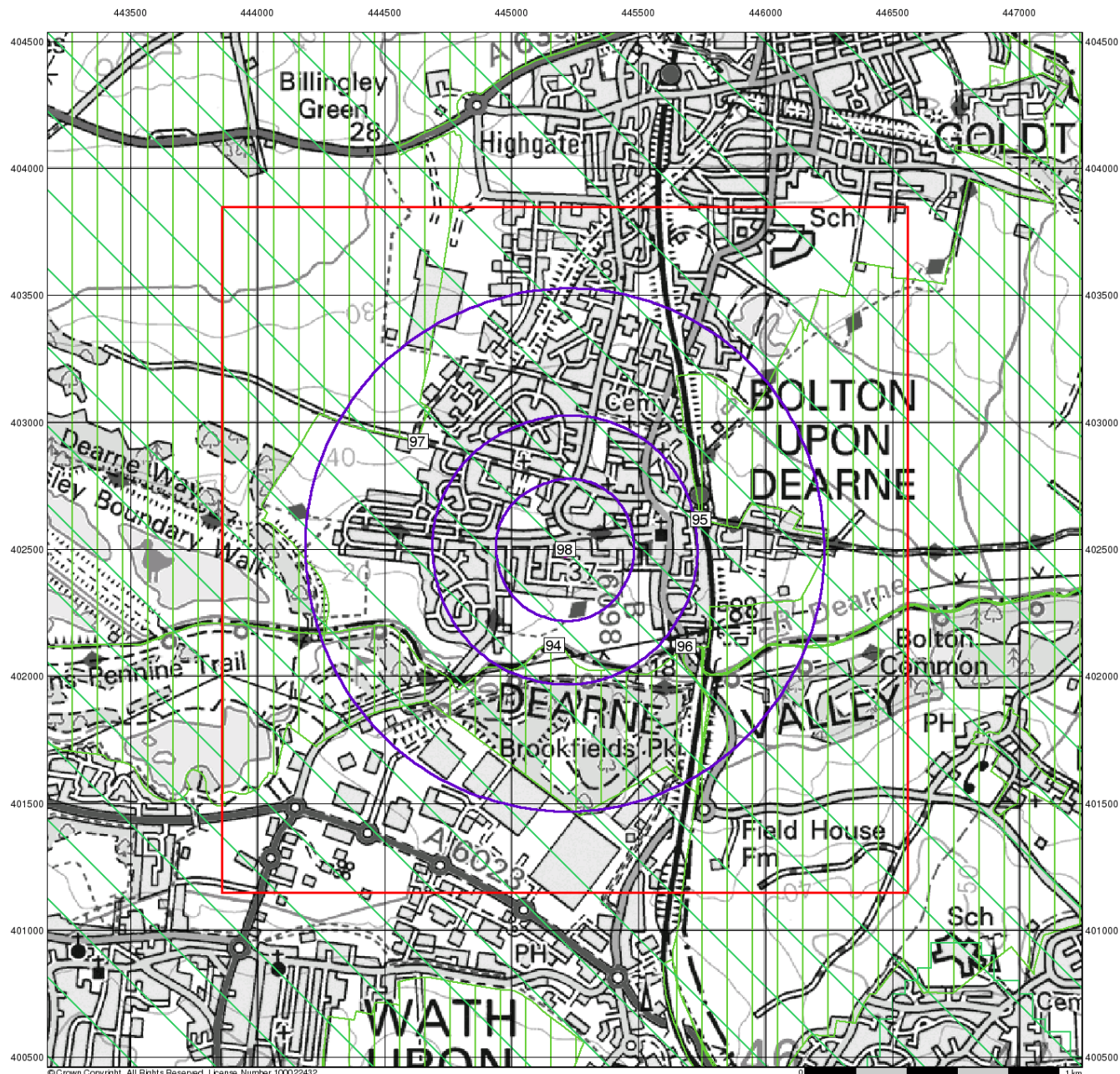
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
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Sensitive Land Uses

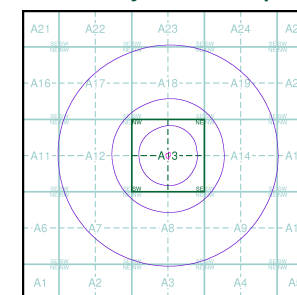
General

- 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



Order Details

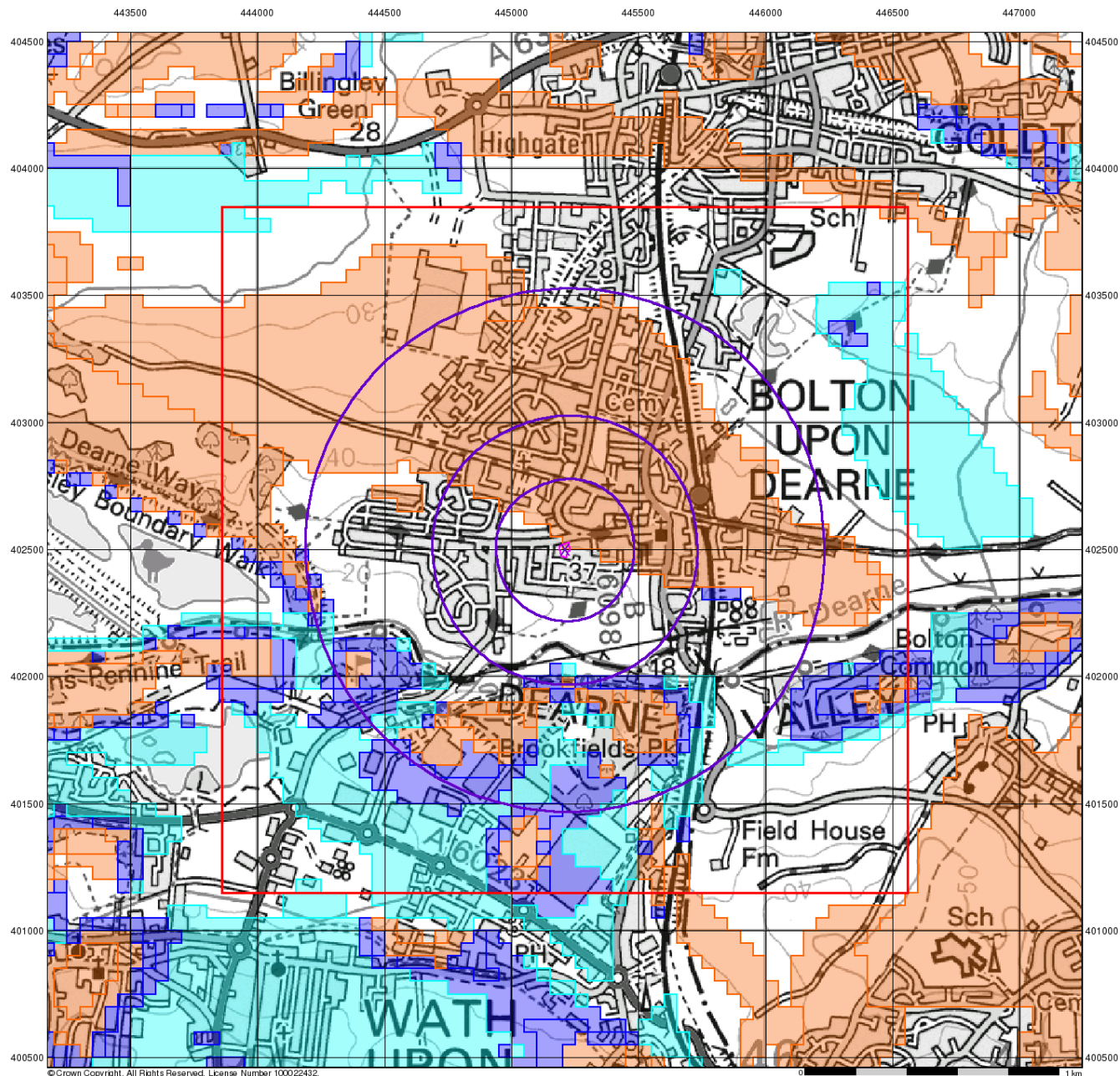
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
Search Buffer (m): 1000

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BGS Flood GFS Data

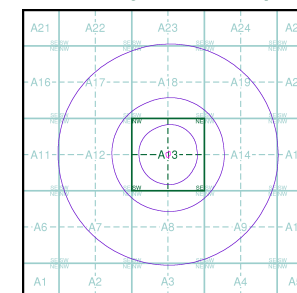
General

- 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



Order Details

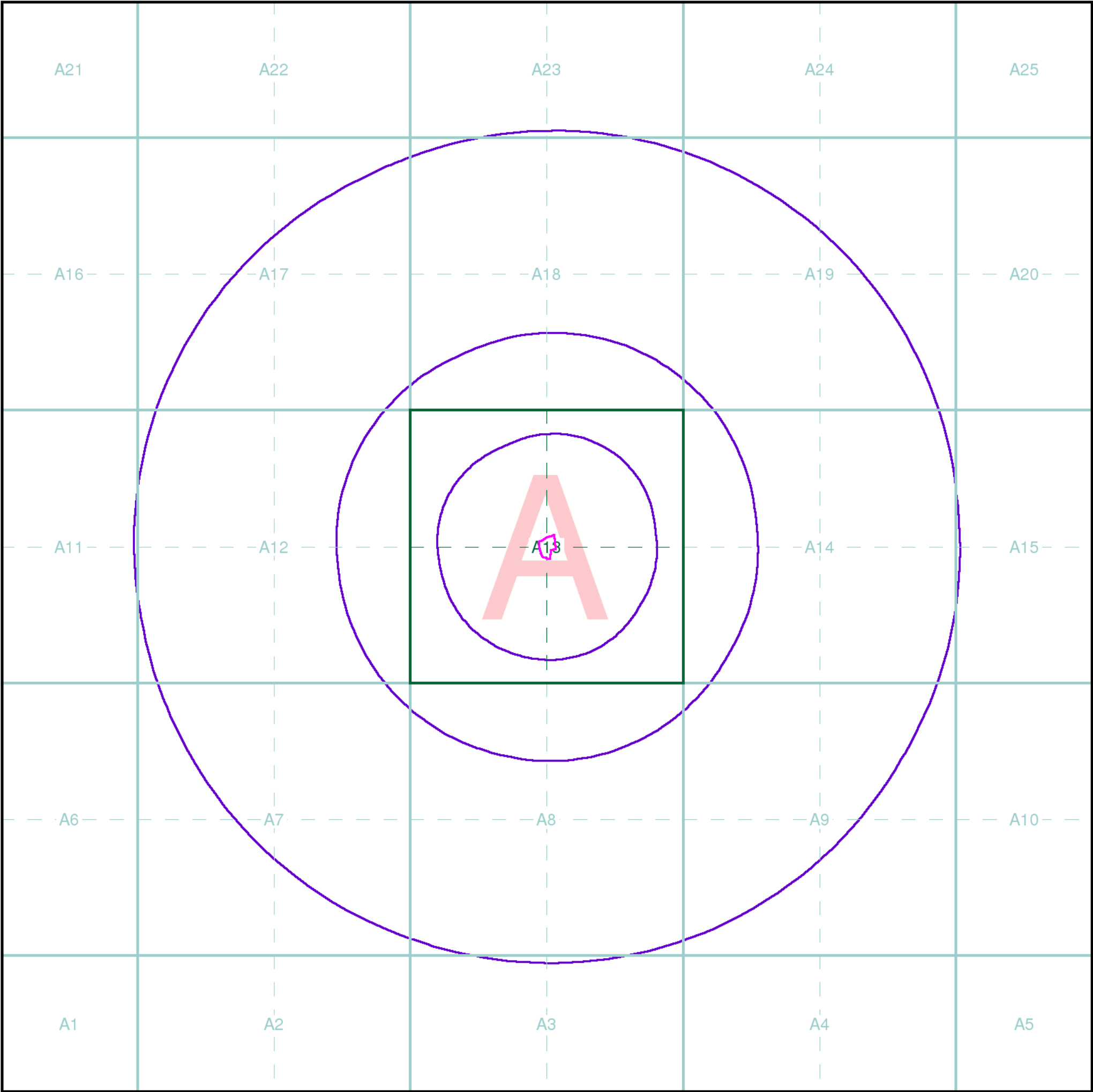
Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Slice: A
Site Area (Ha): 0.17
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Index Map

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:



Envirocheck reports are compiled from 136 different sources of data.

Prepared For

Mark Woodhead
79a Wellgate
Rotherham
South Yorkshire
S60 2LZ

Client Details

Mr J Race, ARP Geotechnical Ltd, Northwest House, 5-6
Northwest Business Park, Servia Hill, Leeds, LS6 2QH

Order Details

Order Number: 91804770_1_1
Customer Ref: ECL/05
National Grid Reference: 445210, 402500
Site Area (Ha): 0.17
Search Buffer (m): 1000

Site Details

17 Wath Road, Bolton-upon-Deerne, ROTHERHAM, South
Yorkshire, S63 8LQ

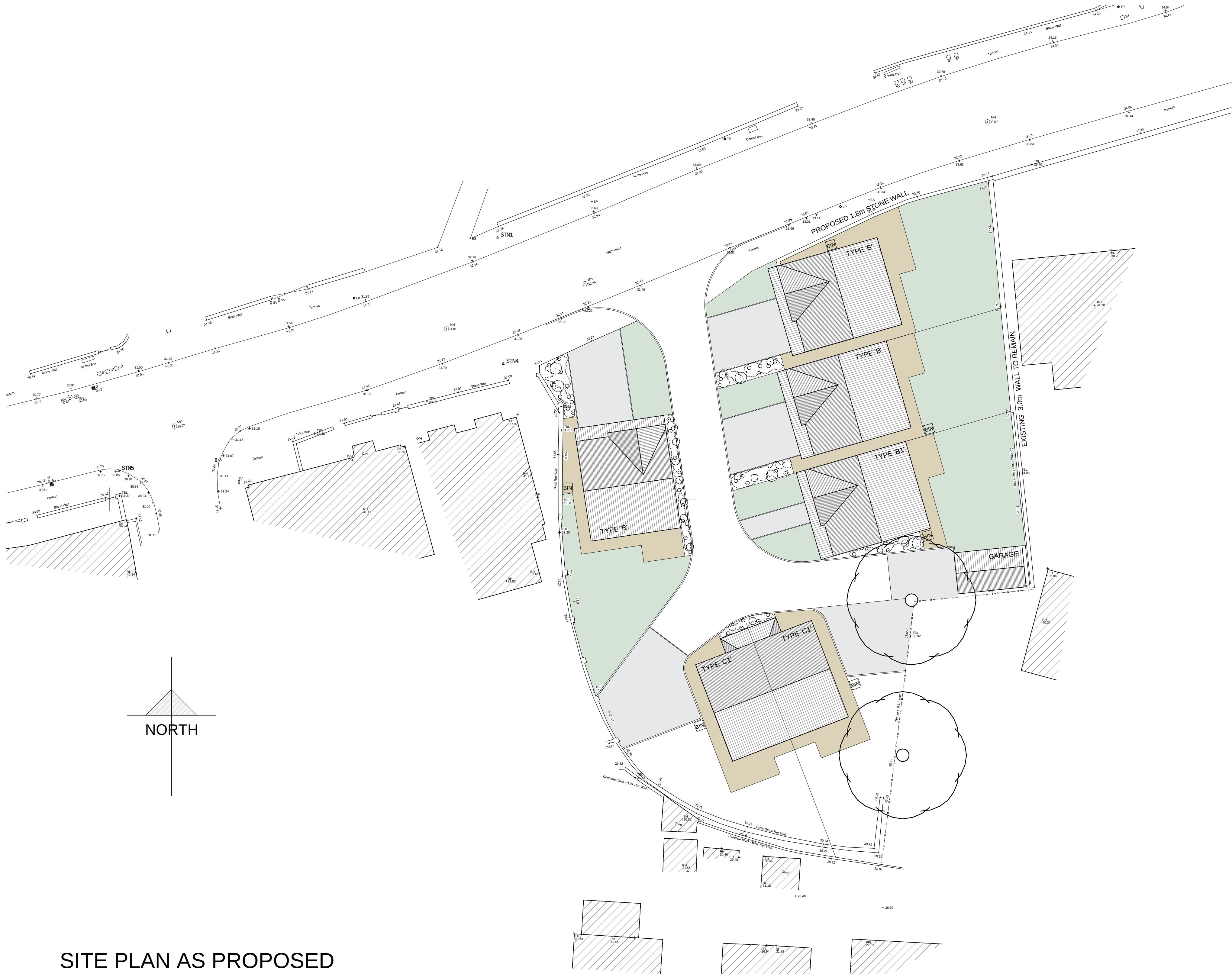
Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>



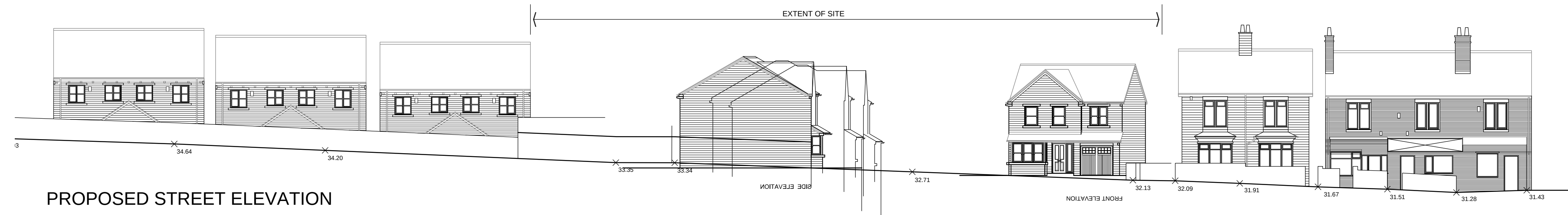
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APPENDIX F

INDICATIVE PROPOSED SITE LAYOUT



SITE PLAN AS PROPOSED



PROPOSED STREET ELEVATION



SITE LOCATION PLAN

FOR HOUSE TYPE PLANS AND ELEVATIONS REFER TO ETON CONSTRUCTION DRAWING REF : EC06-20

All work to be carried out in accordance with the requirements of the Building Regulations, Water Authority and the Construction (Design and Management) Regulations currently in force.

Do not scale from this drawing. Architect to be notified of any discrepancies.
Verify relevant dimensions on site before commencing work or preparing shop drawings.

Rev.	Description:	By:	Date:
Drawing Status :		PRELIMINARY	
 79A WELLGATE, ROTHERHAM, S60 2LZ Tel: 01709 365 964 Website: www.etonconstruction.com			
Project:		Development of land off Wath Road, Bolton upon Dearne	
Drawing:		Site as Proposed	
Client:		Eton Homes Ltd	
COPYRIGHT – This drawing is subject to copyright and cannot be reproduced without the permission of the Company. ©			
Scales:		Date:	
1:200, 1:500 @ A1			
Drawing Number:		Revision:	Drawn by:
EC06-15		-	MW