# DESK STUDY REPORT

AT

HOLGATE/KINGSTONE ADVANCED
LEARNING CENTRE
BARNSLEY

ON BEHALF OF

G L HEARN LIMITED

# ARP GEOTECHNICAL LTD

# CHARTERED CONSULTING ENGINEERS

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## BARNSLEY

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## JANUARY 2009

| Report No: GLH/01r1 | Name | Signature | Date |
|---|---|---|---|
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## 1.0 EXECUTIVE SUMMARY

1.1 The pertinent abridged conclusions of the report are tabulated below:-

| | |
|---|---|
| Proposed Development | Large school with parking, playing fields and landscaping. |
| Site Description | Northwestern third currently a petrol station and former textile works. Remainder is playing fields, with Holgate school to the east. |
| Site History | A clay pit was once present on the northwestern third of the site, later a refuse tip, before current uses. No evidence of prior use of the rest of the site, but some filling apparent. |
| Geology | Majority of the site underlain by unnamed sandstone of the Middle Coal Measures. Barnsley Coal outcrop runs north-northwest to south-southeast through the western half of the site, with bands of undifferentiated strata and sandstone beyond. |
| Coal Mining | Possible shallow workings in area of proposed building need to be assessed by intrusive investigation using a rotary drilling rig, supplemented by further records from Coal Authority. |
| Groundwater | Site underlain by Minor Aquifer. 5No. abstractions within 1km, nearest of which (26m to the east) is for bottled drinking water. |
| Surface Water & Flooding | Nearest watercourses are drains close to south. No active abstractions within 1km. Not at risk of river flooding. |
| Radon | Considered prudent to install Basic Radon Protection measures. |
| Landfill/Mine Gas | 4No. landfill records on-site and a further 8No. within 250m. Gas wells will need to be installed and monitored. |
| Ground Conditions | Sandstones, mudstones and siltstones, probably with the upper few metres weathered to granular and cohesive subsoils. Possibly deep fill in area of clay pit, coal seam outcrop and filled areas of playing fields. |
| Contamination | Likely on northwestern third of site. Possible on rest of site. Ground investigation is required. |
| Foundations | Likely to be piles, subject to investigation. Possible coal mining may need to be stabilised. |

## 2.0 TERMS OF REFERENCE

2.1 Barnsley Metropolitan Borough Council are proposing to replace the current school buildings at both the Kingstone and Holgate schools with a single up-to-date building. The existing Holgate High School will be demolished, and the site retained for playing fields. A large area adjacent to the northwest will be acquired for the new school building and car park. The existing Kingstone School site does not form part of the future proposal. It was considered appropriate to implement a desk study to provide information to aid viability assessment and design of the proposed development.

2.2 ARP Geotechnical Ltd were appointed by G L Hearn Limited 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. In addition, the proposal includes redevelopment of a currently operational petrol station to the northwest, and information was sought from South Yorkshire Fire and Rescue regarding tanks and apparatus.

2.3 This report is intended to cover a wide scope of geotechnical issues, and a Tier 1 risk appraisal of potential contaminant source - pathway - receptor linkages.

2.4 The report does not include any intrusive assessment.

2.5 The study was carried out in December 2008 and January 2009.

2.6 The report has been prepared for the sole use and reliance of the Appointee. The report shall not be relied upon or transferred to any other parties without the written agreement of ARP Geotechnical Ltd. No responsibility will be accepted where this report is used, either in its entirety or in part, by any other party.

## 3.0 THE SITE

Site Location

3.1 The site, which is centred on Ordnance Survey Grid Reference 433200, 406070, is currently accessed off Shaw Lane in Barnsley, and is an irregularly shaped piece of land extending to an area of approximately 16.5Ha. The site is in the western suburbs of Barnsley, south of the A628 (Dodworth Road) connection to the M1 Motorway.

3.2 A site location plan is presented in Appendix A.

3.3 The site comprises the existing Holgate school building and playing fields, and the former SR Gent factories and existing petrol station to the northwest. The site can be clearly formed into three distinct areas involving the existing school at the eastern boundary, the main playing fields in the central part of the site and the former SR Gent factories and petrol station in the northwestern third.

Central Playing Fields

3.4 The central part of the site has a general fall from west to east, with distinct terracing, several metres in height, to form level playing surfaces throughout the site. The area is also raised above the western boundary and has probably been raised using fill material. All the area has a grassed finish and there is no other vegetation in the main part of the site.

3.5 All the boundaries to the site are formed by a steel security fence with some mature and semi-mature bushes and trees particularly to the west. There is a warehouse to the southwest, a sports ground to the south, new housing to the southwest, and existing housing and allotment gardens to the north. The former SR Gent factory site is adjacent to the northwestern boundary, although there is an area of unallocated rough grassland with a public footpath in-between. The eastern boundary is open and formed by the school buildings and artificial playing surfaces.

Holgate School

3.6 The most westerly part of this site is formed by artificial playing surfaces for athletics, tennis and football inside purpose built metal fencing cages. The remaining area of this part of the site comprise the school buildings to the east, and hardstanding yard areas which are set much lower than the playing surface area, but which also slope from west to east. The only indication of vegetation on the site is on the slope between the playing surfaces and the school, where there are several mature trees on the banking.

3.7 The boundaries to the school are again formed generally by steel security fencing but with brick walls to the eastern and part of the southern boundaries. There is very little evidence of vegetation outside the boundaries. The southern boundary is adjacent to a sports club, whilst the northern boundary has allotment gardens. Shaw Lane abuts the far eastern boundary, whilst the playing fields form the open western boundary. It should be noted that Shaw Lane is below the level of the main school building.

Former SR Gent and Petrol Station Sites

3.8 The factories and former buildings forming the SR Gent site have now been demolished, but all the concrete hardstandings and hard-paved areas remain on the site. The Shell Petrol Station, fronting onto the Dodworth Road to the north, is still in operation.

3.9 The site is flat, but is set lower than the surrounding boundaries on all sides. There is no vegetation on the site, apart from a mound in the southwestern corner with some small shrubs and bushes. The garage on the northern boundary is higher than the SR Gent site and flush with levels on Dodworth Road.

3.10 The site is formed within a former quarry and there are vertical stone faces to the northeastern and southern boundaries, although the quarry does extend beyond the site boundary to the east. There is also a slight rise in level on the western boundary, although this is not as pronounced as the other boundaries. There is a post and chain-link

fence around much of the site, particularly on the western and southern boundaries, whilst there is a steel security fence on the eastern boundary. There is residential development to the east and west, the playing fields to Holgate School to the south and southeast, and Dodworth Road forms the northern boundary to the petrol station, with a recreation ground and residential development beyond.

Site History

3.11 The Landmark Environmental Search included an assessment of archive maps as discussed below. Copies of the maps are included in Appendix B.

3.12 The first available map, the first edition dated 1855, shows the site to be located on undeveloped land, presumably in agricultural use. The presently existing Dodworth Road is shown, and a small sandstone quarry is indicated in the northwest of the site, close to the road. A north-northwest to south-southeast trending footpath is indicated close to the west of the site, crossing through part of the centre, west of the site. A well and a spring are possibly indicated close to Shaw Lane, although this is indistinct.

3.13 The next available map, dated 1893, shows a brick works, clay pits (and old clay pits) and old shafts across the road to the northwest. Approximately 450m to the north, the Slackhills Colliery, with associated shafts, is indicated. An old quarry is present 260m to the south of the site. A stream is shown to cross the northwestern corner of the site, passing beneath Dodworth Road to the north.

3.14 No significant changes are apparent to the site or surrounding area until the map dated 1906, which shows the northwestern corner of the site is now part of the clay pits to the north. Dodworth Road is still present, and the site is linked to the brick works to the north by a tramway which appears to pass under Dodworth Road in a tunnel.

3.15 No changes are apparent until the map dated 1931, which shows the clay pit in the northwestern corner of the site has been greatly extended southwards. The tramway has been relocated, and now crosses Dodworth Road further west, in the area of the stream

(the position of which is now no longer apparent), still possibly within a tunnel. Old shafts and disturbed ground are now apparent close to the mid north of the site, with the shafts approximately 50m from the site boundary. Holgate School has now been constructed on the east of the site.

3.16 The map dated 1956 shows the clay pit on the northwest of the site has been extended further towards the southeast. The tramway is no longer shown. By 1960, the clay pit is shown to be disused, and part of the pit is occupied by a pond. The school is now named 'Holgate Grammar School' and the playing fields to the west of the school building appear to have been formed into a series of terraces, possibly indicating the presence of fill material.

3.17 The map dated 1969 shows a petrol filling station in the northwest of the site, fronting onto Dodworth Road. Behind the filling station, a relatively small area of filling of the clay pit on the site has commenced, as a 'Refuse Tip' is indicated.

3.18 A small section of map dated 1975, covering part of the northwest of the site, shows a clothing factory to be present within the area of the disused clay pit. The sides of the clay pit are still shown, possibly indicating that there has been minimal infilling of the pit before the construction of the factory. Later plans, dated 1978 and 1982, show almost all the former clay pit (including the former refuse tip) to be occupied by factory buildings and associated hardstanding, with the old walls of the clay pit still indicated. Tanks are shown in the southern area of the factory site.

3.19 No significant changes are apparent to the site or surrounding area until the map, dated 1988, which shows the factory site in the northwest to have a small pond and an electricity sub station. No further changes are indicated, and there are no significant changes on later plans.

3.20 In summary, the northwestern third of the site was once a clay pit, becoming disused by 1960. Partial filling of the pit with refuse was evident until 1975, when the present day clothing factory buildings were constructed (although the sides of the clay pit were still

shown). Tanks, ponds, and an electricity sub station have been/are still present on the factory site. A petrol station was constructed adjacent to Dodworth Road by 1969, and is still present. The eastern area of the site has been occupied by a school since at least 1931 to present day, and the central section of the site has remained playing fields, although there is evidence of terracing and possible placement of fill material.

3.21 Therefore, there is indication of potentially contaminating use of the site. There will also be the legacy of buried structures, foundations, services, and possibly basements, from the existing and previous development. These issues are considered in more detail later in this report.

## 4.0 ENVIRONMENTAL SETTING

Geology

4.1 The site is located on the Geological Map of Great Britain 1:50,000 Series Sheet 87, Barnsley. The Solid and Drift Edition shows the majority of the site to be underlain by an unnamed sandstone of the Middle Coal Measures of the Upper Carboniferous Period. However, there is a coal seam (the Barnsley Coal) running north-northwest to south-southeast through the western half of the site. To the west of the seam, undifferentiated strata are shown in a narrow band (approximately 50m wide), with another narrow band of sandstone, then undifferentiated strata beyond.

4.2 A fault is indicated close to, but outside, the northern boundary of the site. The fault trends southeast-northwest, with the downthrow to the northeast, and should not affect the site.

Coal Mining

4.3 A coal mining report was obtained as part of the Landmark Envirocheck Report. A copy of the report is included in Appendix C. A summary is given below.

4.4 The site is within the likely zone of influence of past underground coal workings in 9No. seams of coal at shallow to 330m depth and last worked in 1972.

4.5 The site is unaffected by any present or future proposed underground mining. The Authority refer to reserves of coal in the locality, which could be worked at some time in the future. However, given the effective abandonment of the coalfield in this area, any future workings are unlikely.

4.6 There are 2No. recorded mine entries on the site, towards the mid west of the site, a little way east of the outcrop of the Barnsley Coal. Another mine entry is indicated on or just outside the middle of the northern boundary. There is no record of how the mine entries

have been treated or capped. There is also a theoretical risk of other unrecorded mine entries on the site.

4.7 There are no records of past opencast coal mining on or adjacent to the site, and there are no current or future planned extractions by opencast techniques within the general area.

4.8 Two damage notices or claims for alleged subsidence damage were given, made or pursued, in June 1987 and April 1993. The claims were discharged by repairs.

4.9 In view of the above, there are both recorded and unrecorded shallow coal workings affecting the site, and this will need to be assessed further. A request should be made to the Coal Authority for a copy of all records relating to workings within 40m of the surface of the site. In addition, an intrusive investigation using a rotary drilling rig will need to be carried out.

Hydrogeology

4.10 The 1:100,000 scale Environment Agency Groundwater Vulnerability Map, obtained as part of the Landmark Envirocheck Report, shows the strata beneath the site are classed as a Minor Aquifer. Minor Aquifers seldom produce large quantities of water for abstraction, but are important both for local supplies and in supplying base flow to rivers. The hydraulic gradient is likely to be to the east.

4.11 The soils overlying the site are automatically classed as High Leaching Potential, due to the urban nature of the area. However, actual Leaching Potential will be dependent on the specific ground conditions found on the site.

Hydrology

4.12 There is one water feature on the site, (a small pond on the existing factory site in the northwest). The site and surrounding area slope to the east. The nearest watercourses

are a drain associated with the railway to the north at 230m distant, and drains on sports/recreation land close to the southeast.

Environmental Search Report

4.13 An Environmental Search Report was obtained from the Landmark Information Group, containing information on numerous environmental aspects. A copy of the report is included in Appendix D and a summary of the pertinent findings, with additional comments, is given below.

4.13.1 There are no surface water abstractions within 1km of the site.

4.13.2 There are 5No. groundwater abstractions within 1km of the site. The nearest is for bottled drinking water at approximately 26m to the east of the site boundary, and the furthest is for glasshouse irrigation at approximately 681m to the southeast. All are down hydraulic gradient of the site. It should be noted that the nearest abstractions are approximately 700m from the eastern edge of the former clay pits/factory/petrol station area in the northwest of the site.

4.13.3 The site is not in an area at risk from river flooding.

4.13.4 There are 4No. records of closed landfills on the site and 8No. records of closed or currently licenced landfills within 250m of the site. The on-site landfills are all located on the northwestern third of the site and are either recorded as a disused quarry or the information has not been supplied. The nearest landfill within 250m outside the site boundary is approximately 14m to the northwest. The status and type of waste is unknown. The second is located approximately 96m to the northwest and was used for inert and commercial waste. The third is at approximately 173m to the north, and the status and type of waste are unknown. The fourth is approximately 184m to the north, and the status and type of waste is unknown. The fifth is at approximately 188m to the north, and the status and type of waste is unknown. The sixth is at

approximately 194m to the north and is closed. Again, the type of waste is unknown. The seventh and eighth are at approximately 242m to the north and 250m to the northeast.

4.13.5 The site is within a 'radon affected area' according to the BGS. However, there is no requirement for radon protective measures for new buildings constructed on the site.

4.13.6 There are 2No. Local Authority Pollution Prevention and Controls within 250m of the site. The first, 84m to the east, has been revoked, but related to seals, packaging and gaskets at Barnsley Council Environmental Health premises. The second relates to vehicle respraying at Polar Motor Company, 177m to the northeast.

4.13.7 There are no discharge consents within 250m of the site.

4.13.8 There are no integrated pollution prevention and controls within 250m of the site.

4.13.9 There is one pollution incident to controlled waters within 250m of the site. The incident ocurred on site and is recorded as the spillage of gas oil by a textile industry. The incident was minor, with no pollution found and no fish killed.

4.13.10 There are 24No. contemporary trade directory entries within 250m of the site. Two are located on site and relate to the Shell petrol filling station which is active, and S R Gent (International) Ltd clothing and fabric manufacturer, which is inactive.

4.13.11 There are 2No. fuel station entries within 250m of the site. The nearest is on site and the licence is held by Shell Barnsley and is active.

Petroleum Licensing Response

4.14 A request was made to South Yorkshire Fire and Rescue for information on the number and status of fuel tanks and associated apparatus on the Shell petrol station site. The response is included in Appendix E, and indicates that there are 5No. tanks on the site, all of which are still in service. A plan is included, showing the approximate locations.

## 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) significant 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 a large secondary school, with associated landscaped areas, car parking, and playing fields. The archive maps show the northwestern third of the site was once a clay pit, and partial filling of the pit with refuse was evident until the present day clothing factory buildings were constructed. Tanks, ponds, and an electricity sub station have been/are still present on the factory site. A petrol station was constructed adjacent to Dodworth Road by 1969, and is still present. The eastern area of the site has been occupied by a school since at least 1931 to present day, and the central section of the site has remained playing fields, although there is evidence this area has been filled with significant quantities of made ground. It is, therefore, concluded that the northwest of the site is the location of likely potential significant contamination sources, whilst the rest of the site may contain a lesser degree

of contamination, subject to confirmation by a ground investigation. The site is shown to be underlain by two categories of bedrock; undifferentiated (usually mudstone and siltstone), possibly with the upper few metres weathered to a stony clay, and sandstones, possibly with the upper few metres weathered to a granular subsoil. The Barnsley Coal seam also crosses the site, and has been worked (two shafts are present on the site). There is a minor pollution incident of gas oil spillage/leakage from the textile factory in the northwest of the site. The site is underlain by a Minor Aquifer, and the soils are likely to be of high leaching potential. There are 5 groundwater abstractions within 1km of the site, the nearest for bottled drinking water at approximately 26m to the east of the site boundary. All are down hydraulic gradient of the site, but it should be noted that the nearest is approximately 700m from the eastern edge of the former clay pits/factory/petrol station area in the northwest of the site. The nearest watercourses are a drain associated with the railway to the north at 230m distant, and drains on sports/recreation land close to the southeast. The development proposal is indicated on the plan in Appendix F.

5.8 The conceptual model needs to consider sources of contamination, pathways along which contaminants could migrate and the receptors, which may become exposed.

5.8.1 **Sources** - The following potential sources of contamination have been identified, and EA document CLR8 "Potential Contaminants for the Assessment of Land" has been consulted.

5.8.1.1 Petrol station in the northwest, and recorded minor pollution incident leakage of gas oil on the nearby textile factory site – TPH, BTEX, MTBE.

5.8.1.2 Landfill on the site (refuse infill to clay pit in the northwest) and probable made ground on the rest of the site – metals, inorganics, TPH, PAH, BTEX, phenols, asbestos, landfill gases.

5.8.1.3 Textile factory site in the northwest (with an electricity sub station) – PCBs, acetone, dieldrin, metals, inorganics, TPH, PAH, BTEX, phenols, asbestos.

5.8.1.4 There are several landfills recorded within 250m of the site, mainly to the north, and a coal seam running through the site – landfill and mine gases.

5.8.2 **Pathways** – Utilising the guidance published by the Environment Agency – CLR10, 'The Contaminated Land Exposure Assessment Model (CLEA): Technical basis and algorithms', the following pathways have been identified in relation to the current and future site use.

5.8.2.1 Surface water run-off and floodwater. (The site is not at risk of river flooding. The nearest watercourses are drains close to the south of the site. The surface water run-off pathway is considered viable).

5.8.2.2 Migration of groundwater off-site. (The site is underlain by a minor aquifer and there are 5 active groundwater abstractions within 1km of the site, the nearest for drinking water 26m to the east. This pathway is considered viable).

5.8.2.3 Outdoor dermal contact and ingestion of soil. (These pathways are considered viable, particularly associated with use of the playing fields for sport).

5.8.2.4 Indoor dermal contact and ingestion of dust. (This pathway is considered viable, for example by bringing mud indoors on shoes).

5.8.2.5 Consumption of homegrown vegetables and any attached soil. (This pathway is not considered applicable).

5.8.2.6 Outdoor inhalation of fugitive dust. (This pathway is considered viable).

5.8.2.7 Outdoor inhalation of soil vapour. (This pathway is considered viable).

5.8.2.8 Indoor inhalation of soil vapour. (This pathway is considered viable).

5.8.2.9 Leaching of contamination from soils and migration to groundwater. (The site is underlain by a minor aquifer and there are 5 active groundwater abstractions within 1km of the site, the nearest for drinking water 26m to the east. This pathway is considered viable).

5.8.3 **Receptors** - Utilising the guidance published by the Environment Agency – CLR10, 'The Contaminated Land Exposure Assessment Model (CLEA): Technical basis and algorithms', the following receptors have been identified in relation to the current and future site use.

5.8.3.1 Groundwater. (The site is underlain by a minor aquifer and there are 5 active groundwater abstractions within 1km of the site, the nearest for drinking water is 26m to the east).

5.8.3.2 Surface water. (The nearest watercourses are drains close to the south of the site, but there are no active surface water abstractions within 1km).

5.8.3.3 Construction workers, site personnel and maintenance operatives.

5.8.3.4 Adjacent residents and the general public.

5.8.3.5 Subsequent users of the site, which will be a large secondary school.

5.8.3.6 Vegetation (landscaping and sports turf).

5.8.3.7 Foundations, below ground concrete and mortar, and services.

5.9 The above assessment indicates there are multiple potential source – pathway – receptor linkages which need to be assessed.

Future Investigation - Contamination

5.10 The area in the northwest of the site (the area of the proposed new school building) has been highlighted to contain the most likely significant contamination sources, but the sources have not been confirmed, and it is recommended that, once demolition of the petrol station and textile factory buildings are completed, a ground investigation using trial pits should be implemented, together with sampling and testing of the materials encountered for the potential contaminants of concern. For the remainder of the site, which will remain in use as a school and playing fields, made ground is probably present, but significant contamination is considered less likely and a lower density of investigation points should be satisfactory. A window sample investigation could be used to minimise damage to the existing surfaces. The objectives identified for the investigation, with regard to contamination, are listed below.

5.10.1 A general grid of trial pits should be excavated on the area of the former clay pit in the northwestern third of the site, to assess general levels of contamination.

5.10.2 A general low density grid of window sample holes should be implemented on the rest of the site, to assess general levels of fill and contamination. Gas and groundwater monitoring wells should be installed, and appropriate monitoring and testing carried out.

5.10.3 Targeted window sample holes should be excavated beneath/adjacent to locations of the existing pond, former ponds, electricity sub station and former tank locations (both on the petrol station and textile works site), to determine the nature and extent of the potential contamination sources identified in the desk

study. Gas and groundwater monitoring wells should be installed, and appropriate monitoring and testing carried out.

5.11 The above investigation should be implemented in accordance with BS 10175 'Investigation of potentially contaminated sites'. The investigation 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 the made ground and groundwater should be issued for testing to a UKAS accredited laboratory. For the general grid, a broad suite of determinands including metals, inorganics speciated PAH, BTEX and TPH should apply. CLR8 "Potential contaminants for the assessment of land" indicated that acetone, dieldrin, and PCBs should also be tested for on the textile factory site, and MTBE should be an additional requirement on the petrol station site. Speciated assessment of TPH will be required for any elevated levels.

5.13 Leachability of determinands should be undertaken where contamination levels are above the designated screening values.

5.14 Gas monitoring wells should be installed and monitored once per fortnight, on six occasions, to determine the presence of any harmful gases. Groundwater should be sampled and tested on one occasion, at locations where contamination is suspected. If groundwater contamination is detected, further testing, probably including samples from more of the wells installed, would be necessary.

Future Investigation - Geotechnical

5.15 The outcrop of the Barnsley Coal appears to run through the position of the proposed new building, and any workings may have adverse impact for foundation design (and mine gases will need to be considered). This will need to be assessed by obtaining detailed records from the Coal Authority of the workings within 40m of the surface, and investigating the area using a rotary drilling rig. In addition, an area in the northwestern

third of the site is a former clay pit, possibly with refuse infill, and the proposed new school building straddles the edge of the pit. It is hoped that the window sampling/trial pit investigation (supplemented by dynamic probing), plus the rotary drilling, will provide sufficient information for engineering design, but if this is not the case, cable percussion holes may be required. The approximate locations of the coal seam and the former clay pit are shown on the plan in Appendix F.

Potential Strategies for Dealing With Contamination

5.16 This is highly dependent on the findings of the future intrusive investigations. However, methods of blocking pathways are possible. Removal of the source from site (e.g. to landfill) is usually now the least desirable option given recent changes in the UK landfill regime.

5.17 Pathways to human receptors may be broken by provision of an uncontaminated soil cover blanket or hard layer. However, ingestion of contaminated water supply and vapour inhalation may still apply. The former may be blocked by the use of supply pipes with chemical protection, or isolation away from contaminated areas. The latter can be blocked by the use of low permeability soils, and/or provision of under floor venting, possibly with appropriate vapour membrane.

5.18 Pathways to controlled waters may be broken by:-

5.18.1 Prevention of surface water run-off by provision of cut-off bunds or trenches.

5.18.2 Prevention of lateral solution migration by minimising downward ingress of rainwater into the contaminated soil (using impermeable cover blankets ).

5.18.3 Removal of any hydrocarbon impacted soils, if deemed to be an ongoing source, and in situ remediation (via boreholes) of hydrocarbon impacted groundwater.

5.18.4 The risk of diffusion of hydrocarbons into public water supply can be blocked by the use of supply pipes equipped with chemical protection, or isolation away from contaminated areas.

5.19 Pathways to vegetation receptors can be blocked by providing sufficient thickness of uncontaminated material, in the root zone, to minimise root uptake. For minor planting areas, planting troughs with bases impervious to roots are an option.

5.20 If landfill gas or vapours are present, these can be blocked by the use of low permeability soils and/or the provision of a gas membrane and subfloor voids vented to air by an appropriate venting system.

5.21 Pathways to construction materials are most effectively dealt with by changing the specification of construction materials, if appropriate. For instance, the provision of sulphate and acid resistant cementitious material will protect against the presence of sulphate in the ground.

## 6.0 COMMENT AND CONCLUSION

6.1 Plans indicate the northwestern third of the site is currently occupied by a petrol station and a textile factory comprising two large buildings. The rest of the site comprises school grounds and playing fields, with a school building present at the eastern edge of the site, fronting Shaw Lane.

6.2 The site is surrounded by a combination of residential property and open spaces, including a cricket club.

6.3 The Ordnance Survey archive maps show that the northwestern third of the site was once a clay pit, becoming disused by 1960. The indicative approximate extent of the clay pit is shown on the plan in Appendix F. Partial filling of the pit with refuse was evident until 1975, when the present day clothing factory buildings were constructed on the former clay pit (although the sides of the clay pit were still shown). Tanks, ponds, and an electricity sub station have been/are still present on the factory site. A petrol station was constructed adjacent to Dodworth Road by 1969, and is still present. The eastern area of the site has been occupied by a school since at least 1931 to present day, and the central section of the site has remained playing fields, although there is evidence of terracing and filling on this area.

6.4 The geological map shows the majority of the site to be underlain by an unnamed sandstone of the Middle Coal Measures of the Upper Carboniferous Period. However, there is a coal seam outcrop (the Barnsley Coal) running north-northwest to south-southeast through the western half of the site. The indicative approximate location of the seam outcrop is shown on the plan in Appendix F. To the west of the seam, undifferentiated strata are shown in a narrow band (approximately 50m wide), with another narrow band of sandstone, then undifferentiated strata beyond.

6.5 The coal mining report indicates that the site is within the likely zone of influence of coal workings in 9 seams of coal at shallow (less than 30m) to 330m depth, last worked in 1972. It is recommended that the full records available for workings within 40m of the

surface are obtained from the Authority, and an intrusive investigation using a rotary drilling rig will be required to determine the nature/depth/locations of the shallow workings. In addition, there are 2No. recorded mine entries towards the mid west of the site, a little way east of the outcrop of the Barnsley Coal. Another mine entry is indicated on or just outside the middle of the northern boundary. There is no record of how the entries have been treated or capped. There is also a theoretical risk of other unrecorded mine entries on the site. The mine entries are within an area of existing open playing field, and should not affect the proposed building. If the proposed development involves significant disturbance to the area of the shafts, it would be prudent to locate and examine the openings, to determine if reinforced concrete caps are required.

6.6 The 1:100,000 scale Environment Agency Groundwater Vulnerability Map, obtained as part of the Landmark Envirocheck Report, shows the strata beneath the site are classed as a Minor Aquifer. There are 5No. active abstractions within 1km of the site, the nearest of which (26m to the east) is for bottled drinking water.

6.7 The nearest watercourses are drains close to the south of the site. However, there are no active surface water abstractions within 1km.

6.8 The site is within a 'Radon Affected Area', but there is no requirement for radon protection of new buildings. However, in these circumstances, it is prudent to adopt a precautionary approach and install Basic Radon Protection in the proposed building. This is usually achived by incorporating an appropriate barrier within a solid floor system, passing through any cavity wall.

6.9 There are 12No. landfill records within 250m of the site, 4No. of which are located on the northwestern third of the site (former clay pit). Gas monitoring wells should be installed and monitored as part of an intrusive investigation. The coal seam and any mine workings are also a source of gases.

6.10 The site is not at risk from river flooding.

Likely Ground Conditions

6.11 The solid strata beneath the site comprise a series of the Middle Coal Measures sandstones, mudstones and siltstones. The upper few metres of the rocks are likely to have been weathered to subsoils, and these will probably be cohesive over the finer grained rock types (mudstones and siltstones), and granular over the coarser grained rocks (sandstones). In the northwestern third of the site, in the location of the former clay pit, and the filled area on the playing fields, there may be deep fill materials, including refuse. Deep fill may also be present in the area of the coal seam outcrop, from possible old open cut workings.

Contamination Assessment

6.12 The desk study has identified potential sources of contamination in the northwestern third of the site, including a petrol station, textile works (with a recorded minor pollution incident of gas oil release), clay pits, ponds, electricity sub station, and landfills (including refuse deposition). To a lesser degree, contamination may also be present within fill material on the playing fields area.

6.13 It is recommended that, once demolition of the petrol station and textile factory buildings are completed, a ground investigation should be implemented. This should comprise:

6.13.1 A general grid of trial pits on the area of the former clay pit in the northwest, to assess general levels of contamination.

6.13.2 A general low density grid of window sample holes on the rest of the site, to assess general levels of contamination. Gas and groundwater monitoring wells should be installed, and appropriate monitoring and testing carried out.

6.13.3 Targeted window sample holes beneath/adjacent to locations of the existing pond, former ponds, electricity sub station and former tank locations (both on the petrol station and textile works site), to determine the nature and extent of

the potential contamination sources identified. Gas and groundwater monitoring wells should be installed, and appropriate monitoring and testing carried out.

6.13.4 Samples of the made ground and groundwater should be issued for testing to a UKAS accredited laboratory. For the general grid, a broad suite of determinands including metals, inorganics speciated PAH, BTEX and TPH should apply. CLR8 "Potential contaminants for the assessment of land" indicated that acetone, dieldrin, and PCBs should also be tested for on the textile factory site, and MTBE should be an additional requirement on the petrol station site. Speciated assessment of TPH will be required for any elevated levels, and leachability where contamination levels are above the designated screening values.

6.13.5 Gas monitoring wells should be installed and monitored once per fortnight, on six occasions, to determine the presence of any harmful gases. Groundwater should be sampled and tested on one occasion, at locations where contamination is suspected. If groundwater contamination is detected, further testing, probably including samples from more of the wells installed, would be necessary.

6.13.6 It will also be necessary to carry out an asbestos survey of the existing buildings prior to demolition and also to test soil samples for asbestos fibres, to ensure that these are not buried within the site.

6.14 Potential strategies for blocking the source - pathway - receptor linkages on the site are discussed in Section 5.0. Dependent on the findings of a ground investigation, the Remediation Strategy may include removal of any hot spots, provision of an uncontaminated cover blanket to any contamination in soft landscaped areas and placement of contamination below any hard surfaces. Depending on concentrations, chemical protection of buried water supplies and the installation of a gas or vapour membrane may also be required.

Foundations

6.15 The location of the proposed building is within an area which may require abnormal foundations, as the building is indicated to straddle the edge of the former clay pit and the outcrop of a coal seam. Piled foundations are likely to be required over the former clay pit area, to transmit the loads to natural strata (unless filling of the clay pit has been minimal). Over the coal seam outcrop, and to the east of the outcrop, there may also be deep fill material, where the coal could possibly have been removed by open cut techniques, but there could also be voids/broken ground below the rock head level, from underground mining. Depending on the depth of the workings, it may be possible to transfer foundation loads to a level beneath the workings using prebored piles. However, if workings are too deep for economic preboring, drilling and grouting would be required.

6.16 The above comments are highly dependent on the findings of the future intrusive investigation. This will need to include boreholes using a rotary drilling rig, supplemented by further detailed records from the Coal Authority of the workings within 40m of the surface, and by information from the trial pits and window sample holes proposed for the contamination investigation. It is possible that cable percussion holes may also be required, depending on the findings.

6.17 Subject to the findings of the intrusive investigation, the proposed building might avoid coal mining instability problems by location further west than proposed, west of the outcrop of the Barnsley Coal. The approximate line of the outcrop, and of the former clay pit, is shown on the plan in Appendix F, but it should be noted that these are only indicative.

Excavations

6.18 It is likely that excavations into the natural strata will remain stable in the short term, requiring minimum statutory support. However, instability can be anticipated within any made ground present on the site, particularly on the northwestern third of the site.

6.19 The groundwater regime can only be confirmed by an intrusive investigation. However, a possible spring and well were once indicated on archive maps, at the eastern edge of the site, and therefore it is considered possible that shallow groundwater may be present in this area.

6.20 Excavations into the natural subsoils will probably be readily achieved using conventional hydraulic plant. However, a breaker may be required for any buried foundations, structures or obstructions in the made ground, and for any rock which may be present at shallow depth.

Road Pavement Construction

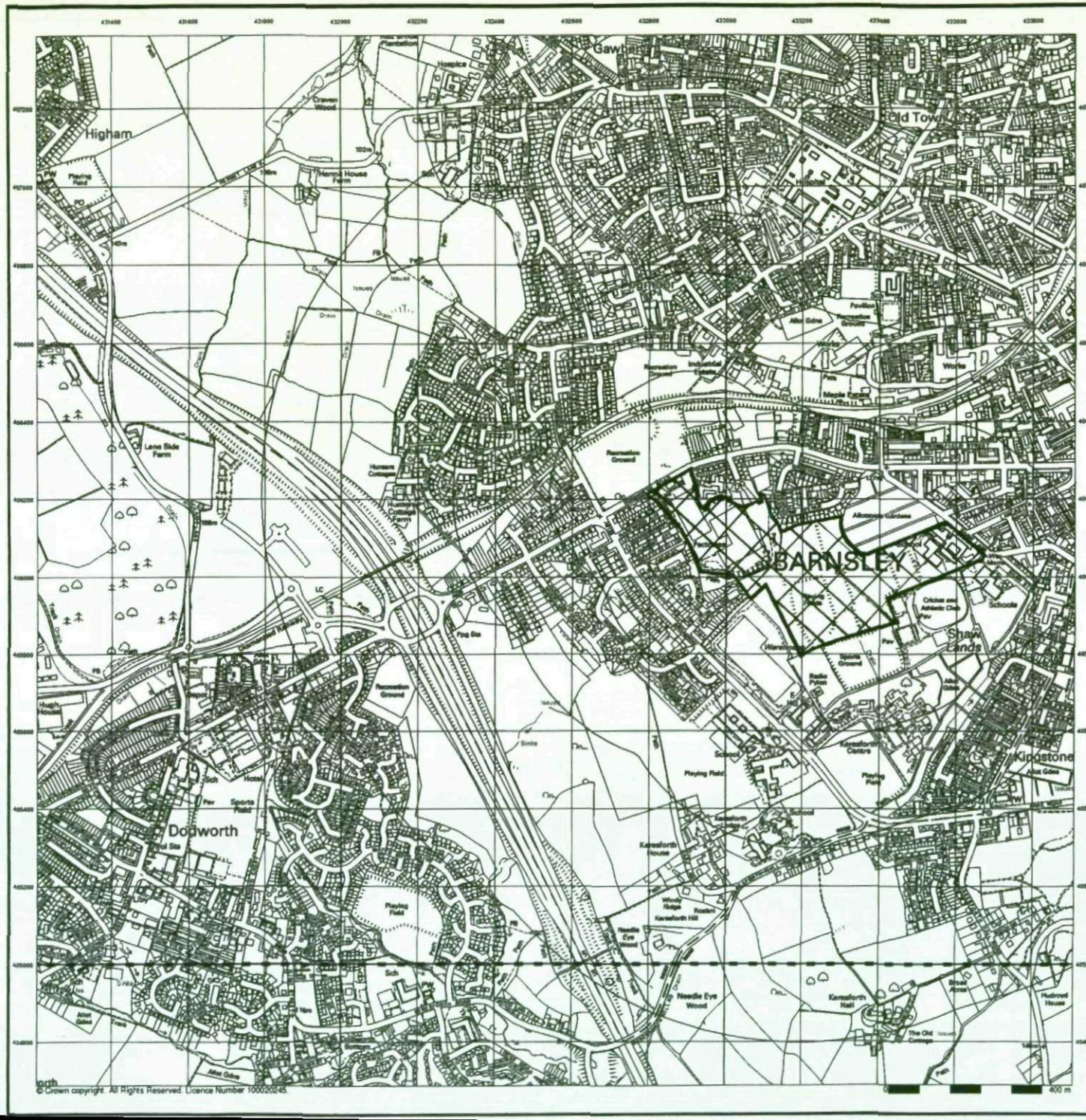
6.21 For any areas of road pavement, including car parking areas, the design California Bearing Ratio will depend upon the exact nature of the formation. On natural subsoils, it is anticipated a design CBR of at least 2% will be applicable. In areas of significant made ground, it may be possible to remove a nominal thickness of material to an agreed level, proof roll, and place to a controlled specification. Geogrid may be used to reduce the required thickness of sub base.

Soakaway Drainage

6.22 It is possible that soakaway drainage could be used for disposal of surface water on the site, subject to ground conditions and in situ percolation testing. However, soakaways would not be permitted on areas of the site impacted by shallow coal mining.

# APPENDIX A

## SITE LOCATION PLAN




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## 10k Raster Mapping
## Published 2008
## Source map scale - 1:10,000

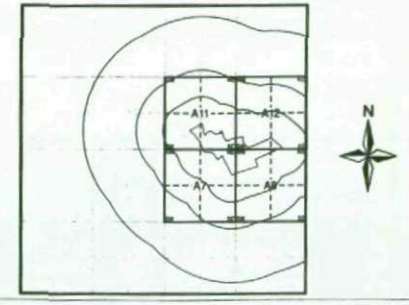
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks 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)

SE30NW 2008

SE30SW 2008

### Historical Map - Slice A




### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

LANDMARK Information Group
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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

# APPENDIX B

## ORDNANCE SURVEY ARCHIVE MAPS



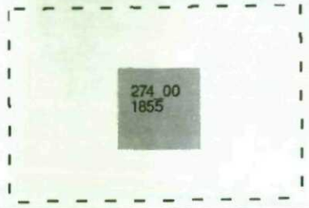

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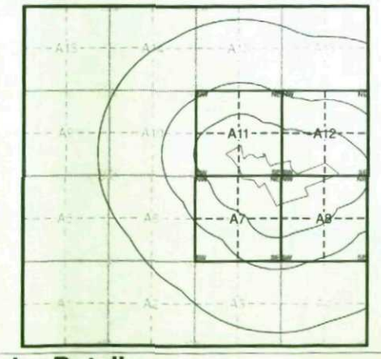
## Yorkshire
## Published 1855
## Source map scale - 1:10,560

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)




### Historical Map - Slice A




### Order Details

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| Customer Ref: | GLH/01 |
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| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

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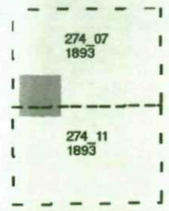



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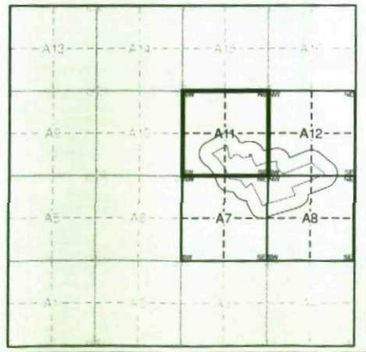
## Yorkshire
## Published 1893
## Source map scale - 1:2,500

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

### Map Name(s) and Date(s)




### Historical Map - Segment A11

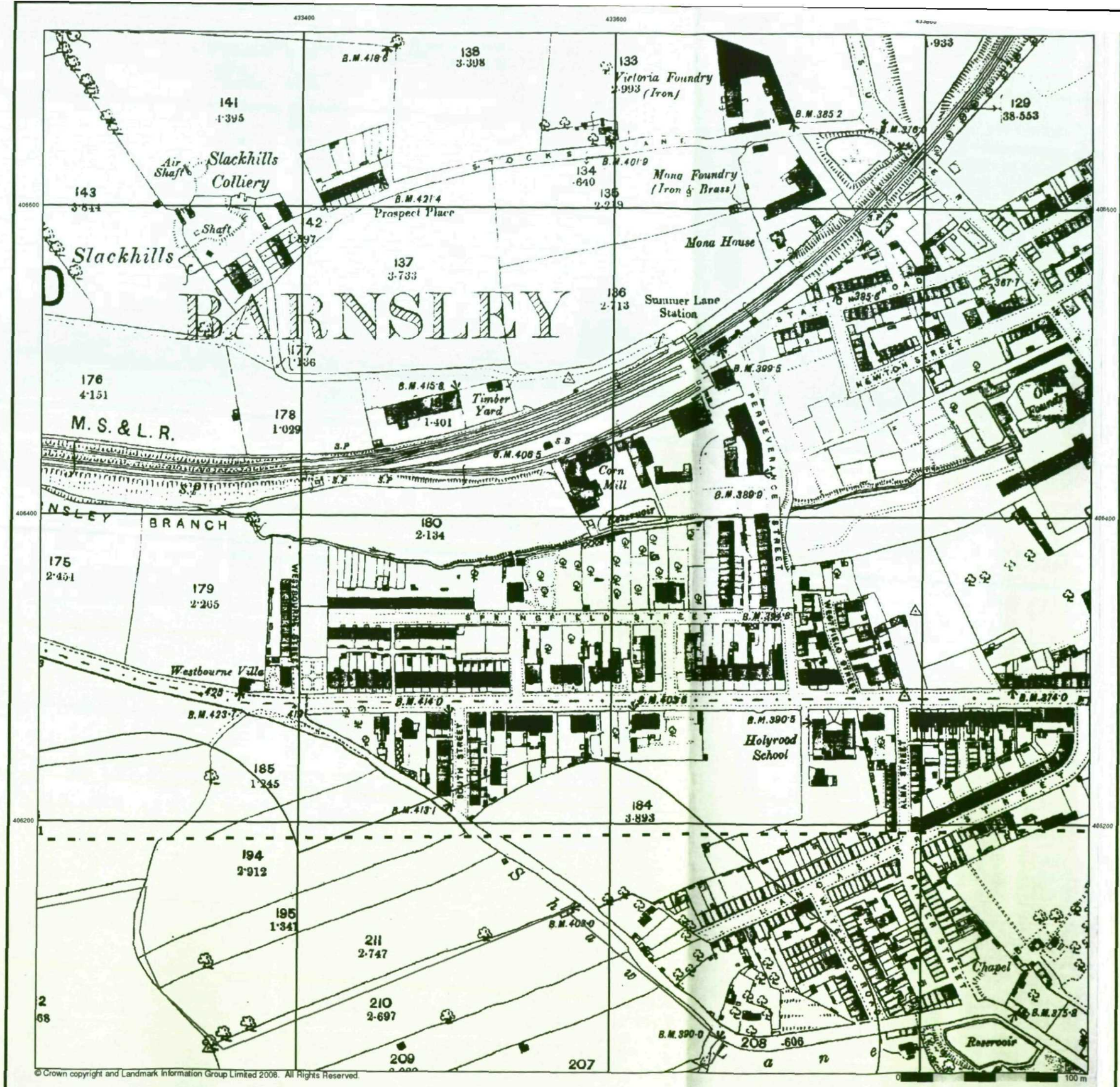



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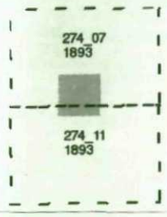

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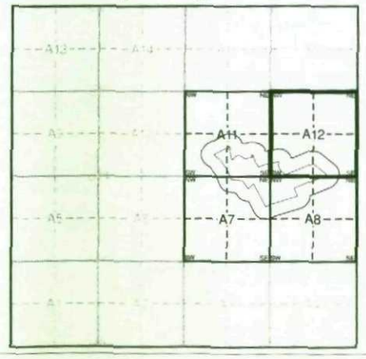
## Yorkshire
## Published 1893
## Source map scale - 1:2,500

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)




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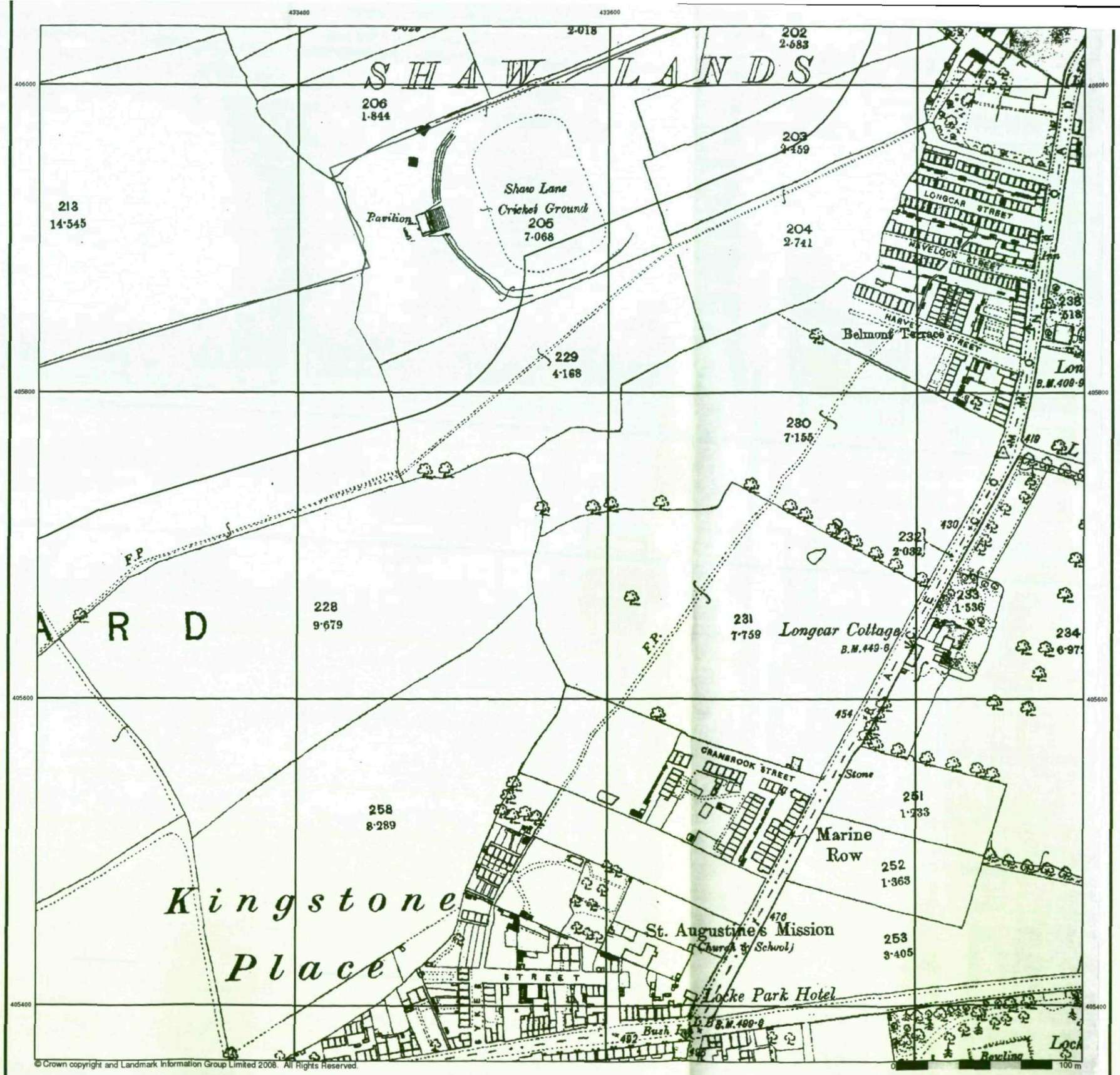

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| Search Buffer (m): | 100 |

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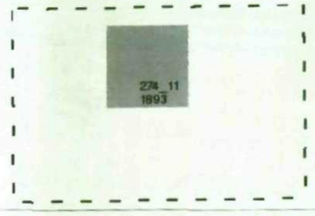

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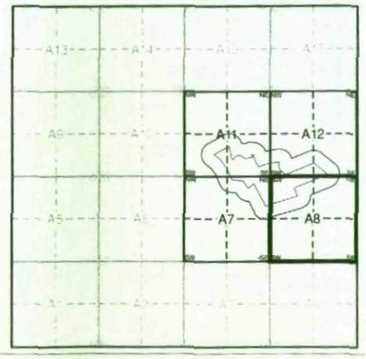
## Yorkshire
## Published 1893
## Source map scale - 1:2,500

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### Map Name(s) and Date(s)




### Historical Map - Segment A8




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| Search Buffer (m): | 100 |

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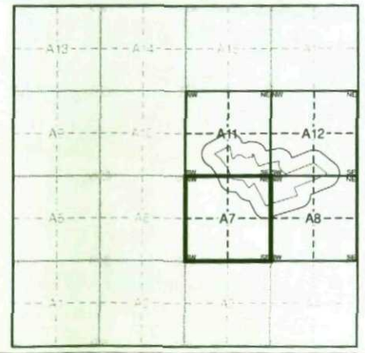
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## Published 1893
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### Map Name(s) and Date(s)




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Velvet Wood
Hermit Wood
Drury Spring
Pog Moor
Barnsley Union Workhouse
Oakfield
Gawber
Gawber Height
OLD TOWN
BARNSLEY
Area 2385.445
M. S. & L.R.
BARNSLEY BOTHOM
SHAW LANDS
Orchid Ground
NORTH
Area 1918.562
Dodworth
Dodworth Green
Horse Wood
Needle Eye Wood
Kingstone Place
Kexforth Hall
Kexforth House
Kexforth Hill Farm
Kexforth Hill
The Hawthorns
Longcar Cottage
Jordan Hill
Foundries
Blackhills
Holgate College
Plantation
Hermit House
Hermit Terrace
Vicarage
St. Thomas' Church
Union Workhouse
Drury Place
Pog Moor
Brick Works
Lane Head
Lane Ends
Lamb Hall
Lamb Hall Farm
Dodworth Road
Station Road
Lamb Hall Road
Water Royd
Tilly Hill
Rotchill
Lamb Hall Rd
Boiler Works
Chapel
School
Church & School
Orchid Ground
Allotments
Pond
Quarry
Sch.
Ch.
Chap.
Ho.
Cott.
Fm.
Sta.
Jc.
Bdy.
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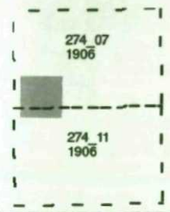

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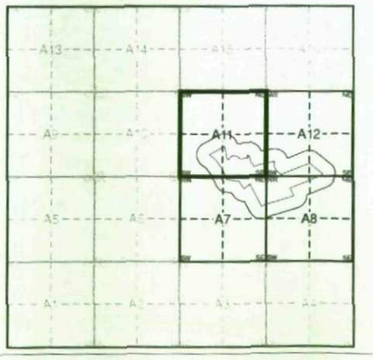
## Yorkshire
## Published 1906
## Source map scale - 1:2,500

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### Map Name(s) and Date(s)




### Historical Map - Segment A11

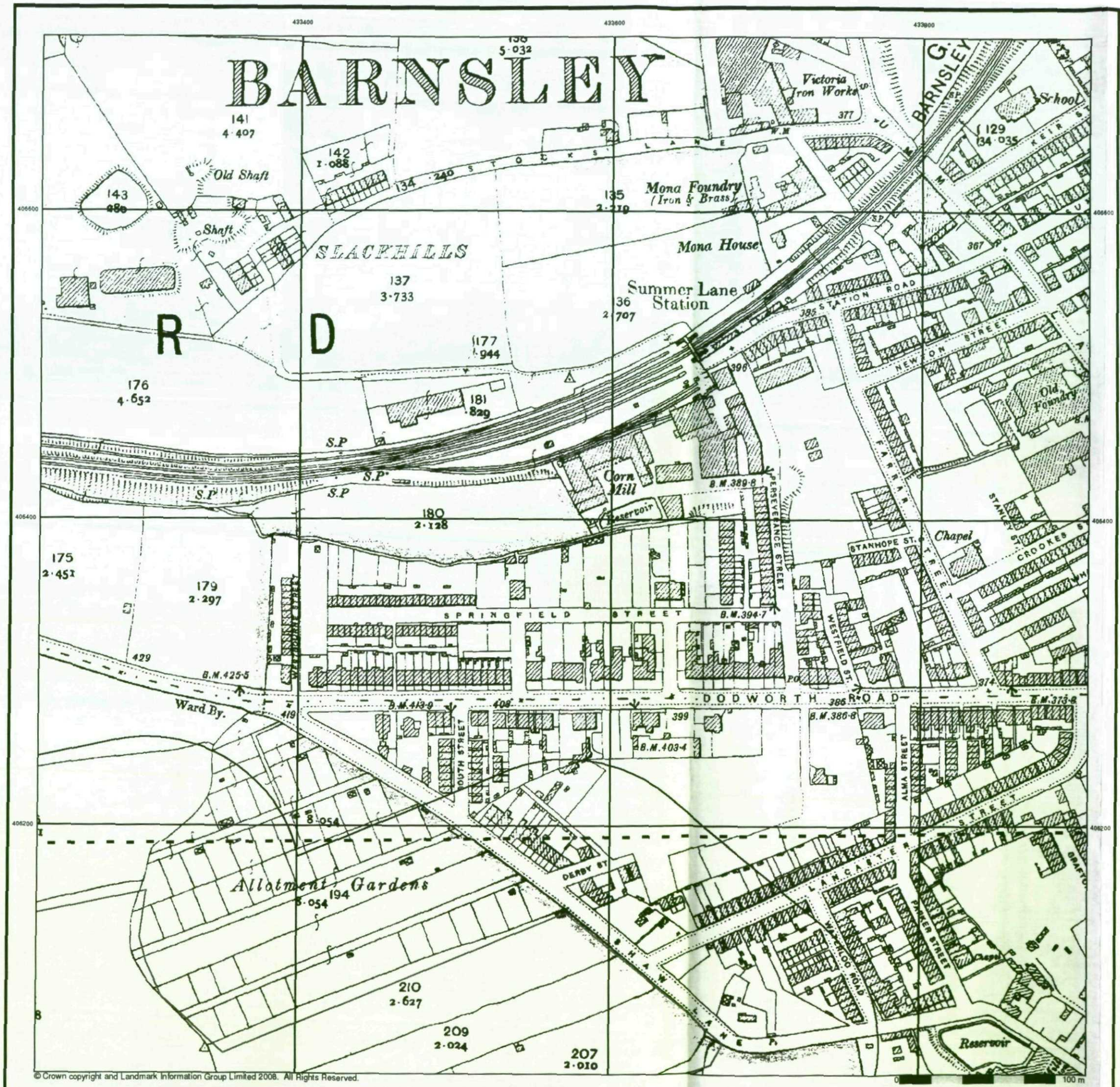



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| Search Buffer (m): | 100 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP



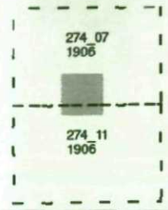

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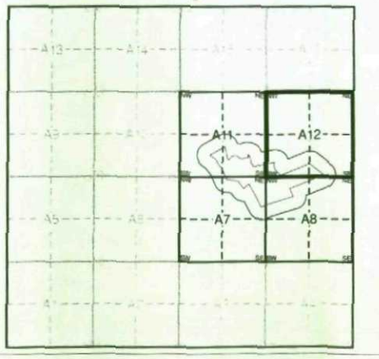
## Yorkshire
## Published 1906
## Source map scale - 1:2,500

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

### Map Name(s) and Date(s)




### Historical Map - Segment A12



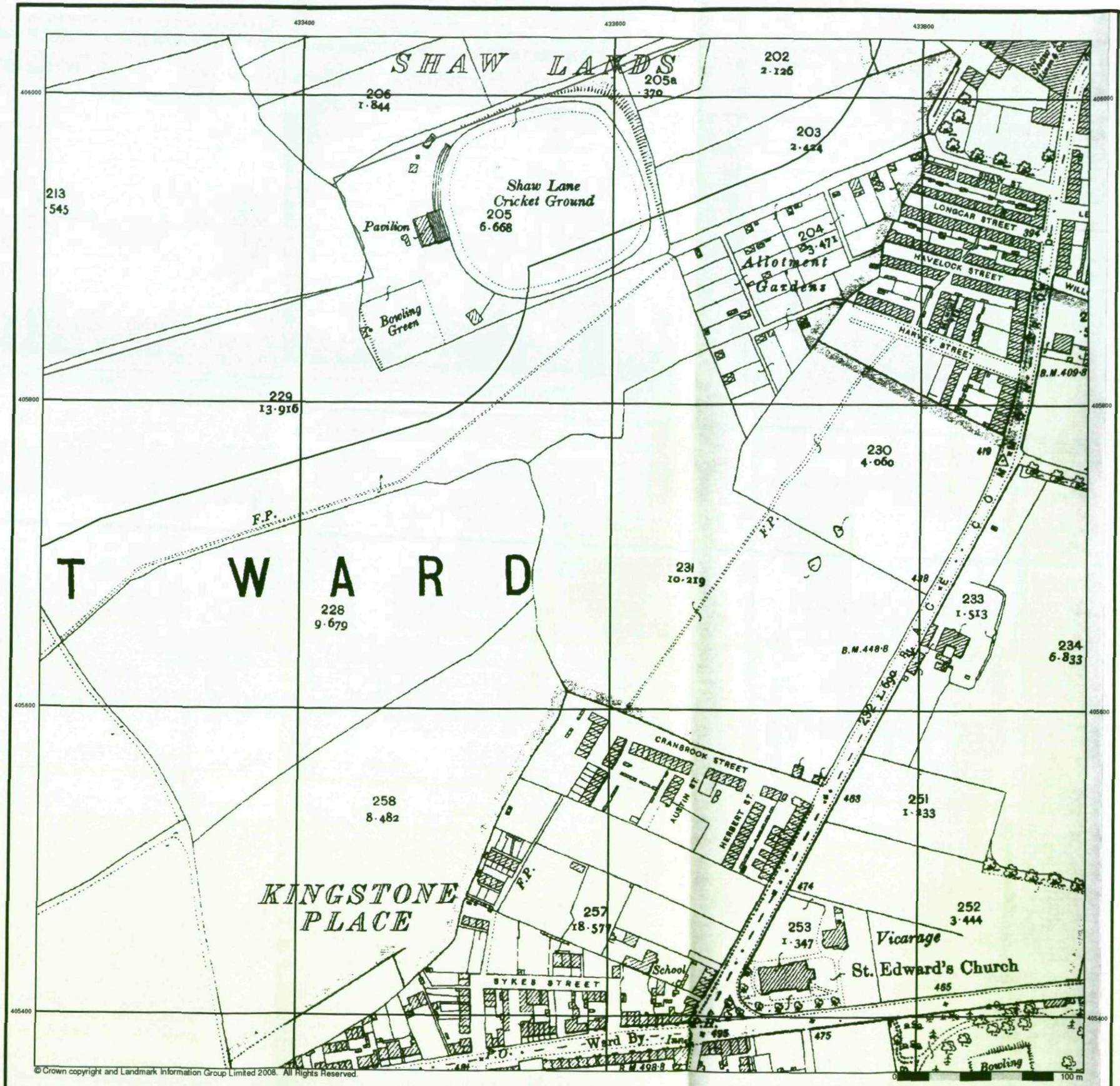

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| Slice: | A |
| Site Area (Ha): | 16.19 |
| *Search Buffer (m):* | *100* |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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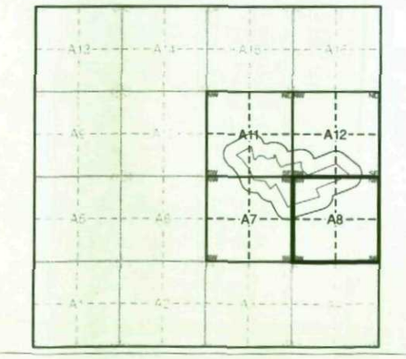
## Yorkshire
## Published 1906
## Source map scale - 1:2,500

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

### Map Name(s) and Date(s)




### Historical Map - Segment A8



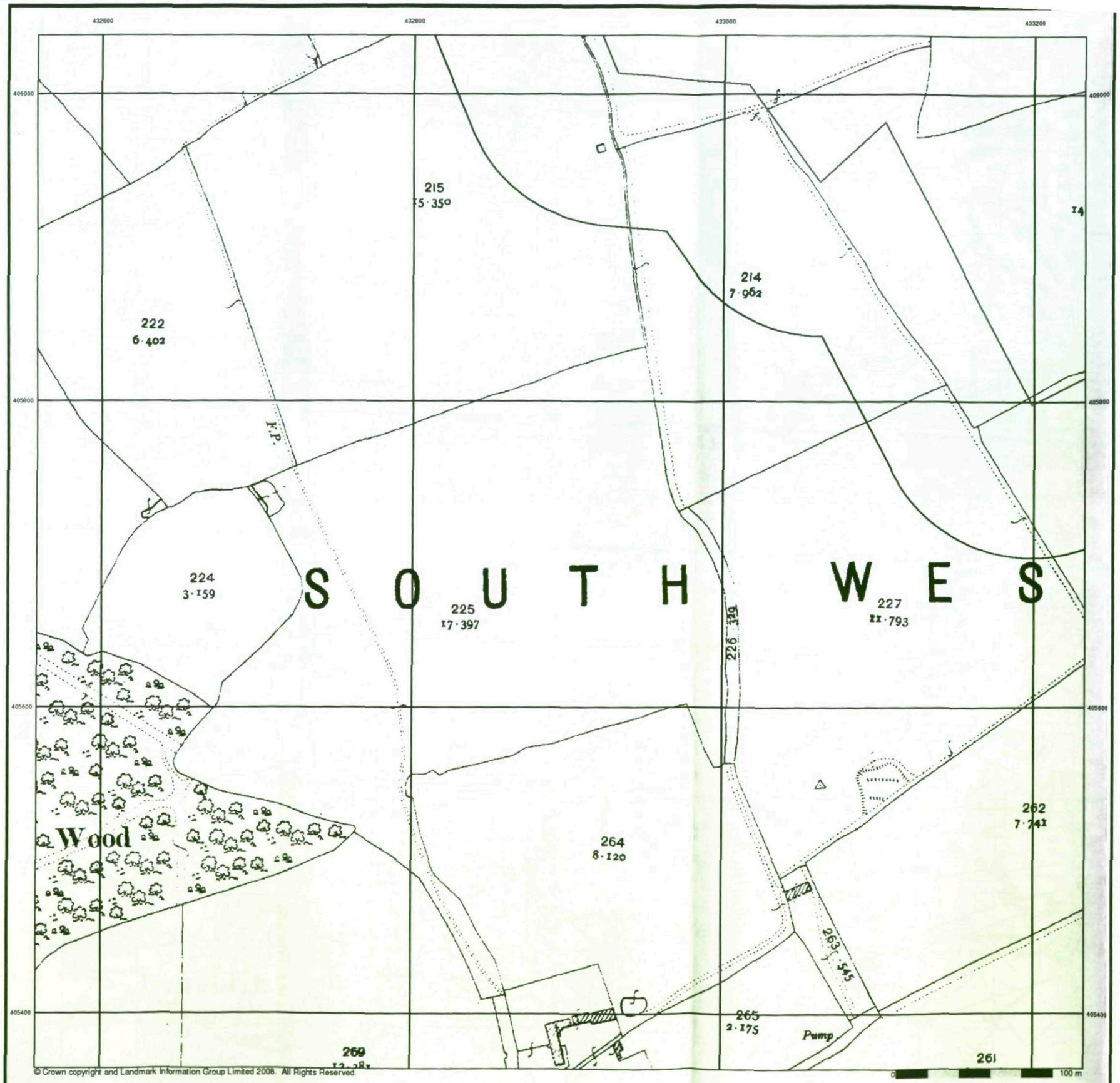

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| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

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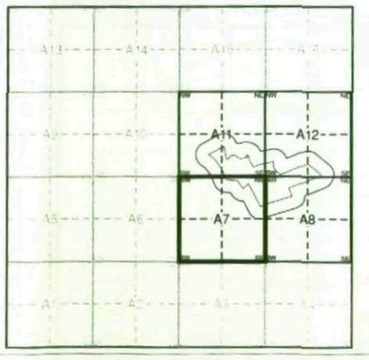
## Yorkshire
## Published 1906
## Source map scale - 1:2,500

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

### Map Name(s) and Date(s)




### Historical Map - Segment A7




### Order Details

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| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

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BARNSLEY
BARNSLEY
Acres 2385·145
OLD TOWN
Craven Wood
Velvet Wood
Hermit Wood
Drury Spring
Pog Moor
Union Workhouse
Gawber Heights
Hermit House
Drury Place
Lane Side Farm
Hunters Cottage
Lane Head
Old Shaft
Brick Works
Summer Lane Brick Works
Summer Lane Station
G. C. R.
BARNSLEY BRANCH
SHAW LANE
Shaw Lane Cricket Ground
Dodworth Road
Reservoir
North Field
Gate Inn
Horse Wood
KINGSTONE PLACE
Kexforth House
Kexforth Hill Farm
Kexforth Hill
Kexforth Road
The Hawthorns
Kexforth Hall
Needless Eye Wood
St. Thomas's Methodist Church & School
Rose Hill Colliery
Water Royd
Pilley Hill
Dodworth
Dodworth Green
Pond Farm
Lambert Hold
Batten Row
Church Hill School
Chapel
Inn
Spring
Schools
Pond
Rockhill
Kexforth Road Farm
Horse Wood
Plantation
Viaduct
Reservoir
Tunnel
Mkt. Chap.
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Manchester 36 Barnsley 1
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Brick Works
Old Shaft
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Old Shaft

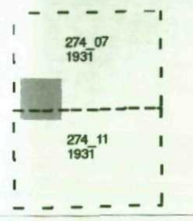



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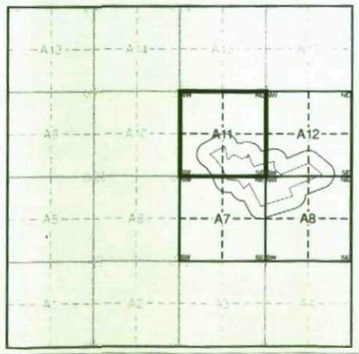
## Yorkshire
## Published 1931
## Source map scale - 1:2,500

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

### Map Name(s) and Date(s)




### Historical Map - Segment A11



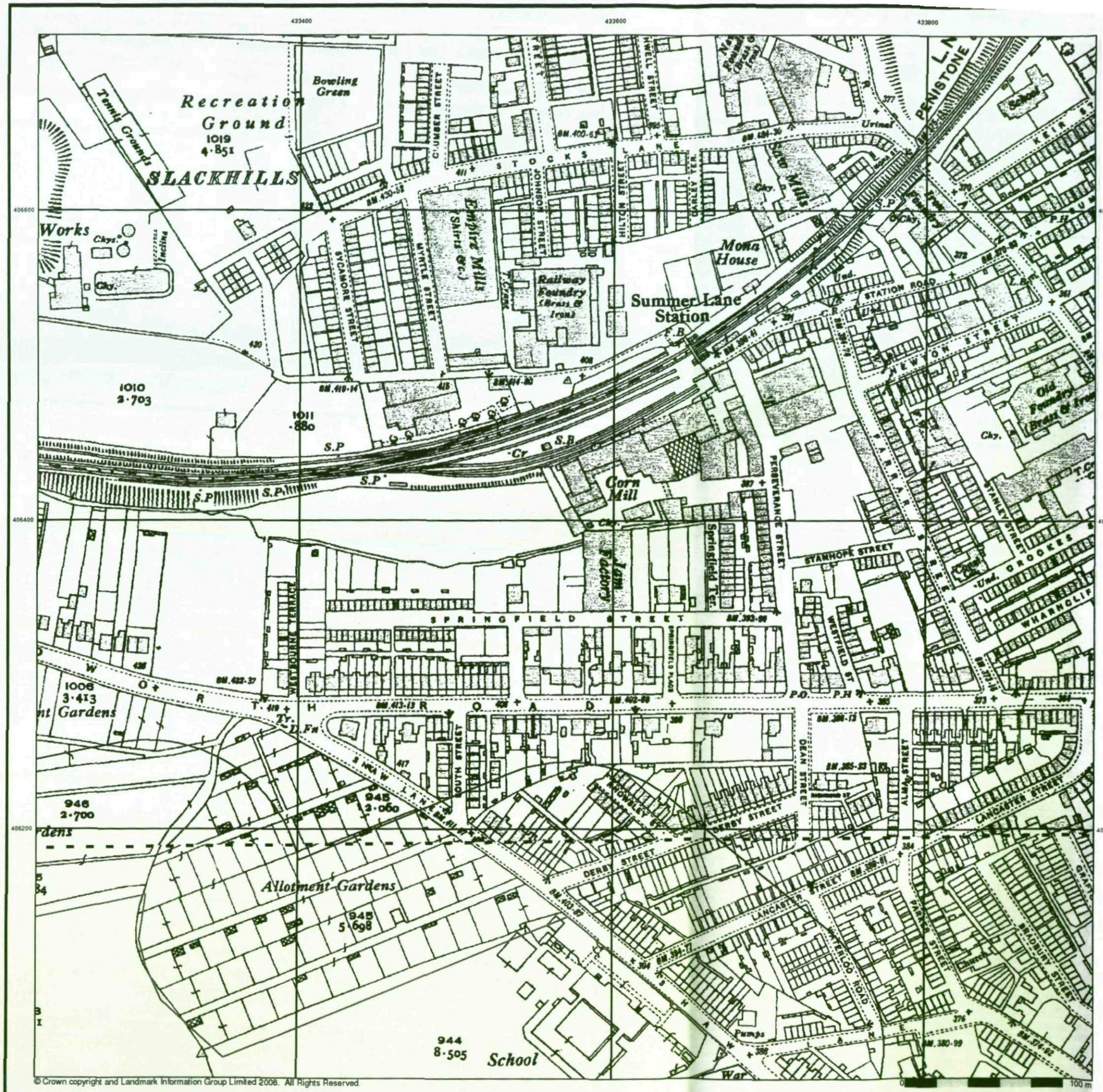

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| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

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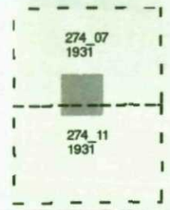

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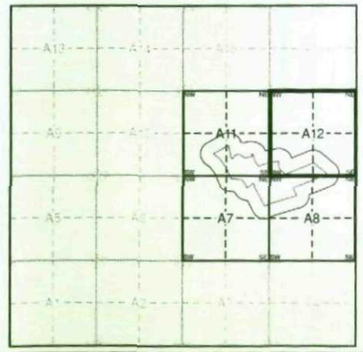
## Yorkshire
## Published 1931
## Source map scale - 1:2,500

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 A12




### Order Details

| | |
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| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

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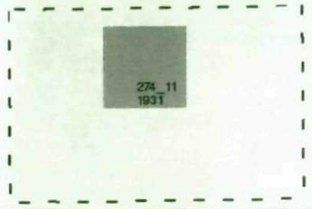

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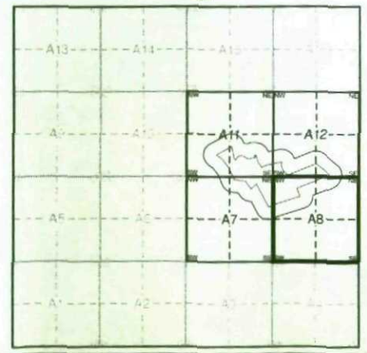
## Yorkshire
## Published 1931
## Source map scale - 1:2,500

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 A8



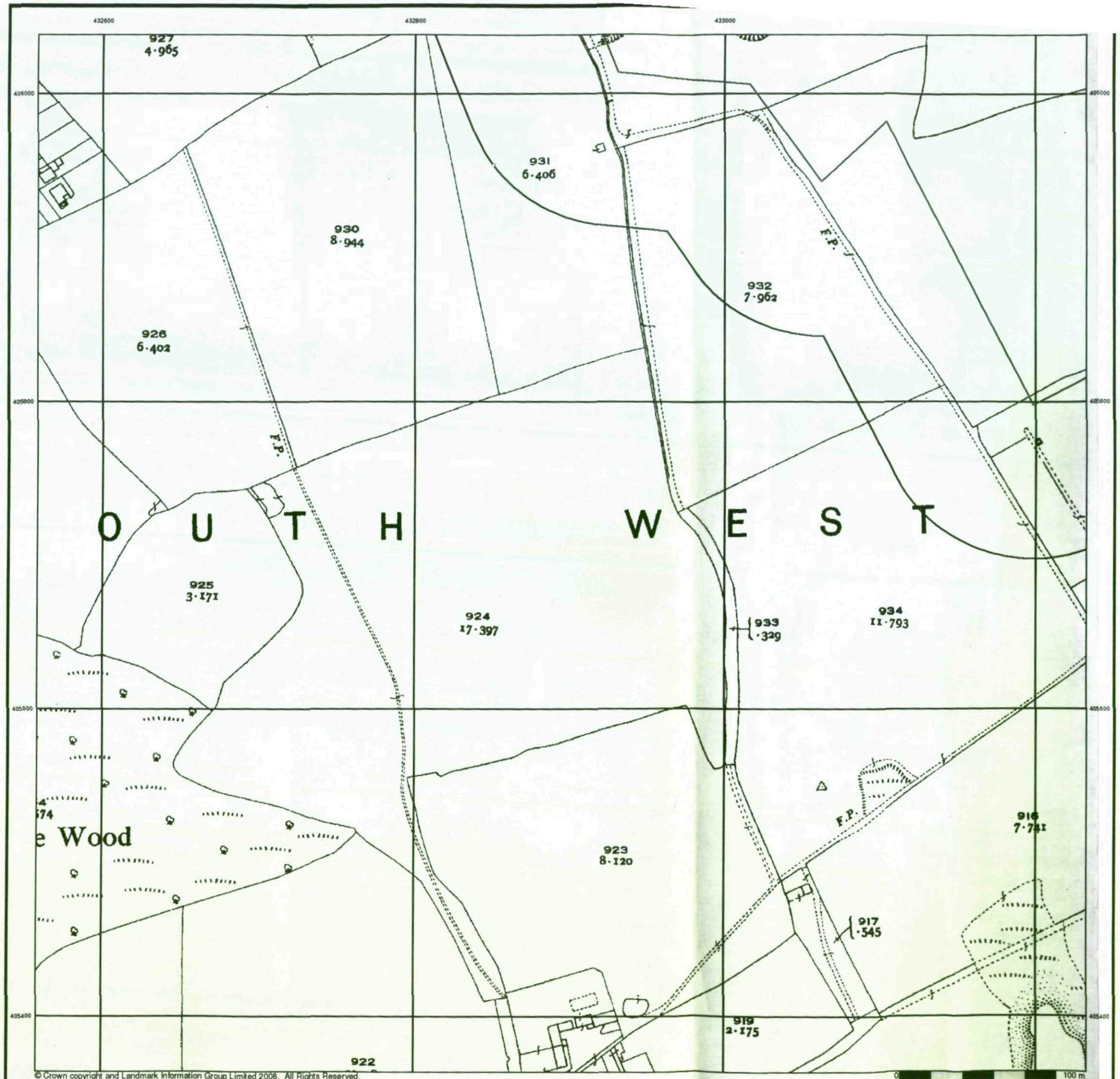

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| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

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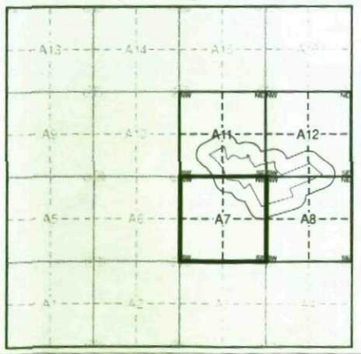
## Yorkshire
## Published 1931
## Source map scale - 1:2,500

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 A7




### Order Details

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| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

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431400
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405600
405400
405200
405000
404800
OLD TOWN
PEG MOOR
SLACKHALES
SHAW LANE
KINGSTONE PLACE
Dodworth
Dodworth Bottom
NORTH
Craven Wood
Velvet Wood
Drury Spring
Horse Wood
Needle Eye Wood
North Field
Church Hill
Hill Brow
Recreation Ground
Allotment Gardens
Shaw Lane Cricket Ground
Beech Grove
Old Shafts
Old Shaft
Brick Works
Refuse Destructor
Farm House Colliery
Hunters Cottage
Lane Head
Drury Place
Oakfield
Lower Fold
Kexforth House
Kexforth Hills Farm
Kexforth Hill
Houndhill Colliery (Disused)
St. Thomas's Mission Church
Methodist Church
School
Allot. Gdns.
Sch.
Ch.
Mth. Ch.
Lodge
Viaduct
Tunnel
Quarry
Clay Pit
Pond
Drift
Refuse Tip
Sewage Works
Pal. Sta.
Cricket Ground
Bowling Green
Tennis Courts
Sports Ground
Allotments
Nabdale Place
The Limes
Lower Fold
Herod House
Herod Inn
Lane Side Farm
Whitehall
Valley Hill
Fairy House Lane
Hall Lane
Hall Green
Hall Bank
Hall Brow
Hall Road
Hall Cliff
Hall Cliff Road
Hall Cliff Rise
Hall Cliff Terrace
Hall Cliff Drive
Hall Cliff Close
Hall Cliff Avenue
Hall Cliff Crescent
Hall Cliff Gardens
Hall Cliff Grove
Hall Cliff Mount
Hall Cliff Park
Hall Cliff Place
Hall Cliff Square
Hall Cliff Street
Hall Cliff Terrace
Hall Cliff Walk
Hall Cliff Way
Hall Cliff Wood
Hall Cliff Yard
Hall Cliff Zone
Hall Cliff Area
Hall Cliff Block
Hall Cliff Building
Hall Cliff Complex
Hall Cliff Estate
Hall Cliff Flats
Hall Cliff House
Hall Cliff Lodge
Hall Cliff Manor
Hall Cliff Mansion
Hall Cliff Mews
Hall Cliff Office
Hall Cliff Offices

## Ordnance Survey Plan
## Published 1956
## Source map scale - 1:10,560

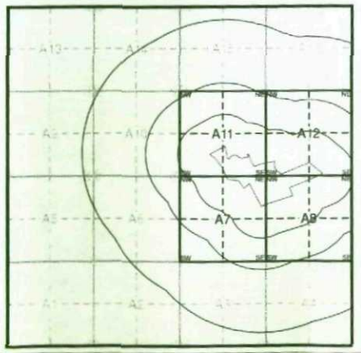
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

SE30NW
1956

SE30SW
1956

### Historical Map - Slice A




### Order Details

| | |
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| Order Number: | 26976016_1_1 |
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| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

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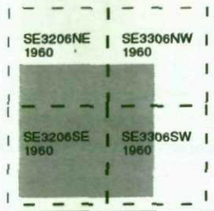

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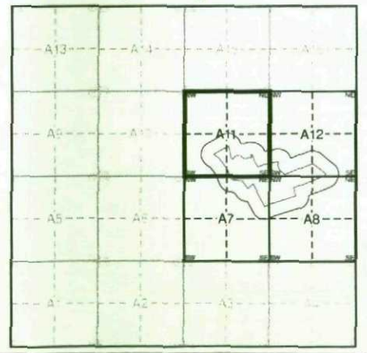
## Ordnance Survey Plan
## Published 1960
## Source map scale - 1:1,250

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)




### Historical Map - Segment A11



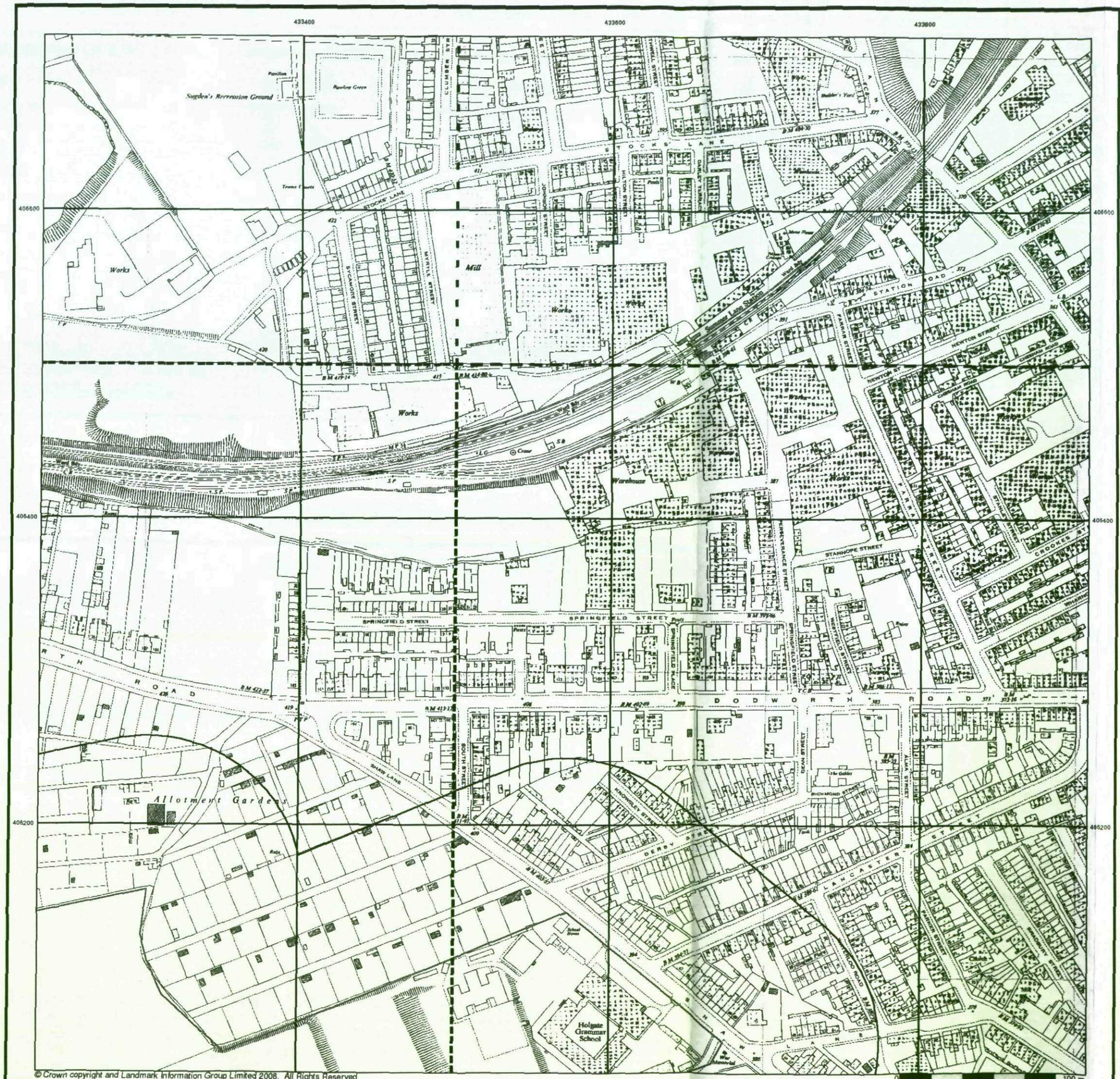

### Order Details

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| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

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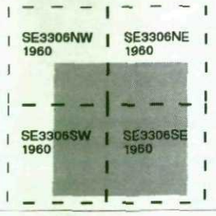

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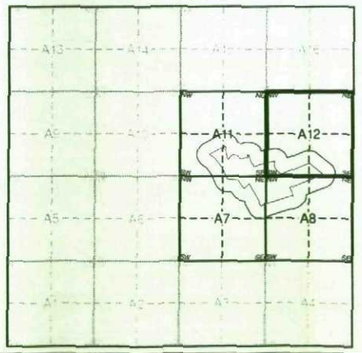
## Ordnance Survey Plan
## Published 1960
## Source map scale - 1:1,250

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)




### Historical Map - Segment A12




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### Site Details

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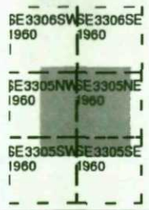

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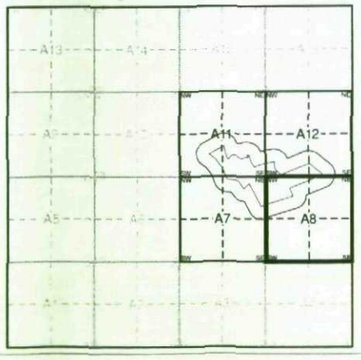
## Ordnance Survey Plan
## Published 1960
## Source map scale - 1:1,250

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)




### Historical Map - Segment A8




### Order Details

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### Site Details

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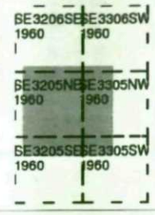

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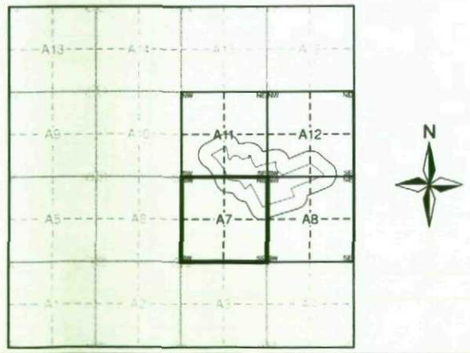
## Ordnance Survey Plan
## Published 1960
## Source map scale - 1:1,250

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)




### Historical Map - Segment A7




### Order Details

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| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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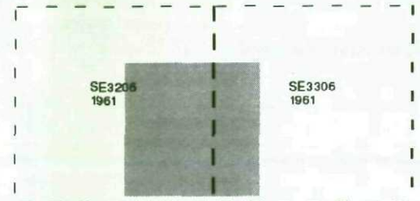

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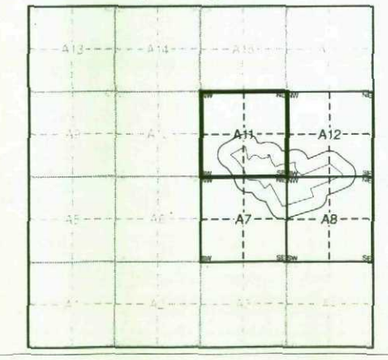
## Ordnance Survey Plan
## Published 1961
## Source map scale - 1:2,500

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

### Map Name(s) and Date(s)




### Historical Map - Segment A11



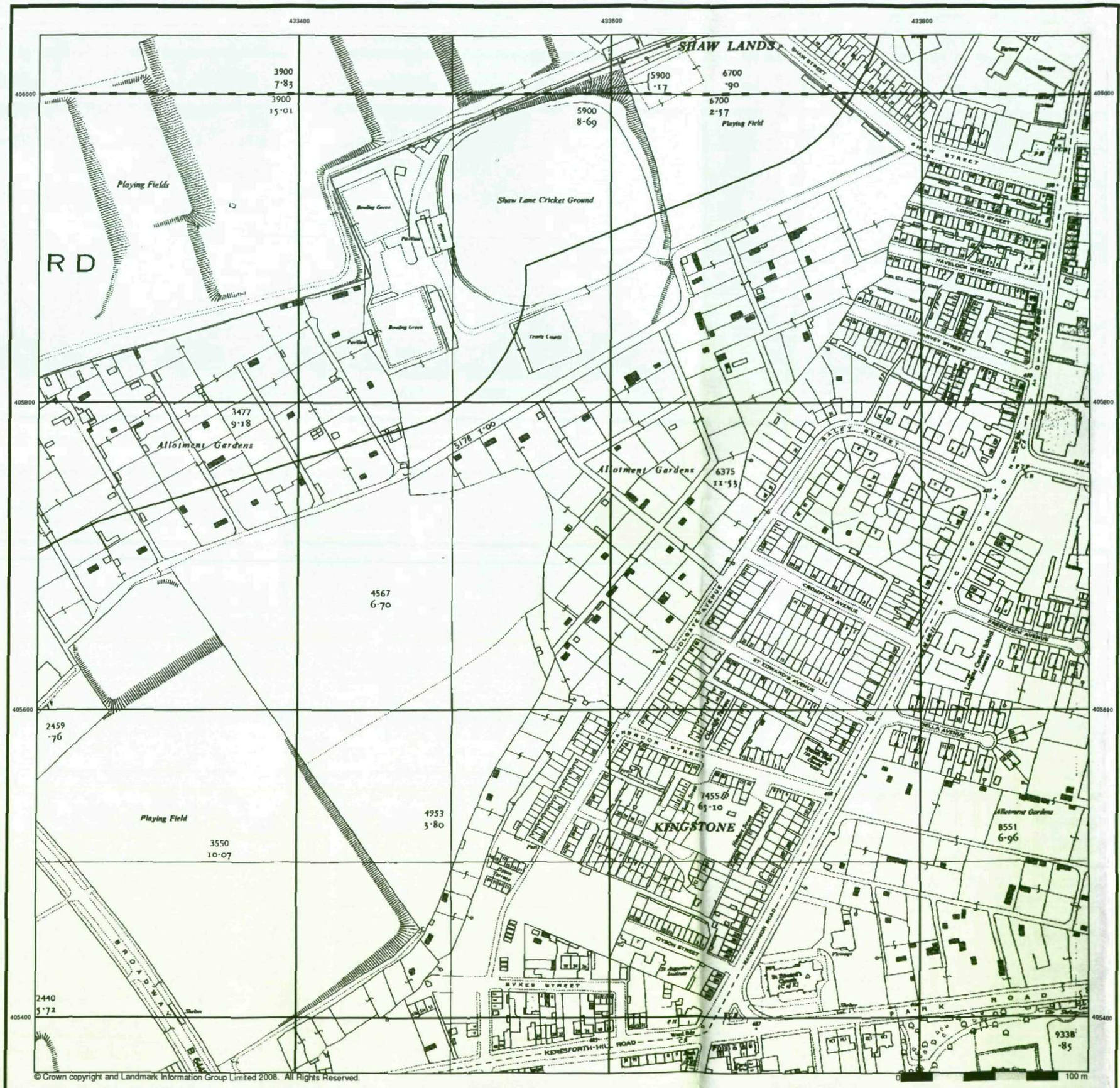

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| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| *Slice:* | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### *Site Details*

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP


433400
433600
433800
406600
406400
406200
Sugden's Recreation Ground
Bowling Green
Tennis Courts
Allotment Gardens
Holgate Grammar School
Mill
Works
Warehouse
Gasworks
Sidings
Goods Loop
Goods Shed
Goods Yard
Builder's Yard
Gas Works
Electricity Sub Station
Pumping Station
Pond
Refuse Tip
Ambulance Station
Fire Station
Police Station
Baptist Church
Methodist Church
Chapel
Cemetery
Public Conveniences
Bridge
Subway
Level Crossing
Footbridge
Pylon
Telegraph Poles
Cutting
Embankment
Quarry
Rubble
Rough Ground
Scrub
Trees
Orchard
Hedge
Wall
Fence
Ditch
Sluice
Weir
Lock
Canal
Tunnel
Shaft
Adit
Spoil Heap
Mineral Line
Aerial Ropeway
Boundary Stone
Milestone
Milepost
Guide Post
Direction Stone
Fingerpost
Sign Post
Triangulation Pillar
Bench Mark
Spot Height
Contour
Cliff
Rock
Sand
Shingle
Mud
Marsh
Reeds
Sewage Works
Refuse Disposal Site
Electricity Transmission Line
Electricity Pylon
Telephone Line
Telephone Kiosk
Post Box
Post Office
Public House
Hotel
Youth Hostel
Caravan Site
Camping Ground
Golf Course
Golf Links
Golf Tee
Golf Bunker
Golf Hole
Golf Green
Golf Clubhouse
Golf Practice Ground
Golf Driving Range



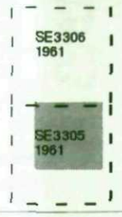
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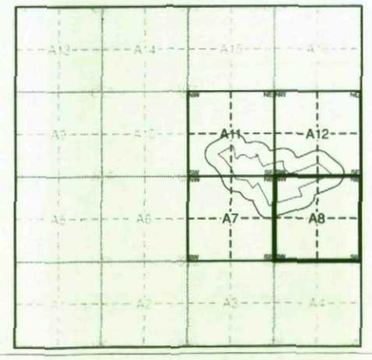
## Ordnance Survey Plan
## Published 1961
## Source map scale - 1:2,500

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 A8

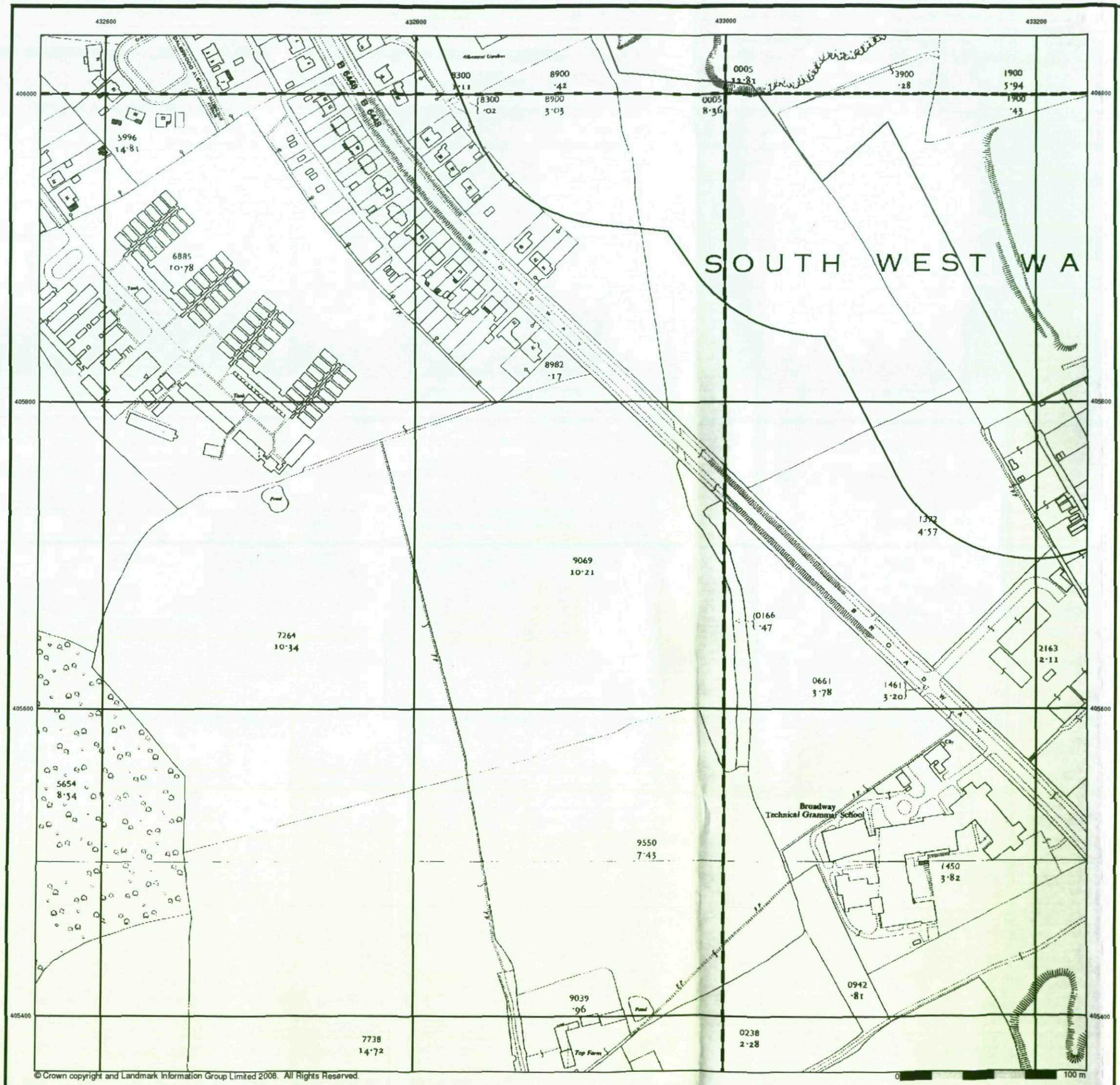



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| Search Buffer (m): | 100 |

### Site Details

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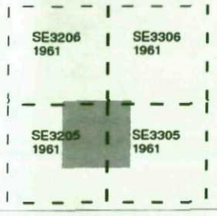
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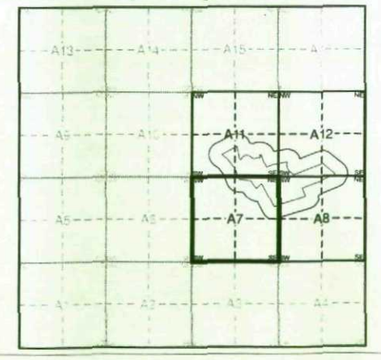
## Ordnance Survey Plan
## Published 1961
## Source map scale - 1:2,500

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 A7



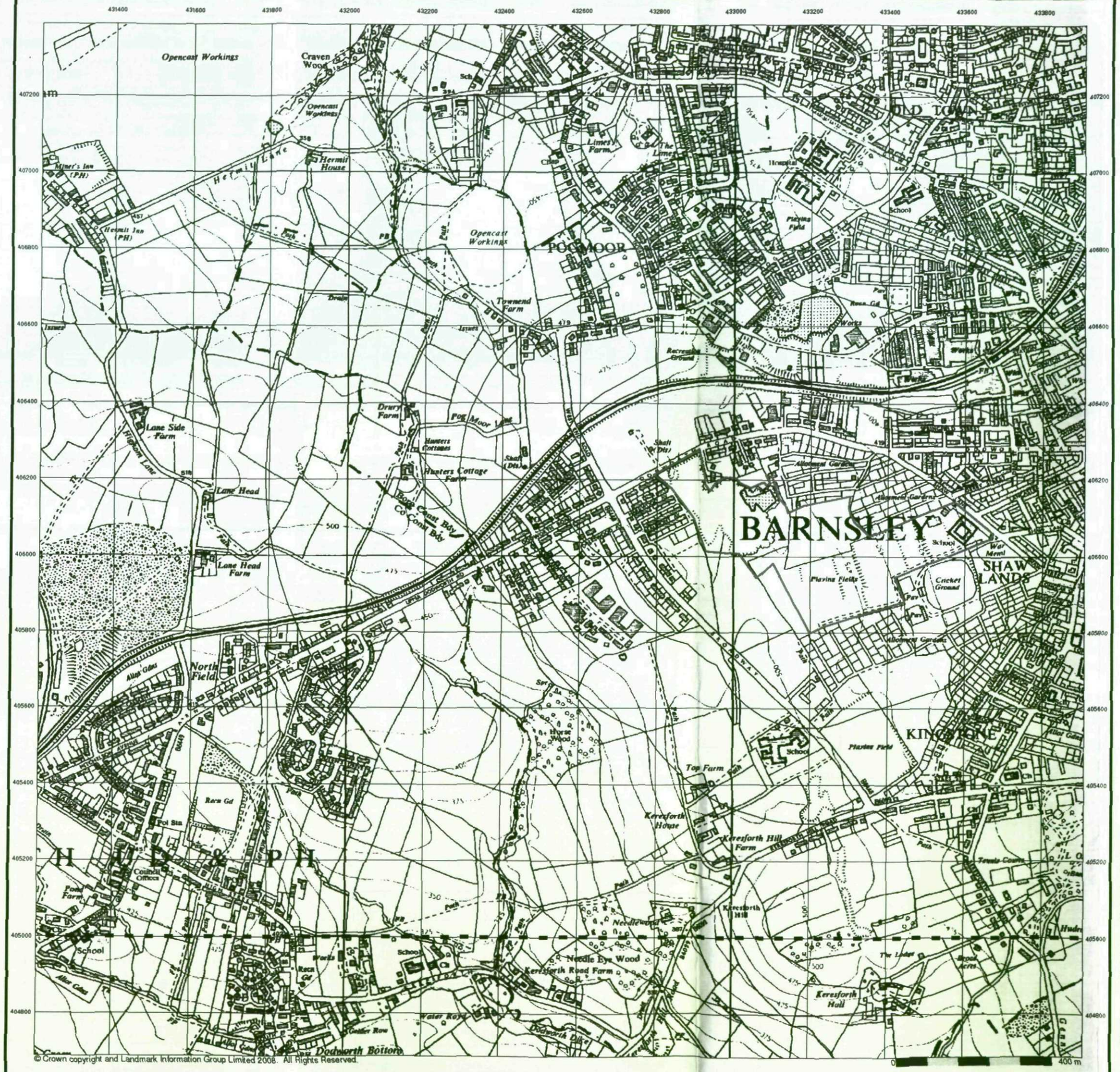

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| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

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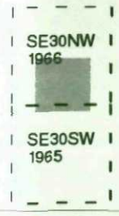
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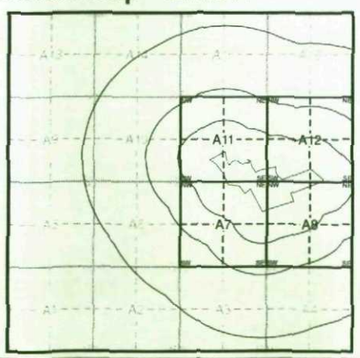
## Ordnance Survey Plan
## Published 1965 - 1966
## Source map scale - 1:10,560

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: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| *Search Buffer (m):* | *1000* |

### Site Details

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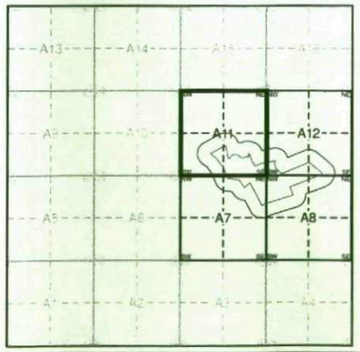
## Ordnance Survey Plan
## Published 1969 - 1977
## Source map scale - 1:1,250

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)




### Historical Map - Segment A11




### Order Details

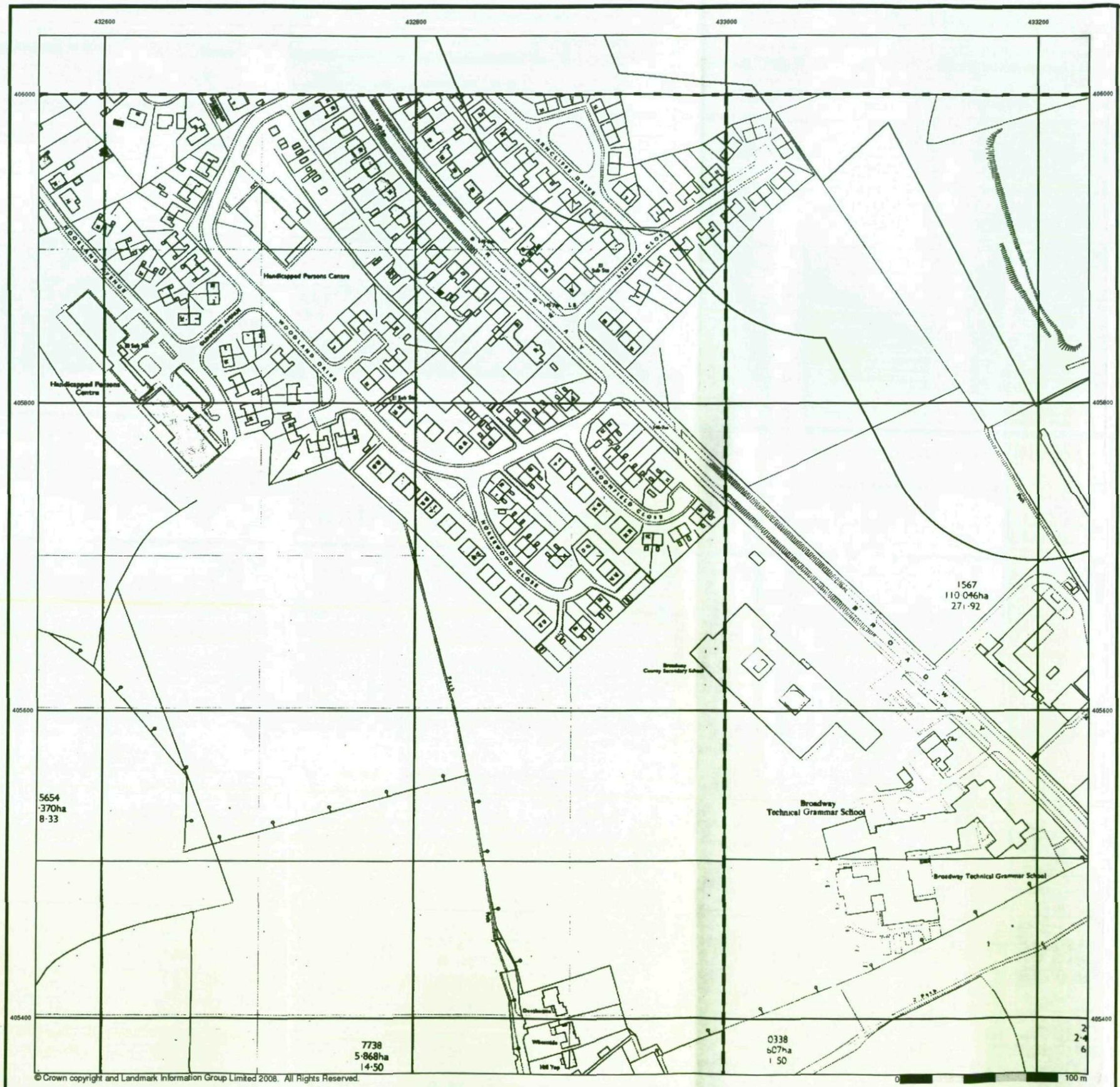
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| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

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433400
433600
433800
405800
405600
405400
Playing Fields
Shaw Lane Cricket Ground
Playing Field
Allotment Gardens
Allotment Gardens
SOUTH WEST WARD
KINGSTONE
Playing Field
Playing Field
Allotment Gardens
Allotment Gardens
Bowling Green
Pavilion
Bowling Green
Pavilion
Tennis Courts
Pumping Station
Pumping Station
Pumping Station



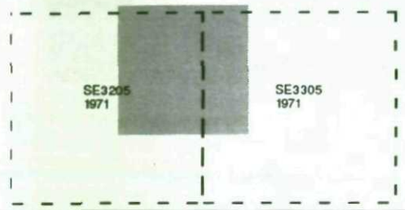

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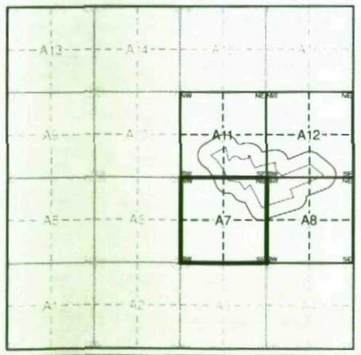
## Ordnance Survey Plan
## Published 1971
## Source map scale - 1:2,500

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 A7



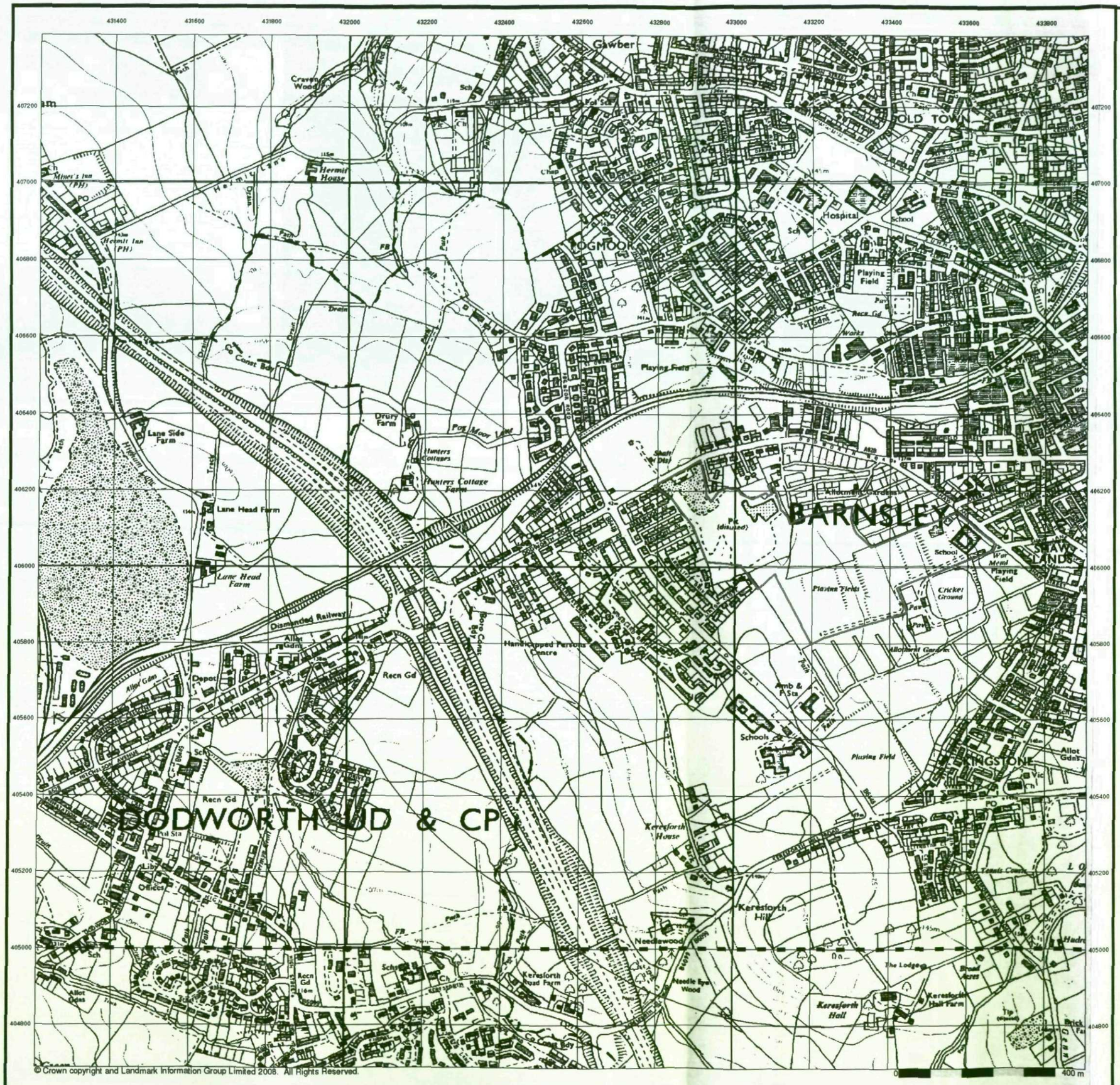

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| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

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## Ordnance Survey Plan
## Published 1973 - 1978
## Source map scale - 1:10,000

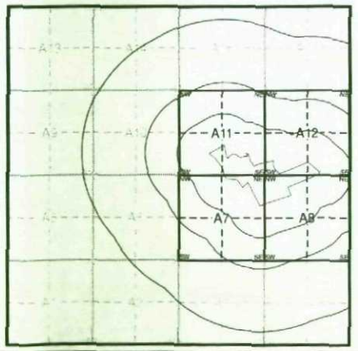
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

SE30NW
1973

SE30SW
1978

### Historical Map - Slice A

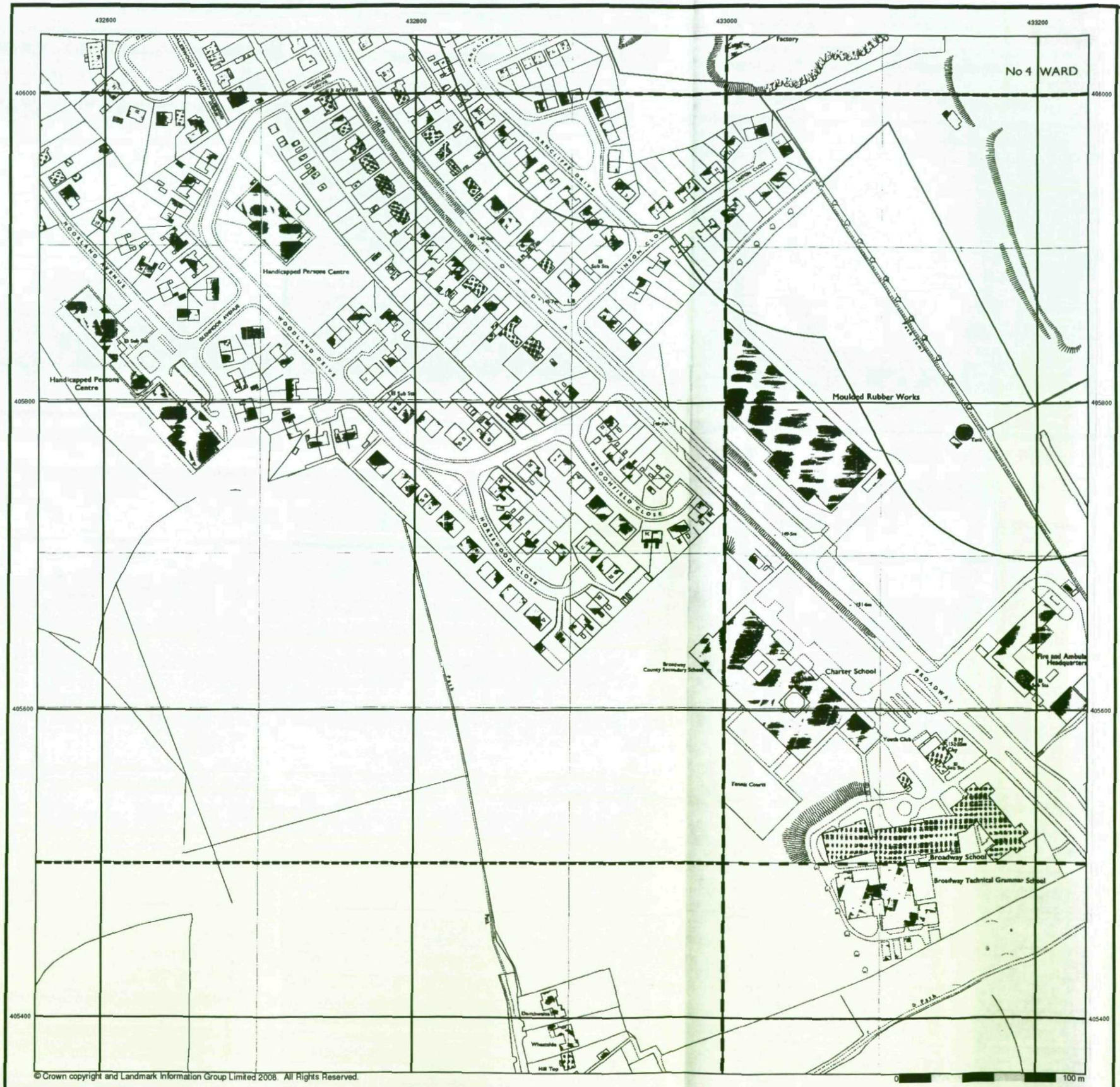



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| Slice: | A |
| *Site Area (Ha):* | *16.19* |
| Search Buffer (m): | 1000 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP


No 4 WARD
Handicapped Persons Centre
Handicapped Persons Centre
Moulded Rubber Works
Charter School
Broadway School
Broadway Technical Grammar School
Fitness Centre
Fire and Ambulance Headquarters
Broadway County Secondary School
Factory
Tank
Whitelands
Hill Top
Dunchmonte Hill
Footpath
Footpath
Footpath




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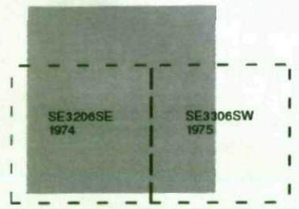
## Supply of Unpublished Survey Information

## Published 1974 - 1975

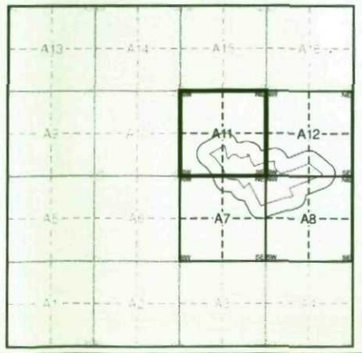
## Source map scale - 1:1,250

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

### Map Name(s) and Date(s)




### Historical Map - Segment A11

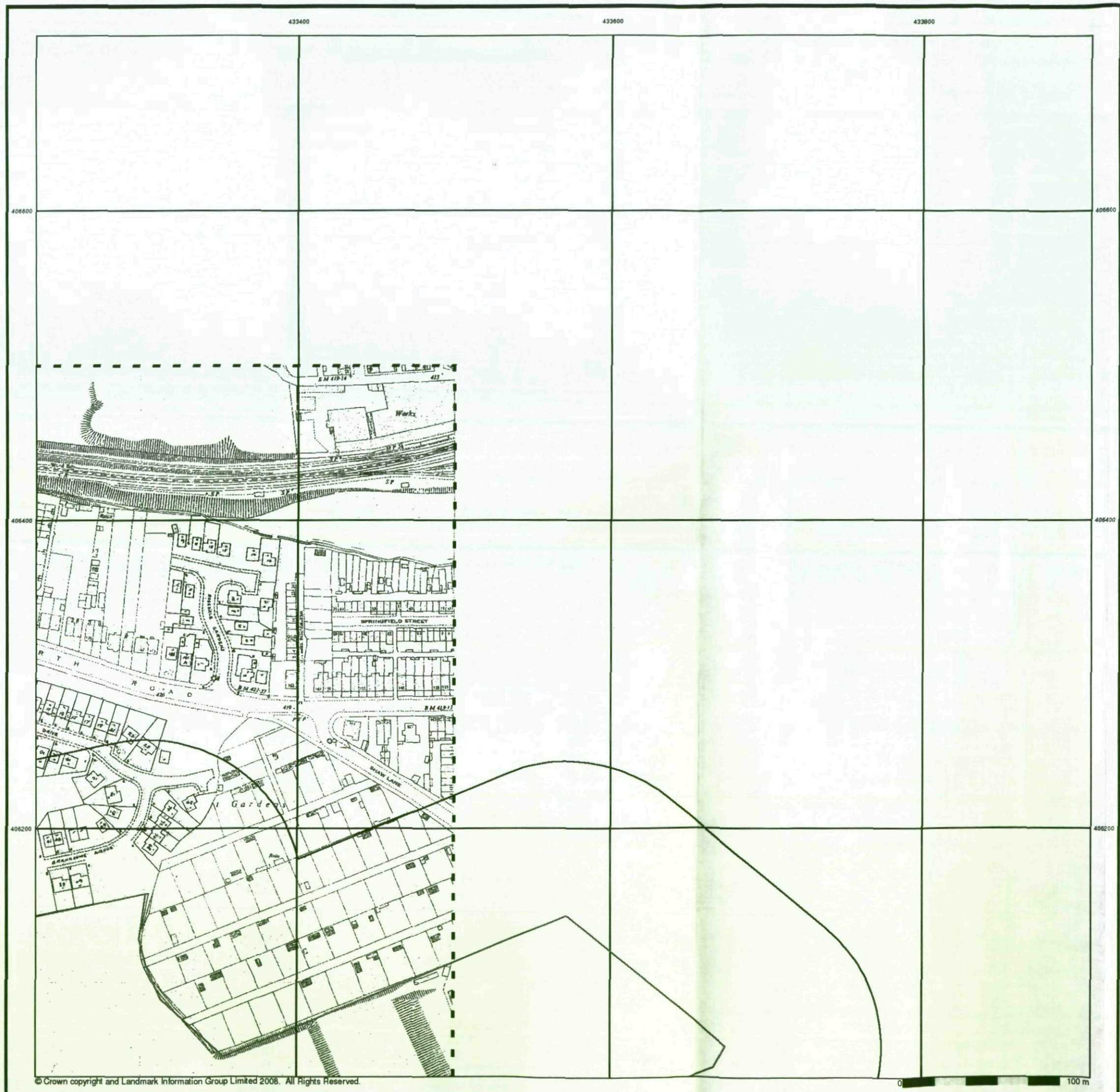



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| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

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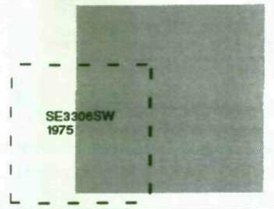
## Supply of Unpublished Survey Information

## Published 1975

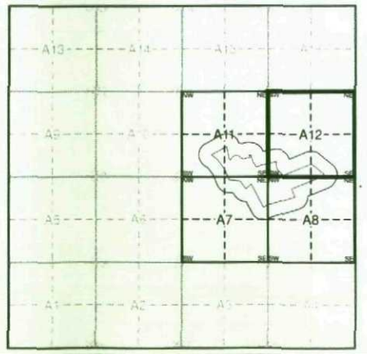
## Source map scale - 1:1,250

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

### Map Name(s) and Date(s)




### Historical Map - Segment A12



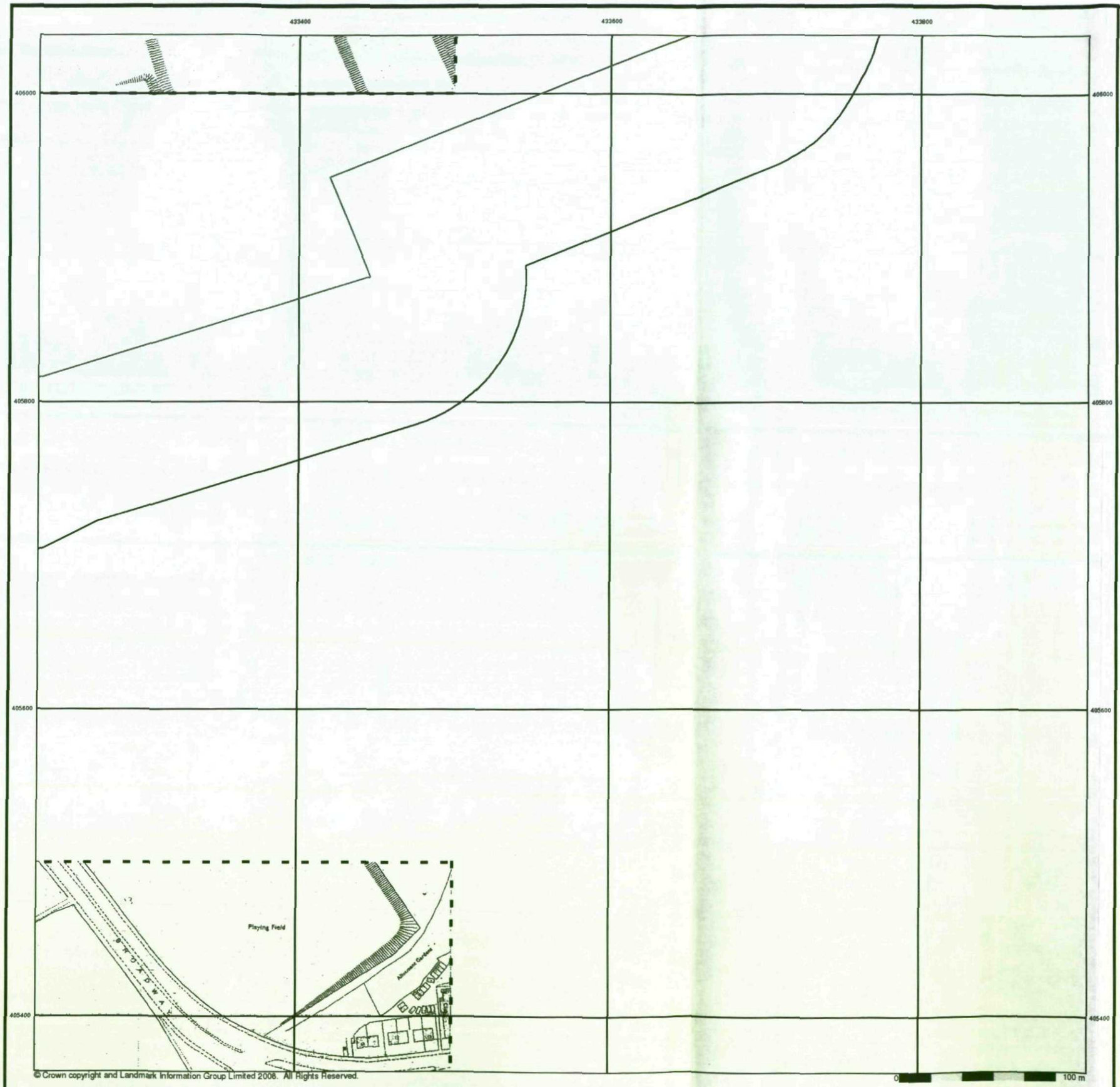

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| Slice: | A |
| Site Area (Ha): | 16.19 |
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### Site Details

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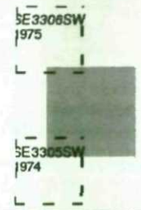
## Supply of Unpublished Survey Information

## Published 1974 - 1975

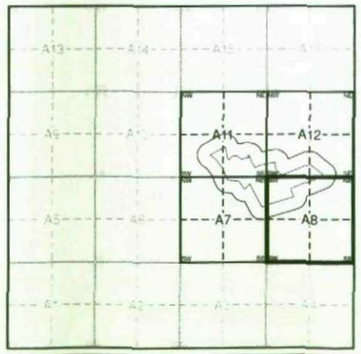
## Source map scale - 1:1,250

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

### Map Name(s) and Date(s)




### Historical Map - Segment A8



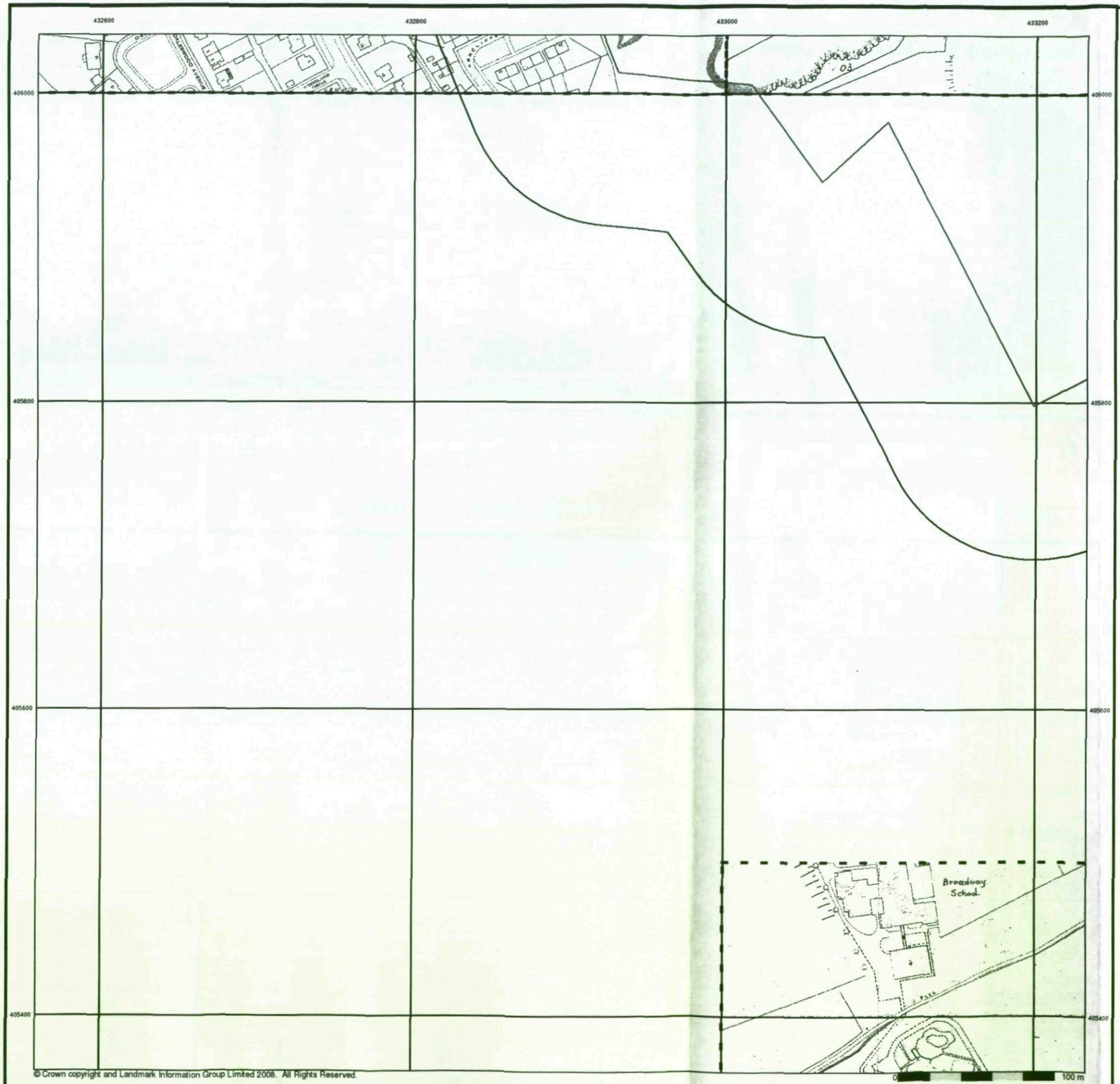

### Order Details

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| *Slice:* | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

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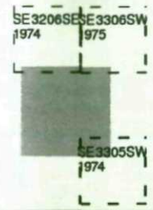
# Supply of Unpublished Survey Information

## Published 1974 - 1975

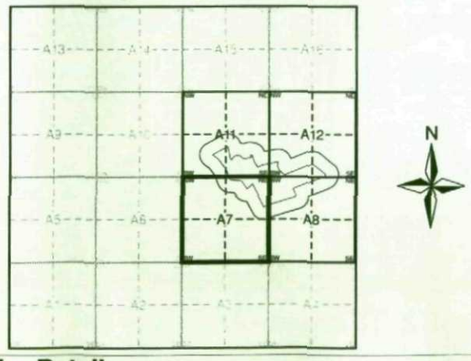
## Source map scale - 1:1,250

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

## Map Name(s) and Date(s)




## Historical Map - Segment A7



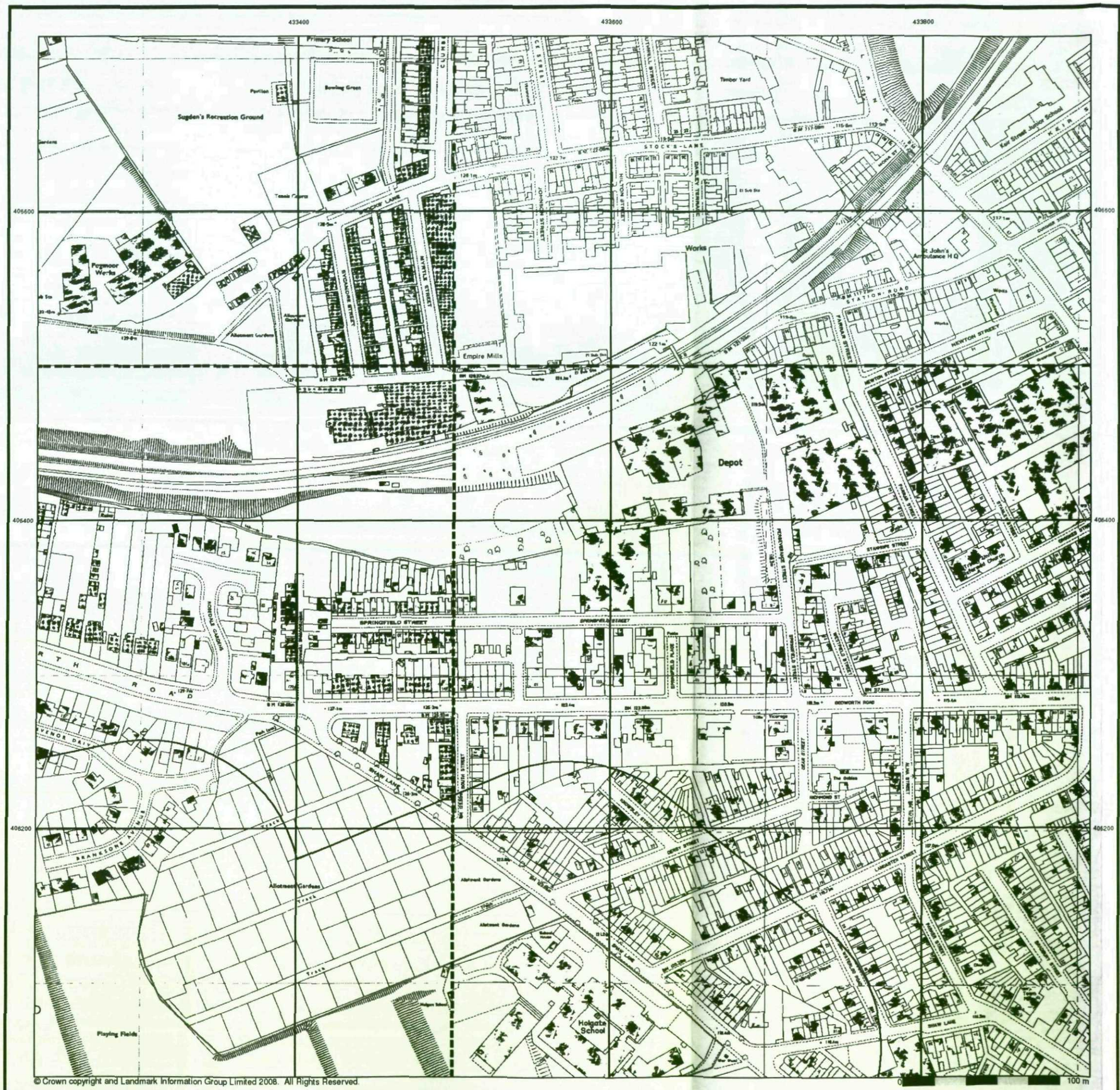

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| *Customer Ref:* | *GLH/01* |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

## Site Details

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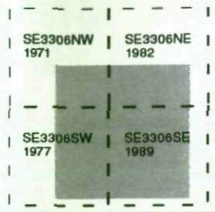

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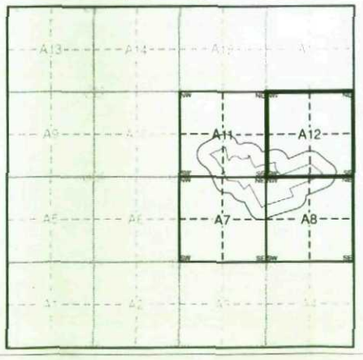
## Ordnance Survey Plan
## Published 1971 - 1989
## Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 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 A12




### Order Details

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| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
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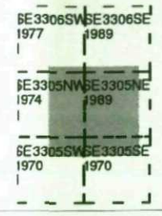

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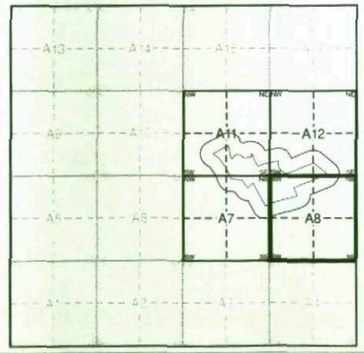
## Ordnance Survey Plan
## Published 1970 - 1989
## Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 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 A8




### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
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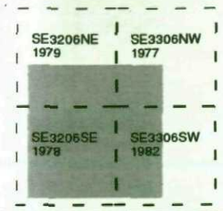

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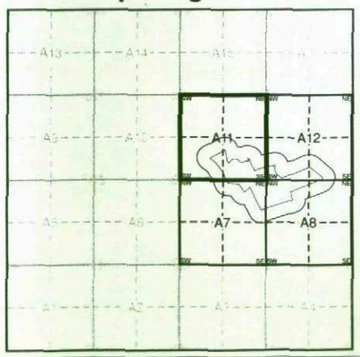
## Additional SIMs
## Published 1977 - 1982
## Source map scale - 1:1,250

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 A11



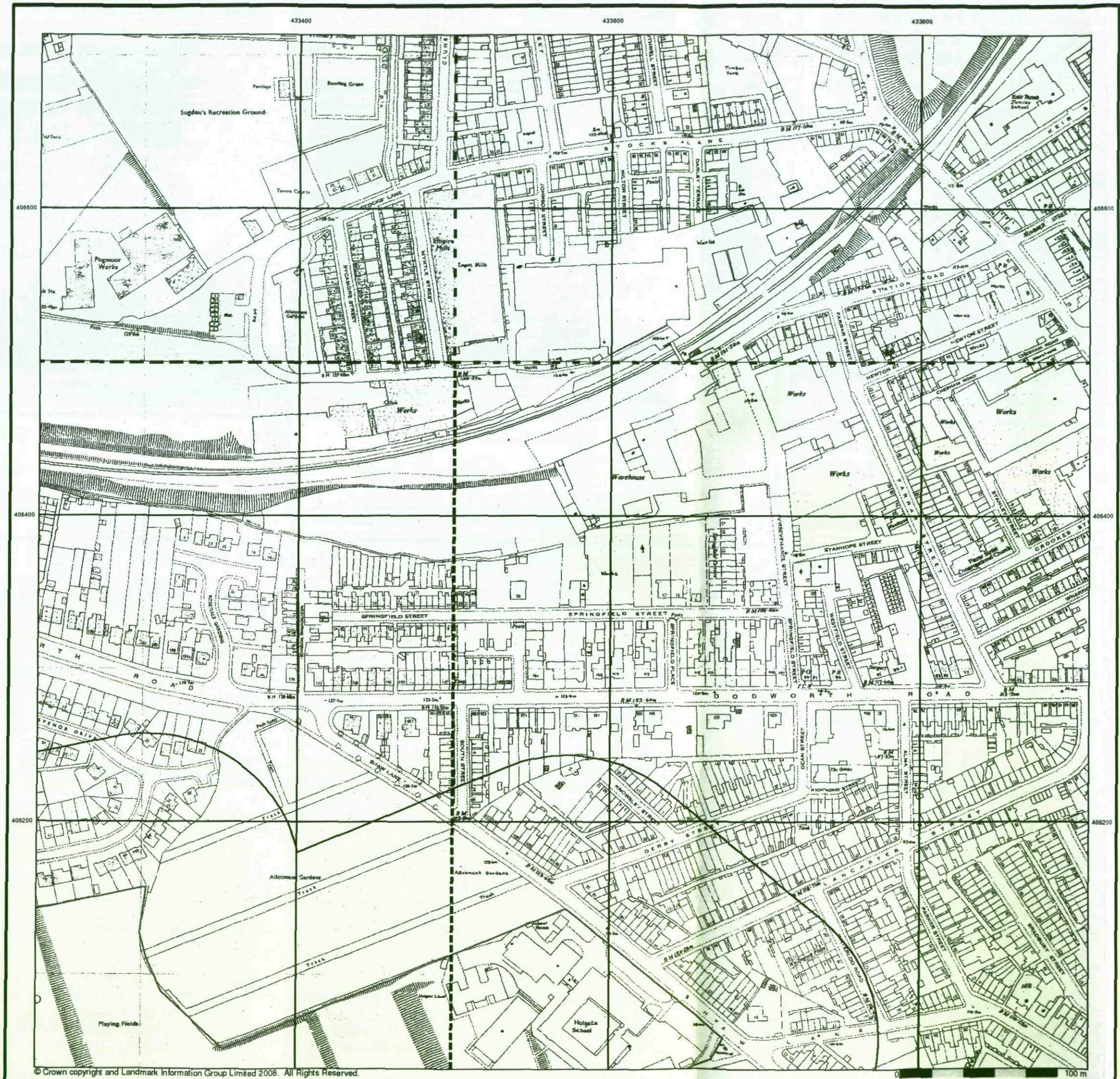

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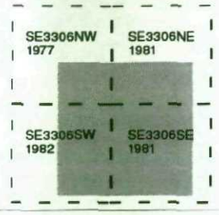

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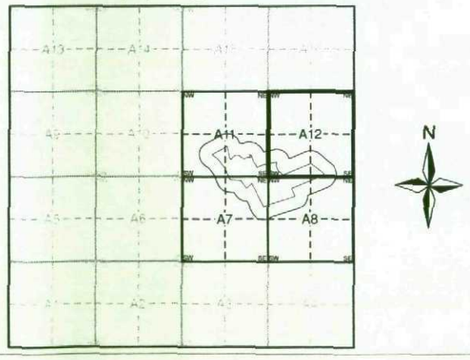
## Additional SIMs
## Published 1977 - 1982
## Source map scale - 1:1,250

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### Map Name(s) and Date(s)




### Historical Map - Segment A12



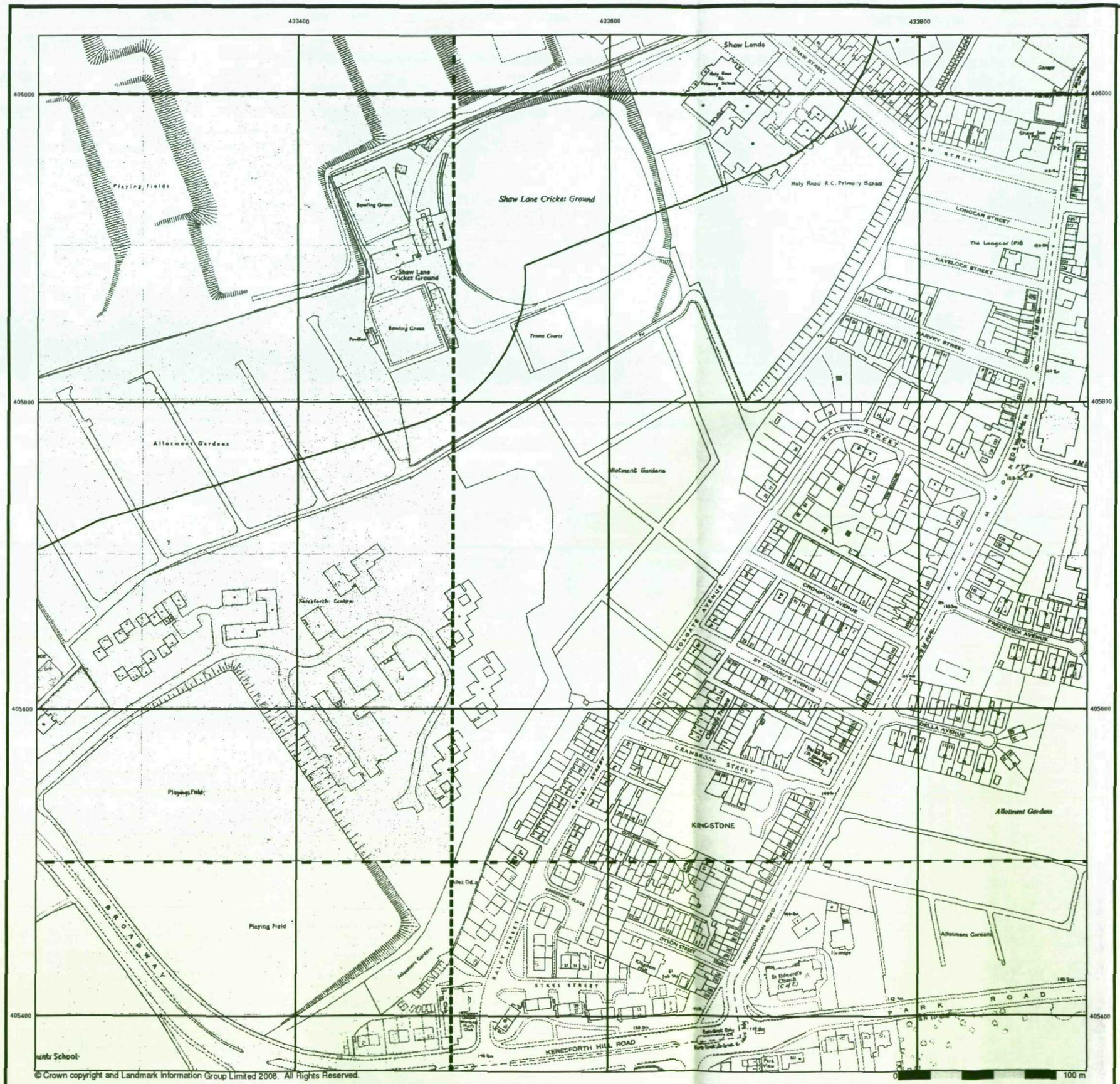

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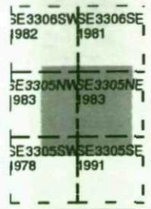

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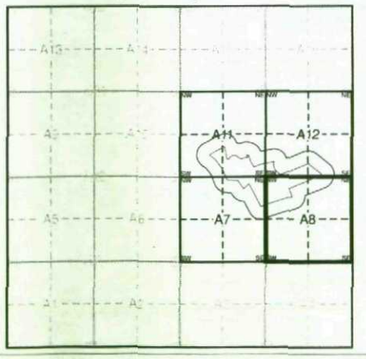
## Additional SIMs
## Published 1978 - 1991
## Source map scale - 1:1,250

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 A8



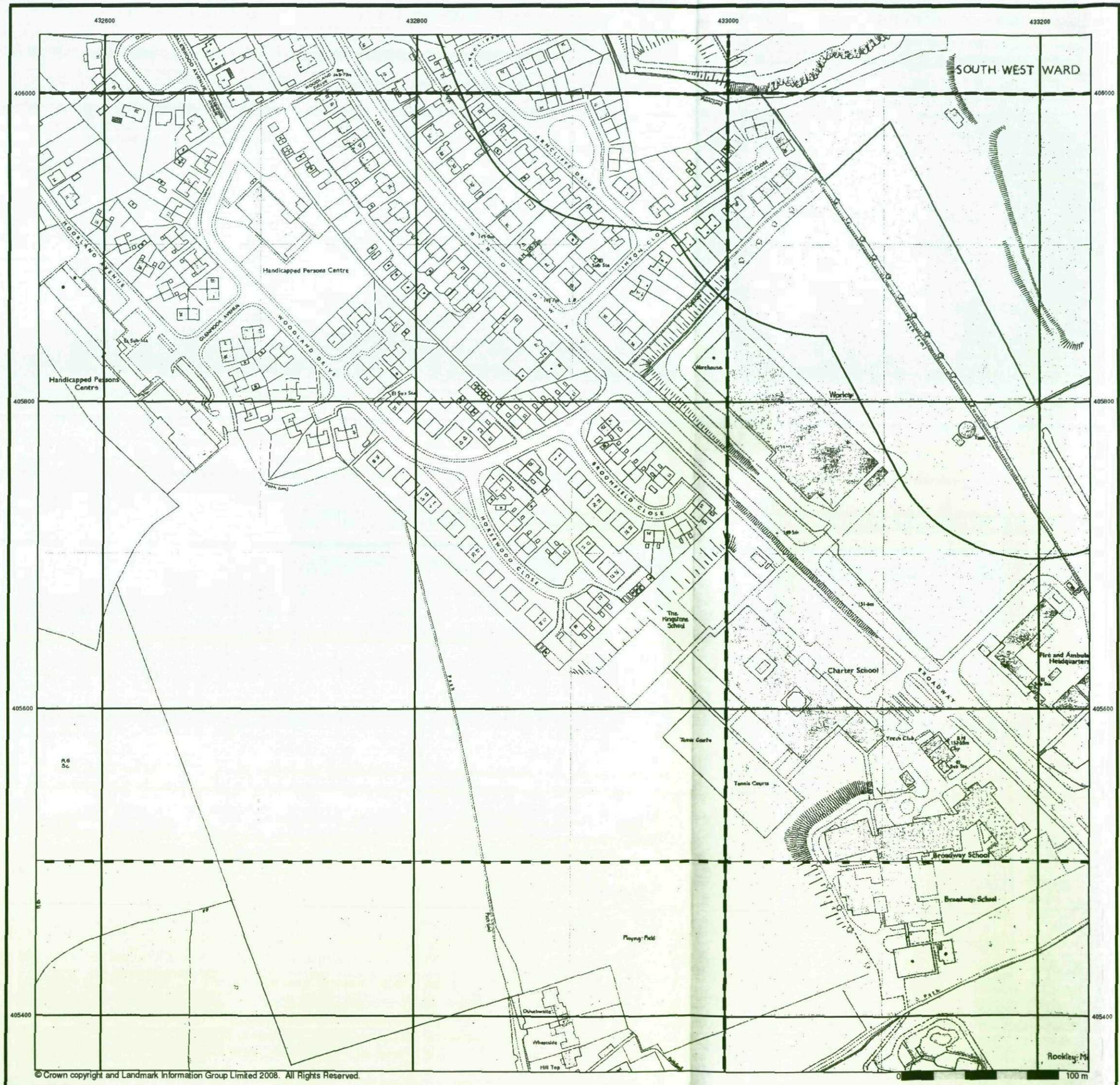

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| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
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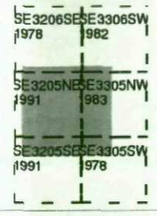

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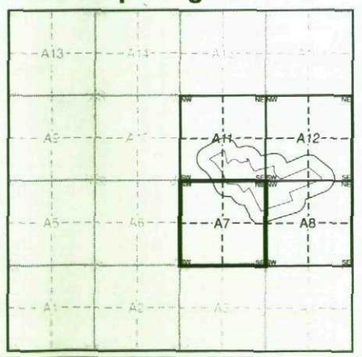
## Additional SIMs
## Published 1978 - 1991
## Source map scale - 1:1,250

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 A7




### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
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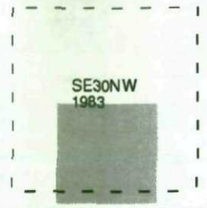

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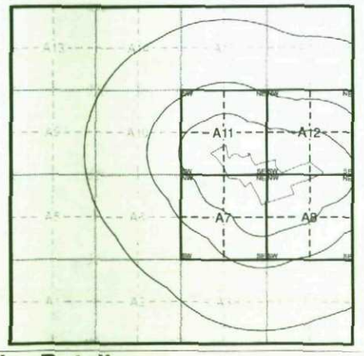
## Ordnance Survey Plan
## Published 1983
## Source map scale - 1:10,000

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: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

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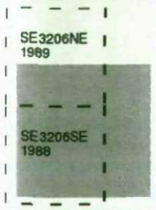

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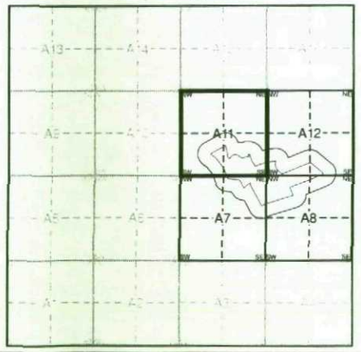
## Ordnance Survey Plan
## Published 1988 - 1989
## Source map scale - 1:1,250

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

### Map Name(s) and Date(s)




### Historical Map - Segment A11



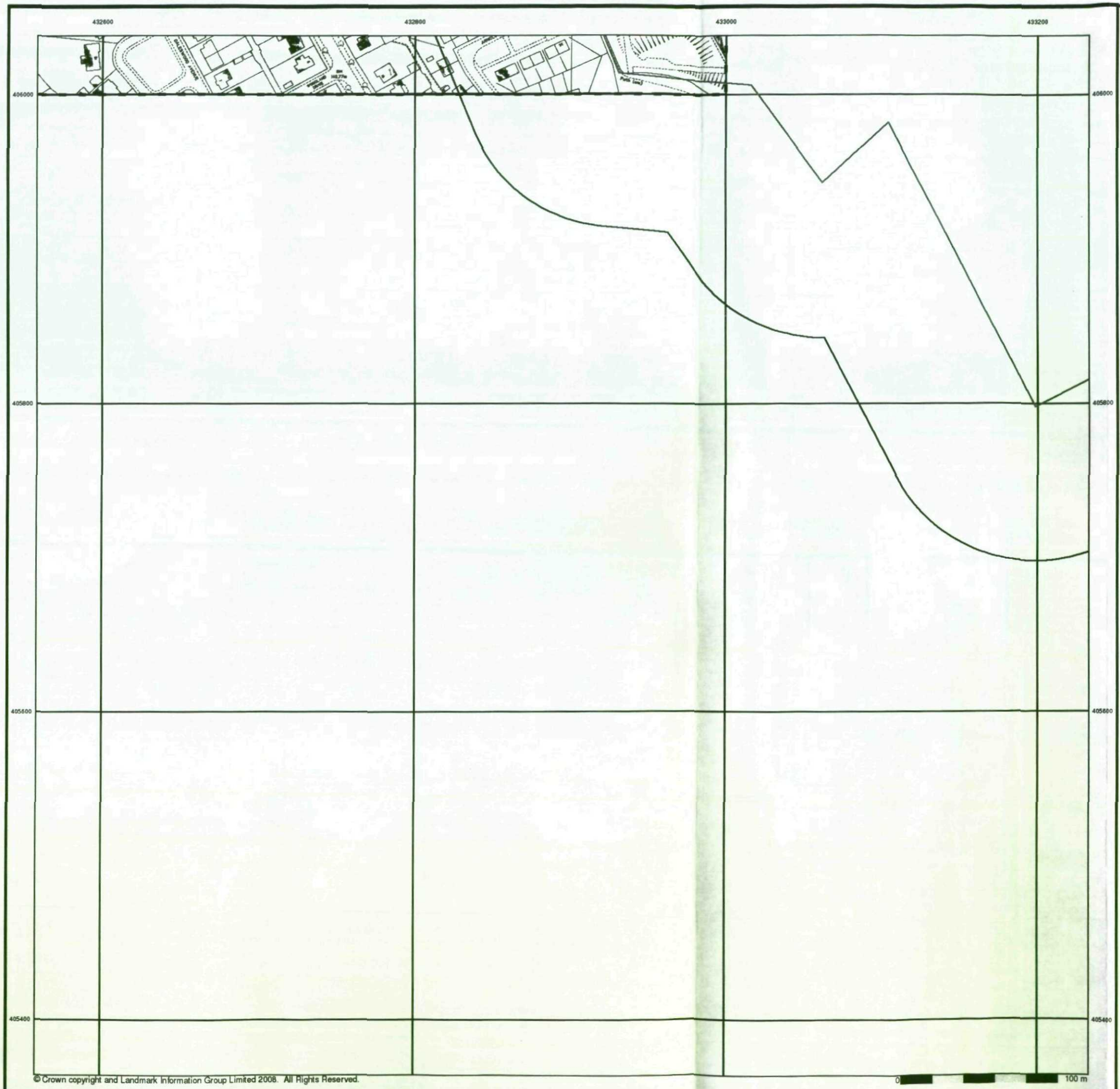

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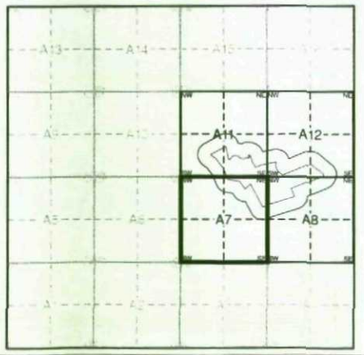
## Ordnance Survey Plan
## Published 1988
## Source map scale - 1:1,250

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### Map Name(s) and Date(s)




### Historical Map - Segment A7




### Order Details

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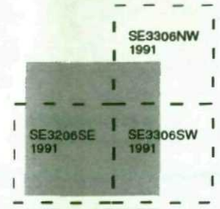

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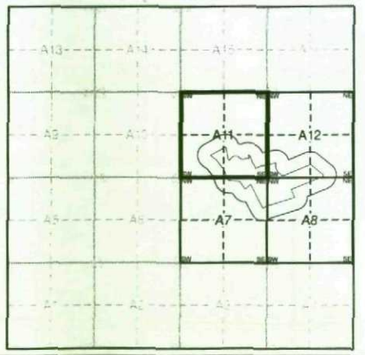
## Additional SIMs
## Published 1991
## Source map scale - 1:1,250

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### Historical Map - Segment A11



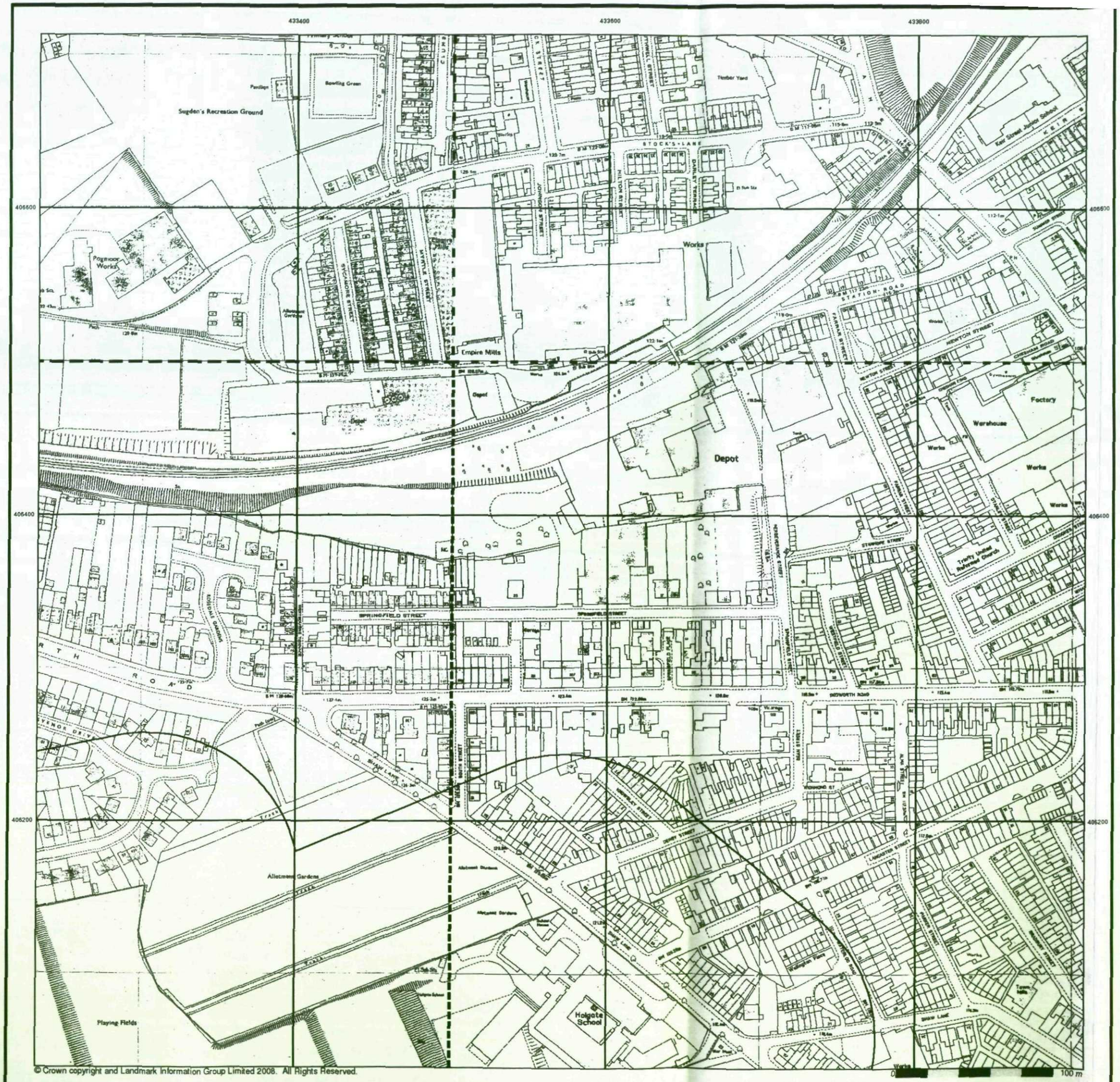

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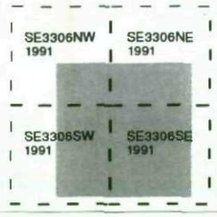

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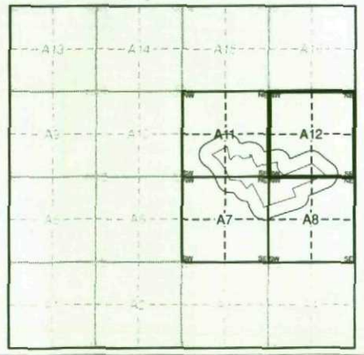
## Additional SIMs
## Published 1991
## Source map scale - 1:1,250

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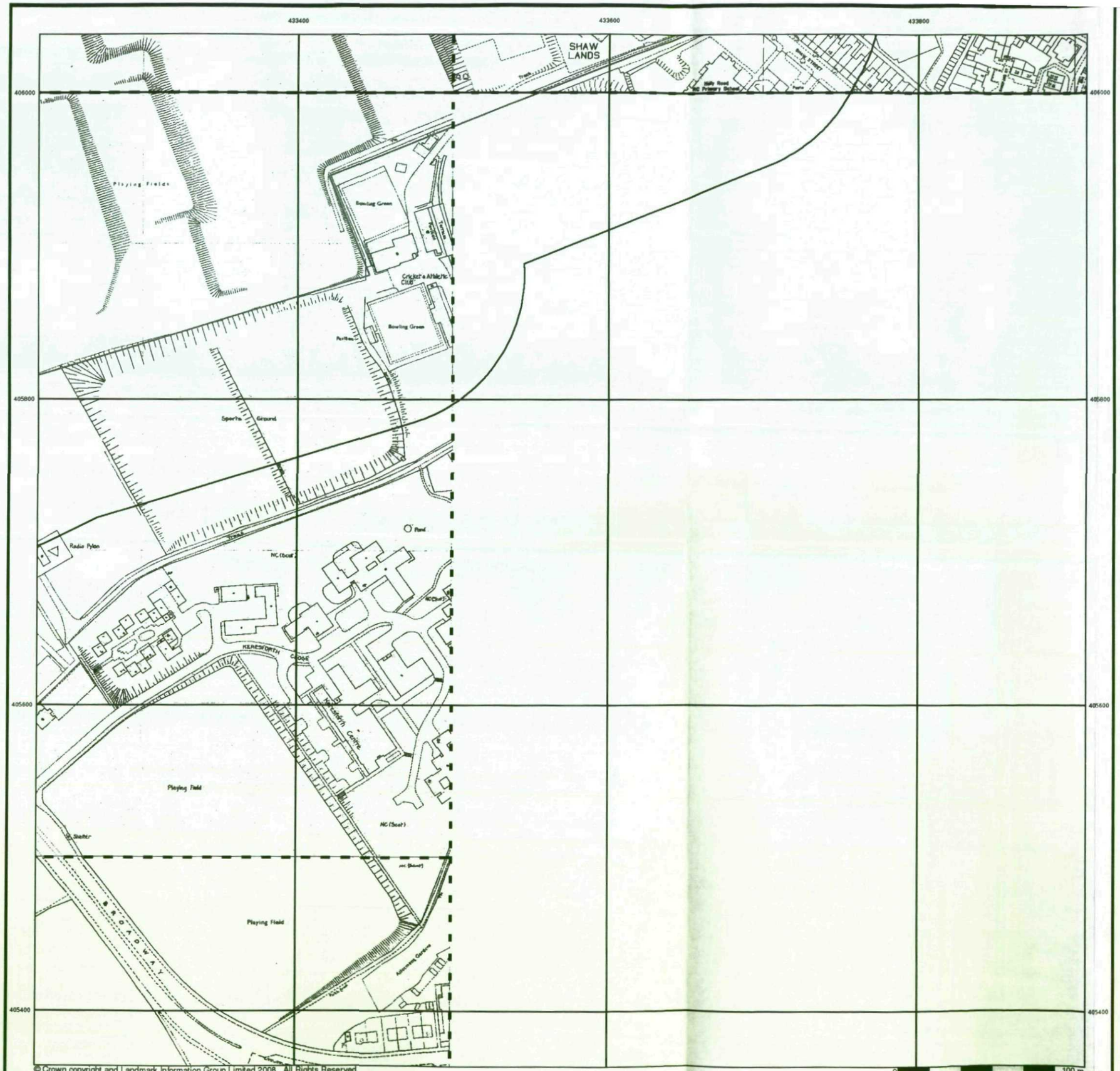

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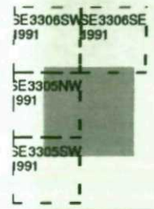

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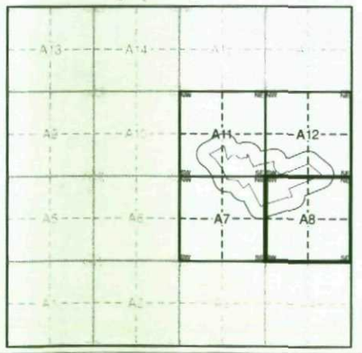
## Additional SIMs
## Published 1991
## Source map scale - 1:1,250

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 A8



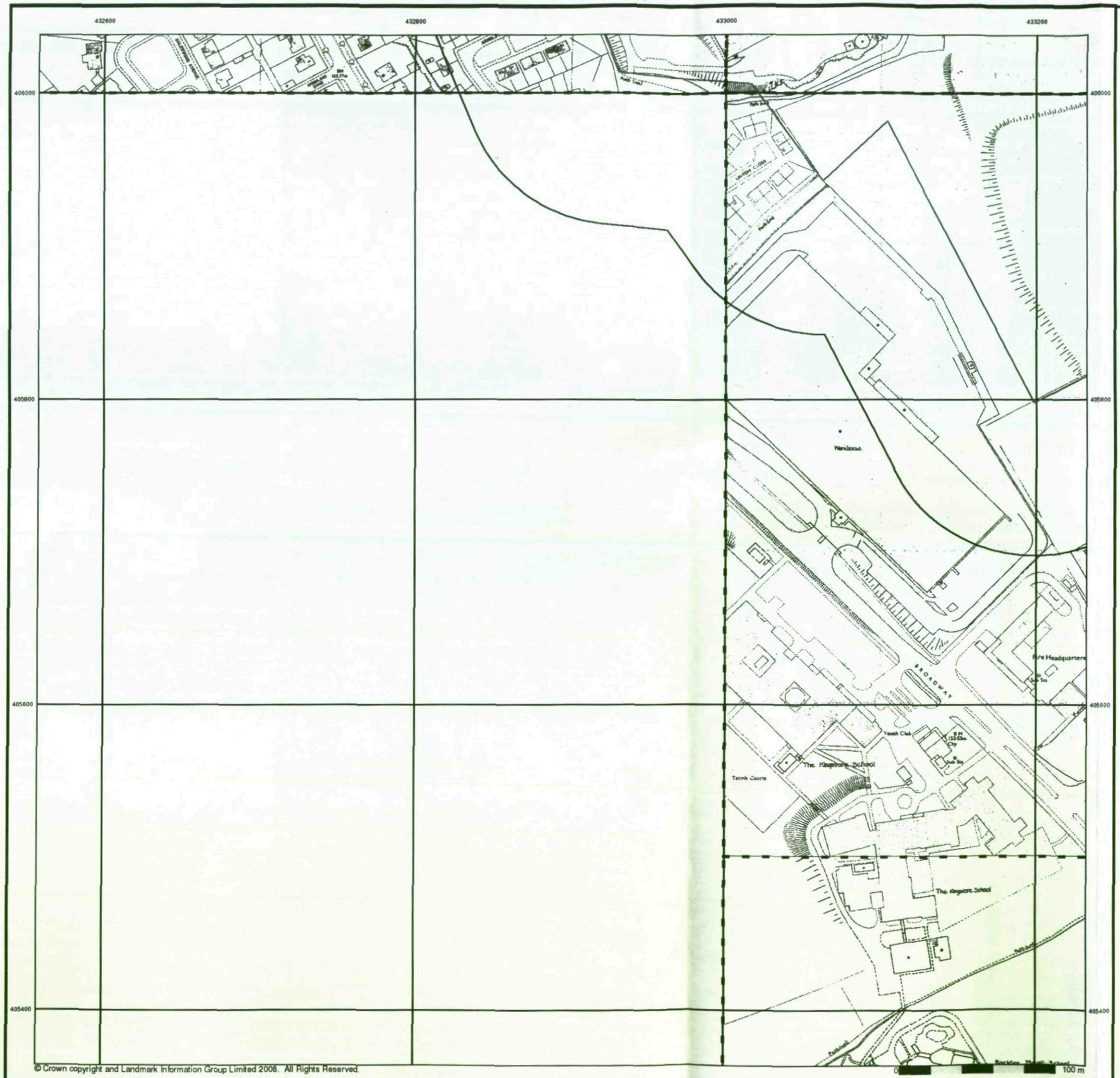

### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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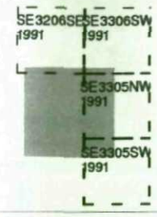

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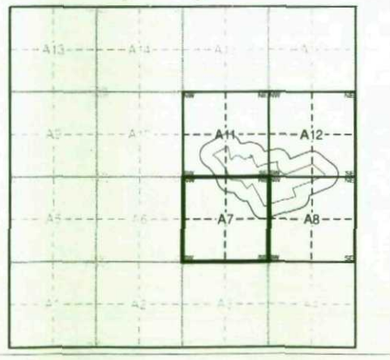
## Additional SIMs
## Published 1991
## Source map scale - 1:1,250

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 A7



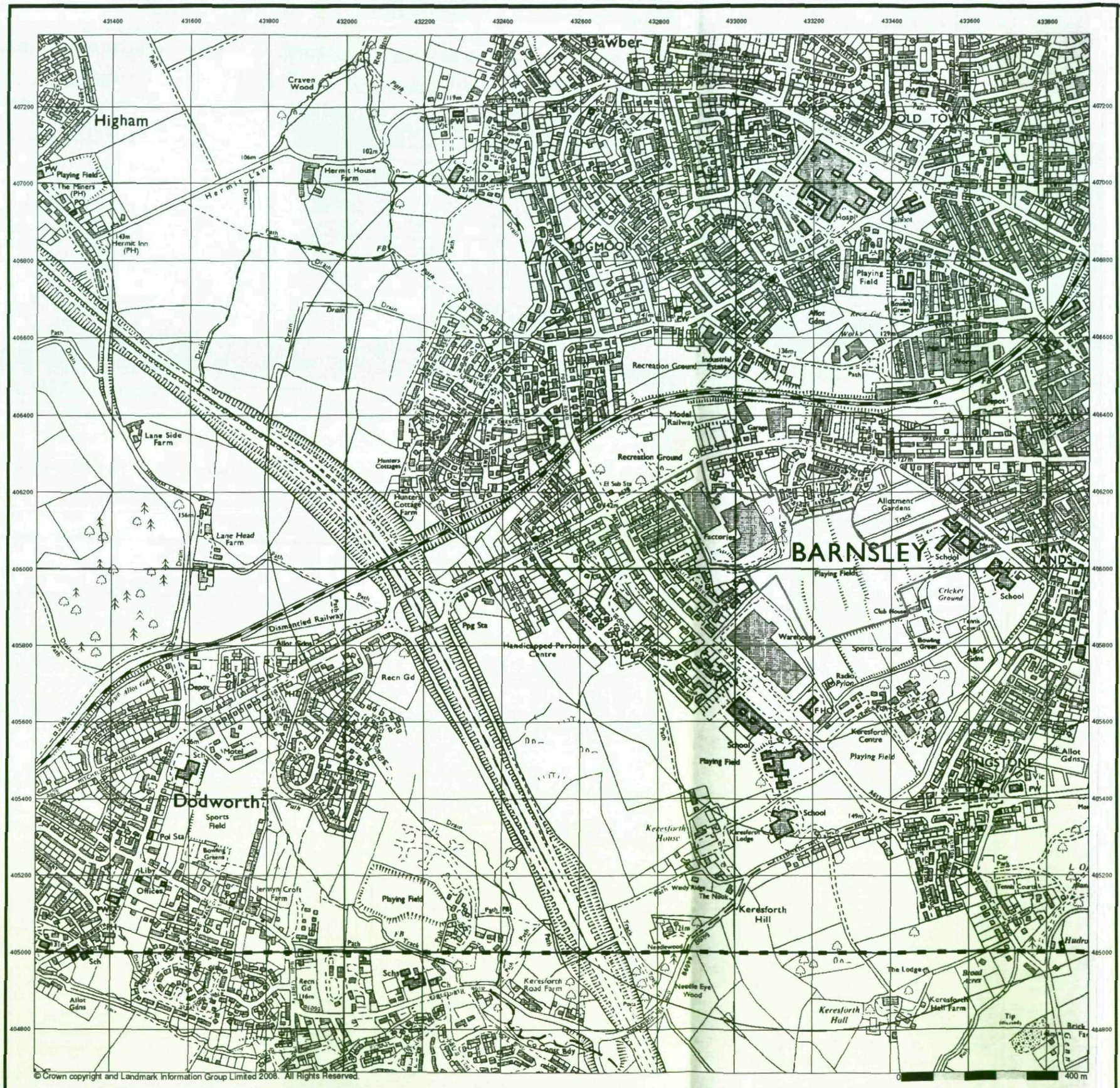

### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| *National Grid Reference:* | *432960, 406070* |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

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## Ordnance Survey Plan
## Published 1978 - 1993
## Source map scale - 1:10,000

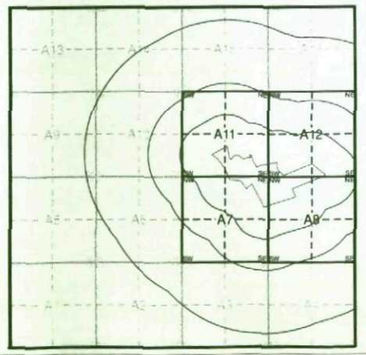
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some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

SE30NW
1993

SE30SW
1978

### Historical Map - Slice A




### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

### Site Details

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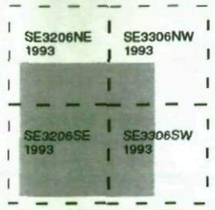

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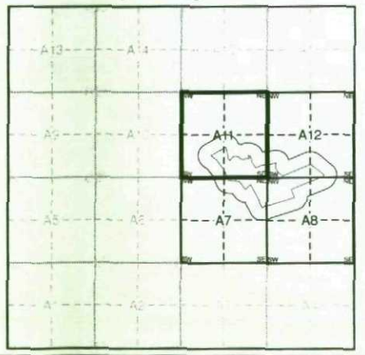
## Large-Scale National Grid Data
## Published 1993
## Source map scale - 1:1,250

'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)




### Historical Map - Segment A11




### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| *Search Buffer (m):* | *100* |

### Site Details

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Web: www.envirocheck.co.uk



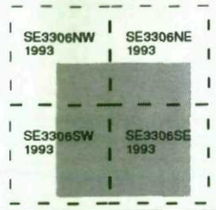

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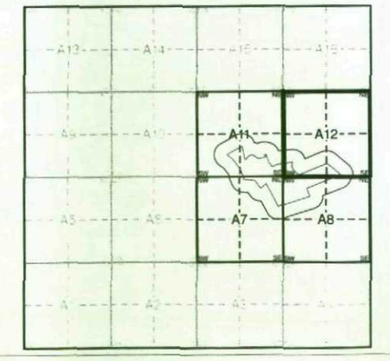
## Large-Scale National Grid Data
## Published 1993
## Source map scale - 1:1,250

'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)




### Historical Map - Segment A12




### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

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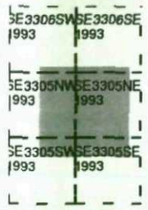
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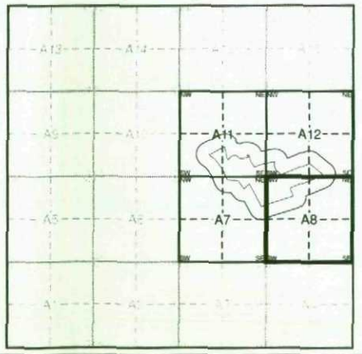
## Large-Scale National Grid Data
## Published 1993
## Source map scale - 1:1,250

'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)




### Historical Map - Segment A8



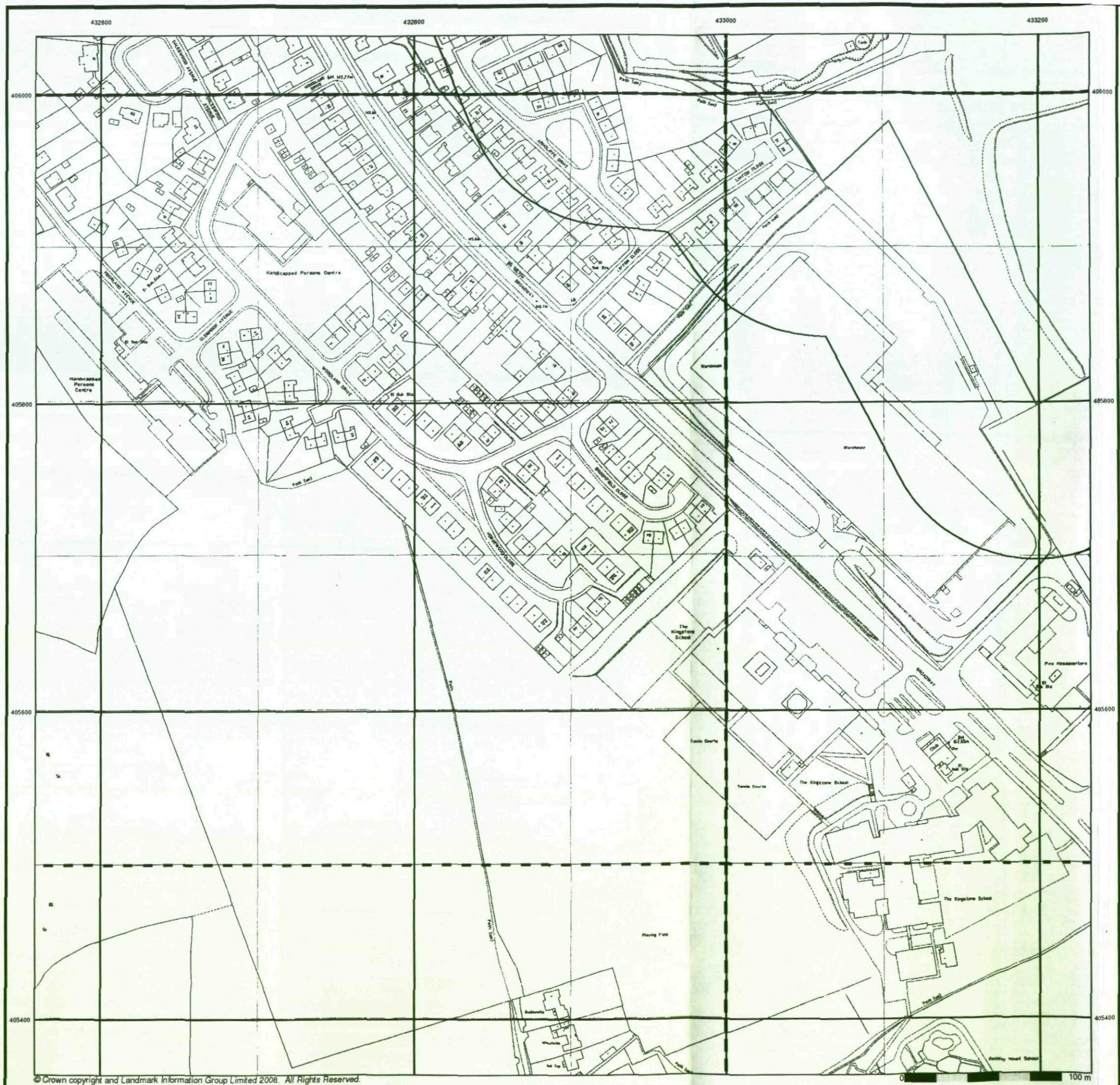

### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

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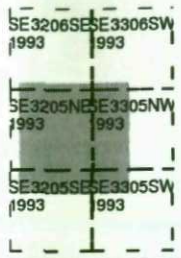

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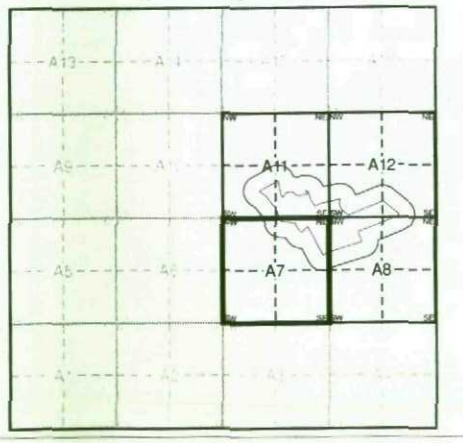
## Large-Scale National Grid Data
## Published 1993
## Source map scale - 1:1,250

'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)




### Historical Map - Segment A7




### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| *Slice:* | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 100 |

### Site Details

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## 10k Raster Mapping
## Published 2000
## Source map scale - 1:10,000

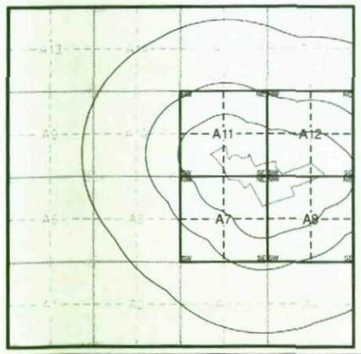
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks 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)

SE30NW 2000

SE30SW 2000

### Historical Map - Slice A




### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

### Site Details

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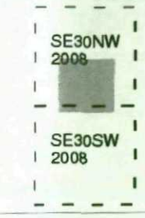



ARP GEOTECHNICAL LTD
CHARTERED CONSULTING ENGINEERS

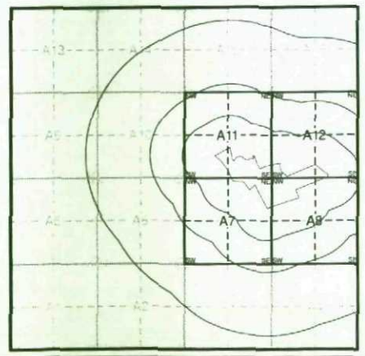
## 10k Raster Mapping
## Published 2008
## Source map scale - 1:10,000

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: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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# Historical Mapping Legends

## Ordnance Survey County Series and Ordnance Survey Plan 1:10,560

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

## Ordnance Survey Plan 1:10,000

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

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

## 1:10,000 Raster Mapping

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

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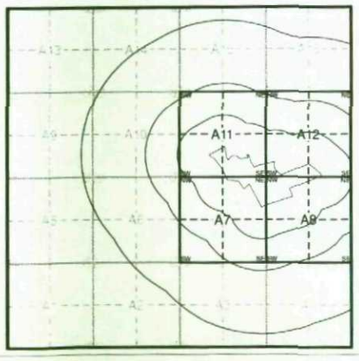
## Historical Mapping & Photography included:



| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Yorkshire | 1:10,560 | 1855 | 2 |
| Yorkshire | 1:10,560 | 1891 - 1894 | 3 |
| Yorkshire | 1:10,560 | 1907 | 4 |
| Yorkshire | 1:10,560 | 1938 | 5 |
| Ordnance Survey Plan | 1:10,560 | 1956 | 6 |
| Ordnance Survey Plan | 1:10,560 | 1965 - 1966 | 7 |
| Ordnance Survey Plan | 1:10,000 | 1973 - 1978 | 8 |
| Ordnance Survey Plan | 1:10,000 | 1978 - 1993 | 9 |
| Ordnance Survey Plan | *1:10,000* | *1983* | *10* |
| 10K Raster Mapping | 1:10,000 | 2000 | 11 |
| 10K Raster Mapping | 1:10,000 | 2008 | 12 |



## Historical Map - Slice A




## Order Details

Order Number: 26976016_1_1
Customer Ref: GLH/01
National Grid Reference: 432960, 406070
Slice: A
Site Area (Ha): 16.19
Search Buffer (m): 1000

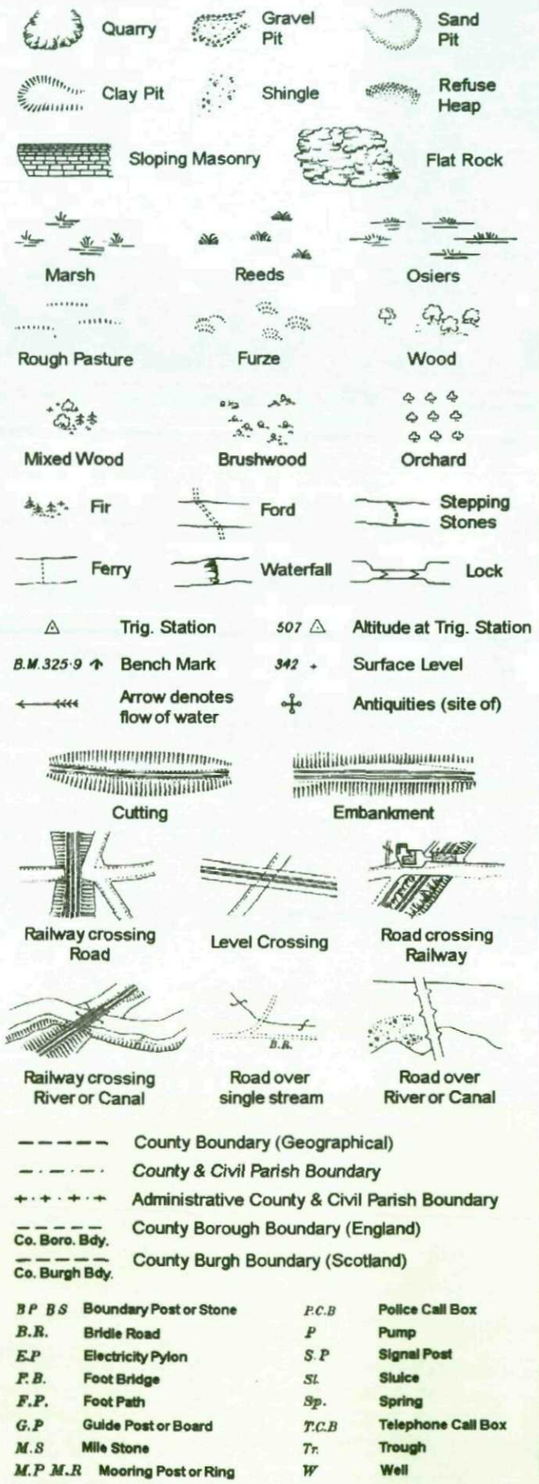
## Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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Web: www.envirocheck.co.uk

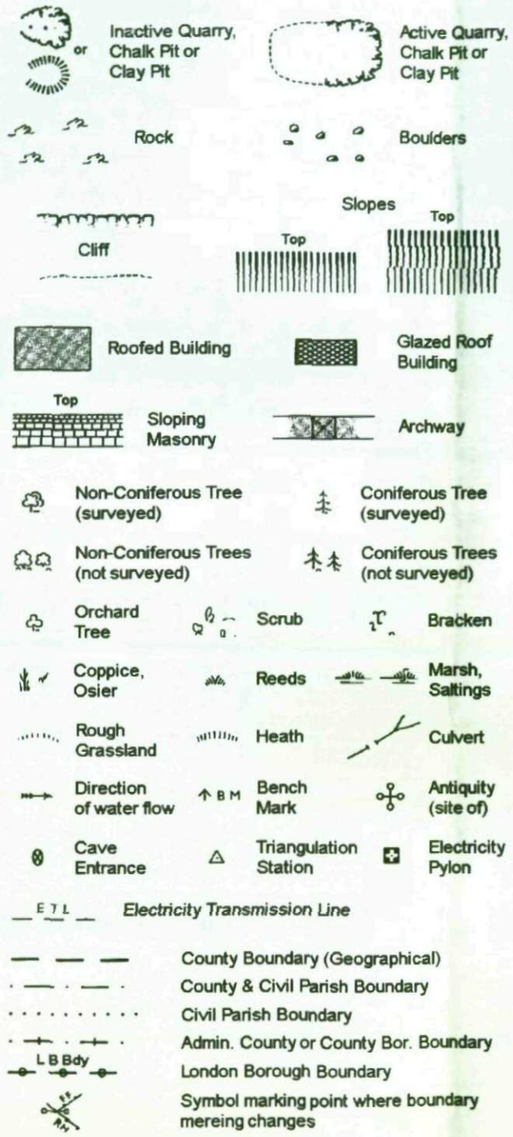
# Historical Mapping Legends

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



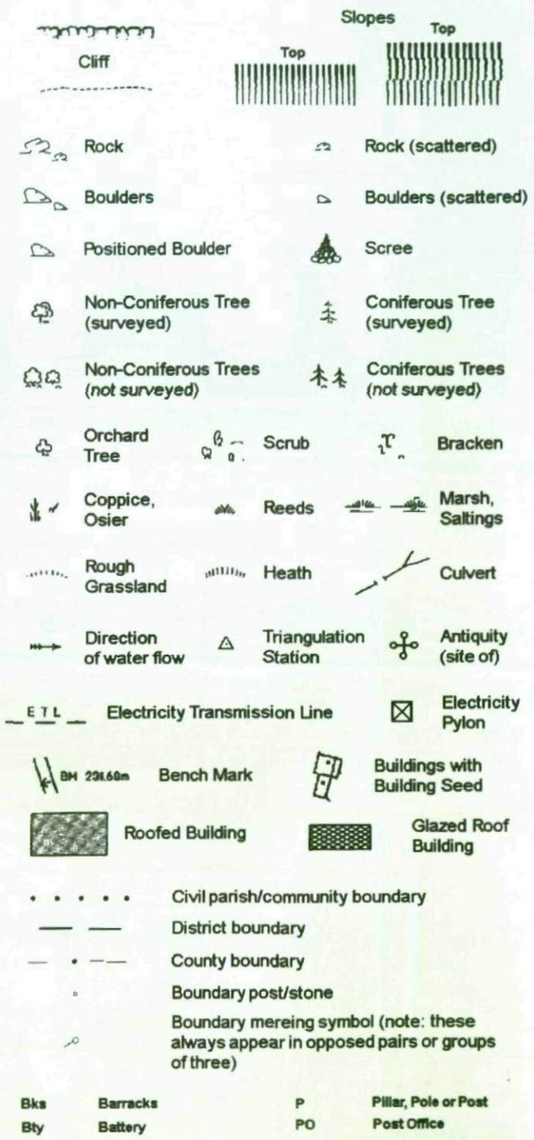

| | | | |
|---|---|---|---|
| B P B S | Boundary Post or Stone | P.C.B | Police Call Box |
| B.R. | Bridle Road | P | Pump |
| E.P | Electricity Pylon | S.P | Signal Post |
| F.B. | Foot Bridge | Sl. | Sluice |
| F.P. | Foot Path | Sp. | Spring |
| G.P | Guide Post or Board | T.C.B | Telephone Call Box |
| M.S | Mile Stone | Tr. | Trough |
| M.P M.R | Mooring Post or Ring | W | Well |

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




| | | | |
|---|---|---|---|
| BH | Beer House | P | Pillar, Pole or Post |
| BP, BS | Boundary Post or Stone | PO | Post Office |
| Cn, C | Capstan, Crane | PC | Public Convenience |
| Chy | Chimney | PH | Public House |
| D Fn | Drinking Fountain | Pp | Pump |
| El P | Electricity Pillar or Post | SB, S Br | Signal Box or Bridge |
| FAP | Fire Alarm Pillar | SP, SL | Signal Post or Light |
| FB | Foot Bridge | Spr | Spring |
| GP | Guide Post | Tk | Tank or Track |
| H | Hydrant or Hydraulic | TCB | Telephone Call Box |
| LC | Level Crossing | TCP | Telephone Call Post |
| MH | Manhole | Tr | Trough |
| MP | Mile Post or Mooring Post | Wr Pt, Wr T | Water Point, Water Tap |
| MS | Mile Stone | W | Well |
| NTL | Normal Tidal Limit | Wd Pp | Wind Pump |

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




| | | | |
|---|---|---|---|
| Bks | Barracks | P | Pillar, Pole or Post |
| Bty | Battery | PO | Post Office |
| Cemy | Cemetery | PC | Public Convenience |
| Chy | Chimney | Pp | Pump |
| Cis | Cistern | Ppg Sta | Pumping Station |
| Dismtd Rly | Dismantled Railway | PW | Place of Worship |
| El Gen Sta | Electricity Generating Station | Sewage Ppg Sta | Sewage Pumping Station |
| El P | Electricity Pole, Pillar | SB, S Br | Signal Box or Bridge |
| El Sub Sta | Electricity Sub Station | SP, SL | Signal Post or Light |
| FB | Filter Bed | Spr | Spring |
| Fn / D Fn | Fountain / Drinking Ftn. | Tk | Tank or Track |
| Gas Gov | Gas Valve Compound | Tr | Trough |
| GVC | Gas Governer | Wd Pp | Wind Pump |
| GP | Guide Post | Wr Pt, Wr T | Water Point, Water Tap |
| MH | Manhole | Wks | Works (building or area) |
| MP, MS | Mile Post or Mile Stone | W | Well |

ARP GEOTECHNICAL LTD
CHARTERED CONSULTING ENGINEERS

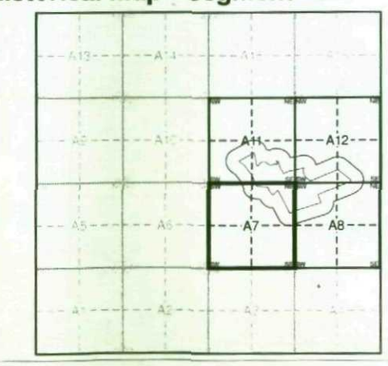
## Historical Mapping & Photography included:



| Mapping Type | Scale | Date | Pg |
|---|---|---|---|
| Yorkshire | 1:2,500 | 1893 | 2 |
| Yorkshire | 1:2,500 | 1906 | 3 |
| Yorkshire | 1:2,500 | 1931 | 4 |
| Ordnance Survey Plan | 1:1,250 | 1960 | 5 |
| Ordnance Survey Plan | 1:2,500 | 1961 | 6 |
| Ordnance Survey Plan | 1:1,250 | 1969 - 1977 | 7 |
| Ordnance Survey Plan | 1:2,500 | 1971 | 8 |
| Supply of Unpublished Survey Information | 1:1,250 | 1974 - 1975 | 9 |
| Additional SIMs | 1:1,250 | 1978 - 1991 | 10 |
| Ordnance Survey Plan | 1:1,250 | 1988 | 11 |
| Additional SIMs | 1:1,250 | 1991 | 12 |
| Large-Scale National Grid Data | 1:1,250 | 1993 | 13 |



## Historical Map - Segment A7




## Order Details

Order Number: 26976016_1_1
Customer Ref: GLH/01
National Grid Reference: 432960, 406070
Slice: A
Site Area (Ha): 16.19
Search Buffer (m): 100

## Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP


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

# APPENDIX C

# COAL MINING REPORT

The Coal Authority

Issued by:
The Coal Authority, Mining Reports Office, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire NG18 4RG
On-Line Service: www.coalminingreports.co.uk - Phone: 0845 762 6848 - DX 716176 MANSFIELD 5

CUSTOMER SERVICES,
LANDMARK INFORMATION GROUP LIMITED,
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SOWTON INDUSTRIAL ESTATE,
EXETER,
DEVON,
EX2 7HY

| | |
|---|---|
| Person dealing with this matter: | **Darren Moody** |
| Our reference: | **00078475-08** |
| Your reference: | 26976016 |
| Electronic Ref: | EME_00010855800003_005 |
| RRUID: | 005.00010855800003 |
| Date of your enquiry: | **19 December 2008** |
| Date we received your enquiry: | **19 December 2008** |
| Date of issue: | **23 December 2008** |

This report is for the property described in the address below and the attached plan.

## Coal and Brine Report

## Site At Holgate School, Shaw Lane, Barnsley, Lancashire

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.

| | |
|---|---|
| Coal mining | Yes |
| Brine extraction | No |

## *Information from the Coal Authority*

### Underground Coal Mining

#### Past

The property is in the likely zone of influence from workings in 9 seams of coal at shallow to 330m depth, and last worked in 1972.

#### Present

The property is not in the likely zone of influence of any present underground coal workings.

#### Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

The property is not in an area for which a licence has been granted to remove coal using underground methods.

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The property is not in an area that is likely to be affected at the surface from any planned future workings.

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

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

## Mine entries

Within, or within 20 metres of, the boundary of the property there are 3 mine entries, the approximate positions of which are shown on the attached plan.

There is no record of what steps, if any, have been taken to treat the mine entries.

Records may be incomplete. Consequently, there may exist in the local area mine entries of which the Coal Authority has no knowledge.

## Coal-mining geology

At the surface, there are no known faults or other lines of weakness due to coal mining that have made the property unstable.

## Opencast Coal Mining

### Past

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

### Present

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

### Future

The property is not within 800 metres of the boundary of an opencast site for which the Coal Authority is determining whether to grant a licence to remove coal by opencast methods.

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.

## Coal-mining subsidence

A damage notice or claim for alleged subsidence damage was given, made or pursued in April 1993. The claim was discharged by repair.

A damage notice or claim for alleged subsidence damage was given, made or pursued in June 1987. The claim was discharged by repair.

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

The Coal Authority has not received a request to carry out preventive work before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

## Mine gas

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

## 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.

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### Withdrawal of Support

The property is in an area for which notices of entitlement to withdraw support were published in 1950,1950.

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

### Working Facilities Orders

The property is not in an area for which 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.

### Payments to Owners of Former Copyhold Land

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

### Comments on Coal Authority information

In view of the mining circumstances a prudent developer would seek appropriate technical advice before any works are undertaken.

Therefore if development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply good engineering practice developed for mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or mines of coal without the permission of the Coal Authority. Developers should be aware that the investigation of coal seams/ former mines of coal may have the potential to generate and/or displace underground gases and these risks both under and adjacent to the development should be fully considered in developing any proposals. The need for effective measures to prevent gases entering into public properties either during investigation or after development also needs to be assessed and properly addressed. This is necessary due to the public safety implications of any development in these circumstances.

A site investigation was carried out in 2003 by South Yorkshire Mining Advisory Service. Barnsley Metropolitan Borough Council, Central Offices, Kendray Street, Barnsley, S70 2TN .

## *Information from the Cheshire Brine Subsidence Compensation Board*

The property lies outside the Cheshire Brine Compensation District.

### Additional remarks

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 2006. The report is compliant with Home Information Pack requirements.

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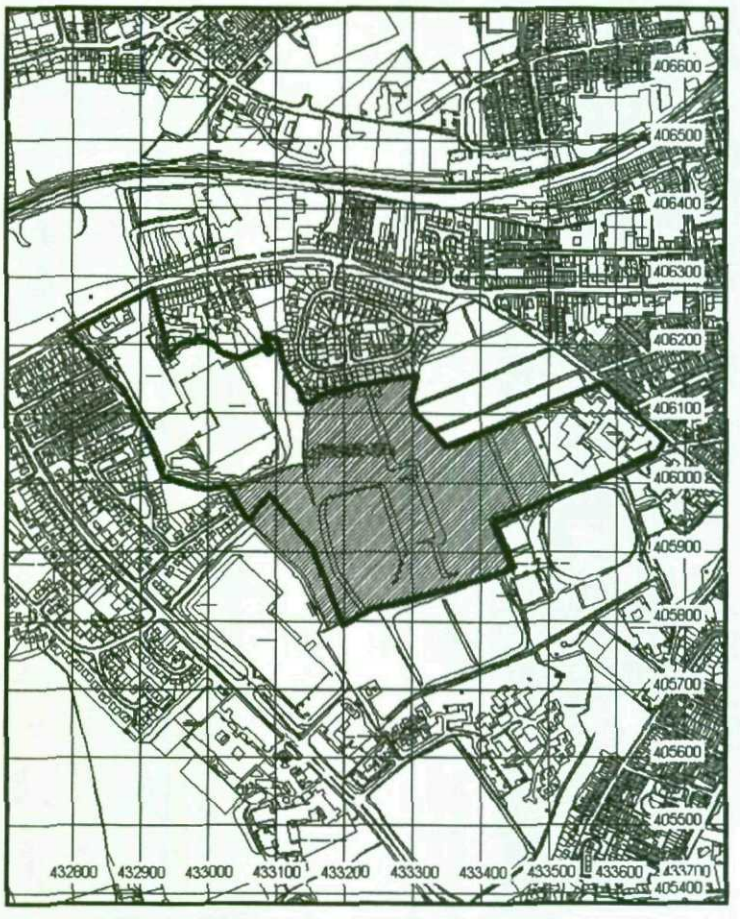
## *Location map*

Approximate position of property




## *Enquiry boundary*

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Key

Approximate position of enquiry boundary shown

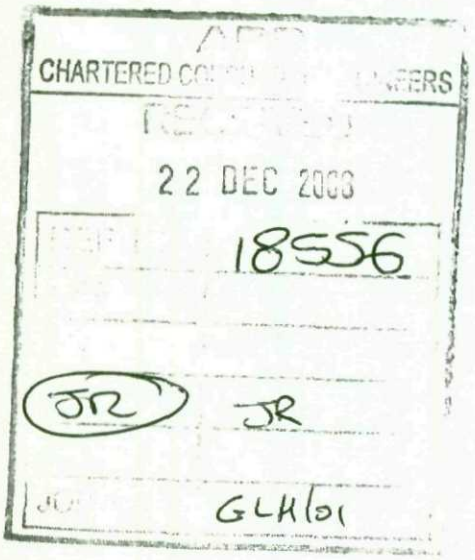
Coal Authority mining subsidence claim boundary shown

Disused Adit or Mineshaft

Mapping sourced from Ordnance Survey

# APPENDIX D

# ENVIROCHECK REPORT




# Envirocheck® Report: Datasheet

## Order Details:

**Order Number:**
26976016_1_1

**Customer Reference:**
GLH/01

**National Grid Reference:**
432960, 406070

**Slice:**
A

**Site Area (Ha):**
16.19

**Search Buffer (m):**
1000

## Site Details:

Holgate School
Shaw Lane
BARNSLEY
South Yorkshire
S70 6EP

## Client Details:

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

# Contents


| Report Section | Page Number |
|---|---|
| Summary | - |
| Agency & Hydrological | 1 |
| Waste | 13 |
| Hazardous Substances | - |
| Geological | 19 |
| Industrial Land Use | 22 |
| Sensitive Land Use | 25 |
| Data Currency | 26 |
| Data Suppliers | 30 |
| Useful Contacts | 31 |


**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 and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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**Report Version v36.0**

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Agency & Hydrological** | | | | | |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 1 | | | 1 | 18 |
| Enforcement and Prohibition Notices | | | | | |
| Integrated Pollution Controls | pg 5 | | | 4 | |
| Integrated Pollution Prevention And Control | pg 6 | | | 1 | |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | pg 6 | | 2 | 3 | 2 |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | pg 7 | Yes | | | |
| Pollution Incidents to Controlled Waters | pg 7 | 1 | | 3 | 4 |
| Prosecutions Relating to Authorised Processes | | | | | |
| Prosecutions Relating to Controlled Waters | | | | | |
| Registered Radioactive Substances | pg 9 | | | | 11 |
| River Quality | | | | | |
| River Quality Biology Sampling Points | | | | | |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | | | | | |
| Water Abstractions | pg 10 | | 4 | | 1 |
| Water Industry Act Referrals | | | | | |
| Groundwater Vulnerability | pg 11 | Yes | n/a | n/a | n/a |
| Source Protection Zones | | | | | |
| Extreme Flooding from Rivers or Sea without Defences | | | | n/a | n/a |
| Flooding from Rivers or Sea without Defences | | | | n/a | n/a |
| Areas Benefiting from Flood Defences | | | | n/a | n/a |
| Flood Water Storage Areas | | | | n/a | n/a |
| Flood Defences | | | | n/a | n/a |
| **Waste** | | | | | |
| BGS Recorded Landfill Sites | pg 13 | 1 | | | |
| Historical Landfill Sites | pg 13 | 2 | 4 | 2 | |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste Management Facilities (Landfill Boundaries) | | | | | |
| Licensed Waste Management Facilities (Locations) | pg 15 | | | 1 | |
| Local Authority Recorded Landfill Sites | pg 15 | 1 | 4 | 2 | |
| Registered Landfill Sites | pg 16 | | | 3 | |
| Registered Waste Transfer Sites | pg 17 | | 1 | | |
| Registered Waste Treatment or Disposal Sites | pg 17 | | | 1 | 1 |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **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 Recorded Mineral Sites | pg 19 | 3 | 1 | 2 | 3 |
| BGS 1:625,000 Solid Geology | pg 20 | Yes | n/a | n/a | n/a |
| Brine Compensation Area | | | n/a | n/a | n/a |
| Coal Mining Affected Areas | pg 20 | Yes | n/a | n/a | n/a |
| Mining Instability | pg 20 | Yes | n/a | n/a | n/a |
| Natural and Mining Cavities | | | | | |
| Potential for Collapsible Ground Stability Hazards | | | | 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 20 | 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 21 | Yes | Yes | n/a | n/a |
| Radon Potential - Radon Affected Areas | | Yes | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | | | n/a | n/a | n/a |
| Shallow Mining Hazards | pg 21 | Yes | Yes | n/a | n/a |
| **Industrial Land Use** | | | | | |
| Contemporary Trade Directory Entries | pg 22 | 2 | 22 | n/a | n/a |
| Fuel Station Entries | pg 24 | 1 | 1 | 1 | |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Sensitive Land Use** | | | | | |
| Areas of Adopted Green Belt | pg 25 | | | 1 | |
| 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 25 | 1 | | | |
| *Ramsar Sites* | | | | | |
| Sites of Special Scientific Interest | | | | | |
| Special Areas of Conservation | | | | | |
| Special Protection Areas | | | | | |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 1 | **Discharge Consents**<br>Operator: 46 Farmhouse Lane<br>Property Type: Undefined Or Other<br>Location: 46 Farmhouse Lane, Pogmoor, Barnsley, South Yorkshire, S75 2lh<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wr38<br>Permit Version: 1<br>Effective Date: 9th February 1966<br>Issued Date: 9th February 1966<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Soakaway<br>**Status:** **Transferred from Water Resources Act 1963**<br>Positional Accuracy: Located by supplier to within 100m | A15SW (N) | 498 | 1 | 432750 406750 |
| 2 | **Discharge Consents**<br>Operator: Mr David & Mrs Peggy A. Hudson<br>Property Type: Undefined Or Other<br>Location: Proposed Bungalow Farmhouse Lane, Pogmoor, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 2118<br>Permit Version: 1<br>Effective Date: 27th July 1966<br>Issued Date: 27th July 1966<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Red Brook<br>**Status:** **Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A10NE (NW) | 517 | 1 | 432400 406550 |
| 3 | ***Discharge Consents***<br>Operator: Danaford Ltd<br>Property Type: Domestic Property (Single)<br>Location: Keresforth House Dark Lane, Off Keresforth Hill Road, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3815<br>Permit Version: 3<br>Effective Date: 15th November 2006<br>Issued Date: 15th November 2006<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Tributary Of Dodworth Dyke<br>**Status:** **Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 537 | 1 | 433000 405300 |
| 3 | **Discharge Consents**<br>Operator: Danaford Ltd<br>Property Type: Domestic Property (Single)<br>Location: Keresforth House Dark Lane, Off Keresforth Hill Road, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3815<br>Permit Version: 2<br>Effective Date: 16th January 1985<br>Issued Date: 16th January 1985<br>Revocation Date: 14th November 2006<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge *Environment:* Freshwater Stream/River<br>Receiving Water: Tributary Of Dodworth Dyke<br>**Status:** **Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 537 | 1 | 433000 405300 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 3 | **Discharge Consents**<br>Operator: Danaford Ltd<br>Property Type: Domestic Property (Single)<br>Location: Keresforth House Dark Lane, Off Keresforth Hill Road, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3815<br>Permit Version: 1<br>Effective Date: 3rd September 1984<br>Issued Date: 3rd September 1984<br>Revocation Date: 15th January 1985<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Tributary Of Dodworth Dyke<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 537 | 1 | 433000 405300 |
| 4 | **Discharge Consents**<br>Operator: David Farrar<br>Property Type: Domestic Property (Single)<br>Location: Greengates, Dark Lane, Barnsley, South Yorkshire, S70 6re<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wra8313<br>Permit Version: 1<br>Effective Date: 30th March 2004<br>Issued Date: 30th March 2004<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Dodworth Dyke<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 581 | 1 | 432900 405300 |
| 4 | **Discharge Consents**<br>Operator: Mr & Mrs Sykes<br>Property Type: Domestic Property (Single)<br>Location: 1 Bramley Carr, Keresforth Hill, Barnsley, South Yorkshire, S70 6rx<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wra8056<br>Permit Version: 1<br>Effective Date: 3rd September 2003<br>Issued Date: 3rd September 2003<br>Revocation Date: 22nd September 2003<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 581 | 1 | 432900 405300 |
| 5 | **Discharge Consents**<br>Operator: Mr & Mrs Sykes<br>Property Type: Domestic Property (Single)<br>Location: 1 Bramley Carr, Keresforth Hill, Barnsley, South Yorkshire, S70 6rx<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wra8056<br>Permit Version: 2<br>Effective Date: 23rd September 2003<br>Issued Date: 23rd September 2003<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Land/Soakaway<br>Receiving Water: Land<br>**Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | A3NE (S) | 621 | 1 | 433000 405210 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 6 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Undefined Or Other<br>Location: M1 Motorway Sps, Dodworth, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wadc311<br>Permit Version: 1<br>Effective Date: 2nd November 1989<br>Issued Date: 2nd November 1989<br>Revocation Date: 27th February 2003<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Brough Green Brook<br>**Status: Transferred from Water Act 1989**<br>Positional Accuracy: Located by supplier to within 100m | A6NE (W) | 622 | 1 | 432280 405860 |
| 7 | **Discharge Consents**<br>Operator: Cherry Trees<br>Property Type: Sewage Disposal Works - Other<br>Location: Cherry Trees, Dark Lane, Barnsley, South Yorkshire, S70 6re<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: Wra7645<br>Permit Version: 1<br>Effective Date: 20th November 2000<br>Issued Date: 20th November 2000<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Dodworth Dyke<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | A3NE (S) | 629 | 1 | 432910 405240 |
| 8 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Undefined Or Other<br>Location: Harden Close Pumping Station Pogmoor, Barnsley, South Yorkshire, England<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>*Reference: Wra7686*<br>Permit Version: 1<br>Effective Date: 6th March 2001<br>Issued Date: 6th March 2001<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Pumping Station - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Red Brook<br>**Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 10m | A10NE (NW) | 652 | 1 | 432300 406640 |
| 8 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Pumping Staions<br>Location: Harden Close Sps, Harden Close, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: WADC203<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm sewage overflow discharge<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: River Dearne<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | A10NE (NW) | 653 | 1 | 432290 406630 |

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| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 9 | **Discharge Consents**<br>Operator: Mrs A. C. Vernon-Wentworth, C/O Nuttall & Partners<br>Property Type: Undefined Or Other<br>Location: Dark Lane Development, Off Keresforth Hill Road, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3630<br>Permit Version: 3<br>Effective Date: 10th October 1997<br>Issued Date: 10th October 1997<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Dodworth Dyke<br>**Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 726 | 1 | 433000 405100 |
| 9 | **Discharge Consents**<br>Operator: Wortley Construction Ltd<br>Property Type: Undefined Or Other<br>Location: Dark Lane Development, Off Keresforth Hill Road, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3630<br>Permit Version: 3<br>Effective Date: 10th October 1997<br>Issued Date: 10th October 1997<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Dodworth Dyke<br>**Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 726 | 1 | 433000 405100 |
| 9 | **Discharge Consents**<br>Operator: Mrs A. C. Vernon-Wentworth, C/O Nuttall & Partners<br>Property Type: Undefined Or Other<br>Location: Dark Lane Development, Off Keresforth Hill Road, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3630<br>Permit Version: 2<br>Effective Date: 26th April 1983<br>Issued Date: 26th April 1983<br>Revocation Date: 9th October 1997<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Dodworth Dyke<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 726 | 1 | 433000 405100 |
| 9 | **Discharge Consents**<br>Operator: Wortley Construction Ltd<br>Property Type: Undefined Or Other<br>Location: Dark Lane Development, Off Keresforth Hill Road, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3630<br>Permit Version: 2<br>Effective Date: 26th April 1983<br>Issued Date: 26th April 1983<br>Revocation Date: 9th October 1997<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Dodworth Dyke<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 726 | 1 | 433000 405100 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 9 | **Discharge Consents**<br>Operator: Mrs A. C. Vernon-Wentworth, C/O Nuttall & Partners<br>Property Type: Undefined Or Other<br>Location: Dark Lane Development, Off Keresforth Hill Road, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3630<br>Permit Version: 1<br>Effective Date: 29th June 1982<br>Issued Date: 29th June 1982<br>Revocation Date: 25th April 1983<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Dodworth Dyke<br>**Status:** **Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 726 | 1 | 433000 405100 |
| 9 | **Discharge Consents**<br>Operator: Wortley Construction Ltd<br>Property Type: Undefined Or Other<br>Location: Dark Lane Development, Off Keresforth Hill Road, Barnsley, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 3630<br>Permit Version: 1<br>Effective Date: 29th June 1982<br>Issued Date: 29th June 1982<br>Revocation Date: 25th April 1983<br>*Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company*<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Dodworth Dyke<br>**Status:** **Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S) | 726 | 1 | 433000 405100 |
| 10 | **Discharge Consents**<br>Operator: Respite Options (Barnsley) Limited<br>Property Type: Undefined Or Other<br>Location: Barnsley Metropolitan Borough Counc, Il Needlewood Assessment Centre, Barnsley<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: C5045<br>Permit Version: 1<br>Effective Date: 12th April 1988<br>Issued Date: 12th April 1988<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Dodworth Dike<br>**Status:** **Transferred from COPA 1974**<br>Positional Accuracy: Located by supplier to within 100m | A3NW (S) | 805 | 1 | 432800 405100 |
| 11 | **Integrated Pollution Controls**<br>Name: Royston Lead Ltd<br>Location: Pogmoor Works, Stocks Lane, BARNSLEY, South Yorkshire, S75 2DS<br>Authority: Environment Agency, North East Region<br>Permit Reference: BB9539<br>Dated: 30th October 1998<br>Process Type: IPC new application<br>Description: 2.2 A (E) Non-ferrous Metal processes within the Metal Industry<br>**Status:** **Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A12NW (NE) | 411 | 1 | 433299 406568 |
| 11 | **Integrated Pollution Controls**<br>Name: Royston Lead Ltd<br>Location: Pogmoor Works, Stocks Lane, BARNSLEY, South Yorkshire, S75 2DS<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bi5710<br>Dated: 30th May 2000<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 2.2 A (E) Non-ferrous Metal processes within the Metal Industry<br>**Status:** **Revoked - Now IPPC**<br>Positional Accuracy: Automatically positioned to the address | A12NW (NE) | 413 | 1 | 433294 406573 |

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| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 11 | **Integrated Pollution Controls**<br>Name: Royston Lead<br>Location: Pogmoor Works, Stocks Lane, BARNSLEY, South Yorkshire, S75 2DS<br>Authority: Environment Agency, North East Region<br>Permit Reference: AN6671<br>Dated: 27th June 1994<br>Process Type: Application since found to be exempt from IPC<br>Description: 4.1 A (B) Petrochemical processes within the Chemical Industry<br>**Status: Application since found to be exempt from IPCExempt**<br>Positional Accuracy: Automatically positioned to the address | A12NW (NE) | 413 | 1 | 433294 406573 |
| 11 | **Integrated Pollution Controls**<br>Name: Royston Lead Ltd<br>Location: Pogmoor Works, Stocks Lane, BARNSLEY, South Yorkshire, S75 2DS<br>Authority: Environment Agency, North East Region<br>Permit Reference: BE6064<br>Dated: 24th November 1998<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 2.2 A (E) Non-ferrous Metal processes within the Metal Industry<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A12NW (NE) | 415 | 1 | 433299 406573 |
| 12 | **Integrated Pollution Prevention And Control**<br>Name: Royston Lead Limited<br>Location: Royston Lead Ltd, Pogmoor Works, Stocks Lane, Barnsley, South Yorkshire, S75 2DS<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bk6408ig<br>Original Permit Ref: Bk6408ig<br>Effective Date: 28th March 2002<br>**Status: Effective**<br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 2.2 A(1) (D) (II)<br>Activity Description: Non-Ferrous Metals; Producing Etc Lead And Alloys Greater Than 23 Percent Lead (With Copper) Or 2 Percent Lead (Without)<br>Primary Activity: N<br>Activity Code: 2.2 A(1) (A)<br>*Activity Description: Non-Ferrous Metals; Producing From Raw Materials By Metallurgical Activities Etc*<br>Primary Activity: N<br>Activity Code: 2.2 A(1) (D) (I)<br>Activity Description: Non-Ferrous Metals; Producing Etc Lead And Alloys With Release To Air<br>Primary Activity: Y | A12NW (NE) | 413 | 1 | 433294 406573 |
| 13 | **Local Authority Pollution Prevention and Controls**<br>Name: Seals Packaging & Gaskets<br>Location: Shaw Lane, Barnsley, S70 6eh<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: Not Supplied<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG3/13 Asbestos processes<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Manually positioned to the road within the address or location | A12SE (E) | 84 | 2 | 433758 406063 |
| 14 | **Local Authority Pollution Prevention and Controls**<br>Name: Polar Motor Co Ltd<br>Location: Dodworth Road, BARNSLEY, South Yorkshire, S70 6PA<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: Ppc/B/37<br>Dated: 28th September 1993<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/34 Respraying of road vehicles<br>**Status: Permitted**<br>Positional Accuracy: Automatically positioned to the address | A11NE (NE) | 177 | 2 | 433107 406389 |
| 15 | **Local Authority Pollution Prevention and Controls**<br>Name: S J Autowelding<br>Location: West Road, Pogmoor, BARNSLEY, S75 2DH<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: Ppc/B/09<br>Dated: 3rd November 1997<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input<br>**Status: Permitted**<br>Positional Accuracy: Manually positioned to the road within the address or location | A11NE (N) | 331 | 2 | 433024 406590 |

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| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 16 | **Local Authority Pollution Prevention and Controls**<br>Name: Intake 1 Service Station<br>Location: Pogmoor Road, BARNSLEY, South Yorkshire, S75 2DZ<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: PPC/B/65<br>Dated: 24th May 1999<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br>**Status: Permitted**<br>Positional Accuracy: Automatically positioned to the address | A11NE (N) | 391 | 2 | 432897 406670 |
| 16 | **Local Authority Pollution Prevention and Controls**<br>Name: Crows Garage<br>Location: Pogmoor Road, Pogmoor, BARNSLEY, S75 2DZ<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: Ppc/B/06<br>Dated: 6th October 1994<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input<br>**Status: Permitted**<br>Positional Accuracy: Manually positioned to the address or location | A11NE (N) | 393 | 2 | 432896 406672 |
| 17 | **Local Authority Pollution Prevention and Controls**<br>Name: Howarth Timber Ltd<br>Location: Stocks Lane, BARNSLEY, South Yorkshire, S75 2BL<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: Ppc/B/30<br>Dated: 21st September 1992<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/2 Manufacture of timber and wood-based products<br>**Status: Permitted**<br>Positional Accuracy: Manually positioned to the address or location | A12NE (NE) | 554 | 2 | 433679 406687 |
| 18 | **Local Authority Pollution Prevention and Controls**<br>Name: Barnsley District General Hospital<br>Location: 49-51 Barnsley & District General Hospital, Gawber Road, Barnsley, South Yorkshire, S75 2PW<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: Not Supplied<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG5/1Clinical waste incineration processes under 1 tonne an hour<br>**Status: Authorisation revokedRevoked**<br>Positional Accuracy: Automatically positioned to the address | A16NW (NE) | 915 | 2 | 433450 407060 |
| | **Nearest Surface Water Feature** | A11SW (NW) | 0 | - | 432852 406195 |
| 19 | **Pollution Incidents to Controlled Waters**<br>Property Type: Textile industry<br>Location: Rear Of, Polar Motors On A628, Dodworth Road<br>Authority: Environment Agency, North East Region<br>Pollutant: Oils - Gas Oil<br>Note: No Pollution Found; No Fish Killed<br>Incident Date: 8th July 1996<br>Incident Reference: SH960458<br>Catchment Area: Dearne Tributaries<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A11SE (NW) | 0 | 1 | 432900 406100 |
| 20 | **Pollution Incidents to Controlled Waters**<br>Property Type: Industrial Premises<br>Location: Road Bridge A628, /Old Mill Bridge A61 Dearne 15<br>Authority: Environment Agency, North East Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 9th December 1993<br>Incident Reference: 149074<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A12NW (NE) | 267 | 1 | 433500 406400 |

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| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 21 | **Pollution Incidents to Controlled Waters**<br>Property Type: Industrial: Other<br>Location: West Road, Old Sough Culvert, BARNSLEY<br>Authority: Environment Agency, North East Region<br>Pollutant: Chemicals - Deicing Compounds<br>Note: No Pollution Found; No Fish Killed<br>Incident Date: 8th August 1996<br>Incident Reference: SH960354<br>Catchment Area: Dearne Tributaries<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A11NE (N) | 321 | 1 | 432900 406600 |
| 22 | **Pollution Incidents to Controlled Waters**<br>Property Type: Other General Premises<br>Location: Sough Dyke, Barnsley Centre<br>Authority: Environment Agency, North East Region<br>Pollutant: Sewage - Storm Overflow<br>Note: No Fish Killed<br>Incident Date: 28th January 1995<br>Incident Reference: SH950124<br>Catchment Area: Dearne<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A12NE (NE) | 484 | 1 | 433900 406500 |
| 23 | **Pollution Incidents to Controlled Waters**<br>Property Type: Highway/Car Park<br>Location: Markers Bridge B6273, /Darfld A635 Dearne 08<br>Authority: Environment Agency, North East Region<br>Pollutant: Chemicals - Other Inorganic<br>Note: Not Supplied<br>Incident Date: 9th November 1990<br>Incident Reference: 116600<br>Catchment Area: Not Given<br>Receiving Water: No Pollution<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A6NW (W) | 722 | 1 | 432200 405800 |
| 24 | **Pollution Incidents to Controlled Waters**<br>Property Type: Domestic/Residential<br>Location: Darfield/Source Dove(S) Afu<br>Authority: Environment Agency, North East Region<br>Pollutant: Foam/Soap Suds<br>Note: Not Supplied<br>Incident Date: 21st August 1994<br>Incident Reference: 153418<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A14SE (NW) | 766 | 1 | 432300 406800 |
| 25 | **Pollution Incidents to Controlled Waters**<br>Property Type: Water Company Sewage: Foul Sewer<br>Location: Footbridge/Footbridge Dearne 18<br>Authority: Environment Agency, North East Region<br>Pollutant: Unknown Sewage<br>Note: Not Supplied<br>Incident Date: 25th January 1992<br>Incident Reference: 130006<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A14SW (NW) | 834 | 1 | 432200 406800 |
| 26 | **Pollution Incidents to Controlled Waters**<br>Property Type: Surface Water Sewers<br>Location: Footbridge/Footbridge Dearne 18<br>Authority: Environment Agency, North East Region<br>Pollutant: Unknown Sewage<br>Note: Not Supplied<br>Incident Date: 22nd July 1991<br>Incident Reference: 124538<br>Catchment Area: Not Given<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A14SW (NW) | 908 | 1 | 432100 406800 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Pogmoor Road, BARNSLEY, South Yorkshire, S75 2EP<br>Authority: Environment Agency, North East Region<br>Permit Reference: AO2582<br>Dated: 26th September 1994<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A16SW (N) | 764 | 1 | 433247 406966 |
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Gawber Road, BARNSLEY, South Yorkshire, S75 2EP<br>*Authority: Environment Agency, North East Region*<br>Permit Reference: CA4102<br>Dated: 28th June 2006<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Substantial variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the address or location | A16SW (N) | 768 | 1 | 433246 406970 |
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Gawber Road, BARNSLEY, South Yorkshire, S75 2EP<br>Authority: Environment Agency, North East Region<br>Permit Reference: CA4129<br>Dated: 28th June 2006<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Application has been authorised and any conditions apply to the operatorAuthorised**<br>Positional Accuracy: Manually positioned to the address or location | A16SW (N) | 768 | 1 | 433246 406970 |
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Gawber Road, BARNSLEY, South Yorkshire, S75 2EP<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bi7542<br>Dated: 21st June 2000<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A16SW (N) | 769 | 1 | 433247 406971 |
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Gawber Road, BARNSLEY, South Yorkshire, S75 2EP<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bi7534<br>Dated: 21st June 2000<br>Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)<br>Description: Minor variation to a registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A16SW (N) | 769 | 1 | 433247 406971 |
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Gawber Road, BARNSLEY, South Yorkshire, S75 2EP<br>Authority: Environment Agency, North East Region<br>Permit Reference: BG6138<br>Dated: 17th August 1999<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A16SW (N) | 769 | 1 | 433247 406971 |

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Pogmoor Road, BARNSLEY, South Yorkshire, S75 2EP<br>Authority: Environment Agency, North East Region<br>Permit Reference: AB7191<br>Dated: 31st March 1991<br>Process Type: Not Supplied<br>Description: Authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A16SW (N) | 771 | 1 | 433252 406971 |
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Pogmoor Road, BARNSLEY, South Yorkshire, S75 2EP<br>Authority: Environment Agency, North East Region<br>Permit Reference: AI6720<br>Dated: 31st March 1991<br>Process Type: Not Supplied<br>Description: Registration under the Act of an open source which is also the subject of an authorisation<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A16SW (N) | 773 | 1 | 433247 406976 |
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Pogmoor Road, BARNSLEY, South Yorkshire, S75 2EP<br>Authority: Environment Agency, North East Region<br>Permit Reference: AI6762<br>Dated: 1st September 1993<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Automatically positioned to the address | A16SW (N) | 775 | 1 | 433252 406976 |
| 27 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Gawber Road, Barnsley, South Yorkshire, S75 2EP<br>Authority: Environment Agency, North East Region<br>Permit Reference: CC2771<br>Dated: 28th March 2008<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Application has been authorised and any conditions apply to the operatorAuthorised**<br>Positional Accuracy: Manually positioned to the address or location | A16SW (N) | 788 | 1 | 433247 406992 |
| 28 | **Registered Radioactive Substances**<br>Name: Barnsley Hospital Nhs Foundation Trust<br>Location: Gawber Road, Barnsley, South Yorkshire, S75 2ep<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bw5276<br>Dated: 1st December 2003<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Minor variation to authorisation under RSA<br>**Status: Authorisation superseded by a substantial or non substantial variationSuperseded**<br>Positional Accuracy: Manually positioned to the road within the address or location | A16SW (N) | 784 | 1 | 433298 406967 |
| 29 | **Water Abstractions**<br>Operator: Sheldale Developments Ltd<br>Licence Number: 2/27/08/133<br>Permit Version: 1<br>Location: Spring - Sandstone&Middle Coal Measures - Barnsley<br>Authority: Environment Agency, North East Region<br>Abstraction: Food And Drink: Water Bottling<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: 43a Shaw Lane, Barnsley, South Yorkshire<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st January 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A12SE (E) | 26 | 1 | 433700 406060 |

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 29 | **Water Abstractions**<br>Operator: Yorkshire Water Plc<br>Licence Number: 2/27/08/058<br>Permit Version: Not Supplied<br>Location: Location Description Not Available<br>Authority: Environment Agency, North East Region<br>Abstraction: Unclassified (Other)<br>Abstraction Type: Not Supplied<br>Source: Groundwater<br>Daily Rate (m3): 14<br>Yearly Rate (m3): 1137<br>Details: Licence Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A12SE (E) | 48 | 1 | 433700 406100 |
| 30 | **Water Abstractions**<br>Operator: Sheldale Developments Ltd<br>Licence Number: 2/27/08/110<br>Permit Version: 101<br>Location: Spring-Sandstone/Middle Coal Measures-Shaw Lane<br>Authority: Environment Agency, North East Region<br>Abstraction: Food And Drink: Water Bottling<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: 43a Shaw Lane, Barnsley, South Yorkshire<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 8th April 2003<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A8NE (E) | 57 | 1 | 433700 406000 |
| 30 | **Water Abstractions**<br>Operator: Sheldale Water Limited<br>Licence Number: 2/27/08/110<br>Permit Version: 100<br>Location: Well/Spring - Sandstone/Middle Coal Measures - Shaw Lane<br>Authority: Environment Agency, North East Region<br>Abstraction: Food And Drink: Water Bottling<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 200<br>Yearly Rate (m3): 45000<br>Details: Land Adjoining To Rear Of 43a Shaw Lane, Barnsley, South Yorkshire<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st December 1999<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A8NE (E) | 57 | 1 | 433700 406000 |
| 31 | **Water Abstractions**<br>Operator: Barnsley District Council<br>Licence Number: 2/27/08/060<br>Permit Version: Not Supplied<br>Location: Location Description Not Available<br>Authority: Environment Agency, North East Region<br>Abstraction: Glasshouse Irrigation<br>Abstraction Type: Not Supplied<br>Source: Groundwater<br>Daily Rate (m3): 23<br>Yearly Rate (m3): 3410<br>Details: Licence Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A4NE (SE) | 681 | 1 | 433800 405300 |
| | **Groundwater Vulnerability**<br>Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers<br>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<br>Map Sheet: Sheet 11 South Pennines<br>Scale: 1:100,000 | A7NW (SW) | 0 | 1 | 432702 405763 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance *From Site* | Contact | NGR |
|---|---|---|---|---|---|
| | **Drift Deposits**<br>None | | | | |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>None | | | | |
| | **Flooding from Rivers or Sea without Defences**<br>None | | | | |
| | **Areas Benefiting from Flood Defences**<br>None | | | | |
| | **Flood Water Storage Areas**<br>None | | | | |
| | **Flood Defences**<br>None | | | | |

# Waste

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 32 | **BGS Recorded Landfill Sites**<br>Site Name: Disused Quarry<br>Location: Dodworth Rd, BARNSLEY, Yorks<br>Authority: British Geological Survey, National Geoscience Information Service<br>Ground Water: Information not available<br>Surface Water: Information not available<br>Geology: N/A<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Derived | A11SE (NW) | 0 | 3 | 432943 406105 |
| 33 | **Historical Landfill Sites**<br>Licence Holder: Not Supplied<br>Location: Dodworth Road, Barnsley, Yorkshire<br>Name: Disused Quarry<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD31670<br>First Input Date: 31st December 1968<br>Last Input Date: Not Supplied<br>Specified Waste Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: 1892<br>Other Ref: Not Supplied | A11SE (SE) | 0 | 1 | 432970 406055 |
| 34 | **Historical Landfill Sites**<br>Licence Holder: Barnsley Metropolitan Borough Council<br>Location: Dodworth Road, Barnsley<br>Name: S.R. Gents<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04326<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0533<br>BGS Ref: Not Supplied<br>Other Ref: 4400/(131) | A11SE (N) | 0 | 1 | 432961 406109 |
| 35 | **Historical Landfill Sites**<br>Licence Holder: Mr J Clayton<br>Location: Oakworth, Keighley<br>Name: Quarry at Higher Spring Head Farm<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04324<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste Type: Deposited Waste included Inert and Commercial Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0532<br>BGS Ref: Not Supplied<br>Other Ref: 671, 4400/(130) | A11SW (NW) | 96 | 1 | 432818 406337 |
| 36 | **Historical Landfill Sites**<br>Licence Holder: Not Supplied<br>Location: Pogmoor Road, Barnsley<br>Name: Recreation Ground<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04325<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0536<br>BGS Ref: Not Supplied<br>Other Ref: 4400/(134) | A11NW (N) | 188 | 1 | 432858 406460 |

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 37 | **Historical Landfill Sites**<br>Licence Holder: Polar Motors<br>Location: Pogmoor<br>Name: Land North of Dodworth Road<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04327<br>First Input Date: 1st February 1992<br>Last Input Date: 31st December 1992<br>Specified Waste Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: 4400/(139) | A11NE (N) | 194 | 1 | 433058 406413 |
| 38 | **Historical Landfill Sites**<br>Licence Holder: A F Budge<br>Location: Pogmoor, Barnsley<br>Name: West Road<br>Operator Location: Public Services Department, Central Services Department, Kendray Street, Barnsley<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04328<br>First Input Date: 15th July 1987<br>Last Input Date: 31st December 1987<br>Specified Waste Type: Deposited Waste included Inert and Commercial Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0566<br>BGS Ref: Not Supplied<br>Other Ref: WD2 B19, 20B572(57), WD20 B572, 4400/B572, 4400/0459 | A11NE (NE) | 250 | 1 | 433134 406457 |
| 39 | **Historical Landfill Sites**<br>Licence Holder: Co-op Retail Services Limited, Yorkshire Region<br>Location: Stocks Lane, Barnsley, South Yorkshire<br>Name: Land West of Summer Lane Dairy<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04329<br>First Input Date: 30th November 1982<br>Last Input Date: 3rd June 1988<br>Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 4400/0463<br>BGS Ref: Not Supplied<br>Other Ref: 20B38(61), 4400/B19, 4400/B38, WD20 B38 | A11NE (NE) | 256 | 1 | 433170 406455 |
| 40 | **Historical Landfill Sites**<br>Licence Holder: Not Supplied<br>Location: Pogmoor<br>Name: Allotment Gardens<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04330<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste Type: Not Supplied<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: 4400/B197 | A11NE (N) | 336 | 1 | 433114 406556 |

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 41 | **Licensed Waste Management Facilities (Locations)**<br>Licence Number: 60564<br>Location: Haulage Yard, Off West Road, Pogmoor, Barnsley, South Yorkshire, S75 2DH<br>Operator Name: Lycett Dennis<br>Operator Location: 2 Intake Gardens, Barnsley Road, Barnsley, South Yorkshire, S75 2DP<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Household, Commercial And Industrial Transfer Stations<br>**Licence Status:** **Issued**<br>Issued: 13th April 1987<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>*IPPC Reference:* *Not Supplied*<br>Positional Accuracy: Located by supplier to within 10m | A11NE (N) | 305 | 1 | 433077 406535 |
| | **Local Authority Landfill Coverage**<br>Name: Barnsley Metropolitan Borough Council - Has supplied landfill data | | 0 | 2 | 431154 410827 |
| 42 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 131<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status:** **Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>*Boundary Quality:* *Moderate* | A11SE (N) | 0 | 2 | 432958 406093 |
| 43 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 130<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status:** **Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A11SW (NW) | 14 | 2 | 432868 406271 |
| 44 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 57<br>*Authority:* *Barnsley Metropolitan Borough Council, Environmental Health and Trading* Standards<br>**Last Reported Status:** **Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A11NE (N) | 173 | 2 | 433001 406426 |
| 45 | ***Local Authority Recorded Landfill Sites***<br>Location: Not Supplied<br>Reference: 134<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status:** **Unknown**<br>Types of Waste: Not Supplied<br>*Date of Closure:* *Not Supplied*<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A11NE (N) | 184 | 2 | 432927 406466 |
| 46 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 61<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status:** **Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A11NE (N) | 242 | 2 | 433104 406454 |

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 47 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 139<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status:** **Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Unknown<br>Boundary Quality: Not Applicable | A11NE (NE) | 308 | 2 | 433200 406500 |
| 48 | **Local Authority Recorded Landfill Sites**<br>Location: Not Supplied<br>Reference: 44<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>**Last Reported Status:** **Unknown**<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Moderate | A11NE (N) | 350 | 2 | 433119 406563 |
| 49 | **Registered Landfill Sites**<br>Licence Holder: A F Budge (Contractors) Ltd<br>Licence Reference: WD20 B 572 (WD2 B19)<br>Site Location: West Road, Pogmoor, Barnsley, South Yorkshire<br>Licence Easting: 433200<br>Licence Northing: 406500<br>Operator Location: West Carr Road, RETFORD, Nottinghamshire, DN22 7SW<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st September 1987<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Clean Demol.Rubble; Clean Excavation Spoil/Subsoil; Rock,Stone,Concrete<br>Prohibited Waste: Asbestos; Paper; Plastic; Wood | A11NE (NE) | 308 | 1 | 433200 406500 |
| 49 | **Registered Landfill Sites**<br>Licence Holder: Barnsley M.B.C.<br>Licence Reference: WD 2 B19<br>Site Location: West Road, Pogmoor, Barnsley, South Yorkshire<br>Licence Easting: 433200<br>Licence Northing: 406500<br>Operator Location: Central Offices, Kendray Street, Barnsley, South Yorkshire<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st July 1987<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Clean Demol. Rubble Incl.; Clean Excavated Spoil & Subsoil; Rock, Stone, Concrete<br>Prohibited Waste: Asbestos; Paper; Plastic; Wood | A11NE (NE) | 308 | 1 | 433200 406500 |

# Waste

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Registered Landfill Sites** | | | | |
| 50 | Licence Holder: C.R.S. Ltd Yorkshire Reg<br>Licence Reference: WD20 B 38<br>Site Location: Summer Lane Dairy, Stocks Lane, Barnsley, South Yorkshire<br>Licence Easting: 433300<br>Licence Northing: 406500<br>Operator Location: Wellington Street, BARNSLEY, South Yorkshire, S70 1SP<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Landfill<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st July 1983<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: Construction And Demolition Wastes; Excavated Natural Materials $; Incinerator Residues<br>Prohibited Waste: Liquids In Containers Over 4l Cap.; Slurry In Containers Over 4l Cap. | A12NW (NE) | 343 | 1 | 433300 406500 |
| | **Registered Waste Transfer Sites** | | | | |
| 51 | Licence Holder: D Lycett<br>Licence Reference: WD20 B 554 MOD 3<br>Site Location: Haulage Yard Off West Road, Pogmoor, Barnsley, South Yorkshire<br>Operator Location: 2 Intake Gardens, BARNSLEY, South Yorkshire, S75 2HN<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Transfer<br>Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Operational as far as is knownOperational<br>Dated: 1st April 1987<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Located by supplier to within 100m<br>Boundary Quality: Not Supplied<br>Authorised Waste: Commercial Waste; Construction And Demolition Wastes; Excavation Waste/Soil/Subsoil; Max.Storage Permitted By Licence; Max.Waste Permitted By Licence; Packaging/Paper Etc.; Solid Ind. Non-Haz. Waste<br>Prohibited Waste: Poisonous, Noxious, Polluting Wastes | A11NE (N) | 238 | 1 | 433100 406450 |
| | **Registered Waste Treatment or Disposal Sites** | | | | |
| 52 | Licence Holder: Barnsley Electro.Plating<br>Licence Reference: WD20 B 299<br>Site Location: Chesham Road, Off Summer Lane, Barnsley, South Yorkshire<br>Operator Location: As Site Address<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Storage<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st November 1980<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Filter Press Cake | A12NE (NE) | 418 | 1 | 433820 406480 |

# Waste

| Map ID | Details | | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|---|
| | **Registered Waste Treatment or Disposal Sites** | | | | | |
| 53 | Licence Holder: | Barnsley Health Authority | A15SE (N) | 739 | 1 | 433050 407005 |
| | Licence Reference: | WD20 B 943 | | | | |
| | Site Location: | Barnsley District General Hospital, Gawber Road, Barnsley, South Yorkshire | | | | |
| | Operator Location: | Hilder House, 49/51 Gawber Road, BARNSLEY, South Yorkshire, S75 2PY | | | | |
| | Authority: | Environment Agency - North East Region, Ridings Area | | | | |
| | Site Category: | Incineration | | | | |
| | Max Input Rate: | Very Small (Less than 10,000 tonnes per year) | | | | |
| | Waste Source Restrictions: | No known restriction on source of waste | | | | |
| | Licence Status: | Licence has completion certificateSurrendered | | | | |
| | Dated: | 31st January 1994 | | | | |
| | Preceded By Licence: | Not Given | | | | |
| | Superseded By Licence: | Not Given | | | | |
| | Positional Accuracy: | Manually positioned to the address or location | | | | |
| | Boundary Quality: | Not Supplied | | | | |
| | Authorised Waste | Clinical - As In Coll/Disp.Regs Of '88<br>Domestic (Black Bag) Waste<br>Max.Waste Permitted By Licence | | | | |
| | Prohibited Waste | Asbestos Or Asbestos Containing Mat'L<br>Items Cont'G Mercury (Thermometers Etc<br>Pressurised Containers (Aerosols)<br>Radioactive Substances | | | | |

# Geological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 54 | **BGS Recorded Mineral Sites**<br>Site Name: Dodworth Road<br>Location: Dodworth Road, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 13308<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Iron Ore - Ironstone<br>Positional Accuracy: Located by supplier to within 10m | A11SE (NE) | 0 | 3 | 433000 406095 |
| 54 | **BGS Recorded Mineral Sites**<br>Site Name: Dodworth Road<br>Location: Dodworth Road, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 13308<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A11SE (NE) | 0 | 3 | 433000 406095 |
| 55 | **BGS Recorded Mineral Sites**<br>Site Name: Dodworth Road<br>Location: Dodworth Road, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 37853<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>*Periodic Type: Not Supplied*<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A11SE (N) | 0 | 3 | 432907 406272 |
| 56 | **BGS Recorded Mineral Sites**<br>Site Name: Dodworth Road<br>Location: Dodworth Road, Barnsley, South Yorkshire<br>*Source: British Geological Survey, National Geoscience Information Service*<br>Reference: 13307<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A11SW (NW) | 83 | 3 | 432805 406315 |
| 57 | **BGS Recorded Mineral Sites**<br>Site Name: Keresford House<br>Location: Keresforth Hill, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 37872<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Not Supplied<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A7SE (S) | 271 | 3 | 433095 405548 |
| 58 | ***BGS Recorded Mineral Sites***<br>Site Name: Stocks Lane<br>Location: Stocks Lane, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 13306<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: *Not Supplied*<br>Periodic Type: Carboniferous<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A11NE (NE) | 408 | 3 | 433195 406605 |

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 59 | **BGS Recorded Mineral Sites**<br>Site Name: Rogend<br>Location: Gawber, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>*Reference: 37850*<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Not Supplied<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A16SW (N) | 733 | 3 | 433255 406926 |
| 60 | **BGS Recorded Mineral Sites**<br>Site Name: Dodworth<br>Location: Dodworth, Barnsley, South Yorkshire<br>*Source: British Geological Survey, National Geoscience Information Service*<br>Reference: 37874<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Not Supplied<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A6NW (W) | 746 | 3 | 432136 405858 |
| 61 | **BGS Recorded Mineral Sites**<br>Site Name: Summer<br>Location: Gawber, Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 37849<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Not Supplied<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A16SW (N) | 823 | 3 | 433308 407005 |
| | **BGS 1:625,000 Solid Geology**<br>Description: Lower Westphalian (mainly Productive Coal Measures) | (E) | 0 | 3 | 436955 406936 |
| | **Coal Mining Affected Areas**<br>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. | (SW) | 0 | 4 | 425000 397000 |
| | **Mining Instability**<br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied | (E) | 0 | - | 440000 404500 |
| | **Potential for Collapsible Ground Stability Hazards**<br>No Hazard | | | | |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A3SE (S) | 0 | 3 | 432959 405000 |
| | **Potential for Ground Dissolution Stability Hazards**<br>No Hazard | | | | |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (NW) | 0 | 3 | 432700 406350 |
| | ***Potential for Landslide Ground Stability Hazards***<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A11SW (NW) | 165 | 3 | 432700 406350 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A12SW (NE) | 169 | 3 | 433325 406325 |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service | A12NW (NE) | 247 | 3 | 433350 406400 |

# Geological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A3SE (S) | 0 | 3 | 432959 405000 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A11SE (E) | 0 | 3 | 433000 406074 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A11SE (E) | 0 | 3 | 433100 406125 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A11SE (E) | 0 | 3 | 433000 406074 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | A8SW (SE) | 127 | 3 | 433425 405625 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | A11NE (N) | 150 | 3 | 433000 406400 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service | A7NE (S) | 0 | 3 | 432900 405925 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A7NE (S) | 0 | 3 | 432900 405925 |
| | **Shallow Mining Hazards**<br>Risk: Low-Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A11NE (N) | 0 | 3 | 432958 406463 |
| | **Shallow Mining Hazards**<br>Risk: Low-Moderate<br>Source: British Geological Survey, National Geoscience Information Service | A11NE (N) | 184 | 3 | 432958 406463 |

# Industrial Land Use

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 62 | **Contemporary Trade Directory Entries**<br>Name: Shell<br>Location: Dodworth Rd, Barnsley, South Yorkshire, S70 6JE<br>Classification: Petrol Filling Stations - 24 Hour<br>**Status:** **Active**<br>Positional Accuracy: Manually positioned to the address or location | A11SW (NW) | 0 | - | 432847 406230 |
| 63 | **Contemporary Trade Directory Entries**<br>Name: S R Gent (International) Ltd<br>Location: Dodworth Road, Barnsley, South Yorkshire, S70 6JE<br>Classification: Clothing & Fabrics - Manufacturers<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A11SE (NW) | 0 | - | 432910 406161 |
| 64 | **Contemporary Trade Directory Entries**<br>Name: Pauls Graffiti Removal<br>Location: 86, Lancaster Street, Barnsley, South Yorkshire, S70 6EW<br>Classification: Graffiti Removers<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (E) | 63 | - | 433691 406127 |
| 64 | **Contemporary Trade Directory Entries**<br>Name: M C R Plant Repairs<br>Location: 109, Lancaster Street, Barnsley, South Yorkshire, S70 6EW<br>Classification: Plant & Machinery Repairs<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (E) | 64 | - | 433674 406142 |
| 64 | **Contemporary Trade Directory Entries**<br>Name: Multiblast Services<br>Location: 5, Wellington Place, Waterloo Road, Barnsley, South Yorkshire, S70 6EN<br>Classification: Blast Cleaning<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (E) | 84 | - | 433730 406121 |
| 65 | **Contemporary Trade Directory Entries**<br>Name: Bellamy Electrical Engineering Ltd<br>Location: Shaw Lane Business Park, Shaw Lane, Barnsley, South Yorkshire, S70 6EH<br>Classification: Electrical Engineers<br>**Status:** **Active**<br>Positional Accuracy: Automatically positioned to the address | A12SE (E) | 123 | - | 433796 406048 |
| 65 | **Contemporary Trade Directory Entries**<br>Name: William Cooper Ltd<br>Location: Shaw Lane Business Park, Shaw Lane, Barnsley, South Yorkshire, S70 6EH<br>Classification: Cladding Suppliers & Installers<br>**Status:** **Active**<br>Positional Accuracy: Automatically positioned to the address | A12SE (E) | 123 | - | 433796 406048 |
| 66 | **Contemporary Trade Directory Entries**<br>Name: S.E. Gas Services<br>Location: 15, Grosvenor Drive, BARNSLEY, South Yorkshire, S70 6HU<br>Classification: Boilers - Servicing, Replacements & Repairs<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SW (NE) | 125 | - | 433259 406275 |
| 67 | **Contemporary Trade Directory Entries**<br>Name: Beaumont Commercials<br>Location: 221, Dodworth Road, Barnsley, South Yorkshire, S70 6HT<br>Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A11SE (NE) | 152 | - | 433143 406354 |
| 68 | **Contemporary Trade Directory Entries**<br>Name: Wincanton<br>Location: Broadway, Barnsley, South Yorkshire, S70 6RA<br>Classification: Distribution Services<br>**Status:** **Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A7NW (SW) | 154 | - | 432780 405976 |
| 69 | **Contemporary Trade Directory Entries**<br>Name: Torque Motors<br>Location: 131, Dodworth Road, Barnsley, South Yorkshire, S70 6HL<br>Classification: Garage Services<br>**Status:** **Active**<br>Positional Accuracy: Automatically positioned to the address | A12SW (E) | 161 | - | 433553 406303 |
| 70 | **Contemporary Trade Directory Entries**<br>Name: Kv Services Pest Control Barnsley<br>Location: 67, Broadway, BARNSLEY, South Yorkshire, S70 6QJ<br>Classification: Pest & Vermin Control<br>**Status:** **Active**<br>Positional Accuracy: Automatically positioned to the address | A7NW (SW) | 166 | - | 432830 405883 |

# Industrial Land Use

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 71 | **Contemporary Trade Directory Entries**<br>Name: Pat King<br>Location: 1 Jacksons Yard,Dodworth Rd, Barnsley, South Yorkshire, S70 6DZ<br>Classification: Clothing & Fabrics - Manufacturers<br>**Status:** **Inactive**<br>Positional Accuracy: Manually positioned to the road within the address or location | A12SW (NE) | 169 | - | 433421 406278 |
| 72 | **Contemporary Trade Directory Entries**<br>Name: Barnsley Printing Services Ltd<br>Location: The Old Chapel, Parker Street, Barnsley, South Yorkshire, S70 6EG<br>Classification: Printers<br>***Status:*** ***Inactive***<br>Positional Accuracy: Automatically positioned to the address | A12SE (E) | 176 | - | 433840 406118 |
| 72 | **Contemporary Trade Directory Entries**<br>Name: Jmack Print<br>Location: Unit 2 Town Mills,Bradbury St, Barnsley, South Yorkshire, S70 6AQ<br>Classification: Printers<br>**Status:** **Inactive**<br>Positional Accuracy: Manually positioned to the address or location | A12SE (E) | 196 | - | 433869 406082 |
| 72 | **Contemporary Trade Directory Entries**<br>Name: Sykes Pet Foods<br>Location: Townend Mill, Bradbury Street, Barnsley, South Yorkshire, S70 6AQ<br>Classification: Pet Foods & Animal Feeds<br>**Status:** **Active**<br>Positional Accuracy: Automatically positioned to the address | A12SE (E) | 197 | - | 433870 406083 |
| 72 | **Contemporary Trade Directory Entries**<br>Name: *Townmills Printing Services*<br>Location: 2, Bradbury Street, Barnsley, South Yorkshire, S70 6AQ<br>Classification: Printers<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A12SE (E) | 234 | - | 433908 406067 |
| 73 | **Contemporary Trade Directory Entries**<br>Name: Polar Ford<br>Location: Dodworth Road, Barnsley, South Yorkshire, S70 6PA<br>Classification: Car Dealers<br>**Status:** **Active**<br>Positional Accuracy: Automatically positioned to the address | A11NE (NE) | 177 | - | 433107 406389 |
| 73 | **Contemporary Trade Directory Entries**<br>Name: Polar Van Centre<br>Location: Dodworth Road, Barnsley, South Yorkshire, S70 6PA<br>Classification: Commercial Vehicle Dealers<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A11NE (NE) | 177 | - | 433107 406389 |
| 73 | **Contemporary Trade Directory Entries**<br>Name: Rapid Fit<br>Location: Dodworth Road, Barnsley, South Yorkshire, S70 6PA<br>Classification: Exhaust & Shock Absorber Centres<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A11NE (NE) | 177 | - | 433107 406389 |
| 74 | **Contemporary Trade Directory Entries**<br>Name: Barnsley Community & Priority Services Nhs Trust<br>Location: 7, Keresforth Close, Barnsley, South Yorkshire, S70 6RS<br>Classification: Hospitals<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8SW (SE) | 196 | - | 433284 405622 |
| 75 | **Contemporary Trade Directory Entries**<br>Name: Redfernbenz<br>Location: Springfield St, Barnsley, South Yorkshire, S70 6HF<br>Classification: Car Dealers - Used<br>**Status:** **Active**<br>Positional Accuracy: Manually positioned to the road within the address or location | A12SE (E) | 204 | - | 433640 406336 |
| 76 | **Contemporary Trade Directory Entries**<br>Name: Mdo Services<br>Location: 16, Keresforth Court, BARNSLEY, South Yorkshire, S70 6RT<br>Classification: Commercial Cleaning Services<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8SW (SE) | 211 | - | 433237 405591 |
| 76 | **Contemporary Trade Directory Entries**<br>Name: Mdo Cleaning Services<br>Location: 16, Keresforth Court, Barnsley, South Yorkshire, S70 6RT<br>Classification: Commercial Cleaning Services<br>**Status:** **Inactive**<br>Positional Accuracy: Automatically positioned to the address | A8SW (SE) | 211 | - | 433237 405591 |

# Industrial Land Use

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 77 | **Fuel Station Entries**<br>Name: Shell Barnsley<br>Location: Dodworth Road, Barnsley, South Yorkshire, S70 6DY<br>Brand: SHELL<br>Premises Type: Petrol Station<br>**Status: Open**<br>Positional Accuracy: Manually positioned to the address or location | A11SW (NW) | 0 | - | 432847 406230 |
| 78 | ***Fuel Station Entries***<br>Name: Polar Motor Company Ltd<br>Location: Dodworth Road, BARNSLEY, South Yorkshire, S70 6PA<br>Brand: OBSOLETE<br>Premises Type: Not Applicable<br>**Status: Obsolete**<br>Positional Accuracy: Approximate location provided by supplier | A11SE (NE) | 83 | - | 433153 406273 |
| 79 | **Fuel Station Entries**<br>Name: Jet Intake 1<br>Location: Pogmoor Road, BARNSLEY, South Yorkshire, S75 2DZ<br>Brand: JET<br>Premises Type: Petrol Station<br>**Status: Open**<br>Positional Accuracy: Located by supplier to within 100m | A11NW (N) | 387 | - | 432818 406655 |

# Sensitive Land Use

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 80 | **Areas of Adopted Green Belt**<br>Authority: Barnsley Metropolitan Borough Council, Planning Department<br>Plan Name: Barnsley Unitary Development Plan<br>**Status: Adopted**<br>Plan Date: 31st December 2000 | A7NW (SW) | 313 | 5 | 432754 405756 |
| 81 | ***Nitrate Vulnerable Zones***<br>Name: Not Supplied<br>Description: Surface Water<br>Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | (S) | 0 | 6 | 432959 400000 |

# Data Currency

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Contaminated Land Register Entries and Notices** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | August 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | July 2008 | Annual Rolling Update |
| **Discharge Consents** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **Enforcement and Prohibition Notices** | | |
| Environment Agency - North East Region | December 2008 | As notified |
| **Integrated Pollution Controls** | | |
| *Environment Agency - North East Region* | *October 2008* | *Quarterly* |
| **Integrated Pollution Prevention And Control** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **Local Authority Integrated Pollution Prevention And Control** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | February 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | July 2008 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Controls** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | February 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | July 2008 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Control Enforcements** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | February 2008 | Annual Rolling Update |
| *Wakefield City Metropolitan District Council - Environmental Health* | *July 2008* | *Annual Rolling Update* |
| **Nearest Surface Water Feature** | | |
| Ordnance Survey | September 2008 | 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 | December 2008 | As notified |
| **Prosecutions Relating to Controlled Waters** | | |
| Environment Agency - North East Region | December 2008 | As notified |
| **Registered Radioactive Substances** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **River Quality** | | |
| Environment Agency - Head Office | November 2001 | Not Applicable |
| **River Quality Biology Sampling Points** | | |
| Environment Agency - Head Office | September 2007 | Annually |
| **River Quality Chemistry Sampling Points** | | |
| Environment Agency - Head Office | August 2007 | Annually |
| **Substantiated Pollution Incident Register** | | |
| Environment Agency - North East Region - Ridings Area | October 2008 | Quarterly |
| **Water Abstractions** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| ***Water Industry Act Referrals*** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **Groundwater Vulnerability** | | |
| Environment Agency - Head Office | January 1999 | Not Applicable |
| **Drift Deposits** | | |
| Environment Agency - Head Office | January 1999 | Not Applicable |
| **Source Protection Zones** | | |
| Environment Agency - Head Office | September 2008 | Variable |
| **Extreme Flooding from Rivers or Sea without Defences** | | |
| Environment Agency - Head Office | November 2008 | Quarterly |

# Data Currency

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Flooding from Rivers or Sea without Defences** | | |
| Environment Agency - Head Office | November 2008 | Quarterly |
| **Areas Benefiting from Flood Defences** | | |
| Environment Agency - Head Office | October 2008 | Quarterly |
| **Flood Water Storage Areas** | | |
| Environment Agency - Head Office | October 2008 | Quarterly |
| **Flood Defences** | | |
| Environment Agency - Head Office | October 2008 | Quarterly |
| **Waste** | **Version** | **Update Cycle** |
| **BGS Recorded Landfill Sites** | | |
| British Geological Survey - National Geoscience Information Service | June 1996 | Not Applicable |
| **Historical Landfill Sites** | | |
| Environment Agency - North East Region - Ridings Area | November 2008 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency - North East Region - Ridings Area | November 2008 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Environment Agency - North East Region - Ridings Area | August 2008 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | May 2000 | Not Applicable |
| Wakefield City Metropolitan District Council - Environmental Health | May 2000 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | May 2000 | Not Applicable |
| Wakefield City Metropolitan District Council - Environmental Health | May 2000 | 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 | October 2008 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | July 2008 | Bi-Annually |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | November 2000 | Not Applicable |
| **Planning Hazardous Substance Enforcements** | | |
| Barnsley Metropolitan Borough Council - Planning Department | July 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council | May 2008 | Annual Rolling Update |
| **Planning Hazardous Substance Consents** | | |
| Barnsley Metropolitan Borough Council - Planning Department | July 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council | May 2008 | Annual Rolling Update |

# Data Currency

| Geological | Version | Update Cycle |
|---|---|---|
| **BGS Recorded Mineral Sites**<br>British Geological Survey - National Geoscience Information Service | October 2008 | Bi-Annually |
| **BGS 1:625,000 Solid Geology**<br>British Geological Survey - National Geoscience Information Service | August 1996 | Not Applicable |
| **Brine Compensation Area**<br>Cheshire Brine Subsidence Compensation Board | November 2002 | As notified |
| **Coal Mining Affected Areas**<br>The Coal Authority - Mining Report Service | January 2006 | As notified |
| **Mining Instability**<br>Ove Arup & Partners | October 2000 | Not Applicable |
| **Natural and Mining Cavities**<br>Peter Brett Associates | December 2005 | Variable |
| **Potential for Collapsible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Compressible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Ground Dissolution Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Landslide Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Running Sand Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Radon Potential - Radon Affected Areas**<br>British Geological Survey - National Geoscience Information Service | May 2007 | Annually |
| **Radon Potential - Radon Protection Measures**<br>British Geological Survey - National Geoscience Information Service | May 2007 | Annually |
| **Shallow Mining Hazards**<br>British Geological Survey - National Geoscience Information Service | August 2002 | Not Applicable |
| **Industrial Land Use** | **Version** | **Update Cycle** |
| **Contemporary Trade Directory Entries**<br>Thomson Directories | August 2008 | Quarterly |
| **Fuel Station Entries**<br>Catalist Ltd - (Fuel Station Data) | November 2008 | Quarterly |

# Data Currency

| Sensitive Land Use | Version | Update Cycle |
|---|---|---|
| **Areas of Adopted Green Belt** | | |
| Barnsley Metropolitan Borough Council - Planning Department | December 2000 | As notified |
| Wakefield City Metropolitan District Council | January 2003 | As notified |
| **Areas of Unadopted Green Belt** | | |
| Barnsley Metropolitan Borough Council - Planning Department | December 2000 | As notified |
| Wakefield City Metropolitan District Council | January 2003 | As notified |
| **Areas of Outstanding Natural Beauty** | | |
| Natural England | January 2008 | Bi-Annually |
| **Environmentally Sensitive Areas** | | |
| Natural England | January 2008 | Annually |
| **Forest Parks** | | |
| Forestry Commission | April 1997 | Not Applicable |
| **Local Nature Reserves** | | |
| Natural England | June 2008 | Bi-Annually |
| **Marine Nature Reserves** | | |
| Natural England | June 2008 | Bi-Annually |
| **National Nature Reserves** | | |
| Natural England | June 2008 | Bi-Annually |
| **National Parks** | | |
| Natural England | January 2008 | Annually |
| **Nitrate Sensitive Areas** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | December 2003 | Not Applicable |
| **Nitrate Vulnerable Zones** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | May 2007 | Annually |
| **Ramsar Sites** | | |
| Natural England | June 2008 | Bi-Annually |
| **Sites of Special Scientific Interest** | | |
| Natural England | June 2008 | Bi-Annually |
| **Special Areas of Conservation** | | |
| Natural England | June 2008 | Bi-Annually |
| **Special Protection Areas** | | |
| Natural England | June 2008 | Bi-Annually |

# Data Suppliers

A selection of organisations who provide data within this report

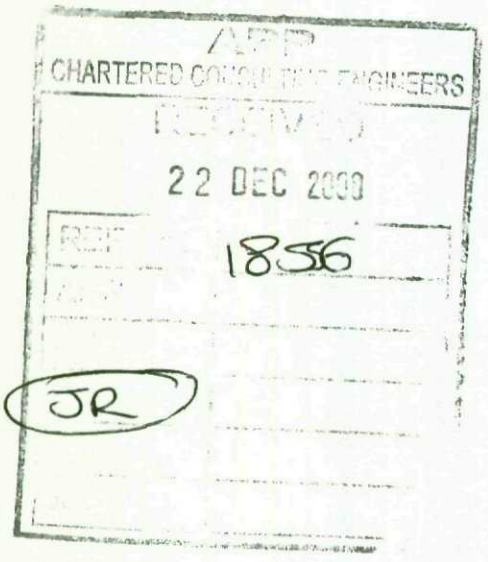
| Data Supplier | Data Supplier Logo |
|---|---|
| Ordnance Survey | Ordnance Survey Licensed Partner |
| Environment Agency | Environment Agency |
| Scottish Environment Protection Agency | SEPA Scottish Environment Protection Agency |
| The Coal Authority | THE COAL AUTHORITY |
| British Geological Survey | British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL |
| Centre for Ecology and Hydrology | Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL |
| Countryside Council for Wales | CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES |
| Scottish Natural Heritage | SCOTTISH NATURAL HERITAGE |
| Natural England | NATURAL ENGLAND |
| Health Protection Agency | Health Protection Agency |
| Ove Arup | ARUP |
| Peter Brett Associates | pba |

# Useful Contacts

| Contact | Name and Address | Contact Details |
|---|---|---|
| 1 | **Environment Agency - National Customer Contact Centre (NCCC)**<br>PO Box 544, Templeborough, Rotherham, S60 1BY | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk |
| 2 | **Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards**<br>Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN | Telephone: 01226 770770<br>Fax: 01226 772599<br>Website: www.barnsley.gov.uk |
| 3 | **British Geological Survey - Enquiry Service**<br>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk |
| 4 | **The Coal Authority - Mining Report Service**<br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG | Telephone: 0845 7626848<br>Email: thecoalauthority@coal.gov.uk |
| 5 | **Barnsley Metropolitan Borough Council - Planning Department**<br>Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN | Telephone: 01226 770770<br>Fax: 01226 772599<br>Website: www.barnsley.gov.uk |
| 6 | **Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)**<br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT | Telephone: 0113 2613333<br>*Fax: 0113 230 0879* |
| - | **Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards**<br>Chilton, Didcot, Oxfordshire, OX11 0RQ | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@hpa.org.uk<br>Website: www.hpa.org.uk |
| - | **Landmark Information Group Limited**<br>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB | Telephone: 0870 850 6670<br>Fax: 0870 850 6671<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

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

ARP GEOTECHNICAL LTD
CHARTERED CONSULTING ENGINEERS




# Envirocheck® Report: Datasheet

## Order Details:

**Order Number:**
26976016_1_1

**Customer Reference:**
GLH/01

**National Grid Reference:**
434220, 406060

**Slice:**
B

**Site Area (Ha):**
16.19

**Search Buffer (m):**
1000

## Site Details:

Holgate School
Shaw Lane
BARNSLEY
South Yorkshire
S70 6EP

## Client Details:

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

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**Introduction**

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency 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 the Health Protection Agency.

**Report Version v36.0**

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Agency & Hydrological** | | | | | |
| Contaminated Land Register Entries and Notices | | | | | |
| Discharge Consents | pg 1 | | | 1 | 38 |
| Enforcement and Prohibition Notices | | | | | |
| Integrated Pollution Controls | | | | | |
| Integrated Pollution Prevention And Control | pg 10 | | | | 2 |
| Local Authority Integrated Pollution Prevention And Control | | | | | |
| Local Authority Pollution Prevention and Controls | pg 11 | | | 2 | 6 |
| Local Authority Pollution Prevention and Control Enforcements | | | | | |
| Nearest Surface Water Feature | pg 12 | | | Yes | |
| Pollution Incidents to Controlled Waters | | | | | |
| Prosecutions Relating to Authorised Processes | | | | | |
| Prosecutions Relating to Controlled Waters | | | | | |
| Registered Radioactive Substances | | | | | |
| River Quality | | | | | |
| River Quality Biology Sampling Points | | | | | |
| River Quality Chemistry Sampling Points | | | | | |
| Substantiated Pollution Incident Register | | | | | |
| Water Abstractions | pg 12 | | | | (*2) |
| Water Industry Act Referrals | | | | | |
| Groundwater Vulnerability | pg 13 | Yes | n/a | n/a | n/a |
| Source Protection Zones | | | | | |
| Extreme Flooding from Rivers or Sea without Defences | | | | n/a | n/a |
| Flooding from Rivers or Sea without Defences | | | | n/a | n/a |
| *Areas Benefiting from Flood Defences* | | | | *n/a* | *n/a* |
| Flood Water Storage Areas | | | | n/a | n/a |
| Flood Defences | | | | n/a | n/a |
| **Waste** | | | | | |
| BGS Recorded Landfill Sites | | | | | |
| Historical Landfill Sites | pg 14 | | | | 1 |
| Integrated Pollution Control Registered Waste Sites | | | | | |
| Licensed Waste *Management Facilities* (Landfill Boundaries) | | | | | |
| Licensed Waste Management Facilities (Locations) | | | | | |
| Local Authority Recorded Landfill Sites | | | | | |
| Registered Landfill Sites | | | | | |
| Registered Waste Transfer Sites | pg 14 | | | | 1 |
| Registered Waste Treatment or Disposal Sites | | | | | |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **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 Recorded Mineral Sites | pg 15 | | | | 2 |
| BGS 1:625,000 Solid Geology | pg 15 | Yes | n/a | n/a | n/a |
| Brine Compensation Area | | | n/a | n/a | n/a |
| Coal Mining Affected Areas | pg 15 | Yes | n/a | n/a | n/a |
| Mining Instability | pg 15 | Yes | n/a | n/a | n/a |
| Natural and Mining Cavities | | | | | |
| Potential for Collapsible Ground Stability Hazards | | | | 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 | | 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 | | Yes | | n/a | n/a |
| Radon Potential - Radon Affected Areas | | Yes | n/a | n/a | n/a |
| Radon Potential - Radon Protection Measures | | | n/a | n/a | n/a |
| Shallow Mining Hazards | pg 15 | Yes | Yes | n/a | n/a |
| **Industrial Land Use** | | | | | |
| Contemporary Trade Directory Entries | | | | n/a | n/a |
| Fuel Station Entries | pg 17 | | | 1 | 3 |

# Summary

| Data Type | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|---|---|---|---|---|
| **Sensitive Land Use** | | | | | |
| Areas of Adopted Green Belt | pg 18 | | | 1 | |
| 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 18 | 1 | | | |
| Ramsar Sites | | | | | |
| Sites of Special Scientific Interest | | | | | |
| Special Areas of Conservation | | | | | |
| *Special Protection Areas* | | | | | |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 1 | **Discharge Consents**<br>Operator: Sam Lockwood-Dukes<br>Property Type: Undefined Or Other<br>*Location:* *Goodison Round Green Lane, Stainborough, Barnsley, South Yorkshire*<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: 22<br>Permit Version: 1<br>Effective Date: 28th May 1952<br>Issued Date: 28th May 1952<br>Revocation Date: *Not Supplied*<br>Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Trib Of Carr Dike<br>**Status:** **Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | B9SW (W) | 376 | 1 | 434050 406050 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers<br>Location: Dog Lane, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: 30th June 1993<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Effluent Discharge-Storm Effluent<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 701 | 1 | 434330 406305 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Public Houses & Bars<br>*Location:* *The Mount Public House, Pontefract Road, BARNSLEY, South Yorkshire*<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 702 | 1 | 434330 406310 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Mixed Farming<br>Location: Hill Top Farm, New Lodge, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>*Permit Version:* *Not Supplied*<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge *Environment:* Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (N) | 704 | 1 | 434330 406315 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Klondyke, Tumbling Lane, CUDWORTH, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (N) | 706 | 1 | 434330 406320 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Lambert Road, Kendray, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 707 | 1 | 434335 406310 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Wellington Street (2), BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (N) | 708 | 1 | 434330 406325 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Birk Road, Kendray, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 709 | 1 | 434335 406315 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Wellington Street (1), BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (N) | 710 | 1 | 434330 406330 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Kendray Street (2), BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 711 | 1 | 434335 406320 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Lambra Road (1), BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 712 | 1 | 434340 406310 |
| 2 | **Discharge Consents**<br>*Operator: Yorkshire Water Services Ltd*<br>Property Type: Not Given<br>Location: Honeywell-Smithies Lane, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (N) | 713 | 1 | 434335 406325 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Athersley South-Laithes Lane, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>*Issued Date:* *Not Supplied*<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 714 | 1 | 434340 406315 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Grange Lane, Stairfoot, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (N) | 714 | 1 | 434335 406330 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Kendray Street (1), BARENSLEY<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 715 | 1 | 434340 406320 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Highstone Road, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 717 | 1 | 434340 406325 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: *Lambra Road* (2), BARNSLEY<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 717 | 1 | 434345 406310 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Cheapside, Queen Street, BARNSLEY, West Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>***Status:*** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 718 | 1 | 434345 406315 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Express Dairy, Pontefract Road, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 719 | 1 | 434340 406330 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Dog Lane, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 720 | 1 | 434345 406320 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>*Location:* *Dummy Ngr-No Details On Permit No Ngr Details Exist On Permit, No Ngr* Details Exist On Permit, No Ngr Details Exist On Permit, No Ngr Details Exist On Permit<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: S/Cb/8<br>Permit Version: 1<br>Effective Date: 29th May 1963<br>Issued Date: 29th May 1963<br>Revocation Date: 31st March 2005<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Varies With Outlet<br>**Status:** ***Transferred from Rivers (Prevention of Pollution) Act 1951-1961***<br>Positional Accuracy: Located by supplier to within 10m | B9SE (NE) | 721 | 1 | 434345 406323 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Mount Vernon Avenue, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 721 | 1 | 434350 406310 |
| 2 | **Discharge Consents**<br>*Operator: Yorkshire Water Services Ltd*<br>Property Type: Not Given<br>Location: Graham's Orchard, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>*Positional Accuracy: Located by supplier to within 100m* | B9SE (NE) | 722 | 1 | 434345 406325 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Marsh Crescent, New Lodge, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>*Catchment Area: Dearne*<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>*Discharge Type: Storm /emergency overflow*<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status:** **Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 723 | 1 | 434350 406315 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Ballotine Works, Pontefract Road, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 724 | 1 | 434345 406330 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Wakefield Road, New Lodge, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 725 | 1 | 434350 406320 |
| 2 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Oakwell Lane, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 727 | 1 | 434350 406325 |
| 2 | ***Discharge Consents***<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Not Given<br>Location: Old Mill, Old Mill Lane, BARNSLEY, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Storm /emergency overflow<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 728 | 1 | 434350 406330 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 3 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers<br>Location: Graham's Orchard, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Deame<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>*Issued Date: 30th June 1993*<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Effluent Discharge-Storm Effluent<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>*Positional Accuracy: Located by supplier to within 100m* | B9SE (NE) | 764 | 1 | 434390 406325 |
| 3 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Graham's Orchard, South Yorkshire<br>Authority: Environment Agency, North East Region<br>*Catchment Area: Don Tributaries*<br>Reference: S/Cb/8<br>Permit Version: 1<br>Effective Date: 29th May 1963<br>Issued Date: 29th May 1963<br>Revocation Date: 31st March 2005<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Varies With Outlet<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 766 | 1 | 434390 406330 |
| 4 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers<br>Location: Wellington Street, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Deame<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: 30th June 1993<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Effluent Discharge-Storm Effluent<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 767 | 1 | 434420 406235 |
| 4 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers<br>Location: Wellington Street, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Deame<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: 29th May 1963<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Effluent Discharge-Storm Effluent<br>*Discharge Environment: Unknown*<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 768 | 1 | 434420 406240 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 4 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers<br>Location: Wellington Street, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: 30th June 1993<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Effluent Discharge-Storm Effluent<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 772 | 1 | 434430 406215 |
| 4 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers<br>Location: Wellington Street, South Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: 29th May 1963<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Effluent Discharge-Storm Effluent<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 773 | 1 | 434430 406220 |
| 4 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Dummy Ngr-No Details On Permit No Ngr Details Exist On Permit, No Ngr Details Exist On Permit, No Ngr Details Exist On Permit, No Ngr Details Exist On Permit<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: S/Cb/8<br>Permit Version: 1<br>Effective Date: 29th May 1963<br>Issued Date: 29th May 1963<br>Revocation Date: 31st March 2005<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Varies With Outlet<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 10m | B9SE (NE) | 775 | 1 | 434427 406240 |
| 4 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Dummy Ngr-No Details On Permit No Ngr Details Exist On Permit, No Ngr Details Exist On Permit, No Ngr Details Exist On Permit, No Ngr Details Exist On Permit<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: S/Cb/8<br>Permit Version: 1<br>Effective Date: 29th May 1963<br>Issued Date: 29th May 1963<br>Revocation Date: 31st March 2005<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Varies With Outlet<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 10m | B9SE (NE) | 777 | 1 | 434433 406227 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 5 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers<br>Location: West Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: 30th June 1993<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Effluent Discharge-Storm Effluent<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 917 | 1 | 434560 406295 |
| 5 | **Discharge Consents**<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers<br>Location: West Yorkshire<br>Authority: Environment Agency, North East Region<br>Catchment Area: Dearne<br>Reference: S/CB/8<br>Permit Version: Not Supplied<br>Effective Date: Not Supplied<br>Issued Date: 29th May 1963<br>Revocation Date: Not Supplied<br>Discharge Type: Sewage Effluent Discharge-Storm Effluent<br>Discharge Environment: Unknown<br>Receiving Water: Not Supplied<br>**Status: Not Supplied**<br>Positional Accuracy: Located by supplier to within 100m | B9SE (NE) | 918 | 1 | 434560 406300 |
| 5 | ***Discharge Consents***<br>Operator: Yorkshire Water Services Ltd<br>Property Type: Sewerage Network - Sewers - Water Company<br>Location: Dummy Ngr-No Details On Permit No Ngr Details Exist On Permit, No Ngr Details Exist On Permit, No Ngr Details Exist On Permit, No Ngr Details Exist On Permit<br>Authority: Environment Agency, North East Region<br>Catchment Area: Don Tributaries<br>Reference: S/Cb/8<br>Permit Version: 1<br>Effective Date: 29th May 1963<br>Issued Date: 29th May 1963<br>Revocation Date: 31st March 2005<br>Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company<br>Discharge Environment: Freshwater Stream/River<br>Receiving Water: Varies With Outlet<br>**Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961**<br>Positional Accuracy: Located by supplier to within 10m | B9SE (NE) | 920 | 1 | 434560 406308 |
| 6 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke And Chemical Company Limited<br>Location: The Monckton Coke And Chemical Co Ltd, Po Box 25, Royston, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: YP3934UX<br>Original Permit Ref: Bk3441ia<br>Effective Date: 11th October 2007<br>**Status: Effective**<br>Application Type: Variation<br>App. Sub Type: Standard<br>Positional Accuracy: Located by supplier to within 10m<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: Y<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: N<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: N | B9SE (NE) | 729 | 1 | 434380 406240 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 6 | **Integrated Pollution Prevention And Control**<br>Name: Monckton Coke And Chemical Co Ltd<br>Location: Po Box 25, Royston, Barnsley, South Yorkshire, S71 4BE<br>Authority: Environment Agency, North East Region<br>Permit Reference: Bk3441<br>Original Permit Ref: Bk3441<br>Effective Date: 13th June 2002<br>**Status: Superseded By Variation**<br>Application Type: PPC APPLICATION<br>App. Sub Type: Not Supplied<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 1.1 B (A)<br>Activity Description: Combustion; Any Fuel Greater Or Equal To 20Mw But Less Than 50Mw (Unless 1.1 A(1) B)<br>Primary Activity: Not Supplied<br>Activity Code: 4.2 A(1) (A) (III)<br>Activity Description: Inorganic Chemicals; Bases Eg Ammonium Hydroxide<br>Primary Activity: Not Supplied<br>Activity Code: 4.1 A(1) (A) (I)<br>Activity Description: Organic Chemicals; Hydrocarbons Eg Aromatics<br>Primary Activity: Not Supplied<br>Activity Code: 3.5 B (B) (I)<br>Activity Description: Other Mineral Activities; Crushing Etc Of Coal Etc (Unless Exempt Location)<br>Primary Activity: Not Supplied<br>Activity Code: 1.2 A(1) (C)<br>Activity Description: Gasification, Liquifac. And Refining; Operating Coke Ovens<br>Primary Activity: Not Supplied | B9SE (NE) | 737 | 1 | 434387 406245 |
| 7 | **Local Authority Pollution Prevention and Controls**<br>Name: Whamcliffe Garage<br>Location: Summer Lane, BARNSLEY, South Yorkshire, S70 6BN<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: PPC/B/55<br>Dated: 24th March 1999<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br>**Status: Permitted**<br>Positional Accuracy: Automatically positioned to the address | B9SW (NW) | 428 | 2 | 433968 406369 |
| 8 | **Local Authority Pollution Prevention and Controls**<br>Name: Chinese Laundry<br>Location: 38 Summer Lane, Barnsley, S70 2nh<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: PPC/B/80<br>Dated: Not Supplied<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br>**Status: Permitted**<br>Positional Accuracy: Manually positioned to the address or location | B9NW (NW) | 466 | 2 | 433956 406430 |
| 9 | **Local Authority Pollution Prevention and Controls**<br>Name: Wm Morrison Supermarkets Plc<br>Location: Lower Thomas Street, Off Westway, Barnsley, S70 1lq<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: PPC/B/61<br>Dated: 31st October 2003<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br>**Status: Permitted**<br>Positional Accuracy: Manually positioned to the address or location | B9SE (E) | 720 | 2 | 434394 406060 |
| 9 | **Local Authority Pollution Prevention and Controls**<br>Name: Westway Filling Station<br>Location: West Way, Barnsley, S70 1PN<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: Epa/Petrol27<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br>**Status: Not Supplied**<br>Positional Accuracy: Manually positioned to the address or location | B9SE (E) | 725 | 2 | 434399 406062 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 10 | **Local Authority Pollution Prevention and Controls**<br>Name: Johnson Dry Cleaners Ltd<br>Location: 14 Peel Square, Barnsley, S70 1YA<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: PPC/B/74<br>Dated: Not Supplied<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br>***Status:*** ***Permitted***<br>Positional Accuracy: Manually positioned to the address or location | B9SE (NE) | 791 | 2 | 434428 406298 |
| 11 | **Local Authority Pollution Prevention and Controls**<br>Name: Advance Dry Cleaners<br>Location: Unit K2 New Street, Barnsley, S70 1SB<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: PPC/B/86<br>Dated: Not Supplied<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br>**Status:** **Permitted**<br>Positional Accuracy: Manually positioned to the road within the address or location | B10SW (E) | 922 | 2 | 434592 406140 |
| 12 | **Local Authority Pollution Prevention and Controls**<br>Name: Intake Developments Ltd<br>Location: Park Road, Barnsley, S70 1YB<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: PPC/B/68<br>Dated: 24th August 1999<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br>**Status:** **Permitted**<br>Positional Accuracy: Manually positioned to the address or location | B5SE (SE) | 980 | 2 | 434490 405514 |
| 12 | **Local Authority Pollution Prevention and Controls**<br>Name: Save Service Station(Kingstone)<br>Location: Park Road, Barnsley, S70 1YB<br>Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards<br>Permit Reference: Not Supplied<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br>**Status:** **Authorisation revokedRevoked**<br>Positional Accuracy: Manually positioned to the address or location | B5SE (SE) | 980 | 2 | 434490 405514 |
| | **Nearest Surface Water Feature** | B5SW (SW) | 494 | - | 433960 405649 |
| | **Water Abstractions**<br>Operator: C C Cooper Limited<br>Licence Number: 2/27/08/045<br>Permit Version: Not Supplied<br>Location: Location Description Not Available<br>Authority: Environment Agency, North East Region<br>Abstraction: Cooling<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 295<br>Yearly Rate (m3): 107522<br>Details: Licence Lapsed<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | B14SE (NE) | 1709 | 1 | 435100 407000 |

# Agency & Hydrological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Water Abstractions**<br>Operator: Yorkshire Water Plc<br>Licence Number: 2/27/08/057<br>Permit Version: Not Supplied<br>Location: County Borough Of Barnsley<br>Authority: Environment Agency, North East Region<br>Abstraction: Unclassified (Other)<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 18<br>Yearly Rate (m3): 2273<br>Details: Not Supplied<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | (N) | 1828 | 1 | 434800<br>407500 |
| | **Groundwater Vulnerability**<br>Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers<br>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<br>Map Sheet: Sheet 11 South Pennines<br>Scale: 1:100,000 | B1NW (S) | 0 | 1 | 434036<br>405094 |
| | **Drift Deposits**<br>None | | | | |
| | **Extreme Flooding from Rivers or Sea without Defences**<br>None | | | | |
| | **Flooding from Rivers or Sea without Defences**<br>None | | | | |
| | **Areas Benefiting from Flood Defences**<br>None | | | | |
| | **Flood Water Storage Areas**<br>None | | | | |
| | **Flood Defences**<br>None | | | | |

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Historical Landfill Sites** | | | | |
| 13 | Licence Holder: Mr A J Shaw<br>Location: Barnsley<br>Name: Spring Street<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD04331<br>First Input Date: 31st December 1993<br>Last Input Date: 31st December 1993<br>Specified Waste Type: Not Supplied<br>EA Waste Ref:<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: Not Supplied<br>Other Ref: 4400/(159), (159)B, WD24 B343, WD34.16.16 | B5NE (SE) | 633 | 1 | 434293 405913 |
| | ***Local Authority Landfill Coverage*** | | | | |
| | Name: Barnsley Metropolitan Borough Council - Has supplied landfill data | | 0 | 2 | 434266 411048 |
| | **Registered Waste Transfer Sites** | | | | |
| 14 | Licence Holder: Parco Autoparts Ltd<br>Licence Reference: WD20 B 913<br>Site Location: Upper New Street, BARNSLEY, South Yorkshire, S70 1YC<br>Operator Location: Lea Francis House, Station Road, Balsall Common, COVENTRY, West Midlands, CV7 7FD<br>Authority: Environment Agency - North East Region, Ridings Area<br>Site Category: Transfer<br>Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br>Waste Source Restrictions: No known restriction on source of waste<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st September 1992<br>Preceded By Licence: Not Given<br>Superseded By Licence: Not Given<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste Cellulose Waste Res.From Paint Spray. Max.Storage Paint Thinners And | B5NE (E) | 833 | 1 | 434500 405950 |

# Geological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 15 | **BGS Recorded Mineral Sites**<br>Site Name: Kingstone Place<br>Location: Worsbrough Common, Worsbrough, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 37871<br>Type: Opencast<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Not Supplied<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | B1NW (S) | 763 | 3 | 433983 405340 |
| 16 | **BGS Recorded Mineral Sites**<br>Site Name: Barnsley Colliery<br>Location: Barnsley, South Yorkshire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 37845<br>Type: Underground<br>**Status: Ceased**<br>Operator: Unknown Operator<br>Operator Location: Not Supplied<br>Periodic Type: Not Supplied<br>Geology: Pennine Coal Measures Group<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m | B13SW (N) | 998 | 3 | 434177 406937 |
| | **BGS 1:625,000 Solid Geology**<br>*Description: Lower Westphalian (mainly Productive Coal Measures)* | *(E)* | *0* | 3 | 436955 406936 |
| | **Coal Mining Affected Areas**<br>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. | (SW) | 0 | 4 | 425000 397000 |
| | **Mining Instability**<br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied | (E) | 0 | - | 440000 404500 |
| | **Potential for Collapsible Ground Stability Hazards**<br>No Hazard | | | | |
| | **Potential for Compressible Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | B10SE (E) | 0 | 3 | 435000 406055 |
| | **Potential for Ground Dissolution Stability Hazards**<br>No Hazard | | | | |
| | **Potential for Landslide Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | B9SW (N) | 0 | 3 | 434175 406350 |
| | **Potential for Running Sand Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | B10SE (E) | 0 | 3 | 435000 406055 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service | B9SW (NW) | 0 | 3 | 434175 406125 |
| | **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service | B5NW (S) | 0 | 3 | 434225 405850 |
| | **Radon Potential - Radon Affected Areas**<br>Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service | B5NW (S) | 0 | 3 | 434223 405925 |
| | **Radon Potential - Radon Protection Measures**<br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | B5NW (S) | 0 | 3 | 434223 405925 |
| | **Shallow Mining Hazards**<br>Risk: Low-Moderate<br>Source: British Geological Survey, National Geoscience Information Service | B5NW (SW) | 0 | 3 | 434066 405989 |

# Geological

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| | **Shallow Mining Hazards**<br>Risk: Low-Moderate<br>Source: British Geological Survey, National Geoscience Information Service | (NW) | 184 | 3 | 433712<br>406605 |

# Industrial Land Use

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 17 | **Fuel Station Entries**<br>Name: Wharncliffe Garage<br>Location: Summer Lane, BARNSLEY, South Yorkshire, S70 6BN<br>Brand: Total<br>*Premises Type:* *Petrol Station*<br>**Status:** **Open**<br>Positional Accuracy: Automatically positioned to the address | B9SW (NW) | 427 | - | 433968 406369 |
| 18 | **Fuel Station Entries**<br>Name: Westways Service Station<br>Location: 1 Westways, BARNSLEY, South Yorkshire, S70 1PN<br>*Brand:* Obsolete<br>*Premises Type:* *Not Applicable*<br>**Status:** **Obsolete**<br>Positional Accuracy: Automatically positioned to the address | B9SE (NE) | 689 | - | 434350 406190 |
| 19 | **Fuel Station Entries**<br>Name: Morrisons Barnsley<br>Location: Morrisons Barnsley, Lower Thomas Street, Kingstone,, BARNSLEY, South Yorkshire, S70 1LP<br>*Brand:* *Morrisons*<br>Premises Type: Hypermarket<br>**Status:** ***Open***<br>Positional Accuracy: Manually positioned to the address or location | B9SE (E) | 720 | - | 434394 406060 |
| 20 | **Fuel Station Entries**<br>Name: Jet Intake 3<br>Location: Park Road, BARNSLEY, South Yorkshire, S70 1YB<br>*Brand:* *Jet*<br>Premises Type: Petrol Station<br>**Status:** **Open**<br>Positional Accuracy: Manually positioned to the address or location | B5SE (SE) | 980 | - | 434490 405514 |

# Sensitive Land Use

| Map ID | Details | Quadrant Reference (Compass | Estimated Distance From Site | Contact | NGR |
|---|---|---|---|---|---|
| 21 | **Areas of Adopted Green Belt**<br>Authority: Barnsley Metropolitan Borough Council, Planning Department<br>Plan Name: Barnsley Unitary Development Plan<br>**Status: Adopted**<br>Plan Date: 31st December 2000 | B5SE (S) | 313 | 5 | 434261 405449 |
| 22 | **Nitrate Vulnerable Zones**<br>Name: Not Supplied<br>Description: Surface Water<br>Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | (S) | 0 | 7 | 434223 400000 |

# Data Currency

| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Contaminated Land Register Entries and Notices** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | August 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | July 2008 | Annual Rolling Update |
| **Discharge Consents** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **Enforcement and Prohibition Notices** | | |
| Environment Agency - North East Region | December 2008 | As notified |
| **Integrated Pollution Controls** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **Integrated Pollution Prevention And Control** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| ***Local Authority Integrated Pollution Prevention And Control*** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | February 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | July 2008 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Controls** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | February 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | July 2008 | Annual Rolling Update |
| **Local Authority Pollution Prevention and Control Enforcements** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | February 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council - Environmental Health | July 2008 | Annual Rolling Update |
| **Nearest Surface Water Feature** | | |
| Ordnance Survey | September 2008 | 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 | December 2008 | As notified |
| **Prosecutions Relating to Controlled Waters** | | |
| Environment Agency - North East Region | December 2008 | As notified |
| **Registered Radioactive Substances** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **River Quality** | | |
| Environment Agency - Head Office | November 2001 | Not Applicable |
| **River Quality Biology Sampling Points** | | |
| Environment Agency - Head Office | September 2007 | Annually |
| **River Quality Chemistry Sampling Points** | | |
| Environment Agency - Head Office | August 2007 | Annually |
| **Substantiated Pollution Incident Register** | | |
| Environment Agency - North East Region - Ridings Area | October 2008 | Quarterly |
| **Water Abstractions** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **Water Industry Act Referrals** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **Groundwater Vulnerability** | | |
| Environment Agency - Head Office | January 1999 | Not Applicable |
| **Drift Deposits** | | |
| Environment Agency - Head Office | January 1999 | Not Applicable |
| **Source Protection Zones** | | |
| Environment Agency - Head Office | September 2008 | Variable |
| **Extreme Flooding from Rivers or Sea without Defences** | | |
| Environment Agency - Head Office | November 2008 | Quarterly |

# Data Currency

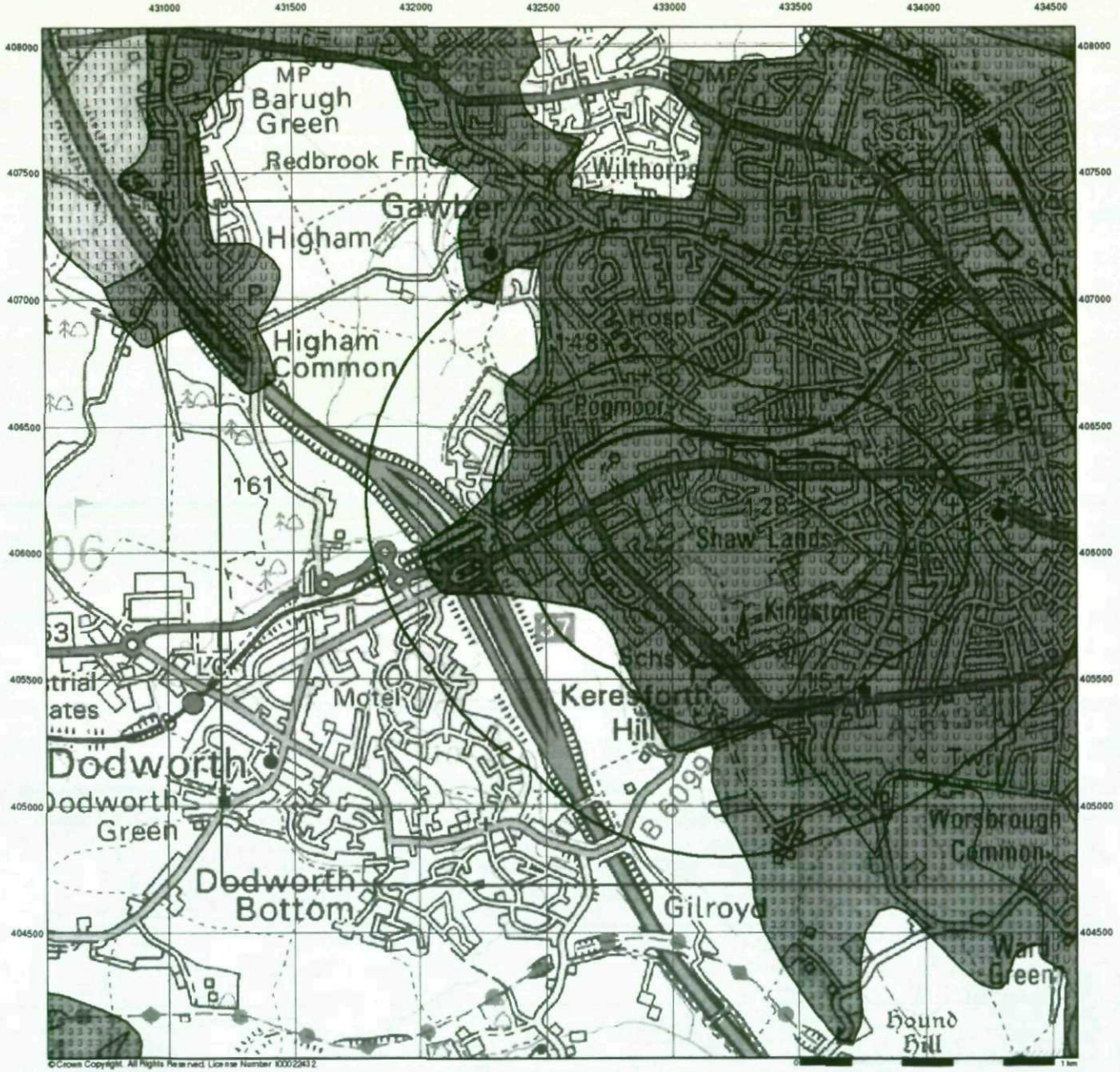
| Agency & Hydrological | Version | Update Cycle |
|---|---|---|
| **Flooding from Rivers or Sea without Defences** | | |
| Environment Agency - Head Office | November 2008 | Quarterly |
| **Areas Benefiting from Flood Defences** | | |
| Environment Agency - Head Office | October 2008 | Quarterly |
| **Flood Water Storage Areas** | | |
| Environment Agency - Head Office | October 2008 | Quarterly |
| **Flood Defences** | | |
| Environment Agency - Head Office | October 2008 | Quarterly |
| **Waste** | **Version** | **Update Cycle** |
| **BGS Recorded Landfill Sites** | | |
| British Geological Survey - National Geoscience Information Service | June 1996 | Not Applicable |
| **Historical Landfill Sites** | | |
| Environment Agency - North East Region - Ridings Area | November 2008 | Quarterly |
| **Integrated Pollution Control Registered Waste Sites** | | |
| Environment Agency - North East Region | October 2008 | Quarterly |
| **Licensed Waste Management Facilities (Landfill Boundaries)** | | |
| Environment Agency - North East Region - Ridings Area | November 2008 | Quarterly |
| **Licensed Waste Management Facilities (Locations)** | | |
| Environment Agency - North East Region - Ridings Area | August 2008 | Quarterly |
| **Local Authority Landfill Coverage** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | May 2000 | Not Applicable |
| Wakefield City Metropolitan District Council - Environmental Health | May 2000 | Not Applicable |
| **Local Authority Recorded Landfill Sites** | | |
| Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards | May 2000 | Not Applicable |
| Wakefield City Metropolitan District Council - Environmental Health | May 2000 | 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 | October 2008 | Bi-Annually |
| **Explosive Sites** | | |
| Health and Safety Executive | July 2008 | Bi-Annually |
| **Notification of Installations Handling Hazardous Substances (NIHHS)** | | |
| Health and Safety Executive | November 2000 | Not Applicable |
| **Planning Hazardous Substance Enforcements** | | |
| Barnsley Metropolitan Borough Council - Planning Department | July 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council | May 2008 | Annual Rolling Update |
| **Planning Hazardous Substance Consents** | | |
| Barnsley Metropolitan Borough Council - Planning Department | July 2008 | Annual Rolling Update |
| Wakefield City Metropolitan District Council | May 2008 | Annual Rolling Update |

# Data Currency

| Geological | Version | Update Cycle |
|---|---|---|
| **BGS Recorded Mineral Sites**<br>British Geological Survey - National Geoscience Information Service | October 2008 | Bi-Annually |
| **BGS 1:625,000 Solid Geology**<br>British Geological Survey - National Geoscience Information Service | August 1996 | Not Applicable |
| ***Brine Compensation Area***<br>Cheshire Brine Subsidence Compensation Board | November 2002 | As notified |
| **Coal Mining Affected Areas**<br>The Coal Authority - Mining Report Service | January 2006 | As notified |
| **Mining Instability**<br>Ove Arup & Partners | October 2000 | Not Applicable |
| **Natural and Mining Cavities**<br>Peter Brett Associates | December 2005 | Variable |
| **Potential for Collapsible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Compressible Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Ground Dissolution Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Landslide Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Running Sand Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Potential for Shrinking or Swelling Clay Ground Stability Hazards**<br>British Geological Survey - National Geoscience Information Service | January 2008 | Annually |
| **Radon Potential - Radon Affected Areas**<br>British Geological Survey - National Geoscience Information Service | May 2007 | Annually |
| **Radon Potential - Radon Protection Measures**<br>British Geological Survey - National Geoscience Information Service | May 2007 | Annually |
| ***Shallow Mining Hazards***<br>British Geological Survey - National Geoscience Information Service | August 2002 | Not Applicable |
| **Industrial Land Use** | **Version** | **Update Cycle** |
| **Contemporary Trade Directory Entries**<br>Thomson Directories | August 2008 | Quarterly |
| **Fuel Station Entries**<br>Catalist Ltd - (Fuel Station Data) | November 2008 | Quarterly |

# Data Currency

| Sensitive Land Use | Version | Update Cycle |
|---|---|---|
| **Areas of Adopted Green Belt** | | |
| Barnsley Metropolitan Borough Council - Planning Department | December 2000 | As notified |
| Wakefield City Metropolitan District Council | January 2003 | As notified |
| **Areas of Unadopted Green Belt** | | |
| Barnsley Metropolitan Borough Council - Planning Department | December 2000 | As notified |
| Wakefield City Metropolitan District Council | January 2003 | As notified |
| **Areas of Outstanding Natural Beauty** | | |
| Natural England | January 2008 | Bi-Annually |
| **Environmentally Sensitive Areas** | | |
| Natural England | January 2008 | Annually |
| **Forest Parks** | | |
| Forestry Commission | April 1997 | Not Applicable |
| **Local Nature Reserves** | | |
| Natural England | June 2008 | Bi-Annually |
| **Marine Nature Reserves** | | |
| Natural England | June 2008 | Bi-Annually |
| **National Nature Reserves** | | |
| Natural England | June 2008 | Bi-Annually |
| **National Parks** | | |
| Natural England | January 2008 | Annually |
| **Nitrate Sensitive Areas** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | December 2003 | Not Applicable |
| **Nitrate Vulnerable Zones** | | |
| Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | May 2007 | Annually |
| **Ramsar Sites** | | |
| Natural England | June 2008 | Bi-Annually |
| **Sites of Special Scientific Interest** | | |
| Natural England | June 2008 | Bi-Annually |
| **Special Areas of Conservation** | | |
| Natural England | June 2008 | Bi-Annually |
| **Special Protection Areas** | | |
| Natural England | June 2008 | Bi-Annually |




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## Groundwater Vulnerability

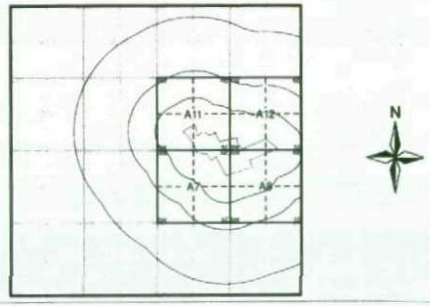
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



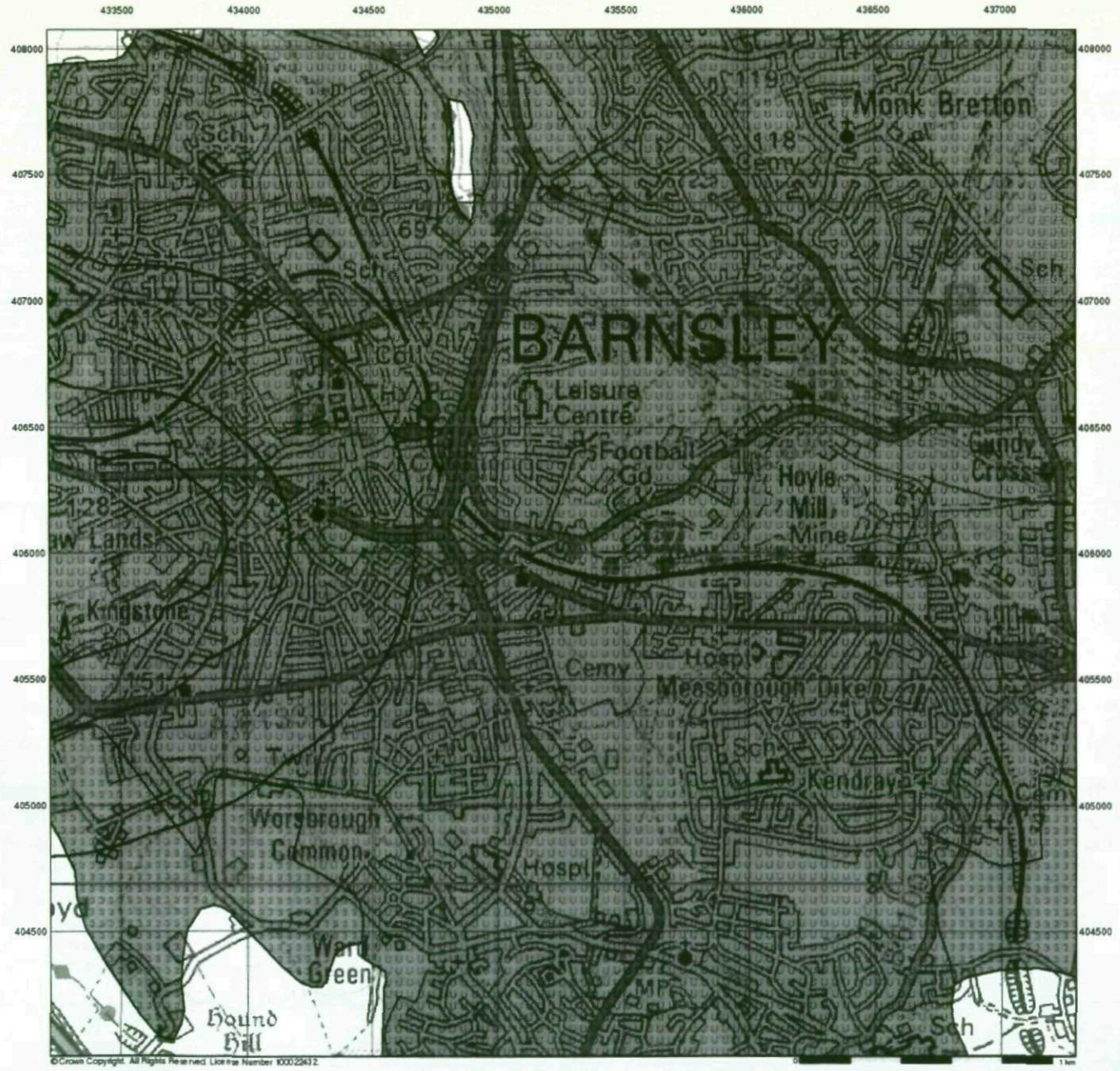

### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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




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# Groundwater Vulnerability

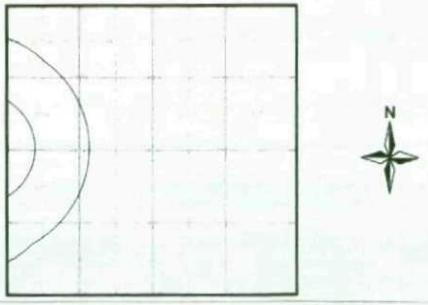
## General

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

## Agency and Hydrological

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

## Site Sensitivity Context Map - Slice B



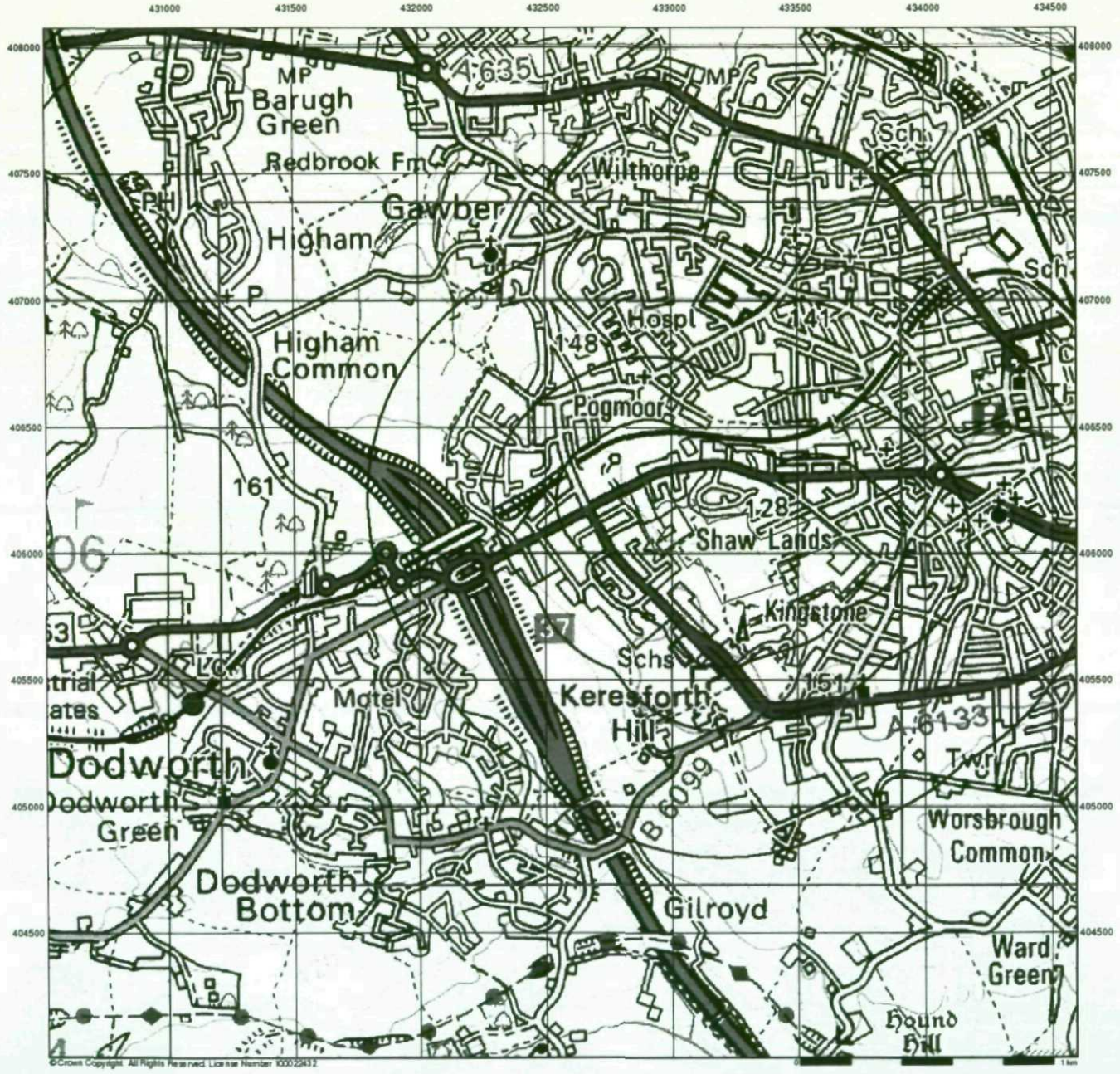

## Order Details

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| Customer Ref: | GLH/01 |
| National Grid Reference: | 434220, 406060 |
| Slice: | B |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

## Site Details

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## Source Protection Zones

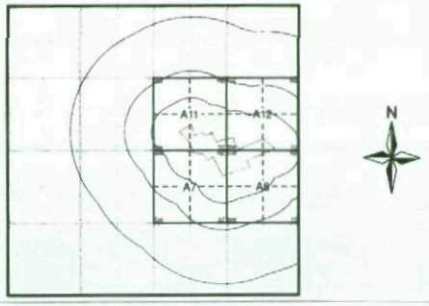
### General

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

### Agency and Hydrological

Source Protection Zone I
Source Protection Zone II
Source Protection Zone III
Zone of Special Interest
Source Protection Zone Borehole

### Site Sensitivity Context Map - Slice A

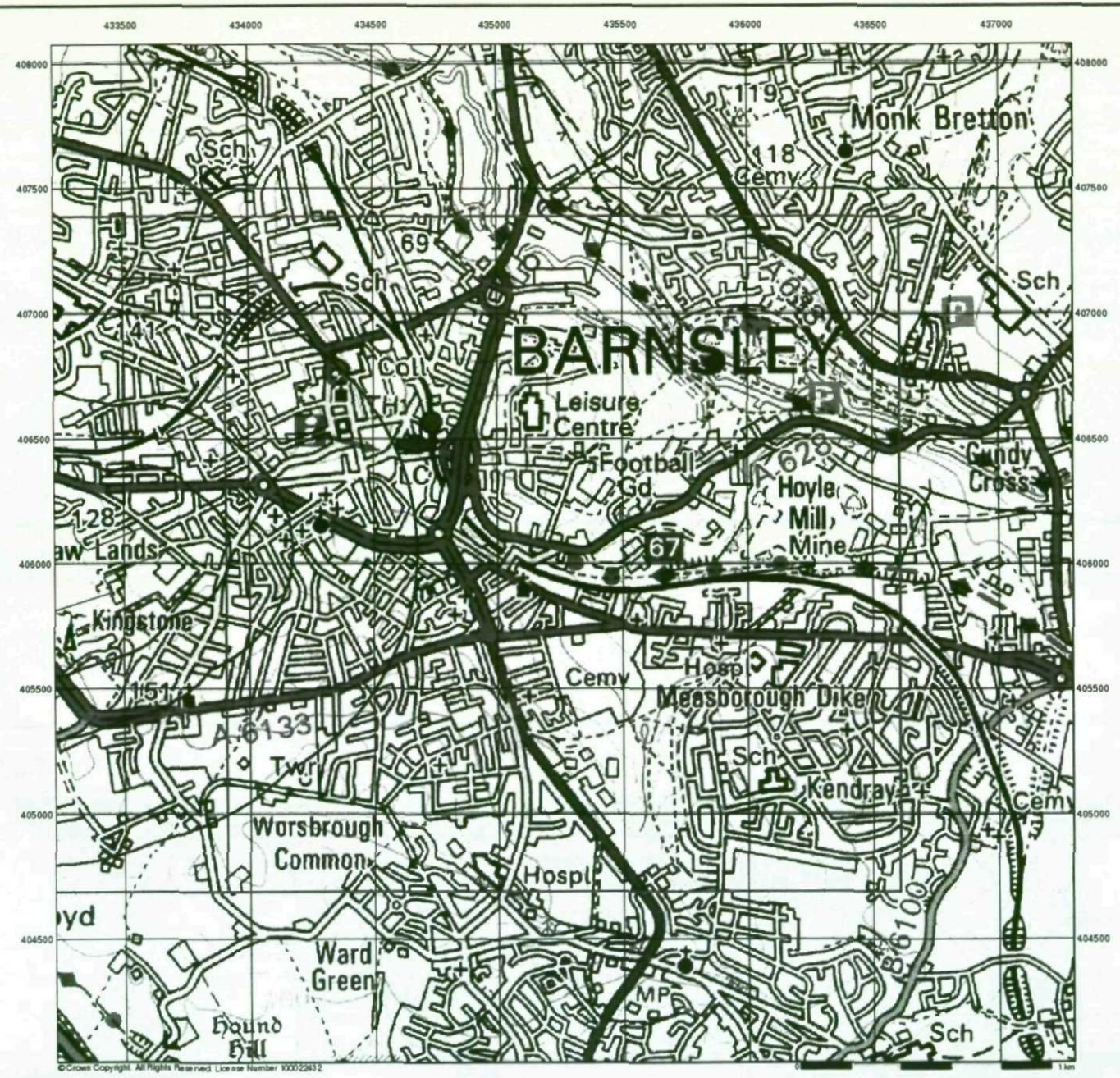



### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP




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## Source Protection Zones

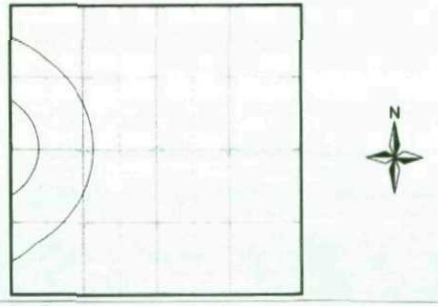
### General

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

### Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

### Site Sensitivity Context Map - Slice B




### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 434220, 406060 |
| Slice: | B |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

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Web: www.envirocheck.co.uk




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## Sensitive Land Uses

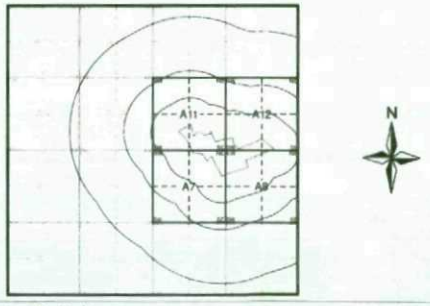
### General

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

### Sensitive Land Uses

- 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

### Site Sensitivity Context Map - Slice A

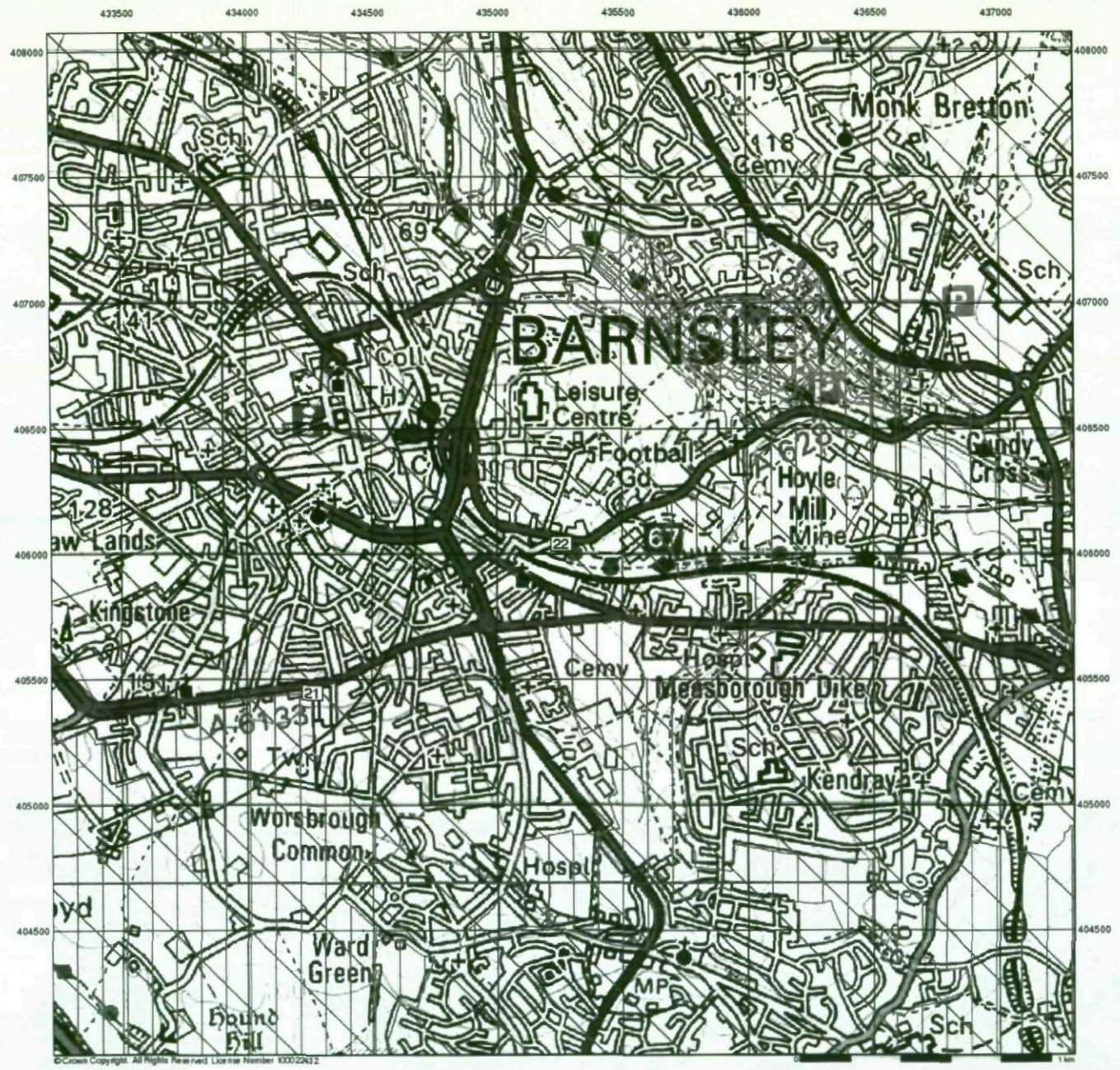



### Order Details

| | |
|---|---|
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| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP




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## Sensitive Land Uses

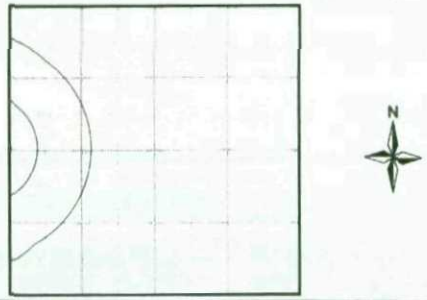
### General

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

### Sensitive Land Uses

- 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

### Site Sensitivity Context Map - Slice B

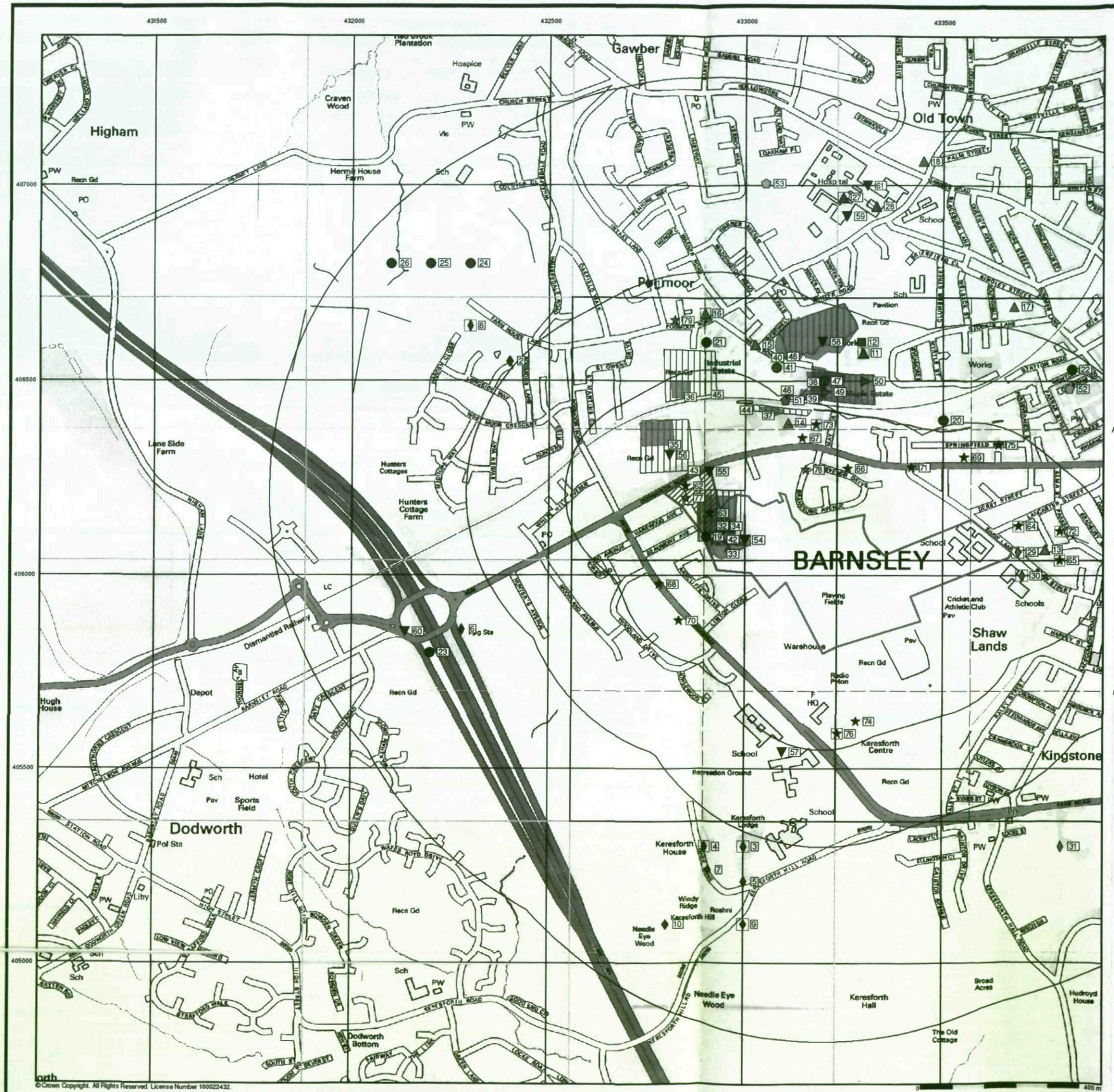



### Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 434220, 406060 |
| Slice: | B |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

### Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP



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## General

Specified Site | Specified Buffer(s) | X Bearing Reference Point | 8 Map ID
Several of Type at Location

## Agency and Hydrological

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

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

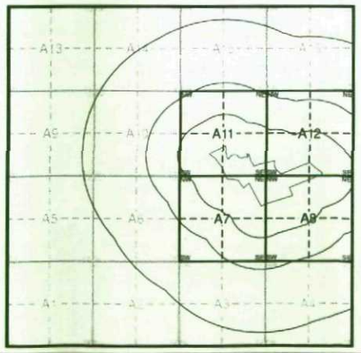
## Waste

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

## Hazardous Substances

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

## Site Sensitivity Map - Slice A



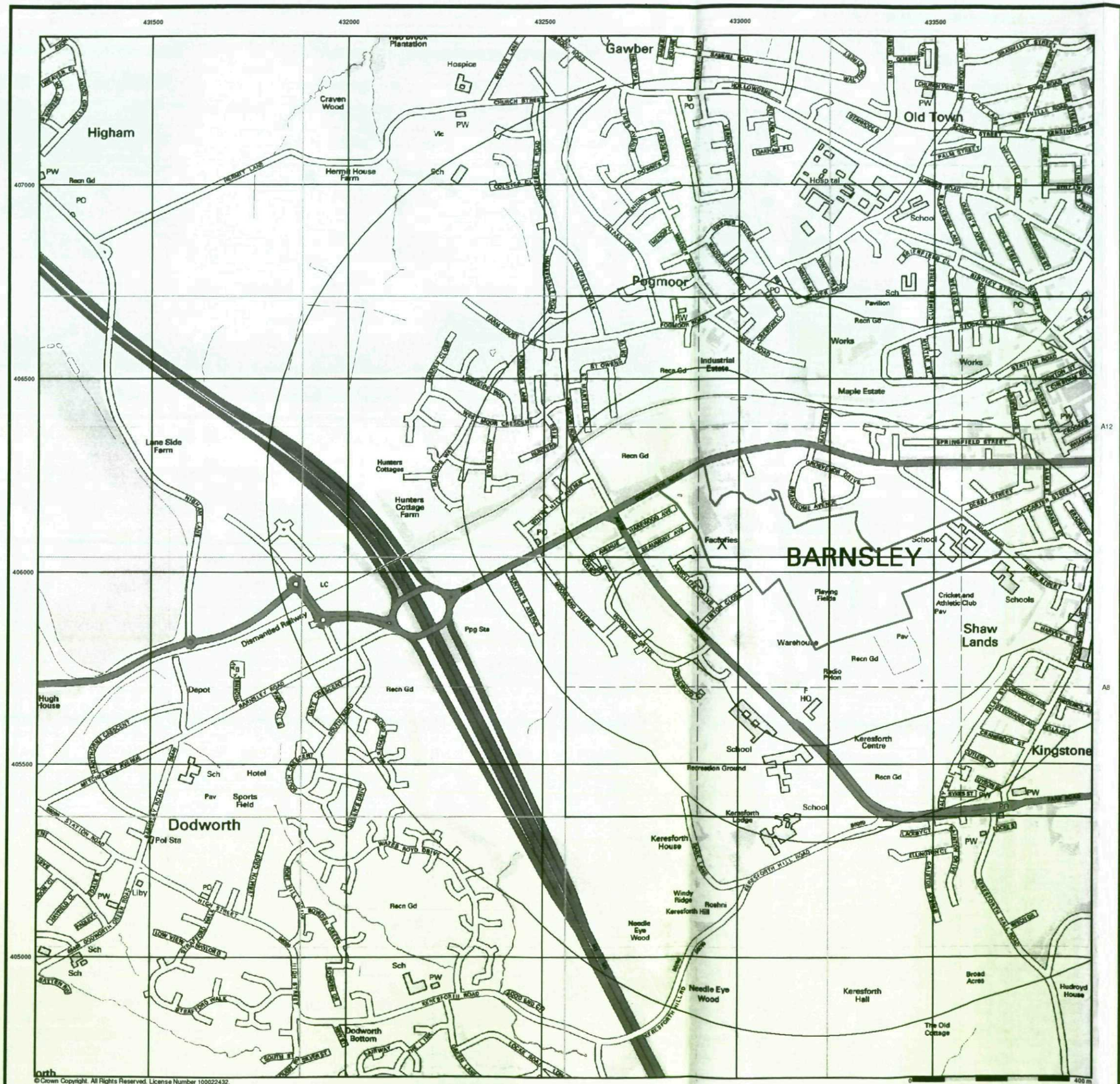

## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

## Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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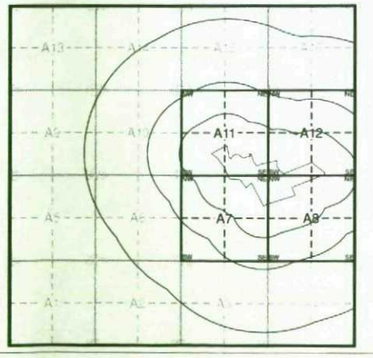
## General

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

## Agency and Hydrological (Flood)

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

## Flood Map - Slice A



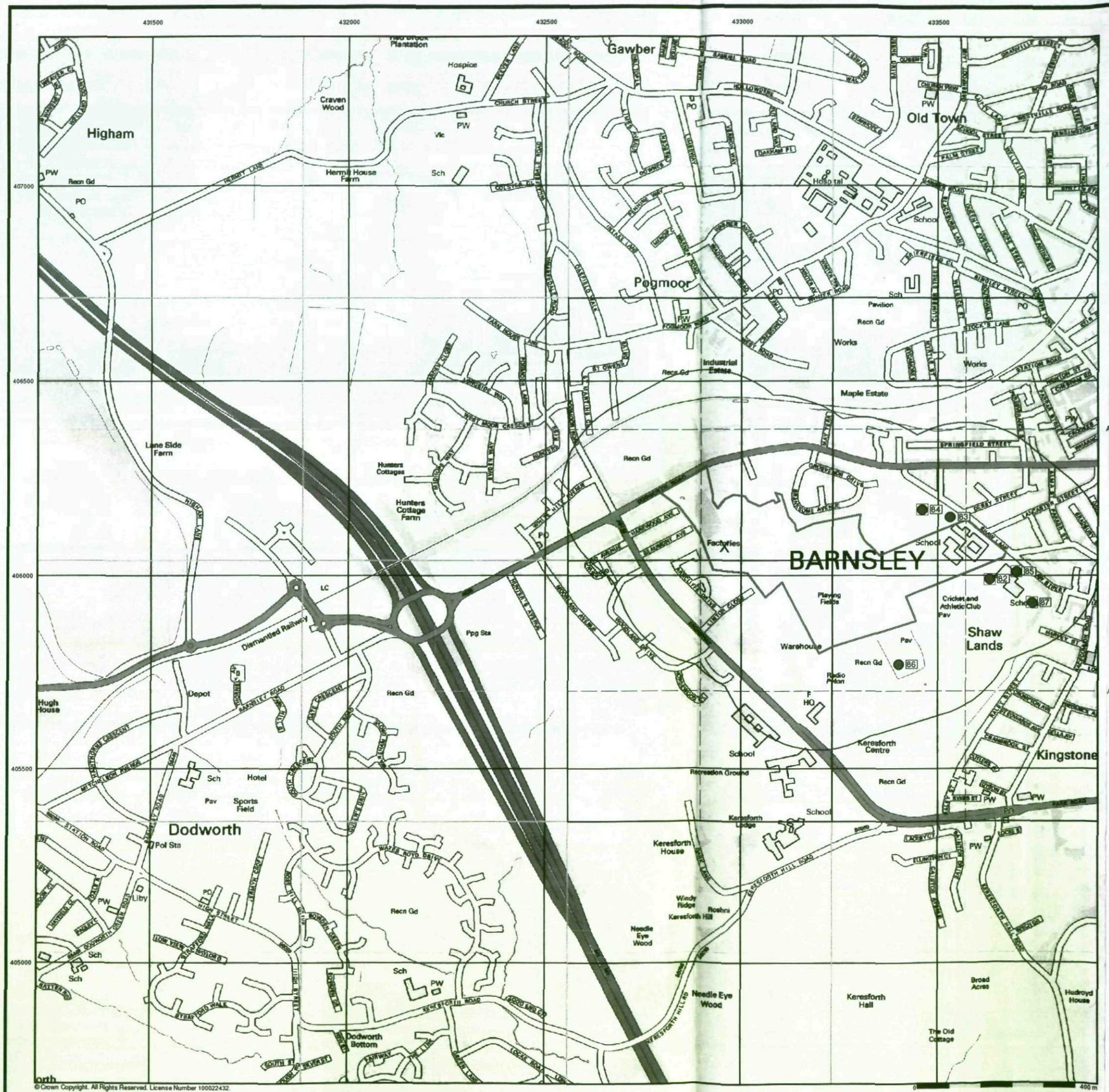

## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

## Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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




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## General

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

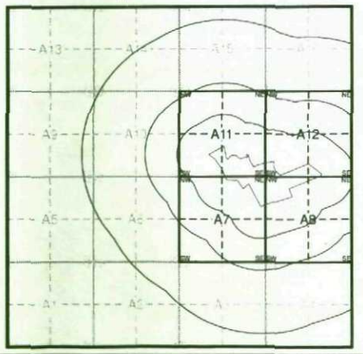
## Agency and Hydrological (Boreholes)

- 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



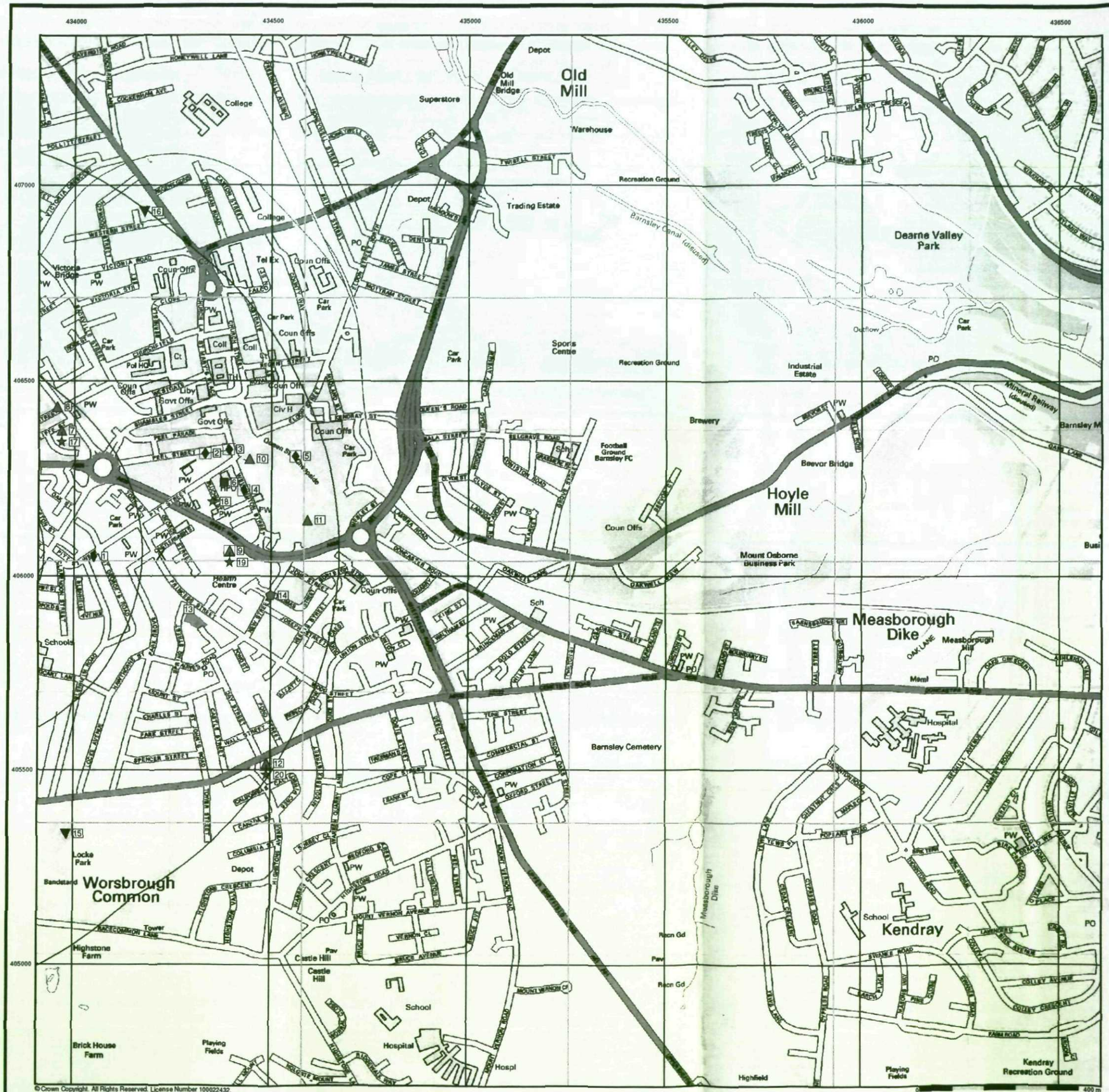

## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

## Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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Web: www.envirocheck.co.uk




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**ARP GEOTECHNICAL LTD**
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## General

Specified Site | Specified Buffer(s) | X Bearing Reference Point | 8 Map ID
Several of Type at Location

## Agency and Hydrological

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

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

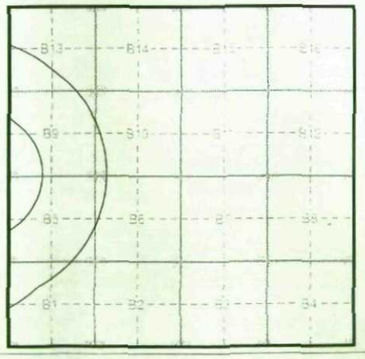
## Waste

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

## Hazardous Substances

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

## Site Sensitivity Map - Slice B



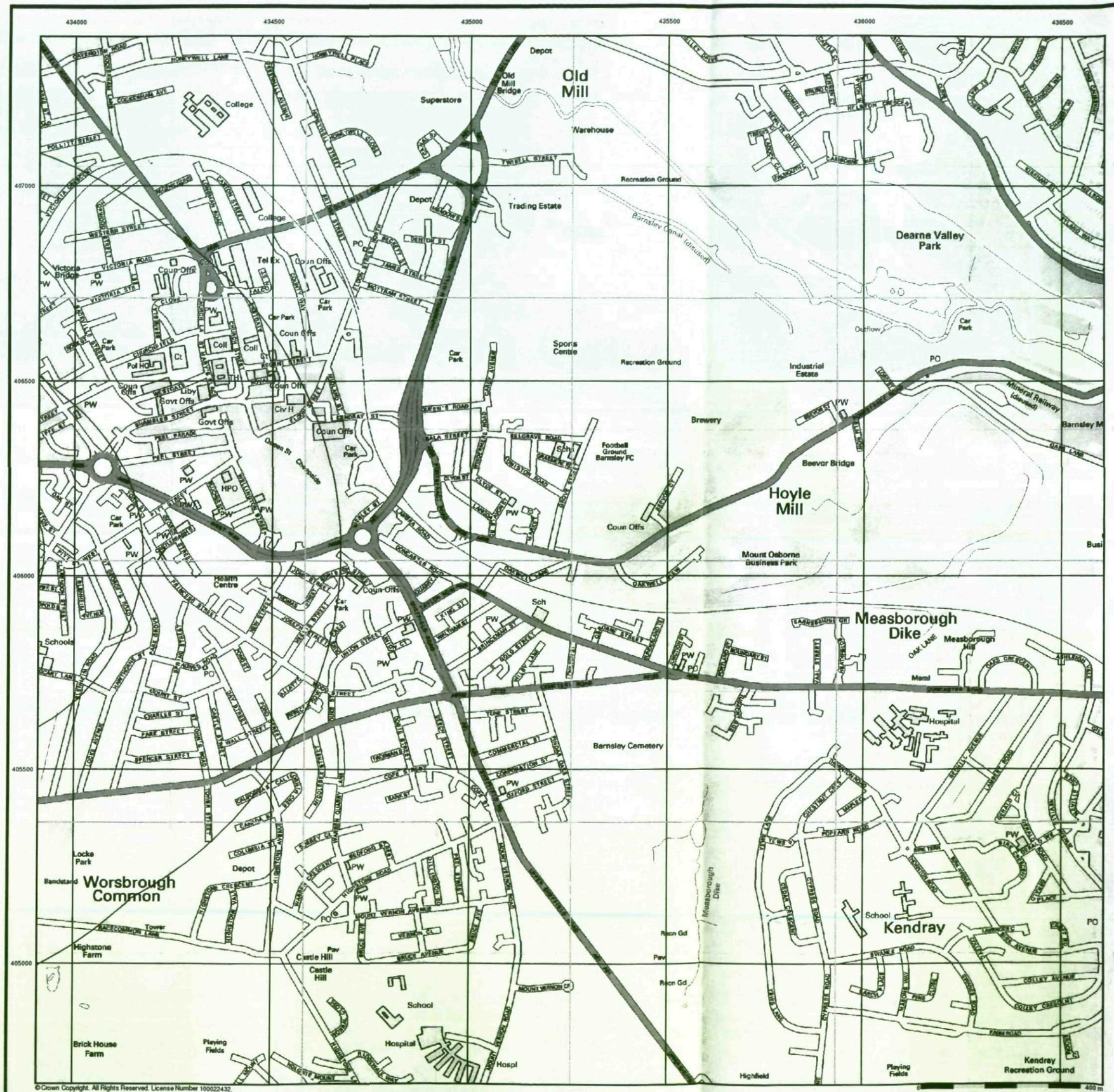

## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 434220, 406060 |
| Slice: | B |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

## Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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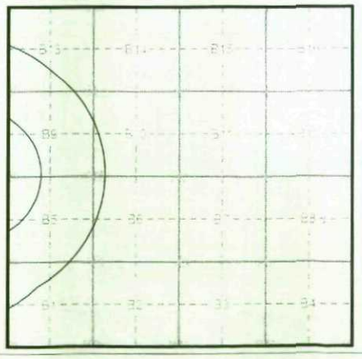
## General

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

## Agency and Hydrological (Flood)

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

## Flood Map - Slice B




N

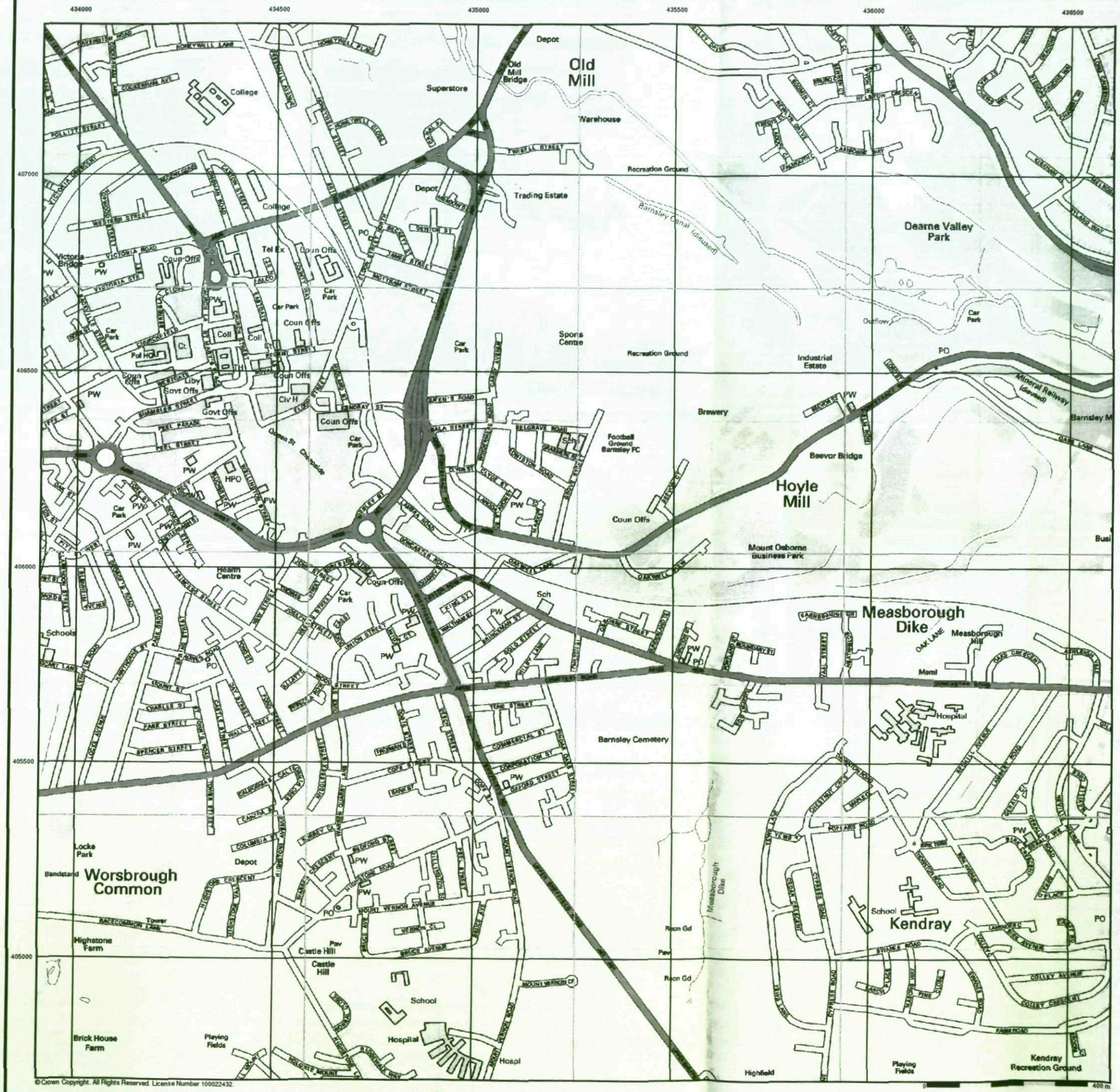
## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 434220, 406060 |
| Slice: | B |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

## Site Details

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## General

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

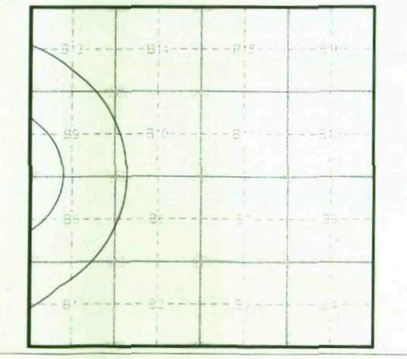
## Agency and Hydrological (Boreholes)

- 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 B



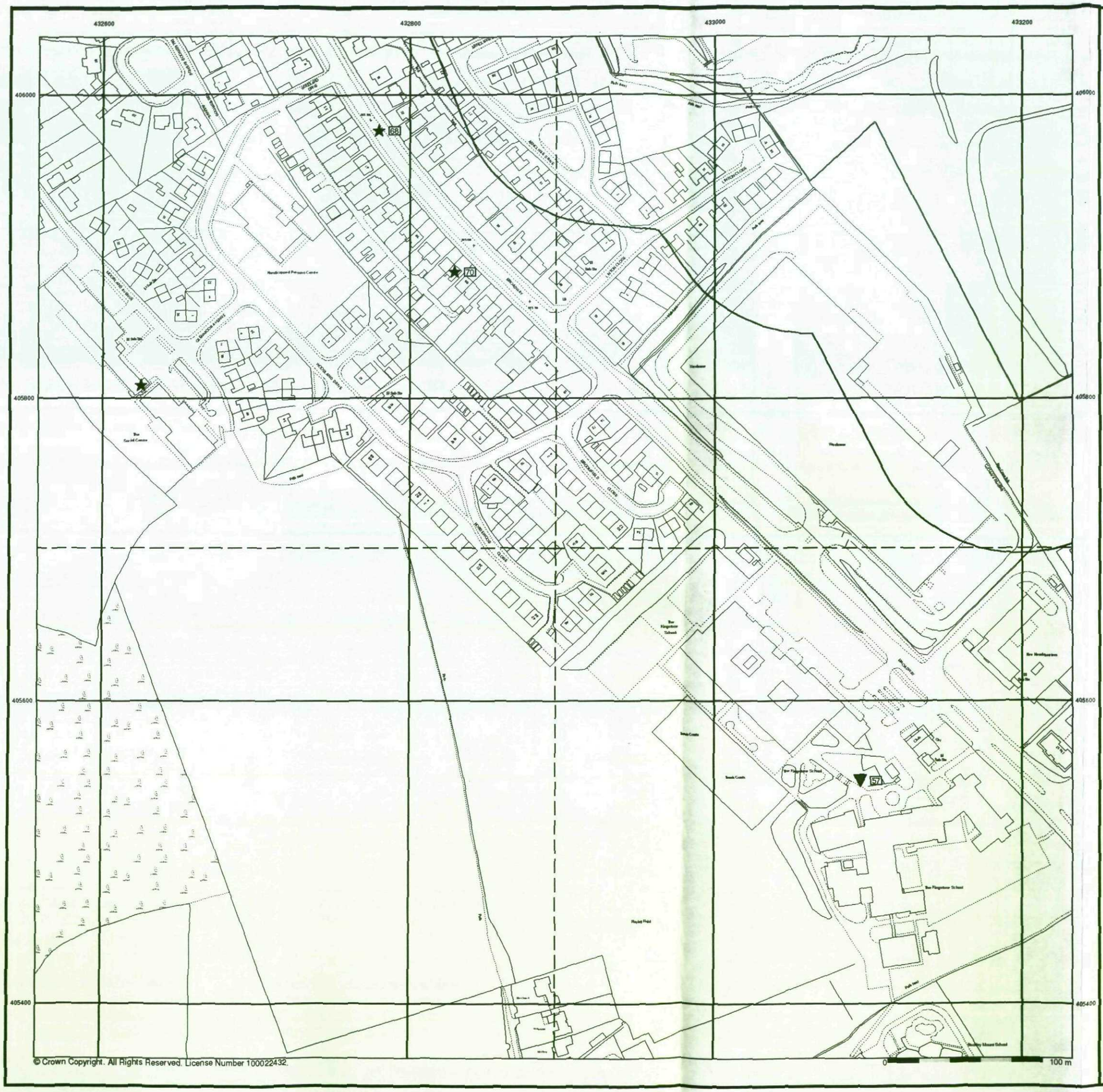

## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 434220, 406060 |
| Slice: | B |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

## Site Details

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## General

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

## Agency and Hydrological

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

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

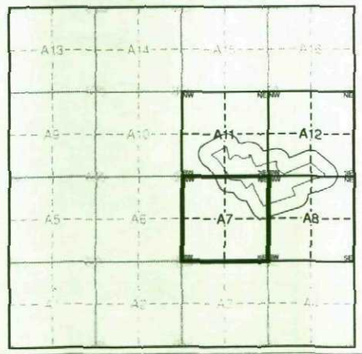
## Waste

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

## Hazardous Substances

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

## Site Sensitivity Map - Segment A7



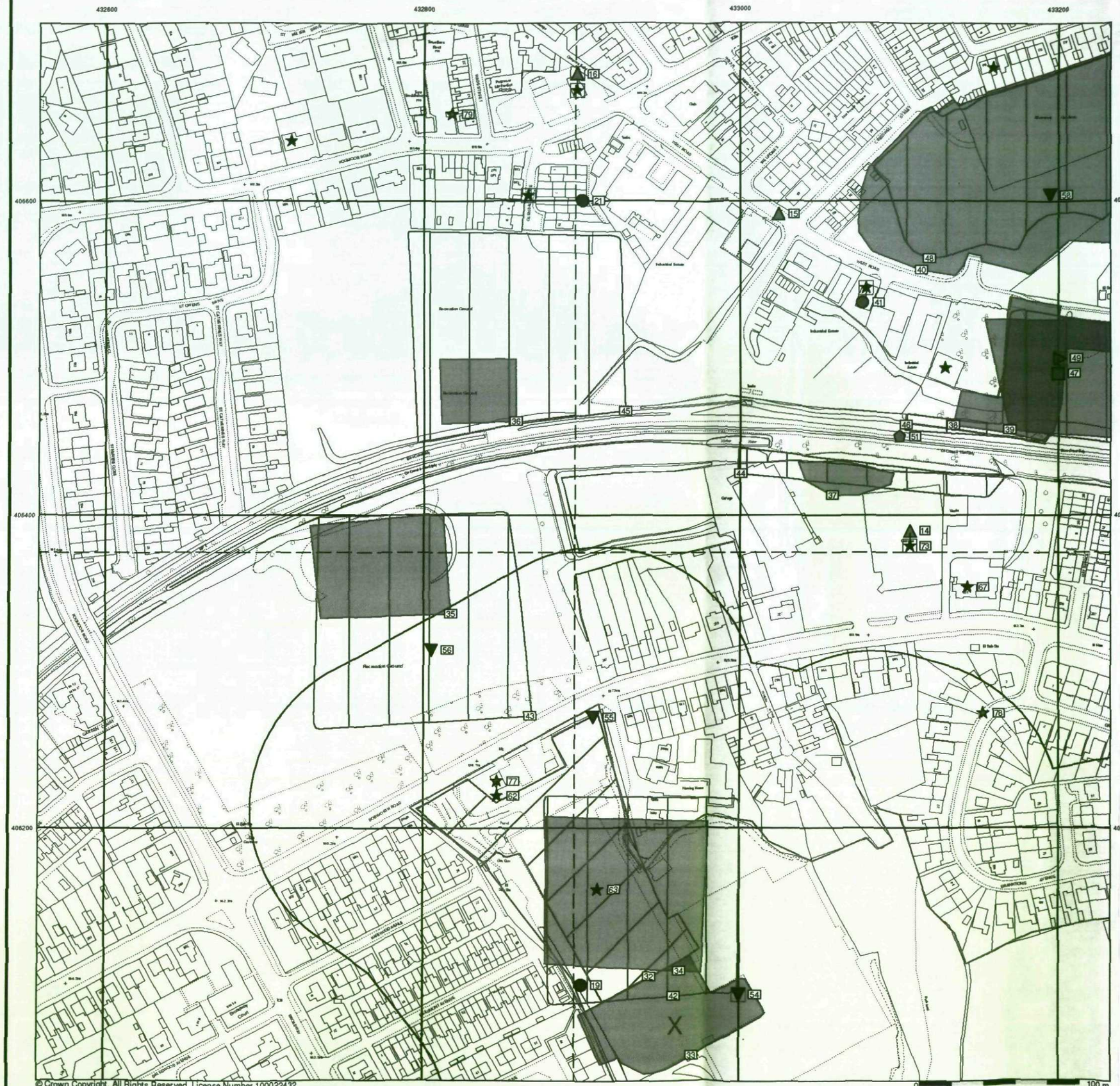

## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Plot Buffer (m): | 100 |

## Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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## General

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

## Agency and Hydrological

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

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

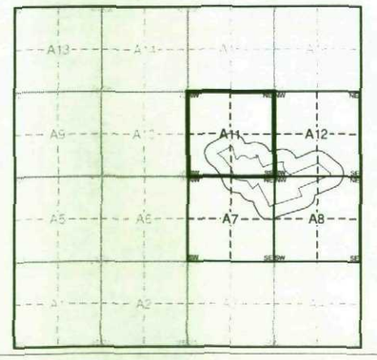
## Waste

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

## Hazardous Substances

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

## Site Sensitivity Map - Segment A11




## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Plot Buffer (m): | 100 |

## Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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## General

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

## Agency and Hydrological

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

## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

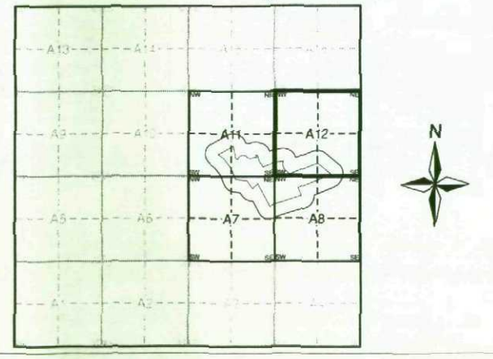
## Waste

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

## Hazardous Substances

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

## Site Sensitivity Map - Segment A12



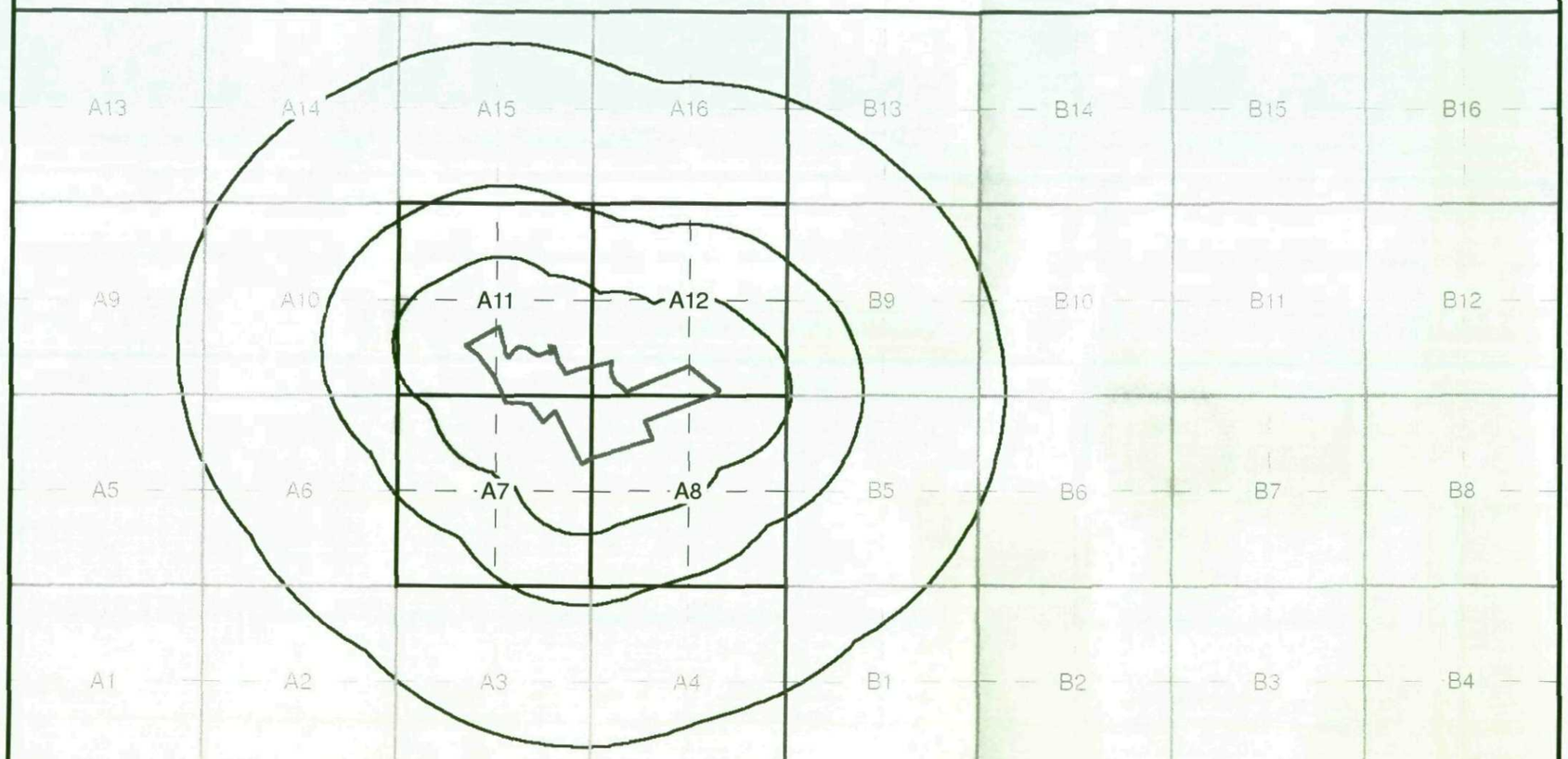

## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 432960, 406070 |
| Slice: | A |
| Site Area (Ha): | 16.19 |
| Plot Buffer (m): | 100 |

## Site Details

Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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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:

Ordnance Survey® Licensed Partner

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

## Client Details
Mr J Race, ARP Geotechnical Ltd, Northwest House, 5-6 Northwest Busines Park, Servia Hill, Leeds, LS6 2QH

## Order Details

| | |
|---|---|
| Order Number: | 26976016_1_1 |
| Customer Ref: | GLH/01 |
| National Grid Reference: | 433220, 406040 |
| Site Area (Ha): | 16.19 |
| Search Buffer (m): | 1000 |

## Site Details
Holgate School, Shaw Lane, BARNSLEY, South Yorkshire, S70 6EP

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c. The headings in these Terms are for convenience only and shall not affect the meaning or interpretation of any part of these Terms.

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a. You acknowledge that all Intellectual Property Rights in the Services are and shall remain owned by either Landmark or our Suppliers and nothing in these Terms purports to transfer, assign or grant any rights to You in respect of the Intellectual Property Rights.

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   ii. any person who purchases the whole of the Property Site,
   iii. any person who provides funding secured on the whole of the Property Site,
   iv. any person for whom You act in a professional or commercial capacity,
   v. any person who acts for You in a professional or commercial capacity; and
   vi. prospective buyers of the Property Site as part of an Information Pack but for the avoidance of doubt, Landmark shall have no liability to such prospective buyer unless the prospective buyer subsequently purchases the Property Site, and the prospective (or actual) buyer shall not be entitled to make the Service available to any other third party.
   Accordingly Landmark shall have the same duties and obligations to those persons in respect of the Services as it has to You.

c. Each of those persons referred to in clause 3.b. shall have the benefit and the burden of Your rights and obligations under these Terms. The limitations of Landmark's liability as set out in clause 6 shall apply to all users of the Service in question in aggregate and Landmark shall not be liable to any other person.

d. All parties given access to the Services agree that they will treat as strictly private and confidential the Services and all information which they obtain from the Services and shall restrict any disclosure to employees or professional advisors to enable the relevant party to conduct its internal business. The requirement in this clause to treat the Services as confidential shall include a requirement to maintain adequate security measures to safeguard the Services from unauthorised access, use or copying.

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**4. Charges**

a. VAT at the prevailing rate shall be payable in addition to the Landmark Fees. You shall pay any other applicable indirect taxes related to Your use of the Services.

b. An individual or a monthly invoice showing all Orders created by You will be generated subject to these Terms. You will pay the Landmark Fees at the rates set out in Landmark's or its Authorised Reseller's invoice. The Landmark Fees are payable in full within 30 days without deduction, counterclaim or set off. You acknowledge that time is of the essence with respect to the payment of such invoices. Landmark reserve the right to amend the Landmark Fees from time to time and the Services will be charged at the Landmark Fee applicable at the date on which the Service is ordered.

c. We may charge interest on late payment at a rate equal to 3% per annum above the base lending rate of National Westminster Bank plc.

d. Landmark or its Authorised Reseller shall not be obliged to invoice any party other than You for the provision of Services, but where Landmark or its Authorised Reseller does so invoice any third party at Your request, and such invoice is not accepted or remains unpaid, Landmark or its Authorised Reseller shall have the option at any time to cancel such invoice and invoice You direct for such Services. Where Your order comprises a number of Services or severable elements within any one or more Services, any failure by Landmark or its Authorised Reseller to provide an element or elements of the Services shall not prejudice Landmark's or its Authorised Reseller's ability to require payment in respect of the Services delivered to You.

**5. Termination**

a. Landmark may suspend or terminate Your rights under these Terms without any liability to You with immediate effect if at any time:-
   i. You fail to make any payment due in accordance with clause 4;
   ii. You repeatedly breach or commit or cause to be committed any material breach of these Terms; or
   iii. You commit a breach and You fail to remedy the breach within 7 days of receipt of a written notice to do so; additionally, without prejudice to the foregoing, Landmark may remedy the breach and recover the costs thereof from You.

b. If Your rights are terminated under this clause and You have made an advance payment We will refund You a reasonable proportion of the balance as determined by Us in relation to the value of Services previously purchased.

c. Landmark reserves the right to refuse to supply any or all Services to You without notice or reason.

**6. Liability**

a. We provide warranties and accept liability only to the extent stated in this clause 6 and clause 7.

b. Nothing in these Terms excludes either party's liability for death or personal injury caused by that party's negligence or wilful default, and the remainder of this clause 6 is subject to this provision and Your statutory rights.

c. As most of the information contained in the Services is provided to Landmark by others, Landmark cannot control its accuracy or completeness, nor is it within the scope of Landmark's Services to check the information on the ground. Accordingly, Landmark will only be liable to You for any loss or damage caused by its negligence or willful default and subject to clause 6.o below neither Landmark nor any person providing information contained in any Services shall in any circumstances be liable for any inaccuracies, faults or omissions in the Services, nor shall Landmark have any liability if the Services are used otherwise than in accordance with these Terms.

d. Save as precluded by law, Landmark shall not be liable for any indirect or consequential loss, damage or expenses (including loss of profits, loss of contracts, business or goodwill) howsoever arising out of any problem, event, action or default by Landmark.

e. In any event, and notwithstanding anything contained in these Terms, Landmark's liability in contract, tort (including negligence or breach of statutory duty) or otherwise howsoever arising by reason or in connection with this Contract (except in relation to death or personal injury) shall be limited to an aggregate amount not exceeding £1 million if the complaint is in relation to a Report on residential property and an aggregate amount not exceeding £10 million in respect of any other Report or Service purchased from Landmark.

f. Landmark will not be liable for any defect, failure or omission relating to Services that is not notified to Landmark within six months of the date of the issue becoming apparent and in any event, within twelve years of the date of the Service.

g. You acknowledge that:-
   i. Subject to clause 6.o below You shall have no claim or recourse against any Third Party Content supplier nor any of our other Suppliers. You will not in any way hold us responsible for any selection or retention of, or the acts of omissions of Third Party Content suppliers or other Suppliers (including those with whom We have contracted to operate various aspects or parts of the Service) in connection with the Services (for the avoidance of doubt Landmark is not a Third Party Content supplier). Landmark does not promise that the supply of the Services will be uninterrupted or error free or provide any particular facilities or functions, or that the Content will always be complete, accurate, precise, free from defects of any other kind, computer viruses, software locks or other similar code although Landmark will use reasonable efforts to correct any inaccuracies within a reasonable period of them becoming known to us;
   ii. Landmark's only obligation is to exercise reasonable skill and care in providing environmental property risk information to persons acting in a professional or commercial capacity who are skilled in the use of property and environmental information and You hereby acknowledge that You are such a person;
   iii. no physical inspection of the Property Site reported on is carried out as part of any Services offered by Landmark and Landmark do not warrant that all land uses or features whether past or current will be identified in the Services. The Services do not include any information relating to the actual state or condition of any Property Site nor should they be used or taken to indicate or exclude actual fitness or unfitness of a Property Site for any particular purpose nor should it be relied upon for determining saleability or value or used as a substitute for any physical investigation or inspection. Landmark recommends that You inspect and take other advice in relation to the Property Site and not rely exclusively on the Services.
   iv. Subject to clause 6.o below, Landmark shall not be responsible for error or corruption in the Services resulting from inaccuracy or omission in primary or secondary information and data, inaccurate processing of information and data by third parties, computer malfunction or corruption of data whilst in the course of conversion, geo-coding, processing by computer or electronic means, or in the course of transmission by telephone or other communication link, or printing.
   v. Landmark will not be held liable in any way if a Report on residential property is used for commercial property or more than the one residential property for which it was ordered.
   vi. the Services have not been prepared to meet Your or anyone else's individual requirements; that You assume the entire risk as to the suitability of the Services and waive any claim of detrimental reliance upon the same; and You confirm You are solely responsible for the selection or omission of any specific part of the Content;
   vii. Landmark offer no warranty for the performance of any linked internet service not operated by Landmark;
   viii. You will on using the Services make a reasonable inspection of any results to satisfy Yourself that there are no defects or failures. In the event that there is a material defect You will notify us in writing of such defect within seven days of its discovery;
   ix. Any support or assistance provided to You in connection with these Terms is at Your risk;

h. All liability for any insurance products purchased by You rests solely with the insurer. Landmark does not endorse any particular product or insurer and no information contained within the Services should be deemed to imply otherwise. You acknowledge that if You Order any such insurance Landmark will deem such as Your consent to forward a copy of the Report to the insurers. Where such policy is purchased, all liability remains with the insurers and You are entirely responsible for ensuring that the insurance policy offered is suitable for Your needs and should seek independent advice. Landmark does not guarantee that an insurance policy will be available on a Property Site. All decisions with regard to the offer of insurance policies for any premises will be made solely at the discretion of the insurers and Landmark accepts no liability in this regard. The provision of a Report does not constitute any indication by Landmark that insurance will be available on the property.

i. Professional opinions contained in Reports are provided to Landmark by third parties, and such third parties are solely liable for the opinion provided. For the avoidance of doubt, those parties providing assessments or professional opinions on Landmark products include RPS Plc & Wilbourn Associates Limited, and any issues with regard to the provision of such opinion should be taken up with the relevant third party.

If Landmark provides You with any additional service obtained from a third party, including but not limited to any interpretation or conclusion, risk assessment or environmental report or search carried out in relation to a Report on Your Property Site, subject to clause 6.o below Landmark will not be liable in any way for any information contained therein or any issues arising out of the provision of those additional services to You. Landmark will be deemed to have acted as an agent in these circumstances and the supply of these additional services will be governed by the terms and conditions of those Third Parties.

j. In any event no person may rely on a Service more than 12 months after its original date.

k. If You wish to vary any limitation of liability as set out in these Terms, You must request such variation prior to ordering the Service. Landmark shall use its reasonable endeavours to agree such variation but shall not be obliged to do so.

l. Time shall not be of the essence with respect to the provision of the Services.

m. Ordnance Survey have undertaken a positional accuracy improvement programme which may result in discrepancies between the positioning of features used in datasets in the Services and the updated Ordnance Survey mapping. Subject to clause 6.o below, Landmark and its Suppliers exclude all and any liability incurred as a result of the implementation of such positional accuracy improvement programme.

n. Where Landmark provides its own risk assessment in connection with any Report, Landmark shall carry out such assessment with all reasonable skill and care but shall have no liability for any such risk assessment conclusion which is provided for information only, save where Landmark conducted the same negligently, in which case the provisions of clause 6 shall apply. Notwithstanding the provision of any such risk assessment conclusion you should carefully examine the remainder of the Report and should not take or refrain from taking any action based solely on the basis of the risk assessment. For the avoidance of doubt, the provisions of this clause 6n apply solely to risk assessments conducted by Landmark, and the provision of any other risk assessment by a third party shall be governed by such third party's terms in accordance with the provisions of clause 6i above.

o. Landmark obtains much of the information contained in its Report from third parties. Landmark will not accept any liability to You for any negligent or incorrect entry, or error or corruption in the Third Party Content supplied to Landmark, but Landmark's Suppliers may be liable for such negligent or incorrect entries, or errors or corruptions, subject to the terms and conditions on which they supply the Third Party Content to Landmark.

**7. Contribution**

a. Save where expressly provided, this clause 7 shall apply solely to Envirosearch Residential Reports (regardless of the result of such Report). Nothing in this clause 7 shall operate to override or vary the provisions of clause 6.

b. Landmark are prepared to offer, at their sole discretion, and without any admission or inference of liability a contribution towards the costs of any remediation works required under a Notice (as defined below) on the terms of this clause 7 ("the Contribution")

c. In the event that a Remediation Notice is served on the First Purchaser or First Purchaser's Lender of a Property Site under Part II(A) of the Environmental Protection Act 1990 ("the Notice") Landmark will contribute to the cost of such works as either the First Purchaser or First Purchaser's Lender (but not both) are required to carry out under the Notice subject to the provisions of this clause 7 and on the following terms:
   i. the Contribution shall only apply to contamination or a pollution incident present or having occurred prior to the date of the Report;
   ii. the Contribution shall only apply where the Property Site is a single residential dwelling house or a single residential flat within a block of flats. For the avoidance of doubt, this obligation does not apply to any commercial property, nor to any Property Site being developed or redeveloped whether for residential purposes or otherwise;
   iii. the Contribution is strictly limited to the cost of works at the Property Site and at no other site.
   iv. the Contribution will not be paid in respect of any of the following:
   Radioactive contamination of whatsoever nature, directly or indirectly caused by or contributed to or arising from ionising radiations or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel or the radioactive toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.
   Asbestos arising out of or related in any way to asbestos or asbestos-containing materials on or in structures or services serving the structures.
   Naturally occurring materials arising from the presence or required removal of naturally occurring materials except in circumstances where such materials are present in concentrations which are in excess of their natural concentration.
   Intentional non-compliance arising from the intentional disregard of or knowing wilful or deliberate non-compliance by any owner or occupier of the Property Site with any statute, regulation, administrative complaint, notice of violation, or notice letter of any Regulatory Authority.
   Any condition which is known or ought reasonably to have been known to the First Purchaser or the First Purchaser's Lender prior to the purchase of the Report.
   Any condition which is caused by acts of War or an Act of Terrorism.
   Any property belonging to or in the custody or control of the First Purchaser which does not form a fixed part of the Property Site or the structure.
   Any fines liquidated damages punitive or exemplary damages.
   Any bodily injury including without limitation, death, illness or disease, mental injury, anguish or nervous shock.
   Any financial loss in respect of any loss of any rental, profit, revenue, savings or business or any consequential indirect or economic loss damage or expense including the cost of rent of temporary premises or business interruption.
   Any losses incurred following a material change in use of, alteration or development of the Property Site.

d. The maximum sum that shall be contributed by Landmark in respect of any Contribution shall be limited to £60,000. In the event that more than one Report is purchased on the Property Site the Contribution will only be payable under the first Report purchased by or on behalf of any First Purchaser or First Purchaser's Lender and no Contribution will be made in respect of subsequent Reports purchased by or on behalf of such First Purchaser, First Purchaser's Lender or any person connected to them.

e. Landmark shall only pay a Contribution where the Notice is served within 36 months of the date of the Report.

f. Any rights to a Contribution under this Clause 7 are not assignable in the event of a sale of the Property Site and Landmark will not make any Contribution after the date of completion of such sale.

g. In the event the First Purchaser or First Purchaser's Lender wishes to claim any Contribution, it shall notify Landmark in writing within 3 months of the date of the Notice. The First Purchaser or First Purchaser's Lender (as applicable) shall comply with all reasonable requirements of Landmark with regard to the commission and conduct of the remediation works to be carried out under the Notice, and in the event the First Purchaser or First Purchaser's Lender (as applicable) does not do so, including without limitation, obtaining Landmark's prior written consent to any estimates for such works or complying with any other reasonable request by Landmark, Landmark shall not be required to pay any Contribution. Notwithstanding the payment of the Contribution by Landmark the First Purchaser or First Purchaser's Lender as applicable shall take all reasonable steps to mitigate any costs incurred in connection with the conduct of works required under the terms of any Notice.

h. In the event that the First Purchaser or First Purchaser's Lender receives any communication from a statutory authority to the effect that there is an intent to serve a notice received under PartII(A) of the Environmental Protection Act 1990 they will advise Landmark within a maximum period of two months from receipt of such communication. This clause 7h and the service of any notice under it shall not affect the provisions of clauses 7 e and g, and any such communications, even if advised to Landmark will not operate as notice under clause 7e.

i. Landmark reserve the right at any time prior to a claim for Contribution being made in accordance with clause 7 g) above, to withdraw the offer of payment of Contributions without further notice.

**8. Events Beyond Our Control**

a. You acknowledge that Landmark shall not be liable for any delay, interruption or failure in the provision of the Services which are caused or contributed to by any circumstance which is outside our reasonable control including but not limited to, lack of power, telecommunications failure or overload, computer malfunction, inaccurate processing of data, or delays in receiving, loading or checking data, corruption of data whilst in the course of conversion, geo-coding, processing by computer in the course of electronic communication, or printing.

**9. Severability**

a. If any provision of these Terms are found by either a court or other competent authority to be void, invalid, illegal or unenforceable, that provision shall be deemed to be deleted from these Terms and never to have formed part of these Terms and the remaining provisions shall continue in full force and effect.

**10. Governing Law**

a. These terms shall be governed by and construed in accordance with English law and each party agrees irrevocably submit to the exclusive jurisdiction of the English courts if any dispute arises out of or in connection with this agreement (a "Dispute") the parties undertake that, prior to the commencement of Court proceedings, they will seek to have the Dispute resolved amicably by use of an alternative dispute resolution procedure acceptable to both parties with the assistance of the Centre for Dispute Resolution (CEDR) if required, by written notice initiating that procedure. If the Dispute has not been resolved to the satisfaction of either party within 60 days of initiation of the procedure or if either party fails or refuses to participate in or withdraws from participating in the procedure then either party may refer the Dispute to the Court.

**11. General; Complaints**

a. Landmark may assign its rights and obligations under these Terms without prior notice or any limitation.

b. Landmark may authorise or allow our contractors and other third parties to provide to Landmark and/or to You services necessary or related to the Services and to perform Landmark's obligations and exercise Landmark's rights under these Terms, which may include collecting payment on Landmark's behalf.

c. No waiver on Landmark's part to exercise, and no delay in exercising, any right, power or provision hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, power or provision hereunder preclude the exercise of that or any other right, power or provision.

d. Unless otherwise stated in these Terms, all notices from You to Landmark must be in writing and sent to the Landmark registered office (or in the case of an Authorised Reseller, to its registered office address) and subject to paragraph e below all notices from Landmark to You will be displayed on our Websites from time to time.

e. Any complaints in relation to the Services should, in the first instance, be in writing addressed to the Customer Service Support Manager at the Landmark registered office. Landmark or its agents will respond to any such complaints in writing as soon as practicably possible.

f. A person who is not a party to any contract made pursuant to these Terms shall have no right under the Contract (Right of Third Parties) Act 1999 to enforce any terms of such contract and Landmark shall not be liable to any such third party in respect of any Services supplied.

g. Landmark's Privacy Policy as displayed on the Website governs the use made of any information You supply to Landmark.


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# APPENDIX E

## PETROLEUM LICENSING RESPONSE

**Mark Smitherman**
Chief Fire Officer & Chief Executive

Date: 05.01.09

Your Ref: GLH/01MCN

Our Ref: DH#01614/NA658/430032

This matter is being dealt with by: Liason Officer Hatton S.
Tel Direct line: 01226 282222
Fax Direct line: 01226 247712
Email: bfsofficers@syfire.gov.uk
Website: www.syfire.gov.uk

South Yorkshire Fire & Rescue
WORKING FOR A SAFER SOUTH YORKSHIRE
Barnsley Community Safety
Barnsley Fire Station
Broadway, Barnsley
South Yorkshire S70 6RA
Tel: 01226 282222
Fax: 01226 247712

CHARTERED CONSULTING ENGINEERS
- 7 JAN 2009
18605
ARP
MCN
GLH/01-MCN.

M C Nicholson
ARP Geotechnical Ltd
5/6 Northwest Business Park
Servia Hill
LEEDS
LS6 2QH

Dear Sir/Madam

**Re: Petrol Station, Dodworth Road, Barnsley. S70 6PA.**

In response to your letter dated 19 December 2008.

According to our records there are no unused/made safe storage tanks on this site. There are five tanks on the site; details:-

| Tank Number | Capacity (Litres) | Contents | Installed |
|---|---|---|---|
| 1 | 14550 | Petroleum Spirit | 01/07/1994 |
| 2 | 24250 | Petroleum Spirit | 01/07/1994 |
| 3 | 29100 | Petroleum Spirit | 01/07/1994 |
| 4 | 14550 | Diesel | 01/07/1994 |
| 5 | 24250 | Diesel | 22/10/2001 |

I have enclosed with this letter two schematic diagrams, neither of the diagrams are drawn to scale. I hope these diagrams provide you with the information you require regarding the location and status of the tanks and associated pipe work.

If you require any further information please contact the officer dealing with this matter.

Yours faithfully

Mark. Smitherman

Chief Fire Officer



Printed on recycled paper

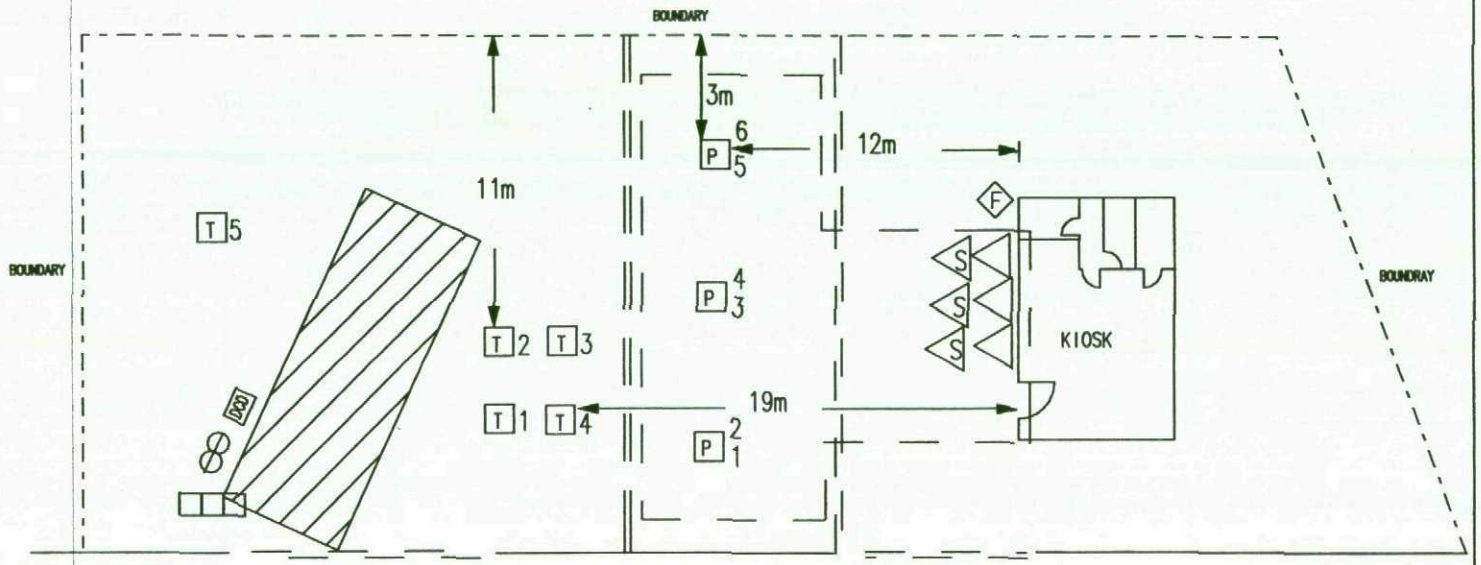
RECEIVED
- 7 JAN 2000

SOUTH YORKSHIRE FIRE & RESCUE AUTHORITY

| Approximate Scale —— | Sheet 1 of 1 |
|---|---|
| Drawn P.T. | Approved |
| Scheme P.L.M. | Plan No NA658 |

This plan forms part of petroleum licence no. A20 and must not be detached. Its accuracy for any other purpose is not to be assumed

SHELL BARNSLEY
SERVICE STATION
DODWORTH ROAD
BARNSLEY S70 6JE



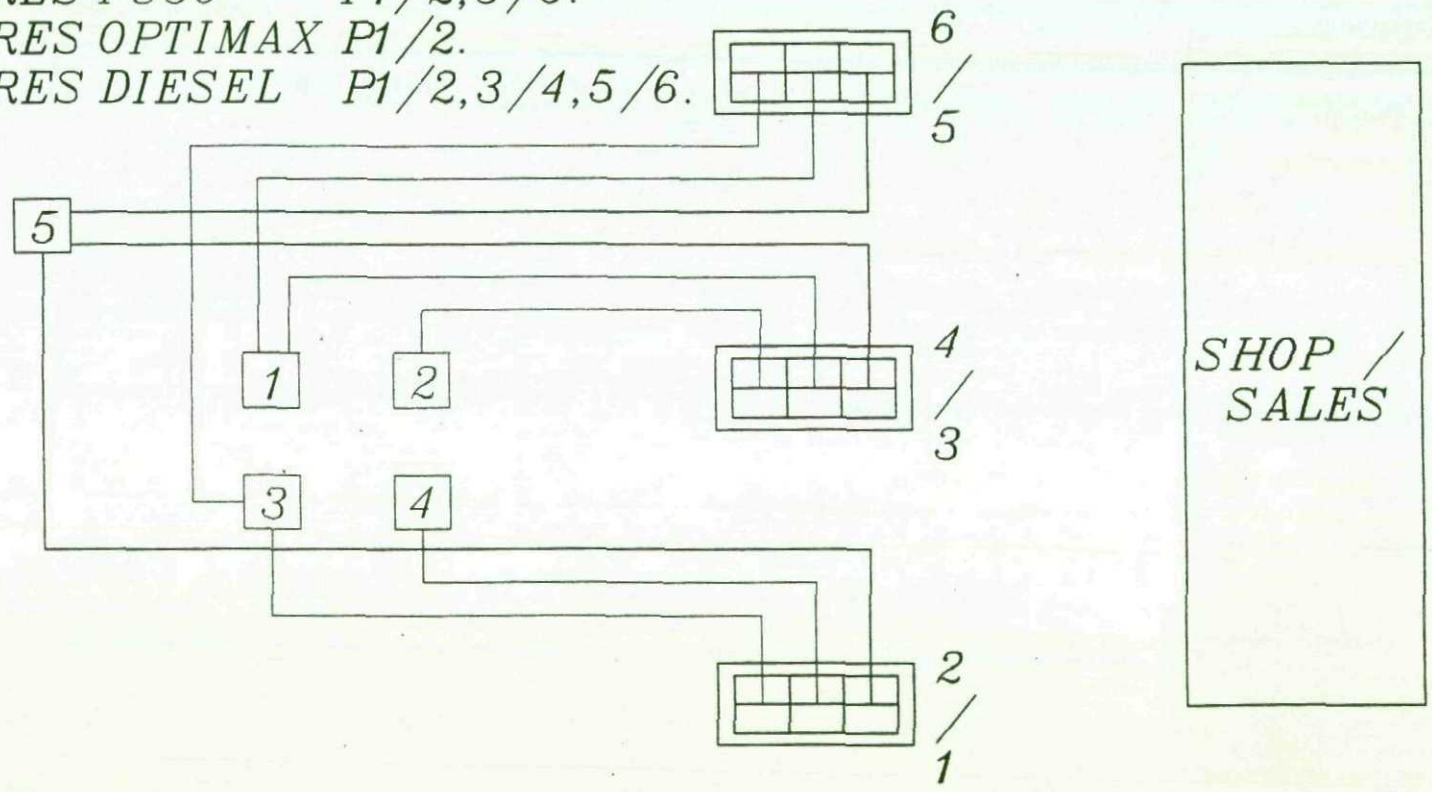

DODWORTH ROAD

T1 STORAGE TANK (NUMBERED)
P1 PUMP WITH SITE NUMBER
STANDARD FIRE EXTINGUISHER
VENT PIPE STACK WITH VAPOUR RECOVERY
CANOPY
DRAINAGE CHANNEL
INTERCEPTOR
O OFFSET FILL POINT
S SAND OR OTHER ABSORBENT
F FIREMANS SWITCH
DCD D.C.D.
TANKER STAND

7 JAN 200

SHELL BARNSLEY
A.J.BAYLISS PET ENG LTD

TANK 1 14,550 LITRES OPTIMAX P3/4,5/6.
TANK 2 23,250 LITRES PU50 P3/4.
TANK 3 29,100 LITRES PU50 P1/2,5/6.
TANK 4 14,550 LITRES OPTIMAX P1/2.
TANK 5 25,000 LITRES DIESEL P1/2,3/4,5/6.

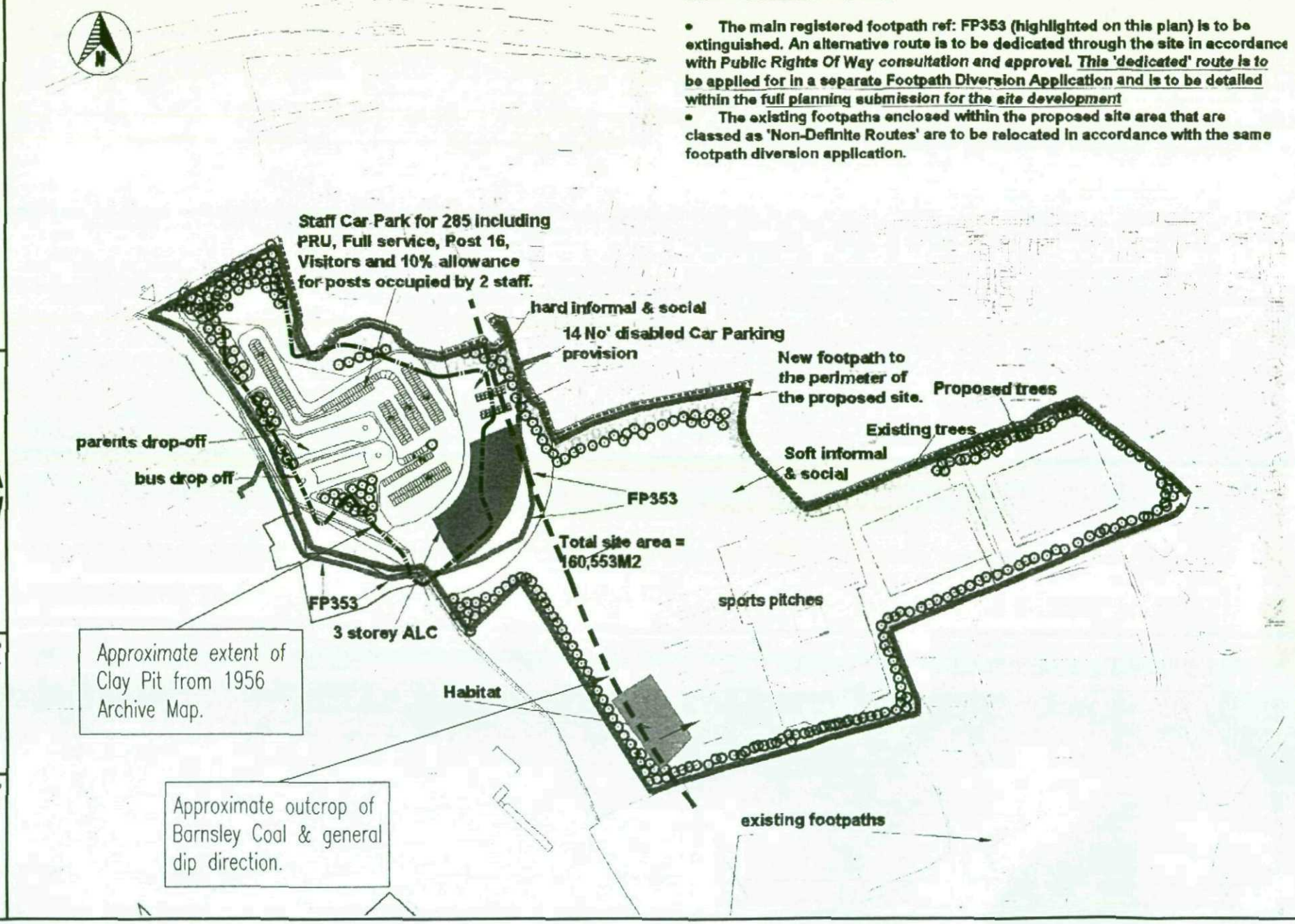


# APPENDIX F

## PROPOSED SITE LAYOUT

**NOTE: (Existing Footpaths)**

- **The main registered footpath ref: FP353 (highlighted on this plan) is to be extinguished. An alternative route is to be dedicated through the site in accordance with *Public Rights Of Way consultation and approval.* *This 'dedicated' route is to be applied for in a separate Footpath Diversion Application and is to be detailed within the full planning submission for the site development***
- **The existing footpaths enclosed within the proposed site area that are classed as 'Non-Definite Routes' are to be relocated in accordance with the same footpath diversion application.**




Project/ Client
HOLGATE/KINGSTONE ALC, BARNSLEY
G. L. HEARN LTD.

Title
PROPOSED SITE LAYOUT


ARP GEOTECHNICAL
CHARTERED CONSULTING ENGINEERS
Northwest House • 5/6 Northwest Business Park
Servia Hill • Leeds LS6 2QH
Telephone : 0113 245 8498 • Fax : 0113 244 3864
E-Mail : leeds@arpgeotechnical.co.uk


| Scale | Date | Drawn |
|---|---|---|
| NTS | JAN 2009 | MW |

| Drg. No. | Chk. | Rev. |
|---|---|---|
| GLH/01/SI.01 | JR | |

Ref/TWO0134/001

# Ecological Assessment

## Land at Holgate/Kingston School, Shaw Lands, Barnsley, South Yorkshire

**January 2008**

Produced on behalf of GL Hearn
By Tim Outlaw BSc (Hons) MIEEM,
Freelance Ecological Consultant

**Tim Outlaw- Freelance Ecologist**
103 Turnshaw Road, Kirkburton, Huddersfield, West Yorkshire, HD8 0TL

## Contents

1.0 Introduction

2.0 Methodology

3.0 Results

4.0 Conclusions and Recommendations

5.0 Surveyors Credentials

6.0 References

Appendix 1. Site photographs

Mobile: 07917 644785 Work: 01484 605248 E-mail: outlawt@frabbit75.freeserve.co.uk

**Tim Outlaw- Freelance Ecologist**
103 Turnshaw Road, Kirkburton, Huddersfield, West Yorkshire, HD8 0TL

## 1.0 Introduction

1.1 An ecological assessment, based on the JNCC extended Phase 1 survey, was undertaken on land between, Dodworth Road and Holgate School on Shaw Road, in the Shaw Lands area of Barnsley on 23rd December 2008. The purpose of this survey was to identify and evaluate the ecological value of all habitats occurring within the study area and was "extended" in order to identify the presence of, or potential for, any significant faunal communities, especially protected or designated species.

1.2 The extended Phase 1 field survey and assessment was complimented by a desk study search for ecological records from the site and surrounding area.

1.3 The written description of the site's habitats is complimented by site photographs presented at Appendix 1 of this report.

## 2.0 Methodology

### Habitat Survey

2.1 The survey was based on Phase 1 Habitat Survey Methodology (JNCC, 1993). This involves walking the site and describing different habitats (for example: woodland, grassland, scrub) along with any features worthy of further investigation or survey.

2.2 The survey was extended to assess faunal potential and particularly potential for protected or designated species. This modified approach to the Phase 1 survey is in accordance with the approach recommend by the Guidelines for Baseline Ecological Assessment (IEA, 1995).

2.3 In order to assess faunal potential the site was searched for evidence indicating the presence of, or potential for, notable faunal groups. Evidence searched for included droppings, tracks, etc. and specialist habitats such as ponds for breeding amphibians.

### Desk Study

2.4 Data requests were sent to Barnsley Council, Barnsley Biodiversity Trust, South Yorkshire Badger Group and the South Yorkshire Biodiversity Coordinator asking for any records of non-statutory designated sites and protected and designated species from the site and the surrounding 1.5km. West Yorkshire Ecology were also contacted as they indicated that they may hold some records from the search area.

2.5 The multi-agency, "MAGIC", website was also checked for the locations of any locally, nationally or internationally designated sites within 2km of the site.

Mobile: 07917 644785 Work: 01484 605248 E-mail: outlawt@frabbit75.freeserve.co.uk

## 3.0 Results

### Desk Study

3.1 The Barnsley area is not currently covered by an organized ecological record holder making it difficult to gather desk study results.

3.2 Records were only received from South Yorkshire Badger Group and West Yorkshire Ecology at the time of writing.

3.3 The MAGIC website revealed no internationally or nationally designated sites or local nature reserves within 2km of the survey area. West Yorkshire Ecology provided the following records from within 1.5km of the site:

Sites

- Redbrook Pastures SINC (Site of Interest for Nature Conservation). Located c.930m north-west of the survey area this site is primarily designated for MG5 grassland habitat of high district importance. No rare species are mentioned within the SINC citation for this site.

Badger

3.4 No specific locations were received but SYBG stated that they had no records from within the search area or immediate surroundings. SYBG are aware of active setts to the west of the M1 and traffic casualties have been recorded from the northbound J37 slip road and Higham Lane. SYBG have asked for the locations of setts to be kept confidential wherever possible and as the proposed works would not have any significant impacts on any setts mentioned in their response there locations are not revealed within this report.

3.5 SYBG stated that they have never undertaken a thorough survey of this area and that they believed it was possible that badgers could be active within the site.

### Extended Phase 1 Survey

Habitats

3.6 Photographs from the site are presented at Appendix 1.

3.7 The survey area consists of c.17Ha of land located between the existing Holgate School buildings on Shaw Road and the Shell garage on Dodworth Road. It is greatly dominated by playing fields, bareground (including hardstanding at the site of a demolished factory) and the Holgate School buildings and associated landscaping. The boundaries of the site and some of the sections of the site are marked by fences and defunct species poor hedgerows.

3.8 The site is situated amongst a developed part of the city surrounded by roads, residential housing and industrial buildings with areas of amenity grassland to the north and south. No direct links with high value habitats were present.

3.9 The following Phase 1 listed habitats were recorded within the survey area:

- Buildings
- Bareground
- Amenity Grassland
- Unimproved Grassland (species-poor)
- Tall ruderal
- Dense Scrub
- Trees
- Defunct species-poor hedgerow
- Inland cliff.

*Buildings*

3.10 Buildings within the site are dominated by Holgate School which has a number of single and multi storey buildings of various ages set immediately adjacent to Shaw Lane at the eastern extent of the site. The buildings are generally red brick construction with a mix of slate, tile and corrugated metal roofing. The site is considered to have significant potential to hold roosting bats and a detailed investigation of the buildings is recommended to confirm the presence or absence of any such roosts. The buildings are otherwise considered to have low ecological value although some building may be used by common nesting birds.

3.11 The only other building included within the survey area is a small "Shell" garage on Dodworth Road. This building is modern and apparently entirely sealed. It is considered to have extremely limited potential to hold roosting bats and is of very low ecological value.

*Bareground*

3.12 This habitat within the survey area includes the playgrounds, tennis courts etc, of Holgate School and the large area dominated by concrete and tarmac covering the site of a fairly recently demolished factory to the south of the Shell garage. None of this habitat holds any significant plant communities or ecological features likely to be of value to designated faunal groups. The demolished factory area is generally intact and does not hold any pools or extensive cracked or broken areas of concrete etc. which could offer habitat to, for example, reptiles or amphibians. This habitat is considered to be of extremely low ecological value in its present condition.

*Amenity Grassland*

3.13 Almost half of the survey area (over 8 hectares) is covered with sports playing fields, to the south of the demolished factory and the west of Holgate School. The sward is heavily managed and dominated by a few very common grass species, especially rye-grass (*Lolium* sp.), with a very limited herb flora including occasional daisy (*Bellis perennis*), dandelion (*Taraxacum* agg.), white clover (*Trifolium repens*) and ribwort (*Plantago lanceolata*) and greater (*P. major*) plantains. A similar sward is present in smaller areas of amenity grassland around buildings to the west of the Holgate School site. This habitat within the

survey area consists of a generally uniform, short sward lacking any significant diversity. It is considered to be of low ecological value in its current form.

*Unimproved Grassland*

3.14 An area of grassland to the east of the demolished factory and the west of the rear gardens of houses at Branksome Avenue consists of this habitat. It is currently crossed by a path between Branksome Avenue and Broadway to the south-west. It appears to be regularly, if infrequently, cut and is dominated by extremely common grasses in a species –poor sward, particularly perennial rye-grass (*Lolium perenne*) and cock's-foot (*Dactylis glomerata*). The community appears to have a limited herb population with regard to both number of species and diversity. It is likely to have been seeded in the past and not subject to traditional "improvement" from fertilization or grazing.

3.15 A similar sward also occurs on banks between playing fields and Holgate School, along some fence lines and hedge lines and around the demolished factory where it appears to be less frequently (if ever) cut and has become more rank in structure. In some parts of these more rank areas the sward includes additional species such as: common couch (*Elytrigia repens*), tufted hair-grass (*Deschampsia cespitosa*), reed canary-grass (*Phalaris arundinacea*), cleavers (*Galium aparine*), nettle (*Urtica dioica*), dock (*Rumex* sp.), hedge bindweed (*Calystegia sepium*) and spear thistle (*Cirsium vulgaris*). It is considered to be of low ecological value in its current condition due to lack of structural and species diversity.

*Tall Ruderal*

3.16 Within the survey area this habitat is generally restricted to stands of nettle (*Urtica dioica*), greater willowherb (*Epilobium hirsutum*), rosebay willowherb (*Chamerion angustifolium*), bracken (*Pteridium aquilinum*) and Japanese knotweed (*Fallopia japonica*). The first four species occur in small stands and pockets along fence lines, beneath defunct hedges and particularly amongst the unimproved rank grassland and scrub around the periphery of the demolished factory. The largest stand occurs at the base of the cliff along the southern edge of the demolished factory amongst the dense bramble scrub. Other less frequently occurring tall ruderal species within the site included a stand of raspberry (*Rubus idaeus*) along the northern boundary of the playing fields and a few goldenrod (*Solidago virgaurea*) plants amongst the bramble scrub.

3.17 Stands of Japanese knotweed occur within the site amongst scrub at the base of the cliff described above. There are also at least 4 clumps on the immediate boundary of the site along the path running along the western boundary near where it is abutted by Beaumont Avenue and in three sections along the boundary of the playing fields and allotments. Due to the timing of the survey it is possible that some more recently formed stands may have not been visible and a further survey should be undertaken during the growing season to confirm the locations and extents of this plant's presence.

3.18 It is illegal to cause the spread of this invasive plant and, once the extent of its presence has been established, if any disturbance to the ground containing or

around the clumps is planned appropriate mitigation must be undertaken to prevent any offence being caused. The Environment Agency provides guidance and advice regarding the control and disposal of knotweed.

3.19 This habitat offers some potential for common nesting bird species and invertebrates but is largely limited in its ecological value due to its lack of connectivity to other higher value habitats and its composition of extremely common species.

*Dense Scrub*

3.20 This habitat is generally restricted to sizeable stands of bramble (*Rubus fruticosus* agg.) on the banks beneath the southern cliff, around the demolished factory and sporadically around the boundaries of the unimproved grassland area and playing fields along the northern edge of the survey area. Other species within this category, but occurring only rarely within the survey area, include: rose (*Rosa* sp.) and broom (*Cytisus* sp.)

3.21 As with the Tall Ruderal habitats the bramble scrub offers some potential for common nesting bird species and invertebrates but is largely limited in its ecological value due to its lack of connectivity to other higher value habitats and its composition of an extremely common species.

*Trees*

3.22 The site holds a few trees; around the edge of the northern half of the demolished factory area, adjacent to the Shell garage and on a bank separating the playing fields from Holgate School.

3.23 Species recorded within the survey area included: silver birch (*Betula pendula*), sycamore (*Acer pseudoplatanus*), cherry (*Prunus* sp.) oak (*Quercus* sp.), willow (*Salix* sp.), cypress (Cupressaceae taxa.), pine (*Pinus* sp.) and ash (*Fraxinus excelsior*). The trees were either young or semi-mature and in good condition offering no identifiable roosting opportunities for bats and limited potential for nesting birds. The trees were in small groups and not connected to any significant woodland habitat. The trees within the survey area are considered to be of low ecological value in their current condition.

*Defunct Species-poor Hedgerow*

3.24 This habitat occurs in stretches along the southern boundary of the playing fields intermittent with and in conjunction with fencing and also along part of the boundary between the playing fields and unimproved grassland field. To the rear of houses along Branksome Avenue and St Hilda's Avenue, garden hedgerows dominated by non-native species and landscape species form part of the boundary of the site. In other areas; such as along parts of the northern boundary of the playing fields and part of the Dodworth Road boundary to the east of the Shell Garage, non-native hedges or occasional remnant bushes occur.

3.25 The hedgerow along the southern boundary of the playing field is dominated by elder (*Sambucus nigra*) with frequent blackthorn (*Prunus spinosa*), hawthorn

(*Crataegus monogyna*) and young alder trees (*Alnus glutinosa*). It is broken and leggy with poor structure, under developed ground flora and poor connectivity reducing its current ecological value.

3.26 The length between the playing field and unimproved grassland is more intact with a somewhat superior structure due to its bulk and greater density. Additional woody species included hazel (*Corylus avellana*) and willow (*Salix* sp.).It has a ground flora dominated by common species such as bramble, ivy (*Hedera helix*), nettle and cleavers with some hedge bindweed and bracken. This hedgerow is also of limited ecological value due to a lack of important features, poor connectivity and common constituent species of limited diversity.

3.27 The hedgerows forming boundaries at the rear of houses along the northern edge of the survey area include typical species such as laurels (*Prunus* spp.), cypress and privet (*Ligustrum* spp.). These hedges lack higher value ecological features and are of limited value.

3.28 The occasional remnant hedgerow bushes, now completely isolated along what were probably former hedge lines, are generally single hawthorn, elder and blackthorn.

3.29 All of the hedgerow habitats within and bordering the survey area have some potential to offer nesting cover for common bird species. Their poor connectivity and structure with limited diversity make them of limited value as wildlife corridors for species such as small mammals, invertebrates and bats. They are considered to be of low ecological value in their current condition.

*Inland Cliff*

3.30 Along sections of the southern and eastern perimeter of the demolished factory are sheer stone cliffs c. 5-10m in height. The faces of these cliffs are largely smooth with very few significant cracks or fissures. No significant floral communities have colonized the cliff faces which appear to have low potential for any important groups of flora or fauna due to their fairly limited height and lack of higher value potential niche habitats. This habitat is considered to be of low ecological value.

*Faunal assessment*

3.31 No signs of any protected or important animal species or groups were identified during the survey.

3.32 The buildings within the existing Holgate School complex offer potential for roosting bats and no works likely to impact upon these buildings should be undertaken without appropriate further investigations. The trees within the survey area are intact and in good condition and are not considered to offer significant potential for roosting bats in their current state.

3.33 No holes or other digging or tracks created by badgers were found anywhere within the site, however, a specific survey has not yet been undertaken.

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3.34 The scrub, trees and hedgerow habitats offer some limited potential for common bird species to nest in low numbers. The buildings within the Holgate School complex may also hold some common breeding bird species. The habitat types and surrounding area makes significant breeding bird populations highly unlikely.

3.35 The low value habitats dominating the site and isolation of the site from higher value habitats makes the site of low potential value to most faunal groups, the results of any bat or badger investigations notwithstanding.

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## 4.0 Conclusions and Recommendations

4.1 The desk study results have not revealed any records from the site or any records of protected or designated sites or species likely to face any significant impact from the development of the site.

4.2 The habitats within the site are considered to be generally of low ecological value due to a combination of their species composition, size, extent, connectivity and current management.

4.3 No protected, designated or otherwise significant faunal populations were found during the survey although the use of the existing Holgate School by roosting bats could not be fully assessed.

4.4 If any works having significant impact on the structure of any of the buildings at Holgate School are to be included within the proposals a detailed assessment of the site's current use by bats should be undertaken by a suitably qualified ecologist.

4.5 Whilst no evidence of badgers was found during the Phase 1 survey, due to the presence of records in the surrounding area (albeit not in the immediate surroundings of the survey area) and given the concerns of the South Yorkshire Badger Group, a specific badger survey is recommended to provide confirmation of a lack of significant use of the survey area by this species.

4.6 It is illegal to cause disturbance or damage to any nesting bird whilst the nest is active and therefore any scrub, trees or hedgerows which would need to be cleared as part of any development should be removed outside of the breeding bird season (i.e. clear between September and end of February). If this is not possible any clearance carried out during the nesting season should only go ahead after a precautionary inspection by an ecologist prior to works commencing. Any buildings should also be checked for nesting birds if they are to be demolished or significantly impacted upon during the breeding season.

4.7 The extent of Japanese knotweed within and surrounding the site should be assessed in detail and mitigated for appropriately with reference to guidelines and if necessary consultation with the Environment Agency.

4.8 Wherever possible any landscape planting of trees and shrubs or hedgerows should be undertaken using native and locally relevant species. The interconnectivity between stands of trees and hedgerows will improve potential corridor effects for wildlife. The management of these features should be undertaken to maximize their benefit to the ecology of the area.

4.9 If possible, any grassland turfing or seeding in areas where the sward composition is not vital to its usage should include mixes of high diversity natural grasslands. The nearby Redbrook Pasture SINC is designated for grassland habitats and could be used as either a source or template for an appropriate mix (e.g. MG5 grassland).

4.10 The buildings and trees of the proposed development could hold bat boxes and nest boxes of a good quality and variety of types, providing additional potential value to faunal groups within the survey area.

4.11 Due to the current low value of the site, bat and badger assessments notwithstanding, the implementation of the recommendations of this report is considered likely to result in a significant enhancement of the site's potential ecological value.

## 5.0 Surveyors Credentials

5.1 I have worked in the conservation sector for over 15 years and as an ecological consultant for more than six years. I have participated in numerous IEEM, Bat Conservation Trust and Field Studies Council training courses for consultants.

5.2 I am a full member of the Institute for Ecologists and Environmental Managers (IEEM), the professional body for Ecologists and therefore am bound by their Professional Code of Conduct.

## 6.0 References:

- Bat Conservation Trust, (2007), *Bat Surveys – Good Practice Guidelines*, BCT, London
- English Nature, (2004), *Bat Mitigation Guidelines*. English Nature, Peterborough.
- JNCC, (2004), *The Bat Workers Manual*. Third Edition, JNCC
- NCC. (1990) *Handbook for Phase 1 habitat survey*. JNCC
- Stace, C. (1999). Field Flora of the British Isles. CAMBRIDGE

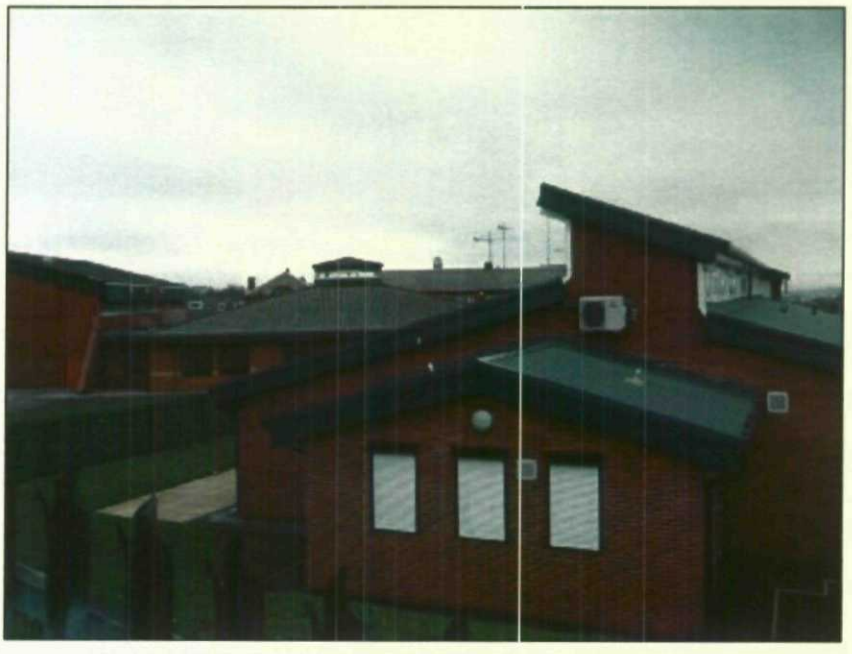
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## Appendix 1. Site photographs.

Figure 1. Shaw Lane entrance to Holgate School showing older building.



Figure 2. View of more modern buildings at Holgate School looking east from playing fields. Note amenity grassland around buildings.



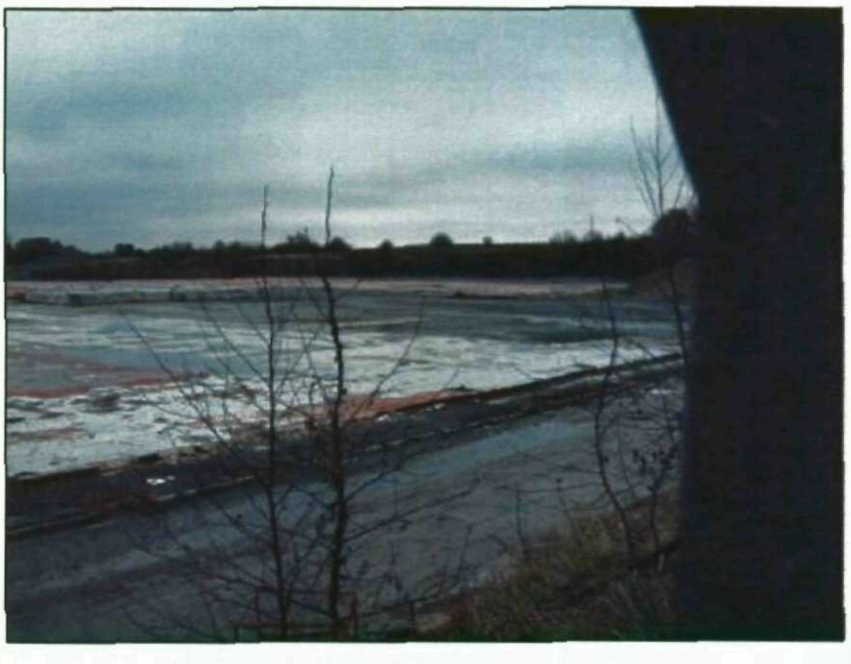
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Figure 3. Looking north across demolished factory area toward Shell Garage on Dodworth Road. Note unimproved grassland and scrub on banks around boundary.



Figure 4. Looking south-east over demolished factory area to cliffs in the distance and playing fields beyond.



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Figure 5. Playing fields; looking north from southern boundary.



Figure 6. Unimproved grassland area looking north from playing fields showing; hedgerow along right side of picture, trees and scrub at far end and fence marking boundary with demolished factory area to left.



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Figure 7. Unimproved grassland strip between playing fields and tennis courts of Holgate School, looking south. Note semi-mature trees.



Figure 8. Japanese knotweed growing through fence from allotments adjacent to site on to edge of playing fields.



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Figure 9. Bramble scrub and bracken at base of cliff at southern edge of demolished factory.



Figure 10. Semi-mature trees within boundary in north-west corner of survey area.



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Figure 11. Hedge line along southern boundary of playing fields.



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