



SITE INVESTIGATION AMBROSE STREET MANCHESTER

Prepared for: J Allcock & Sons Limited

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**SITE INVESTIGATION
AMBROSE STREET
MANCHESTER**

1 INTRODUCTION

In February 2021 ASL were instructed by MBCE Projects Limited on behalf of the client, J Allcock & Sons Limited to undertake the necessary site investigation and consultancy services associated with the site known as Ambrose Street, Manchester.

A site investigation is required in order to determine the ground conditions at the site ahead of its proposed development. It is understood that the proposed development comprises the demolition of the existing building in the south-east of the site and the construction of a new steel framed industrial unit with a mezzanine floor. The proposed development also comprises the extension of the existing industrial unit in the north-west of the site. At the time of writing, proposed development layout plans are not currently available.

The scope of works for this project was set out in ASL's proposal, reference number 317-20-365.elo.3453, dated 30th October 2020. The proposal was formerly by MBCE Projects Limited on behalf of the client in their email dated 7th February 2021.

This report presents a desk study for the site, the development of a conceptual site model, the factual results from an intrusive investigation and subsequent laboratory analyses and interpretative comment in terms of the geotechnical properties of the ground conditions encountered at the site in relation to the proposed development together with an assessment of the contaminative status of the site.

This report has been prepared for the sole benefit of the Client, J Allcock & Sons Limited, and their representatives and agents. The report has been written based on the results of data searches and ground conditions encountered at the time of the investigation and the results of subsequent analyses. Future changes in legislation and advances in current best practises or provision of more detailed design proposals will result in this report requiring review and possible further assessment after the date of issue. The general notes section within this report should be noted in relation to the limitations of this investigation and assessment.



2 THE SITE

The site is located directly to the south of Ambrose Street approximately 3.5km south-east of Manchester city centre. The site can be located approximately by National Grid Reference SJ 874 971. A site location plan is presented as Figure 1.

The site comprises an irregular shaped piece of land with maximum dimensions of approximately 120m by 75m with the long axis aligned approximately east to west. The majority of the site is topographically flat with no significant changes in elevation. A stream is present transecting the central portion of the site aligned approximately east to west, the base of which is located approximately 1m to 1.5m below the general level of the site. Two existing bridge structures are present in the central portion of the site which provide vehicle access across the stream.

The site is currently occupied by a rubber products manufacturing and recycling company with five structures present across the site together with associated external areas of concrete hardstandings for vehicle access, parking and the storage of materials.

The northern portion of the site is currently occupied by two industrial buildings located in the west and central portions of this area. The existing structures are of steel frame construction with brick and metal clad external walls and sloping corrugated metal roofs. These structures appeared to be used for the storage of rubber products together with areas of office and welfare facilities.

The external areas in the north of the site generally comprise areas of tarmacadam and concrete hardstandings, together with localised areas of concrete paving, which provide access, areas of parking and areas used for the storage of bulk rubber products.

A small area of scrub vegetation is present between the stream and the structure in the north-west of the site, with further limited areas of vegetation present within the immediate vicinity of the stream in the central portion of the site.

The southern portion of the site is currently occupied by three industrial structures, together with associated external areas of hardstandings. The westernmost of the structures is of two storey, steel framed construction with corrugated metal clad exterior and sloping corrugated metal roof. A single storey brick built building with a flat asphalt roof is located to the immediate south of this building.

The building in the south-east of the site comprises a two structure with brick and corrugated cement sheeting clad walls and a sloping corrugated cement sheeting roof. It is understood that that this structure is used for the mechanical breakdown of rubber products. A concrete retaining wall, approximately 2.5m in height is present to the south and east of this structure, with the adjacent land to the south and east located approximately 2.5m to 3m above the general level of the site, with these areas generally sloping upwards to the south and east.

Two large metal silos/tanks are located in the central eastern portion of the site. These tanks are understood to be redundant and there was no indication as to their former use. Areas of surface staining were noted on the concrete hardstanding in the vicinity of these tanks.

The external areas in the south of the site generally comprise areas of tarmacadam and concrete hardstandings which provide access and areas used for the storage of bulk rubber products.



The southern boundary of the site is formed by a stone block retaining wall up to approximately 2m in height together with a 2m high steel palisade fence present along the boundary with Textile Street to the south. The south-western boundaries are formed by the external walls associated with an adjacent two storey, brick built industrial building. The remaining site boundaries are generally formed by steel palisade fences approximately 2m in height.

The site is bound to the north by Ambrose Street with numerous industrial and commercial units, a college and a railway beyond and to the west by numerous industrial and commercial units. The site is bound to the south by Textile Street, the level of which is approximately 1.5m above the general level of the site, with residential properties beyond and to the east by areas of dense vegetation with residential properties and a school beyond.

Access to the site is gained via a gated access located off Ambrose Street to the north.

It is understood that the proposed development comprises the demolition of the existing building in the south-east of the site and the construction of a new steel framed industrial unit with a mezzanine floor. The proposed development also comprises the extension of the existing industrial unit in the north-west of the site. At the time of writing, proposed development layout plans are not currently available.



3 GEOLOGY

The British Geological Survey (BGS) Sheet No. 85 – ‘Manchester’ (Solid and Drift) and the Geology of Britain viewer indicates the site to be located within an area of mapped Made Ground. The Made Ground is generically described as ‘an area where the pre-existing (natural or artificial) land surface is raised by artificial deposits. The purpose of the made Ground is unspecified’ by the BGS. The thickness of the Made Ground is not defined by the BGS in the vicinity of the site.

The Made Ground is indicated to be underlain by drift deposits comprising Till. The Till is described as ‘clay to sandy clay, unsorted, with common pebbles, cobbles and some boulders (diamicton)’ by the BGS. The thickness of the Till is not defined by the BGS in the vicinity of the site.

Across the majority of the site the Till is indicated to be underlain by the solid geology of the Etruria Formation. The Etruria Formation is generally described as ‘Red, purple, brown, ochreous, green, grey and commonly mottled mudstone, with lenticular sandstones and conglomerates referred to as ‘espleys’. Common pedogenic horizons, but coal seams are rare. Subordinate, lenticular sandstones and conglomerates commonly consist mostly of volcanic and lithic clasts’ by the BGS. The thickness of the Etruria Formation is not defined by the BGS in the vicinity of the site, however it is indicated to be typically of significant thickness.

Across the easternmost portion of the site the Till is indicated to be underlain by solid geology of the Chester Formation, which is indicated to overly the Etruria Formation. The Chester Formation is generally described as ‘conglomerates and reddish brown, cross-bedded, pebbly sandstones with subordinate beds of red-brown mudstone’ by the BGS. The thickness of the Chester Formation is not defined by the BGS in the vicinity of the site, however it is anticipated to be of significant thickness.

A fault trending approximately north to south is located in the easternmost portion of the site forming the boundary between the Etruria Formation and the Chester Formation, with the downthrow side is indicated to be to the east.

In addition to the published geology, it is anticipated that Topsoil and/or Made Ground materials will be present at the surface or beneath hardstandings across the site given its current use.

The site is in an area that may be affected by coal mining and a Coal Authority Consultants Coal Mining Report has been obtained for the site and is presented in Appendix I. The Coal Authority report indicates three seams of coal to be present beneath that site that have been mined in the past. The recorded seams relate to the Bradford Four Feet, Parker and Crombrouke which are indicated to be located at depths of 240m, 741 and 1040m, respectively, with these seam last worked in 1880, 1935 and 1957 respectively.

In addition, numerous further coal seams are indicated to be present within the vicinity of the site, all of which are located at depths in excess of 886m.

Due to the anticipated depth to the identified mine workings and the anticipated thickness of solid geology above, the risk posed by underground mining at the surface associated with the recorded coal seams is considered to be very low if not negligible.

The report indicates that there are no probable unrecorded shallow workings at the site.



No mine entries have been recorded within 100m of the site. It is stated that the risk associated with probable unrecorded shallow workings is 'none'. No spine roadways are recorded at shallow depth beneath the site. No outcrops of coal were recorded. No records regarding open cast mines, Coal Authority managed tips, mine gas and mine water treatment were identified within 0.5km of the site.

The Coal Authority has not received a damage notice for the site or any property located within 50m of the site. No site investigation or remediation has been completed within 50m of the site. No mine gas or mine water treatment was identified within 0.5km of the site.

No records of investigation or remediation of mine workings were identified within 50m of the site. The Coal Authority has not received a damage notice for the site or any property located within 50m of the site since 31 October 1994. No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

No records regarding future underground mining were identified.

The site is located in an area at rare risk from non-coal mining activities. There are four BGS recorded mineral sites located within 0.5km of the site. The closest listing relates to the opencast extraction of 'fireclay' from the Till located approximately 300m to the north-west. Operations at this site are detailed to have 'ceased'. The remaining listings relate to the extraction of 'aggregates for recycling' and 'crushed rock' located approximately 355m to the east and the extraction of 'common clay and shale' located approximately 470m to the north.

The environmental database search indicates the site to be in a lower probability radon area and that no radon protective measures are necessary in the construction of new dwellings or extensions.

Further details are presented in Appendix II.

4 HYDROGEOLOGY

The Glacial Till is classified by the Environment Agency (EA) as a Secondary Aquifer - Undifferentiated described as having been 'assigned in cases where it has not been possible to attribute either category A or B to a rock type. In most cases, this means that the layer in question has previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type'.

The Etruria Formation is classified by the EA as a Secondary Aquifer - A described as being 'permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.'

The Chester Formation is classified by the EA as a Principal Aquifer described as 'layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale.'

The site is not located in a Source Protection Zone (SPZ).



There are eleven abstractions from groundwater located within 1.0km of the site. The nearest five listings relate to the abstraction of groundwater for 'mineral products: process water' located approximately 590m to the east. The remaining listings relate to the abstraction of groundwater for 'manufacturing', 'sports grounds/facilities: spray irrigation: direct', 'private water undertaking: general use (medium loss)' and 'sports ground/facilities: horticultural watering' uses located at distances greater than approximately 760m from the site.

There are no discharge consents to groundwater located within 1km of the site.

The majority of the site is located in an area with the potential for groundwater flooding to occur at the surface. The easternmost portion of the site is located in an area with limited potential for groundwater flooding to occur.

The site is not located in a groundwater nitrate vulnerable zone.

Further details are presented in Appendix II.

5 HYDROLOGY

The nearest identified surface water feature is the Corn Brook which runs through the centre of the site. This surface water feature was classified as a category C – Fairly Good watercourse by the EA in 2000 approximately 225m to the south of the site.

There are no abstractions from surface water located within 0.5km of the site.

There are fourteen discharge consents to surface water located within 0.5km of the site. The closest three listings relate to the discharge of 'public sewage: storm sewage overflow' to the Corn Brook located approximately 40m and 45m to the west. The remaining listings relate to the discharge of 'trade discharges – cooling water', 'public sewage: storm sewage overflow' and 'sewage discharges – final/treated effluent – water company' located at distances greater than approximately 175m from the site. Where detailed the receiving water for these discharges is detailed as the Corn Brook.

The majority of the site is located in an area at risk of flooding and extreme flooding from rivers or seas without defences. It is therefore recommended that an appropriate flood risk assessment is undertaken for the site as part of any future development.

The majority of the site is indicated to be at low to high risk from surface water flooding.

The site is not located in a surface water nitrate vulnerable zone.

Further details are presented in Appendix II.

6 SITE HISTORY

The site history has been derived from historical OS maps dating back to 1848. The map extracts are presented in Appendix III. Table 1 below presents a summary of the key developments in and around the site shown on the historical maps.

Table 1 Summary of Site History

Date of Map Extract	On site and surrounding Land-use
1848 (1:10560)	The site comprises an area of undeveloped land. The Corn Brook bisects the centre of the site aligned approximately west to east. An assumed pond feature is located centrally in the north of the site. A railway line is located approximately 75m to the north. Potteries are located approximately 150m to the west. Industrial structures including chemical works and dye works are present in excess of approximately 200m to the west. Further areas of assumed industrial structures are present in excess of approximately 350m to the north. Multiple brick works are located at distances greater than approximately 250m to the north and north-west. Numerous ponds are located in the wider surrounding area. The remaining surrounding area generally comprises undeveloped agricultural land with localised areas of residential and industrial development.
1891 - 94 (1:500, 1:2500 & 1:10560)	The site has undergone development with structures associated with a Cotton Mill present across the north-west of the site, with these structures extending off site to the west and north. The north-east of the site appears to remain devoid of structures. A collection of small structures is present in the south-west of the site with assumed industrial structures present in the south-east of the site. The pond in the north is no longer present. Residential development has occurred directly to the south-east and to the south, south-west and west. A starch works is present directly to the west with and iron works present approximately 25m to the north-west and a brewery 50m to the west. Significant industrial development including a gas engine works, engineering works, brick works and associated rail infrastructure has taken place in excess of approximately 100m to the north-west, north, north-east and east. The railway line to the north has undergone expansion. Areas of sloping ground are present approximately 120m to the east indicating that possible reprofiling works have been undertaken. Zoological gardens including lakes/ponds are present approximately 800m to the south.
1908 - 09 (1:2500 & 1:10560)	The cotton mill in the north of the site is indicated to be disused, however the layout of the structures remains generally unchanged. The structures in the south-west of the site appear to have undergone limited alteration/extension. A possible spoil heap feature is present in the south-east of the site. Roadway infrastructure has been constructed directly to the south, which encroaches into the southernmost portion of the site. An ironworks and horseshoe manufactory are located approximately 20m to the south. Further areas of sloping ground are present approximately 20m to the north-east. An undefined structure is present approximately 75m to the north. A corporation yard is present approximately 100m to the east. The industrial structures to the north have undergone expansion. A shaft is located approximately 200m to the north-west. An ironworks approximately 225m to the south-west has been redeveloped with a school. A chemical works and gas paint works are present in excess of approximately 300m to the east. Further industrial development has taken place within the wider surrounding area to the north-west, north, north-east and east.
1923 (1:10560)	The site appears to remain generally unchanged. Industrial development, including a chemical works, motor works and pulley works has taken place in excess of approximately 200m to the south-east, west and north-east. Brick works located approximately 500m to the west and south-east have been removed and are now areas of industrial units.
1932 - 33 (1:2500 & 1:10560)	The site remains generally unchanged with the structures in the north now indicated to be a print finishing works. The structures and shaft associated with the pottery to the north-west and the chemical works to the west have been removed. The industrial structures approximately 250m to the north-west have been removed and

Date of Map Extract	On site and surrounding Land-use
	replaced by a depot. Assumed industrial development has taken place approximately 150m to the west. The large engineering works approximately 250m to the north-east is indicated to be disused with portions of the structure removed. Further industrial development has taken place within the wider surrounding area.
1938 (1:10560)	The site area remains generally unchanged. The residential properties directly to the south-east have been removed and assumed residential redevelopment has occurred approximately 20m to the south. The structures associated with the large engineering works to the north-east have been removed.
1948 - 51 (1:1250 & 1:2500)	A further structure is present in the north of the site with the structures in the north indicated to be a corrugated paper works. The structures in the south of the site have been largely removed with two further structures present in the south-east, with the layout of the easternmost structure broadly consistent with that currently present on site. These structures are indicated to be a rubber works. Areas of sloping ground are indicated to be present to the south-west and easternmost portions of the site, with the area in the east extending off site to the east. A garage and bedding works are present directly to the west. Ruins are present approximately 25m to the west and 50m to the north. It is considered that this may be associated with bomb damaged sustained during World War II. Refuse heaps are located approximately 150m to the north-east and 225m to the west. Textile Street roadway is present directly to the south with residential properties beyond. Further residential development has occurred approximately 125m to the south-east. A school has been constructed approximately 200m to the north-west. Industrial development has taken place approximately 175m to the north-east. A structure is present within the corporation yard to the south-east.
1956 - 63 (1:1250 & 1:10000)	Two small buildings are located in the central northern portion of the site. A recreation ground and school are present directly to the south-east of the site. The corporation yard to the south-east has been redeveloped with a school. The ruins to the west and north have been removed. The garage to the west is now indicated to be a depot with the works to the west having undergone limited extension. The spoil heap to the north has been redeveloped with a college. The spoil heap to the west has been redeveloped with a number of small industrial structures with a larger works also present to the north of this area.
1964 - 68 (1:2500 & 1:10000)	The site and immediate surrounding area remain generally unchanged.
1977 - 81 (1:1250 & 1:10000)	The structures in the north and south-west of the site have been removed, with the structures in the south-east labelled as 'works'. The structures directly to the west have been removed. A warehouse is located approximately 20m to the north. The residential properties approximately 125m to the south-west have been removed. Significant residential redevelopment has taken place in excess of approximately 125m to the south, south-west and south-east. Significant industrial, commercial and residential redevelopment has taken place within the wider surrounding area.
1985 - 87 (1:1250 & 1:10000)	The site area remains generally unchanged. A warehouse is present approximately 50m to the west. Residential redevelopment has occurred approximately 10m to the south and 125m to the south-east.
1990 - 92 (1:1250)	Two further small structures are present in the south of the site. Two bridges are present onsite crossing the Corn Brook, with the locations of these consistent with that currently present. Limited residential development has taken place approximately 50m to the south-east. Structures have been removed in excess of approximately 200m to the south-east and south-west.
1993 - 94 (1:1250 & 1:10000)	The site remains generally unchanged. Much of the rail infrastructure to the north-west and north-east appears to have been removed.
1995 - 96 (1:1250 & 1:10000)	Two large structures are present in the north of the site, the layout of which is broadly consistent with that seen today. Road infrastructure development has taken place in excess of approximately 140m to the west

Date of Map Extract	On site and surrounding Land-use
	and south-west. The school to the south-east appears to have been removed and redeveloped with a church.
1999 - 2000 (Aerial Photo & 1:10000)	The site area remains generally unchanged. Areas of hardstandings appear to be present surrounding the structures in the west and north-west of the site. The north-east of the site appears to comprise an area of rough ground with areas of vegetation present along the southern side of Corn Brook and in the south-east of the site. Residential development has taken place approximately 225m to the south-east.
2006 (1:10000)	The smaller structures in the south-west of the site have been removed and replaced by a single larger structure, with the layout of the site broadly consistent with that seen today. The surrounding area appears to remain largely unchanged.
2020 (1:10000)	The site area remains generally unchanged. Residential development has occurred at distances greater than approximately 300m to the south-east and south-west. Limited industrial and commercial development has taken place in excess of 250m to the west and east. A large area of former industrial land use approximately 700m to the north has been redeveloped with football grounds/stadiums and a college.

The site's history dating back to 1848 appears to have comprised an area of undeveloped land with the Corn Brook transecting the central portion of the site and a small pond in the north.

By approximately 1893 the site is indicated to have undergone development with structures associated with a mill present in the north of the site together with further structures in the south.

The site is indicated to have undergone various phases of development until approximately 2006, after which the layout of the site is consistent with that seen today.

In addition to the mill, the onsite structures are indicated to have comprised a print finishing works, corrugated paper works and a rubber works.

The immediate surrounding area to the south has comprised undeveloped land and residential properties. The remainder of the surrounding area has generally comprised areas of industrial land use including various works, factories, depots, warehouses, a garage and railway infrastructure.

A possible spoil heap and a number of slope features have been identified in the south and south-east of the site and within the immediate surrounding area to the east indicating that reprofiling works may have occurred within the vicinity of the site.

Refuse heaps have been identified approximately 150m to the north-east and 225m to the west, with these features developed with commercial/industrial structures by approximately 1957.

Ruins have been identified on the historical map extracts located approximately 25m to the west and 50m to the north. No further evidence of bomb damage or ruins have been identified at the site or within its immediate surrounding area.



7 STATUTORY DATABASE SEARCH

7.1 General

This section details any relevant information from registers maintained by the EA. Information provided by the BGS, The Coal Authority, Health Protection Agency and the National Environment Research Council (NERC) is also considered. The information held by the various bodies is summarised below and presented in detail in Appendix II.

It should be noted that the information provided in the desk study is obtained from independent third party sources. It is provided in good faith, but no guarantee can be provided as to its accuracy. Independent enquiries should be made relating to information provided in the desk study information that may impact on the proposed development. The desk study information is not necessarily exhaustive and further information relevant to the site may be available from other sources.

7.2 Database Search Results

There are no registrations listed within 0.5km of the site under the following:

- Contaminated Land Register Entries and Notices;
- Enforcement and Prohibition Notices;
- Integrated Pollution Controls;
- Local Authority Integrated Pollution Prevention and Control;
- Local Authority Pollution Prevention and Control Enforcements;
- Prosecutions Relating to Authorised Processes;
- Prosecutions Relating to Controlled Waters;
- Registered Radioactive Substance Sites;
- Substantiated Pollution Incident Register;
- Water Industry Act Referrals;
- Integrated Pollution Control Registered Waste Sites;
- BGS Recorded Landfill Sites;
- Any Licensed Waste Management Facilities (Landfill Boundaries);
- Local Authority Recorded Landfill Sites;
- Registered Landfill Sites;
- Any Hazardous Substance Sites.

The following sections discuss the database search results which identified registrations listed within 0.5km of the site.

7.3 Environment Agency Search Results

There is one integrated pollution prevention and control located within 0.5km of the site. This listing relates to a 'new medium combustion plant' located approximately 415m to the north-east. The effective date of this listing is detailed as January 2020.

There are six Local Authority pollution prevention and controls located within 0.5km of the site. The nearest listing relates to the 'coating of metal and plastic' located approximately 240m to the west. The remaining listings relate to 'mineral drying and roadstone coating processes', 'respraying of road vehicles' and 'blending, packaging, loading and use of bulk cement' located at distances greater than approximately 290m from the site.



There are ten pollution incidents to controlled waters located within 0.5km of the site. The nearest two listing relates to the release of 'oils - unknown' and 'organic wastes – unknown' to the Corn Brook located approximately 25m to the east and 65m to the north, respectively. The remaining listings relate to the release of 'oils - unknown', 'industrial effluent', 'unknown', 'chemicals – other organic', 'unknown', 'other chemicals' and 'miscellaneous - unknown' pollutants. Where detailed the receiving waters for these listings is identified as the Corn Brook. All of these incidents are classified as Category 3 – minor incidents.

There is one historical landfill site located within 0.5km of the site. This listing relates to a site located approximately 95m to the north - east. No further details in relation to this listing are given.

There are four licensed waste management facilities (locations) located within 0.5km of the site. The nearest listing relates to 'end of life vehicles' located approximately 70m to the west. The remaining listings relate 'household, commercial and industrial waste transfer station and treatment', 'household, commercial and industrial transfer station' and 'material recycling treatment facility' located at distances greater than approximately 355m from the site.

There are four areas of potentially infilled land (non-water) located within 0.5km of the site. the closest listing relates to an area of These listings all relate to areas of 'unknown filled ground (pit, quarry etc)' located at distances greater than approximately 285m from the site. The mapping dates of these features are all detailed as 1993.

There are thirty-one areas of potentially infilled land (water) located within 0.5km of the site. The closet listing relates to an area of unknown filled ground (pond, marsh, river, stream, dock etc)' located approximately 30m to the north-west. The remaining listings relate to 'unknown filled ground (pond, marsh, river, stream, dock etc)' located at distances greater than approximately 185m from site. The mapping dates of these features is detailed as between 1848 and 1956.

There is one registered waste transfer site located within 0.5km of the site. This listing relates to a transfer site located approximately 365m to the north-east. The authorised waste associated with this listing is detailed as 'asbestos'. The maximum input rate of this is detailed as being 'very small (less than 10000 tonnes per year)'. The license status of this listing is detailed as 'operational as far as is known'.

There is one registered waste treatment or disposal site located within 0.5km of the site. This listing relates to 'recycling drums' located approximately 405m to the east. The maximum input rate of this is detailed as being 'very small (less than 10000 tonnes per year)'. The license status of this listing is detailed as 'operational as far as is known'.

Further details are presented in Appendix II.

7.4 Geological Hazards

There is either a very low risk or no hazard from collapsible ground stability hazards, compressible ground stability hazards, shrinking or swelling clay ground stability hazards, running sand ground stability hazards, landslide ground stability hazards or running sand ground stability hazards at the site.

The site is in an area that may be affected by coal mining and a Coal Authority Consultants Coal Mining Report has been obtained for the site and is presented in



Appendix I. The Coal Authority report indicates three seams of coal to be present beneath that site that have been mined in the past. The recorded seams relate to the Bradford Four Feet, Parker and Crombrouke which are indicated to be located at depths of 240m, 741 and 1040m, respectively, with these seam last worked in 1880, 1935 and 1957 respectively.

In addition, numerous further coal seams are indicated to be present within the vicinity of the site, all of which are located at depths in excess of 886m.

It is stated that the risk associated with probable unrecorded shallow workings is 'none'.

No other relevant records were identified at the site. Due to the absence of any shallow workings, the depth of the identified worked coal seams and the anticipated thickness of solid geology above, the risk posed by underground mining at the surface is considered to be very low if not negligible.

The site is located in an area at rare risk from non-coal mining activities. There are four BGS recorded mineral sites located within 0.5km of the site. The closest listing relates to the opencast extraction of 'fireclay' from the Till located approximately 300m to the north-west. Operations at this site are detailed to have 'ceased'. The remaining listings relate to the extraction of 'aggregates for recycling' and 'crushed rock' located approximately 355m to the east and the extraction of 'common clay and shale' located approximately 470m to the north.

The environmental database search indicates the site to be in a lower probability radon area and that no radon protective measures are necessary in the construction of new dwellings or extensions.

Further details are presented in Appendix II.

7.5 Contemporary Trade References

There are fifty-two contemporary trade references located within 0.5km of the site. The closest listing is located at the subject site and relates to 'rubber & plastic products – manufacturers'. The next two closest listings relate to 'roller shutter manufacturers' located approximately 30m to the north and 'car breakdown and recovery services' located approximately 35m to the west. The remaining listings relate to various commercial and industrial activities located at distances greater than approximately 125m from the site.

There are nine commercial service points of interest located within 0.5km of the site. The nearest five listings all relate to 'vehicle repair, testing and servicing' services located approximately 270m to the north-west. The remaining listings relate to 'recycling, reclamation and disposal', 'distribution and haulage', 'vehicle cleaning services' and 'vehicle repair, testing and servicing' services located at distance greater than approximately 365m from the site.

There are twenty-six manufacturing and production points of interest located within 0.5km of the site. The nearest two listing relates to 'unspecified works or factories' located approximately 95m and 135m to the north-west. The remaining listings relate to 'unspecified works or factories' and 'tanks (generic)' located at distances greater than approximately 245m from the site.



There are seven public infrastructure points of interest located within 0.5km of the site. The nearest listing relates to 'railway stations, junctions and halts' located approximately 75m to the north. The remaining listings relate to 'railway stations, junctions and halts', and 'fire brigade stations' located at distances greater than approximately 230m from the site.

There are seven recreational and environmental points of interest located within 0.5km of the site. These listings all relate to 'playgrounds' located at distances greater than approximately 210m from the site.

Further details are presented in Appendix II.



8 ASSESSMENT OF POTENTIAL CONTAMINATION RISKS

8.1 General

The following sections identify potential sources of contamination at the site and the surrounding area. The receptors to any contamination are also identified together with the pathways by which the contamination may make contact with the receptors. This section of the report uses the guidance presented in CLR 11 'Model Procedures for the Management of Land Contamination' produced by DEFRA and the EA to develop a conceptual site model as a 'source-pathway-receptor' model in accordance with current best practise.

8.2 On-Site Sources of Contamination

The site's history dating back to 1848 appears to have comprise an area of undeveloped land with the Corn Brook transecting the centre of the site and a small pond in the north. Since approximately 1893 the site is indicated to have undergone a number of phases of industrial development until approximately 2006, after which the layout of the site is consistent with that seen today. The onsite structures are indicated to have been used as a mill, print finishing works, corrugated paper works and a rubber works. The onsite structures are current occupied by a rubber products manufacturing and recycling company.

The former use of the site as undeveloped land is not classified by the Department for Environment, Food and Rural Affairs and the Environment Agency's document CLR8 as being potential sources of contamination.

The former uses of the site as various industrial works are classified by the Department for Environment, Food and Rural Affairs and the Environment Agency's document CLR8 as being potential sources of contamination in the form of metals, cyanides, nitrates, sulphates, asbestos, pH, phenol, acetone, oil and fuel based hydrocarbons, aromatic hydrocarbons, polycyclic aromatic hydrocarbons, chlorinated aliphatic and aromatic hydrocarbons and polychlorinated biphenyl (PCBs).

There is the potential for incidental spills and leaks from vehicles and machinery used and stored at the site and from the silos/tanks located in the central eastern portion of the site. This would give rise to the presence of oil and fuel based hydrocarbons at the surface. Visual evidence in the form of surface staining of the concrete hardstanding was noted in the vicinity of the above ground storage tanks.

There is the potential for Made Ground to be present across the site associated with its current and former development, the infilled pond in the north of the site and the spoil heap and areas of possible reprofiling in the south. In addition, the site is indicated to be located in an area of mapped Made Ground. Any Made Ground materials are considered to be a potential source of contamination, including asbestos. Made Ground is also considered to be a potential source of hazardous ground gas.

The environmental database search indicates the site to be in an area where lead concentrations of between 150mg/kg and 300mg/kg may be present. Localised areas of lead concentrations between 300mg/kg and 600mg/kg are also present within the vicinity of the site. The elevated concentrations of lead are associated with historical industrial activity completed in the vicinity of the site.



Due to the age of the structures present at the site, it is recommended that an asbestos survey is completed by a specialist contractor prior to the commencement of any demolition or development works to verify the presence/absence of any asbestos bearing materials present within existing building fabric.

8.3 Off-Site Sources of Contamination

The immediate surrounding area to the south has generally comprised undeveloped land and residential properties. The remainder of the surrounding area has generally comprised areas of industrial land use including various works, factories, depots, warehouses, a garage and railway infrastructure.

Numerous contemporary trade references, commercial points of interest and manufacturing and production points of interest have been identified within the immediate vicinity of the site.

A historical landfill is indicated to be present approximately 95m to the east with a licenced waste management facility is located approximately 70m to the west. In addition, areas of mapped Made ground have been identified in the vicinity of the site, together with numerous areas of infilled land and refuse heaps.

The former and existing industrial and commercial land uses identified in the surrounding area are classified by the Department for Environment, Food and Rural Affairs and the Environment Agency's document CLR8 as being potentially contaminative land-uses. The identified land-uses are classified as potential sources of contamination in the form of metals, cyanides, nitrates, sulphates, asbestos, pH, phenol, acetone, oil and fuel based hydrocarbons, aromatic hydrocarbons, polycyclic aromatic hydrocarbons, chlorinated aliphatic and aromatic hydrocarbons and polychlorinated biphenyl. These land uses are also considered to be potential sources of hazardous ground gases. Due to the extent and proximity of these features the risk posed at the site by these land uses is considered to be moderate to high.

The areas of infilled land, spoil heaps, landfill site and the areas of mapped Made Ground located in the vicinity of the site are also considered to be potential off-site sources of contamination and hazardous ground gases.

8.4 Receptors

The receptors to any potential contamination and therefore the element actually at risk from the potential sources of contamination have been identified as the following:

- Human Health – Construction/maintenance workers (R1);
- Human Health – Future Site Users (R2);
- Service Lines – Constructed as part of the new development (R3);
- Groundwater hydraulically down gradient of the site – Secondary Aquifer – Undifferentiated, Secondary Aquifer - A and Principal Aquifer (R4);
- Surface Water – Corn Brook located in the centre of the site (R5);
- Neighbouring properties and residents (R6).

8.5 Pathways

A pathway is the means by which a contamination source makes contact with the receptor creating a pollutant linkage. The three elements of an identified pollutant linkage (source-



pathway-receptor) need to be present for there to be a perceived risk from any identified contamination present in soils and/or groundwater.

The pathways considered in this assessment are as follows:

- Direct Physical Contact – Dermal contact, ingestion, inhalation (PL1);
- Migration from soils to groundwater via leaching (PL2);
- Migration within groundwater (PL3);
- Migration via service lines (PL4);
- Volatilisation of contaminants from soils and groundwater (PL5);
- Migration of hazardous ground gases (PL6).

8.6 Conceptual Site Model

The conceptual site model has been produced in accordance with the guidance presented in DEFRA R&D Publication CLR11 to produce this source-pathway-receptor model.

The desk study assessment of the site's environmental setting has identified potential pollutant linkages that may pose a risk to human health and controlled waters. The potential pollutant linkages are detailed in the conceptual site model, Figure 3.

The conceptual site model assumes the presence of contamination on the site in the Made Ground and/or the near surface soils and should be refined in relation to the results of the investigation as necessary. Refinement should also be made should the nature of the development result in pollutant linkages being broken. Refinements as necessary will be discussed in the qualitative risk assessment section of this report.

Table 2 presents a summary of the identified pollutant linkages.

Table 2 Summary of Pollutant Linkages

Potential Source of Contamination	Potential Pathway	Description / Comment	Potential Receptors
Potential Made Ground at the site.	PL1, PL2, PL3, PL4, PL5, PL6	Potential for contamination and hazardous ground gases. Presence not yet proven but expected.	R1, R2, R3, R4, R5, R6
Current and former industrial uses of the site.		Presence not yet proven. Visual evidence of contamination in the form of surface staining noted during the site walkover.	
Incidental leaks and spills from vehicles, machinery used and stored at the site. Existing silos/tanks		Presence not yet proven but expected.	
Elevated background concentrations of lead associated with historical industrial activity.		Potential for the migration of contamination and hazardous ground gases. Presence not yet proven but expected.	
Areas of infilled land, Made Ground, industrial and commercial land uses, historical landfills and licenced waste management facilities identified in the vicinity of the site.			
Asbestos within the existing building fabric.	PL1	Presence not yet proven.	R1, R2

8.7 Summary

The potential pollutant linkages noted in Table 2 will be discussed in light of the findings of the intrusive investigation from which an assessment of the actual risks posed by any contamination to the identified receptors will be determined.



From the assessment of the potential pollutant linkages the critical receptors are considered to be site end users (female adult for the proposed development), the onsite surface watercourse and groundwater within the underlying Principal Aquifer. Maintenance and construction workers, service lines and neighbouring properties may also require consideration.

Due to the age of the structures present at the site it is recommended that an asbestos survey is completed by a specialist contractor prior to the commencement of any demolition or development works to verify the presence/absence of asbestos bearing materials within the existing building fabric.



9 GROUND INVESTIGATION AND TESTING

9.1 Ground Investigation

The scope of works was defined for the project by MBCE in conjunction with ASL and comprised five windowless sample boreholes and two hand excavated foundation inspection pits. The intrusive investigation was designed to target the location of the proposed development and to determine the nature and extent of the foundations to the existing retaining wall. The intrusive investigation was completed to obtain information relating to the contaminative status of the site and the geotechnical properties of the underlying ground conditions.

The positions of exploratory holes have been taped from recognised features on the site and plotted on Figure 2 of this report.

The ground investigation was carried out in general accordance with BS5930 (2015) 'Code of Practice for Site Investigations' and BS10175+A2:2017 'Code of Practice for the Investigation of Potentially Contaminated Sites' and in accordance with current best practice.

The scope of works for the ground investigation was as follows:

- 5 No. windowless sample boreholes (WS) to a maximum depth of 8.41m bgl;
- Insitu standard penetration tests (SPT) at regular intervals within all WS;
- 2 No. hand excavated foundation pits (HP) to a depth of approximately 0.80m bgl;
- Installation of combined gas and groundwater monitoring standpipe within selected WS;
- Chemical laboratory testing of soils;
- Geotechnical laboratory testing of soils;
- Gas and groundwater monitoring programme.

The of ground investigation was undertaken on 9th March 2021. The intrusive investigation was supervised by a suitably experienced geo-environmental engineer from ASL. The exploratory holes were logged by the supervising engineer and the logs are presented in Appendix IV.

9.2 Gas and Groundwater Monitoring Programme

Three monitoring events were conducted on 19th and 29th March and 12th April 2021 and comprised level measurements of methane, oxygen, carbon dioxide, carbon monoxide, hydrogen sulphide, relative and atmospheric pressure, gas flow rate and groundwater level. The results of the gas and groundwater level monitoring are presented in Table IVa of Appendix IV.

9.3 Laboratory Testing

Selected soil samples were scheduled for chemical testing for a range of contaminants in order to determine the general contaminative status of conditions on the site. The samples were scheduled for chemical laboratory testing for the following determinants:

Arsenic, Boron (water soluble), Beryllium, Cadmium, Chromium (total and VI), Copper, Cyanide (free and total) Lead, Mercury, Nickel, Selenium, Vanadium, Zinc, Poly-cyclic Aromatic Hydrocarbons (PAH) (16 No. speciated), Total Petroleum Hydrocarbons (TPH), pH, Phenols, Sulphate (soluble), Total Sulphur, Total Sulphate, fraction of organic carbon and asbestos (Made Ground only)



Selected soil samples were scheduled for the following determinants in leachate:

Arsenic, Boron, Beryllium, Cadmium, Calcium, Chromium (total and hexavalent), Copper, Cyanide (free and total), Dissolved Organic Carbon (DOC), Lead, Mercury, Nickel, Selenium, Zinc and pH.

The chemical testing is being undertaken by a UKAS accredited laboratory in accordance with the MCERTS accreditation where available.

The results of the chemical laboratory testing are presented in Appendix V.

9.4 Geotechnical Laboratory Testing

Geotechnical laboratory testing was completed on selected soil samples. The samples have been scheduled for Atterberg Limit testing to assess the volume change potential and material properties and for pH and sulphate testing to assess the concrete classification for the proposed development.

The results of the geotechnical laboratory testing are presented in Appendix V and VI.

10 GROUND, GROUNDWATER AND GAS CONDITIONS

10.1 Materials Encountered

The BGS indicates the site to be located within an area of mapped Made Ground. The Made Ground is indicated to be underlain by drift geology comprising Till. Across the majority of the site the Till is indicated to be underlain by solid geology of the Etruria Formation. In the easternmost portion of the site the Till is indicated to be underlain by solid geology of the Chester Formation.

The intrusive investigation confirmed the published geology comprising Till overlying solid geology of the Etruria Formation. In addition to the published geology, materials assumed to represent Alluvium was identified at WS1 and WS2, located in the central southern portion of the site, with these materials present to depths of approximately 1.8m and 2.4m bgl at WS2 and WS1, respectively.

Materials considered to represent solid geology of the Chester Formation were not encountered within any of the exploratory holes undertaken at the site.

In addition to the published geology, the intrusive investigation identified the presence of Made Ground materials at the surface and beneath hardstandings across the site, with these materials encountered to depths of between approximately 0.55m at TP1 and TP2 and 2.1m bgl at WS4A.

Table 3 presents a summary of the ground conditions encountered during the intrusive investigation. Full details of the conditions encountered are presented on the exploratory hole logs in Appendix IV.

Table 3 Summary of Strata Encountered

Description	Top of Unit (m bgl)		Thickness of Unit (m)		SPT 'N' Value
	Min	Max	Min	Max	
Made Ground Black and dark brown very sandy slightly clayey to clayey angular to subangular fine to coarse GRAVEL of brick, burnt shale, clinker, slag, sandstone and rare metal. Occasional cobbles of brick; Soft black silty CLAY with rare angular fine to medium gravel of brick. Slight organic odour; Soft to stiff brown, dark brown and black gravelly to very gravelly silty CLAY. Gravel is angular to subangular fine to coarse quartzite, clinker, glass, concrete, sandstone and brick. Localised slight organic odour. Rare cobbles of sandstone, brick and concrete.	0.00	0.25	0.35	2.10	6 & 7
Alluvium Very soft dark grey and black slightly sandy clayey SILT; Very soft to soft grey and green grey slightly sandy to very sandy locally silty CLAY. Locally with to abundant pockets of black organic clay. Localised moderate organic odour.	1.20	1.45	0.60	0.95	1 & 2
Till Stiff to very stiff, locally firm, brown locally mottled blue grey locally slightly sandy gravelly to very gravelly CLAY. Gravel is angular to rounded fine to coarse quartzite, mudstone, siltstone, coal and sandstone;	0.55	2.40	0.25*	4.65*	11 - 48
Etruria Formation Very stiff red brown and purple brown mottled green and grey silty CLAY.	6.25	6.40	1.10*	2.01*	30 - >50

Notes: * Denotes base not proven



In addition to the strata summarised in Table 3, concrete hardstandings were encountered at the surface at all of the exploratory hole locations, with the exception of WS4 and WS4A, to depths of between approximately 0.13m and 0.25m bgl.

A buried concrete obstruction was encountered at WS4 at a depth of approximately 0.75m bgl. It was not possible to penetrate the obstruction, therefore the borehole was relocated to WS4A.

Two SPTs were completed with cohesive materials interpreted as Made Ground that recorded SPT 'N' values of 6 and 7 indicating low strength cohesive materials.

Two SPTs were completed within cohesive materials interpreted as Alluvium which recorded SPT 'N' values of 1 and 2, indicating extremely low strength cohesive materials.

Eighteen SPTs were completed within cohesive materials interpreted as Till that recorded SPT 'N' values of between 11 and 48, indicating typically high to very high strength and locally medium strength cohesive materials.

Four SPTs were completed within cohesive materials interpreted as the Etruria Formation that recorded SPT 'N' values of between 30 and greater than 50 indicating typically very high strength cohesive materials.

A plot of SPT versus depth is included as Figure 4.

One sample of Alluvium material recovered from WS2 at 1.5m bgl and four samples of the Till recovered from depths of between 1.5m and 2.9m bgl were scheduled for Atterberg Limit determination.

The results indicate the Alluvium material tested to comprise clay of high plasticity with a liquid limit of 64%, a plastic limit of 26% and a plasticity index of 38% indicating the material tested to be of a medium volume change potential.

The results indicate the Till materials tested to comprise clays of low to intermediate plasticity with liquid limits of between 31% and 43%, plastic limits of between 15% and 18% and plasticity indices of between 15% and 25% indicating the materials tested to be of low and medium volume change potential.

The samples tested recorded natural moisture contents of between 11% and 35% indicating the materials to be locally in a state of potential desiccation.

The results of the geotechnical laboratory testing are presented in Appendix V and VI.

10.2 Visual and Olfactory Evidence of Contamination

Visual evidence of contamination in the form of surface staining on concrete hardstandings was noted in the vicinity of the silo type above ground storage tanks in the central southern portion of the site. In addition, a sheen was noted on the groundwater encountered at WS4A.

Additionally, Made Ground materials have been encountered across the site which were noted to typically contain clinker and slag type materials.

Full details of the ground conditions encountered are presented in Appendix IV.



10.3 Groundwater

During the intrusive investigation groundwater was encountered at WS1, WS2, WS4A and TP1 during their formation at depths of between approximately 0.75m and 1.2m bgl at TP1 and WS4A, respectively.

During the subsequent monitoring programme groundwater was recorded within both monitoring standpipes, installed at WS2 and WS4A, at depths of between approximately 0.5m and 0.89m bgl at WS2 and WS4A, respectively.

Full details are presented in Appendix IV.

10.4 Gas

As part of the monitoring programme below ground gas levels within the monitoring standpipes were measured during three monitoring events completed on 19th and 29th March and 12th April 2021. The results are presented in full in Table IVa of Appendix IV.

Methane was not recorded in excess of their relevant analytical detection limits of the apparatus used at the monitoring installation across the monitoring programme.

Carbon monoxide was recorded in excess of the analytical detection limit of the apparatus used (1ppm) at the monitoring installations at WS2 and WS4A during the first monitoring only event at concentrations of 30ppm and 70ppm respectively.

Hydrogen sulphide was recorded in excess of the analytical detection limit of the apparatus used (1ppm) at the monitoring installations at WS2 and WS4A during the first monitoring event only at concentrations of 5ppm and 12ppm respectively.

Carbon dioxide was recorded in excess of the analytical detection limit of the apparatus used (0.1% v/v), at both monitoring installations during the monitoring programme at concentrations of between 0.7% and 2.8% v/v.

Oxygen was recorded in excess of the analytical detection limits of the apparatus used at both monitoring installations during the monitoring programme at concentrations of between 18.6% and 19.6% v/v.

Average downhole pressures and average flow rates were recorded as being zero during the monitoring programme, with the exception of the WS2 during the third monitoring event, where an average flow rate of -0.1 l/hr was recorded.

The first and third monitoring events were completed during periods of higher atmospheric pressure of between 1017mb and 1026mb with the second monitoring event completed during a period of standard atmospheric pressure of between 1012mb and 1013mb.



11 GEOTECHNICAL ASSESSMENT

11.1 General

It is understood that the proposed development comprises the demolition of the existing structure in the south-east of the site and the construction of a new steel framed industrial unit with a mezzanine floor. The proposed development also includes the extension of the existing industrial unit in the north-west of the site. At the time of writing, proposed development layout plans are not currently available.

The ground conditions at the site have been found to comprise a variable thickness of Made Ground locally overlying very soft cohesive Alluvium materials in the central south-eastern portion of the site.

The Made Ground materials were encountered to depths of between 0.55m bgl at TP2 and 2.1m bgl at WS4A, with the Alluvium present to approximately 2.4m and 1.8m bgl at WS1 and WS2, respectively.

The Made Ground and Alluvium were found to be underlain by typically stiff to very stiff cohesive materials assumed to represent Till. Where proven, the Till was found to be underlain by very stiff cohesive materials considered to represent solid geology of the Etruria Formation, with these materials encountered at depths of approximately 6.25m and 6.4m bgl at WS4A and WS1.

Groundwater was encountered within the majority of the exploratory holes during their formation at depths between 0.75m and 1.2m bgl. During the subsequent monitoring programme, groundwater was recorded at depths of between approximately 0.5m and 0.89m bgl.

11.2 Foundation Assessment

Due to their inconsistency and variability the Made Ground materials are not considered a suitable founding stratum in their current condition.

In addition, due to the low strength of the Alluvium materials encountered at WS1 and WS2, located in the central southeast of the site, it is considered that these materials are not a suitable founding stratum in their current condition.

It is considered that the underlying Till materials are a suitable founding stratum, and that an allowable bearing pressure of approximately 125kN/m² to 150kN/m² could be adopted within materials.

However, due to the depth the underlying Till materials together with the nature of the overlying Made Ground and Alluvium materials and the presence of shallow groundwater, it is considered that significant difficulties are likely to be experienced with the excavation and placement of conventional foundations within these materials.

In addition, it is considered that the presence of adjacent building and retaining structures and the existing stream is likely pose further constraints with regards to the excavation and support of deep excavations associated with the use conventional foundations.

It is therefore considered that an alternative foundation solution is likely to be required for the proposed development. It is considered that the most suitable foundation solution is



likely to comprise piles, with piles extending into the deeper more competent Till and/or Etruria Formation materials.

It should be noted that if a piled foundation solution is to be adopted for the proposed development, further intrusive investigation may be required to fully determine the nature of the deeper ground conditions and to provide geotechnical parameters to assist with pile design.

It is recommended that the advice of a specialist piling contractor is sought regarding the design and installation of any piling solution and to confirm their requirements for any further investigation works at the site.

Plasticity index results indicate the Till and Etruria Formation materials found to be of medium volume change potential.

11.3 Existing Foundations

As part of the investigation two hand excavated foundation pits were undertaken to determine the nature and extent of the foundations associated with the existing concrete retaining wall located in the south-east of the site.

The base of the foundations to the existing retaining wall were proven within both of the foundation inspection pits at depths of approximately 0.81m bgl at TP1 and at 0.72m bgl at TP2.

The uppermost portion of the foundations appeared to comprise a concrete element at ground level which extended out from the base of the retaining wall by appropriately 0.57m, with this element being approximately 0.13m in thickness at TP1 and 0.2m at TP2. This uppermost element was found to be placed on a mass concrete foundation, the base of which was proven at 0.81m bgl at TP1 and 0.72m bgl at TP2.

At TP1 the encountered foundation appeared to be placed within granular made Ground materials, with the foundation encountered at TP2 placed with firm cohesive materials considered to be representative of Till materials.

Details of the foundations encountered within the foundation inspection pits are presented in Appendix IV.

11.4 Existing Retaining Structures and Slopes

An existing concrete retaining wall is present in the south-east of the site, the retained height of which is approximately 1.5m to 2.5m, with the adjacent land to the east and south located at a higher level.

A further stone block retaining wall up to approximately 2m in height is present along the southern boundary of the site.

At the time of the site investigation the retaining walls appeared to be in good condition with no obvious signs of structural distress noted.

Beyond the concrete retaining wall to the south-east and east, ground levels slope upwards to the roadway to the south and residential development to the east, with a change in level of up to approximately 2m across these areas.



At the time of the investigation, it was not possible to carry out a detailed visual inspection of the slopes due to access restrictions and the presence of dense vegetation, however no obvious signs of instability were noted.

11.5 Floor Slabs

Due to the presence of Made Ground materials in excess of 600mm and the presence of shallow, low strength Alluvium materials it is considered that a suspended floor slab with a suitable floor void for medium volume change potential soils should be adopted for the proposed development.

11.6 Excavations

Excavation of the materials encountered on site is likely to be achieved using conventional plant however, should any obstructions remain in the ground at shallow depths the use of pneumatic/hydraulic breakout equipment may be required, particularly within confined excavations.

The Alluvium and Made Ground materials were locally found to comprise very soft/loose materials and may therefore be subject to spalling and collapse within excavations. Deeper excavations may be prone to rapid, unpredictable, large scale collapse, particularly in the presence of groundwater inflows.

Consequently, temporary support should be considered for all excavations where collapse is to be avoided. Heavier duty closed shoring should be provided for any excavation where man entry is necessary, in compliance with statutory requirements to ensure safe working conditions.

In addition, where excavations are to be undertaken within the vicinity of existing buildings and retaining structures or within the vicinity of the existing stream channel, it is recommended that appropriate control measures are employed during construction works to maintain the stability of these features.

Depleted oxygen levels were recorded as part of the monitoring programme. Therefore, consideration should be given to the monitoring of atmospheric gas concentrations for all works within excavations where man entry is required.

11.7 Dewatering

During the intrusive investigation groundwater was encountered at WS1, WS2, WS4A and TP1 during their formation at depths of between approximately 0.75m and 1.2m bgl at TP1 and WS4A, respectively. During the subsequent monitoring programme groundwater was recorded within the monitoring standpipes installed at WS2 and WS4A at depths of between approximately 0.5m and 0.89m bgl.

It is therefore considered likely that significant groundwater inflows will occur within excavations forming part of the proposed development. Where groundwater inflows occur within cohesive strata, they may be suitably controlled with the use of conventional sump pumping techniques. It is anticipated that instability of excavations will occur in conjunction with any significant inflows.

Where groundwater inflows occur within granular strata, it is considered that these are unlikely to be suitably controlled by the use of conventional sump pumping techniques. Therefore, where dewatering is required within the granular materials an alternative



dewatering solution is likely to be required. In addition, it is considered that significant instability of excavations is likely to be experienced where dewatering is undertaken within granular materials and appropriate measures should be employed to maintain the stability of any such excavations.

It is recommended that the advice of a specialist contractor is sought with regards to the requirements for dewatering at the site.

11.8 Buried Concrete Classification

Based on the results of chemical laboratory testing undertaken on samples recovered from the Made Ground materials it is considered that a design Sulphate Class “DS-4” (based on total potential sulphate) and an Aggressive Chemical Environment for Concrete (ACEC) site classification “AC-4” should be adopted for all concrete placed in contact with these materials within shallow excavations including foundations and services.

Based on the results of chemical laboratory testing undertaken on Alluvium and Till materials it is considered that a Design Sulphate Class “DS-1” (based on total potential sulphate) and an Aggressive Chemical Environment for Concrete (ACEC) site classification “AC-1” should be adopted for all concrete placed in contact with these materials within shallow excavations including foundations and services.

Based on the chemical testing results it is considered that a Design Sulphate Class of DS-1 (based on water soluble sulphate) and an Aggressive Chemical Environment for Concrete (ACEC) of AC-1 could be adopted for concrete used within piles.

11.9 Road Pavements

For the basis of design of any areas of hardstanding or access roads a design CBR value of 1% could be adopted in Made Ground or Alluvium materials at the site. A design CBR value of 3% could be adopted where the formation level lies within the cohesive Till materials following the removal of any overlying Made Ground or otherwise unsuitable materials.

It should be noted that the formation should be proof rolled and any ‘soft’ spots removed and replaced with suitable fill. The formation is likely to deteriorate if left uncovered and therefore the road should be constructed within a short time frame after stripping of superficial materials or a protective layer should be left in place. The materials at formation level may be frost susceptible and suitable precautions should be included in the design.

11.10 Gas Protection Measures

The gas monitoring results indicate gas conditions corresponding to a Hazardous Gas Flow (HGF) of <0.07l/hr indicating Characteristic Situation 1 (CS1 – characterised as very low potential hazard).

Based on the results of the ground gas monitoring, gas protection measures are not required for the proposed development to be protective of carbon dioxide and methane.

Elevated concentrations of carbon monoxide and hydrogen sulphide were recorded within both monitoring installations at the site during the first monitoring event. During the subsequent monitoring events concentrations of carbon monoxide and hydrogen sulphide were not recorded above the detection limit of the monitoring apparatus.



It is therefore considered that the risk posed by the initial recorded concentrations of carbon monoxide and hydrogen sulphide is negligible and does not warrant the inclusion of gas protection measures.

This conclusion should be agreed with the relevant regulatory authorities prior to the commencement of development works to confirm that the assessment completed meets with their requirements.



12 CONTAMINATION ASSESSMENT – HUMAN HEALTH

12.1 Introduction

The results of the chemical laboratory testing undertaken on selected soil samples (see Section 9.3), have been compared where possible to the relevant industry guidance as detailed in the following section.

Defra have published Development of Category 4 Screening Levels (C4SL) for Assessment of Land Affected by Contamination (document reference SP1010, dated 20th December 2013) that may be used as part of the planning process. This document includes proposed C4SL for six contaminants of concern. The chemical laboratory test results have therefore been compared where relevant to the C4SL. The C4SL have been derived based on the proposed end use of the site. In this instance an end use of 'commercial' has been considered the most appropriate for the proposed development. Should the proposed development at the site change the potential risk posed by the identified contamination should be reviewed.

It is noted that the C4SL for benzo(a)pyrene has been derived as a surrogate marker for all genotoxic PAH species including this determinant assuming the assessed site investigation data conforms with the Culp et al 2010 assessment. The remaining genotoxic PAH species included in the priority 16 PAH suite of analysis are benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, chrysene, dibenzo(ah)anthracene and indeno(123cd)pyrene. An assessment of the site investigation data has been completed and shown the site investigation data to conform with the upper and lower limits from Culp 2010 assessment and therefore assessment criteria are not considered necessary for these determinants and benzo(a)pyrene may be used as a surrogate marker.

C4SLs have not been provided for the full range of determinants assessed as part of this contamination assessment. However, the Contaminated Land Exposure Assessment (CLEA) guidance to assess the potential risk to human health (Document References SC050021/SR2, SC050021/SR3, SC050021/SR4 and SC050021/SR7) remains available. GAC for the relevant contaminants of concern included in this report have been derived in accordance with this CLEA guidance and spreadsheet Version 1.071. These criteria are considered to remain appropriate as C4SL are proposed to be more pragmatic whilst still highly precautionary when compared to the previously published guidance. The GAC in this report are therefore considered to be more conservative and define a lower level of risk in consideration of the potential risk to human health when compared to the current guidance and C4SL. The derived GAC are presented in Appendix VII.

Laboratory data at the site recorded a result of approximately 4.44% for soil organic matter calculated using fraction of organic carbon results. The GAC for the site are therefore calculated assuming 4.44% SOM.

12.2 Chemical Test Results - Soils

The results of the chemical laboratory testing undertaken on the selected soil samples are summarised in Table 4. Only those determinants recorded in excess of their relevant laboratory detection limits are assessed here.

At Tier 1 total TPH (C10-C40) is assessed using the GAC for the aromatic TPH fraction aromatic TPH fraction >C16-C21. This GAC is selected as the elevated TPH results are coincident with elevated PAH results. It is therefore considered that the identified TPH is



characterised by longer chain aromatic hydrocarbons. In addition, gas chromatograph data indicates the identified TPH to be characterised by longer chain hydrocarbons.

The chemical test results are presented in full in Appendix V.

Table 4 Summary of Soils Data with Respect to Human Health (Tier 1)

Contaminants	Max Conc. (mg/kg)	C4SL mg/kg (Commercial)	CLEA Derived GAC mg/kg (Commercial)	No. of Tests
Arsenic	250	640 (0)	-	6
Beryllium	3.8	-	1320 (0)	6
Boron	2.3	-	236000 (0)	6
Cadmium	4.7	410 (0)	-	6
Chromium	360	-	9930 (0)	6
Copper	2100	-	73100 (0)	6
Cyanide	1.3	-	16200 (0)	6
Lead	4100	2300 (1)	-	6
Mercury	6	-	3640 (0)	6
Nickel	50	-	1960 (0)	6
Selenium	1.3	-	13000 (0)	6
Vanadium	110	-	6740 (0)	6
Zinc	4200	-	733000 (0)	6
Total TPH	1800	-	28600 (0)	6
Benzo(a)pyrene	72	77 (0)	-	6
Naphthalene	0.78	-	322 [^] (0)	6
Acenaphthylene	3.5	-	105000 (0)	6
Acenaphthene	14	-	106000 (0)	6
Fluorene	14	-	72000 (0)	6
Phenanthrene	120	-	72500 (0)	6
Anthracene	31	-	544000 (0)	6
Fluoranthene	170	-	22700 (0)	6
Pyrene	170	-	54500 (0)	6

Note:

1. Number in brackets represents the number of results above guideline values.
2. [^] Denotes theoretical saturation limit taken as representative.

In addition to the contaminants summarised in Table 4, asbestos was analysed for in four samples of Made recovered from across the site. Asbestos was not identified within any of the samples tested. No further assessment of the potential risk to human health from asbestos present in soils is considered necessary.

Lead has been recorded in excess of its relevant screening criteria in a single sample of Made Ground recovered from WS1 at 0.3m bgl, located in the central south-east of the site.

Further assessment of the potential risk to human health from concentrations of contaminants of concern is considered necessary.

12.3 Discussion

The recorded concentration of lead in the Made Ground materials encountered at WS1, located centrally in the south-east of the site is considered to pose a potential risk to human health at the proposed development and during the development works.

It is understood that the proposed development comprises the demolition of the existing industrial building in the south-east of the site and the construction of a new steel framed industrial unit with a mezzanine floor. The proposed development also comprises the extension of an existing industrial unit in the north-west of the site. At the time of writing, proposed development layout plans are not currently available..



The assessed pathways for a commercial end-use are dermal contact, ingestion, indoor inhalation and outdoor inhalation and particulates. For contamination to pose a risk via the pathways of vapour inhalation they must be volatile.

The identified lead contamination is not considered to be volatile. Therefore, the potential risk to human health via the inhalation of vapours is considered to be negligible.

It is considered that the potential risk associated with the identified lead contamination will be mitigated by the presence of buildings and hardstandings following completion of the proposed development. However, a potential risk to human health may be posed where the Made Ground materials are present at the surface following the completion of the proposed development enabling the inhalation of particulates, dermal and ingestion uptake pathways to be completed.

In order to mitigate the potential risk to human health, it is recommended that a suitable cover layer is placed in any areas of soft landscaping forming part of the proposed development in the south-east of the site.

The requirement for a cover layer has been assessed in accordance with Cover Systems for Land Regeneration BRE 465. A cover system comprising a minimum of 200mm of imported 'clean' growing media is required in all areas of soft landscaping forming part of the proposed development in the south-east of the site.

A remediation strategy would need to be produced for the installation of the cover layer and that the installation of the cover layer will require suitable validation.

As a precautionary measure, it is considered appropriate for all development personnel to wear the appropriate personal protective equipment and to adopt appropriate health and safety protocols where works below ground level are required until the placement of the cover layer or the removal of the impacted materials.

It is also recommended that the chemical laboratory test results within this report should be forwarded to the mains water service provider to ensure that their requirements for service line construction are satisfied.



13 CONTAMINATION ASSESSMENT – CONTROLLED WATERS

13.1 Introduction

To assess the potential risk to controlled waters from the recorded concentrations in soils the use of leachability is generally used to determine contaminant mobility within the ground with the results of these tests compared to the determinants respective environmental quality standards (EQS) or other applicable standards such as UK drinking water standards (DWS). As both surface water and groundwater have been identified as potentially at risk, the most stringent of either the relevant DWS or EQS is used in this assessment. When determining the relevant criteria for copper, nickel and zinc, site specific Predicted No Effect Concentrations (PNEC) are derived using the Water Framework Directive Metal Bioavailability Tool (M-BAT). For organic compounds the use of leachability testing is not considered reliable therefore at Tier 1, PAH and TPH is assessed using half the relevant inert WAC criteria. Exceedances of these criterion are considered to require further assessment.

13.2 Summary of Results - Soils

Table 5 presents a summary of the screening criteria compared with the maximum recorded concentrations of determinants at the site. Only those determinants recorded in excess of their relevant laboratory detection limits are assessed here. The chemical test results are presented in full in Appendix VII.

Table 5 Summary of Soils Data with Respect to Controlled Waters (Tier 1)

Determinant	Max Conc. (mg/l)	Tier 1 Value (mg/l)	No. of Exceedances
Arsenic	0.039	0.01	1 (4)
Beryllium	0.0009	0.004	0 (4)
Boron	0.044	1	0 (4)
Cadmium	0.00032	0.00025	1 (4)
Chromium	0.0038	0.05	0 (4)
Copper	0.044	0.01817	2 (4)
Cyanide	0.022	0.001	0 (4)
Lead	0.022	0.0072	2 (4)
Nickel	0.0095	0.0085	1 (4)
Zinc	1.1	0.03543	1 (4)
TPH (>C10-C40)	1800	250	4 (6)
Total PAH	928	50	3 (6)

Notes: 1. Numbers in brackets denote the number of tests undertaken.
2. Organic determinant concentrations in mg/kg.

Arsenic, cyanide, and nickel have been recorded in excess of their relevant screening criteria in a single sample of Made Ground recovered from WS2 located centrally in the south-east, at a depth of 0.7m bgl.

Cadmium and zinc have been recorded in excess of their relevant screening criteria in a single sample of Made Ground recovered from WS1 located centrally in the south-east, at a depth of 0.3m bgl.

Copper and lead have been recorded in excess of their relevant screening criteria in two samples of Made Ground recovered from WS1 at 0.3m bgl and WS2 at 0.7m bgl.

TPH (>C10-C40) has been recorded in excess of its relevant screening criteria in four samples of Made Ground recovered from WS1, WS2, WS3 and WS4A at depths of between 0.3m and 1.5m bgl.



Total PAH has been recorded in excess of its relevant screening criteria in three samples of Made Ground recovered from WS1, WS2 and WS4A at depths of between 0.3m and 1.5m bgl.

Further assessment of the potential risk to controlled waters from the recorded concentrations of arsenic, cadmium, copper, cyanide, lead, nickel, zinc, TPH and PAH is considered necessary.

13.3 Discussion

The BGS indicates the site to be located within an area of mapped Made Ground. The Made Ground is indicated to be underlain by drift geology comprising Till (Secondary Aquifer – Undifferentiated). The Glacial Till is indicated to be underlain by solid geology of the Etruria Formation (Secondary Aquifer – A) across the majority of the site. Across the easternmost portion of the site the Till indicated to be directly underlain by solid geology of the Chester Formation (Principal Aquifer). The boundary between the Etruria and Chester Formations is indicated to be a fault trending approximately north to south.

The intrusive investigation generally confirmed the published geology. However, materials interpreted as Alluvium were encountered underlying the Made Ground at WS1 and WS2 located in the central south-eastern portion of the site. Furthermore, solid geology of the Chester Formation was not encountered during the intrusive investigation to its maximum depth of approximately 8.4m bgl, with the exploratory boreholes terminating in Till at WS2 and WS3 and Etruria Formation materials at WS1 and WS4A.

Made Ground materials were encountered across the site to depths of between 0.55m and 2.1m bgl at TP2 WS4A, respectively.

The site is not located in a SPZ.

There are eleven abstractions from groundwater located within 1.0km of the site. The closest listings relate to the abstraction of groundwater for 'mineral products: process water' located approximately 590m to the east with the remaining listings located at distances greater than approximately 760m from the site.

The nearest identified surface water feature is Corn Brook which runs through the central portion of the site.

There are no abstractions from surface water located within 0.5km of the site.

The environmental sensitivity of the site is therefore considered to be moderate to high.

The site is indicated to be in an area of mapped Made Ground and the historical data indicates that portions of the site and surrounding area have formerly comprised refuse heaps with areas of possible reprofiling works also evident in the surrounding area. The intrusive investigation has identified Made Ground across the site to a maximum depth of 2.1m bgl. It is anticipated that further areas of significant Made Ground are present in the vicinity of the site associated with historical refuse heaps, reprofiling and industrial development.

The environmental database search results indicate the site to be located in an area associated with marginally elevated concentrations of arsenic and nickel and more significantly elevated concentrations of lead associated with historical industrial activities. Further to this, the site is located within a predominantly industrial land-use setting.



The contamination assessment has identified concentrations of PAH and TPH in soils in excess of their relevant screening criteria. The TPH gas chromatographs for the most elevated TPH results indicate this determinant to be characterised by longer chain species with chain lengths >C16. It is considered that the identified PAH and TPH contamination in soil is associated with clinker and slag type materials identified within the Made Ground and is therefore characterised by longer chain aromatic hydrocarbons. Contamination of this type is not considered to be significantly leachable, soluble or mobile within the environmental setting. Due to the nature of the identified TPH and PAH contamination, the potential risk to controlled waters is considered to be very low if not negligible and will not be considered further.

The identified exceedance for cyanide is of the relevant EQS. The EQS is for free cyanide. The recorded cyanide is total cyanide. Free cyanide has not been recorded in excess of the relevant chemical laboratory detection limit of 0.001mg/l and therefore does not exceed the relevant screening criteria. The DWS for cyanide is 0.05mg/l and this is applicable for total cyanide. The maximum recorded concentration of total cyanide is 0.022mg/l which does not exceed the relevant screening criteria. The potential risk to controlled water from the recorded concentrations of cyanide is therefore considered to be negligible and will not be considered further.

The recorded exceedances for arsenic, cadmium, copper and nickel are considered to be relatively minor in nature and therefore the potential risk to controlled water is considered to be low. The exceedance for zinc is considered to be potentially more significant.

It is understood that the proposed development comprises buildings and hardstandings at the surface across the majority of the site. The presence of buildings and hardstandings will limit infiltration and therefore the potential for leaching to occur. However, groundwater has been encountered at shallow depth across the site and at depths coincident with Made Ground materials that contain the contaminants of concern and therefore mobilisation of contamination could occur.

However, given the only potentially significantly elevated concentrations are for zinc that has only been recorded in excess of its relevant screening criteria in a single sample of Made Ground the potential risk to controlled waters is considered to be low. Further to this, it is noted that the site is located within an area of BGS mapped Made Ground and is within a predominantly industrial area associated with elevated concentrations of metals. The recorded concentrations at the site are therefore considered to be representative of the regional geochemistry and are unlikely to be indicative of a 'hotspot' of contamination.

In consideration of the nature and extent of the contaminants of concern and the site setting, remediation at the site is not considered necessary or justifiable as the environmental benefit is considered to be very low if not negligible.

Based on the findings of this contamination assessment, no further assessment of the potential risk to controlled waters is considered necessary. Remediation of soils to be protective of controlled water waters is not considered necessary.



14 WASTE DISPOSAL

Based on the results of the chemical laboratory the Made Ground materials present across the site may be classified as hazardous waste in term of disposal, due to the recorded concentrations of copper, lead, zinc and TPH, and should be considered as such until further testing is completed to prove otherwise.

Based on the results of the laboratory analysis completed, the Alluvium and Glacial Till materials may be classified as non-hazardous waste in terms of disposal and should be considered as such until further testing is completed to prove otherwise. It is anticipated that these materials may be classified as inert subject to the completion of appropriate laboratory analysis including WAC testing.

Laboratory testing has not been undertaken on the Etruria Formation materials however, it is anticipated that these materials may be classified as inert subject to the completion of appropriate laboratory analysis including WAC testing.

Prior to disposal, the characteristics of any excavated soils will need final classification in consultation with the relevant waste disposal facility and further testing and analysis may be required on the actual materials requiring off-site disposal.

It is recommended that the Made Ground and natural soils requiring off-site disposal are segregated to avoid addition disposal costs.



15 DISCOVERY STRATEGY

There is the potential for potentially contaminated materials, differing ground conditions or buried structures to be present at the site between exploratory hole locations. Should any of these conditions be identified during the development works, ASL should be contacted immediately to allow further assessment to be completed to ensure the identified critical receptors are not at risk.

This assessment may take the form of additional intrusive investigation, sampling and laboratory analyses subject to the nature of the conditions encountered.



16 FURTHER WORK

Due to the nature of the ground conditions at the it is considered that significant difficulties would be experienced associated with the use of conventional foundations. It is therefore considered that a piled foundation solution is likely to be required for the proposed development. If a piled foundation solution is to be adopted for the proposed development, further intrusive investigation may be required to fully determine the nature of the deeper ground conditions and to provide geotechnical parameters to assist with pile design.



17 CONCLUSIONS AND RECOMMENDATIONS

A desk study and ground investigation has been completed at the site to characterise the ground and groundwater conditions. A geotechnical and contamination assessment has been completed based on the results of these investigations. The conclusions of this assessment are summarised as follows:

It is recommended that an asbestos survey is completed by a specialist contractor prior to the commencement of the development works.

Due to the depth to suitable founding strata across the site together with the nature of the overlying Made Ground and Alluvium materials and the presence of shallow groundwater, it is considered that significant difficulties are likely to be experienced with the excavation and placement of conventional foundations. In addition, it is considered that the presence of adjacent building and retaining structures and the existing stream is likely pose further constraints with regards to the excavation and support of deep excavations associated with the use conventional foundations.

It is therefore considered that an alternative foundation solution, such as piles, is likely to be required for the proposed development, with piles extending into the deeper more competent Till and or Etruria Formation materials.

It should be noted that if a piled foundation solution is to be adopted for the proposed development, further intrusive investigation may be required to fully determine the nature of the deeper ground conditions and to provide geotechnical parameters to assist with pile design.

Due to the presence of Made Ground materials in excess of 600mm and the presence of shallow, low strength Alluvium materials it is considered that a suspended floor slab with a suitable floor void for medium volume change potential soils should be adopted for the proposed development.

The Alluvium and Made Ground materials were locally found to comprise very soft/loose materials and may therefore be subject to spalling and collapse within excavations. Deeper excavations may to be prone to rapid, unpredictable, large scale collapse, particularly in the presence of groundwater inflows.

It is considered that significant groundwater inflows will occur within excavations forming part of the proposed development. Where groundwater inflows occur within cohesive strata, they may be suitably controlled with the use of conventional sump pumping techniques, however It is anticipated that instability of excavations will occur in conjunction with any significant inflows.

Where groundwater inflows occur within granular strata, it is considered that these are unlikely to be suitably controlled by the use of conventional sump pumping techniques and therefore an alternative dewatering solution is likely to be required. It is recommended that the advice of a specialist contractor is sort with regards to the requirements for dewatering at the site.

Based on the results of chemical laboratory testing undertaken on samples recovered from the Made Ground materials it is considered that a design Sulphate Class "DS-4" (based on total potential sulphate) and an Aggressive Chemical Environment for Concrete (ACEC) site classification "AC-4" should be adopted for all concrete placed in contact with these materials within shallow excavations including foundations and services.



A Design Sulphate Class “DS-1” (based on total potential sulphate) and an Aggressive Chemical Environment for Concrete (ACEC) site classification “AC-1” should be adopted for all concrete placed within the Alluvium and Till materials including foundations and services.

It is considered that a Design Sulphate Class of DS-1 (based on water soluble sulphate) and an Aggressive Chemical Environment for Concrete (ACEC) of AC-1 could be adopted for concrete used within piles.

For the basis of design of any areas of hardstanding or access roads a design CBR value of 1% could be adopted in Made Ground or Alluvium materials at the site. A design CBR value of 3% could be adopted where the formation level lies within the cohesive Till materials following the removal of any overlying Made Ground or otherwise unsuitable materials.

The results of ground gas monitoring indicate that the gas protection measures are not required for the proposed development. This conclusion should be agreed with the relevant regulatory authorities prior to the commencement of development works.

The contamination assessment with regards to the potential risk to human health has identified the need for mitigation measures. The mitigation measures are summarised as follows:

- A cover system comprising a minimum of 200mm of ‘clean’ imported growing media is required in all areas of soft landscaping forming part of the proposed development in the south-east of the site;
- It is considered appropriate for all development personnel to wear the appropriate personal protective equipment and to adopt appropriate health and safety protocols where works below ground level are required until the placement of the cover layer or the removal of the impacted materials.
- The chemical laboratory test results within this report should be forwarded to the mains water service provider to ensure that their requirements for service line construction on brownfield sites are satisfied.

The installation of the cover layer may require validation to confirm it has been installed to the required thickness with suitable material.

The contamination assessment with regards to the potential risk to controlled waters did not identify a significant potential risk to the critical receptor. No further assessment of the potential risk to controlled waters from contamination present in soil at the site is considered necessary. No remediation of soils to be protective of controlled waters is considered necessary.

The Made Ground materials present across the site may be classified as hazardous waste in term of disposal, due to the recorded concentrations of copper, lead, zinc and TPH, and should be considered as such until further testing is completed to prove otherwise.

The underlying natural materials may be classified as non-hazardous in terms of disposal. It is anticipated that these materials may be classified as inert subject to the completion of appropriate laboratory analysis including WAC testing.



REFERENCES

BGS Sheet No. 85 'Manchester' (Solid and Drift)

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DEFRA R&D Publication CLR 12 "A Quality Approach for Contaminated Land Consultancy" dated 1997.

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BS5930:2015 "Code of Practice for Site Investigation"

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Environment Agency's Publication 'Methodology for the Derivation of Remedial Targets for Soil and Groundwater to Protect Water Resources' R&D Publication 20

Environment Agency's 'Remedial Targets Worksheet, Release 3.1' (October 2007)

Concrete – Complementary British Standards to BS EN 206-1 Part 1: Method of specifying and guidance for the specifier (BS 8500-1:2006)

Concrete – Complementary British Standard to BS EN 206-1 – Part 2: Specification for constituent materials and concrete (BS 8500-2:2006)

CIRIA C735 "Good practice on the testing and verification of protection systems for buildings against hazardous ground gases". 2014

Total Petroleum Hydrocarbon Criteria Working Group Series Volume 3 and 4, 1997

Human health toxicological assessment of contaminants in soil (Report Reference SC050021/SR2, dated January 2009);

Updated technical background to the CLEA model (Report Reference SC050021/SR3, dated January 2009);

CLEA Software Handbook (Report Reference SC050021/SR4, dated January 2009);

Compilation of Data for Priority Organic Pollutants for Derivation of Soil Guideline Values (Report Reference SC050021/SR7, dated November 2008).

BS8485 'Code of practice for the characterisation and remediation from ground gas in affected developments', 2015

NHBC standards 2019

Environmental Database Search report reference: 273059843_1_1



GENERAL NOTES

The interpretation made in this report is based on the information obtained during the course of the desk study and ground investigation. It should be appreciated that any desk study information is not necessarily exhaustive and that further information relevant to the site and its proposed usage may be available. There may be conditions present on the site that have not been revealed by the ground investigation which as a result have not been addressed within this report.

The accuracy of any map extracts cannot be guaranteed and it should be recognised that different conditions on site may have existed between and subsequent to the various map surveys.

The qualitative assessment of risk presented in this report presents an assessment of potential pollutant linkages between sources, pathways and receptors. A level of risk is attributed to these linkages. However a low or insignificant risk does not imply that elevated concentrations of various determinants are not present on the site when compared to background or 'greenfield' conditions.

The level of risk attributed is based on a number of factors and the interpretation of this risk may be applied in a different manner for a different end use or environmental setting. The presence of contaminants may be assessed in alternative ways by institutional bodies regardless of whether an apparent risk is present based on the identified pollutant linkages in this assessment.

This report may express an opinion on possible configurations of strata underlying the site between or beyond the exploratory holes or on the possible presence of features based on either visual, verbal or published evidence, this is for guidance only and no liability can be accepted for its accuracy.

Comments made on ground conditions are based on the observations made at the time of the investigation works. It should be noted that groundwater levels may vary due to seasonal fluctuation or other factors. Observations made with respect to below ground gas concentrations may also vary due to seasonal factors and atmospheric conditions.

This report has been prepared in relation to the proposed development as detailed herein. Should the nature of the development change following the submission of this report a re-assessment of the conditions recorded on the site may be necessary.

This report may not be used in the assessment of the conditions at any site other than the site described herein

This report has been prepared for the sole use of the client and the client's agents and advisors in relation to the proposed development as detailed herein. The issue of this report to third parties not involved in the proposed development as described herein is not permitted without the prior permission being received in writing by ASL. Reproduction of this report to include all figures, drawings and appendices is prohibited without the prior written consent of ASL.



FIGURES



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OS Map Sheet No. 109 Manchester, 1:50,000 Scale, dated 2016

Not to Scale

Drawing No.	Figure 1
Drawing Name	Site Location Plan
Project	Ambrose Street, Manchester
Client Name	J Allcock & Sons Limited
Project No.	317-20-365

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asl



Key



Window Sample Location



Hand Excavated Foundation Inspection Pit Location



Groundwater and Ground Gas Monitoring Standpipe Location

Not to Scale

Drawing No.

Figure 2

Drawing Name

Site Layout Plan

Project

Ambrose Street, Manchester

Client Name

J Allcock & Sons Limited

Project No.

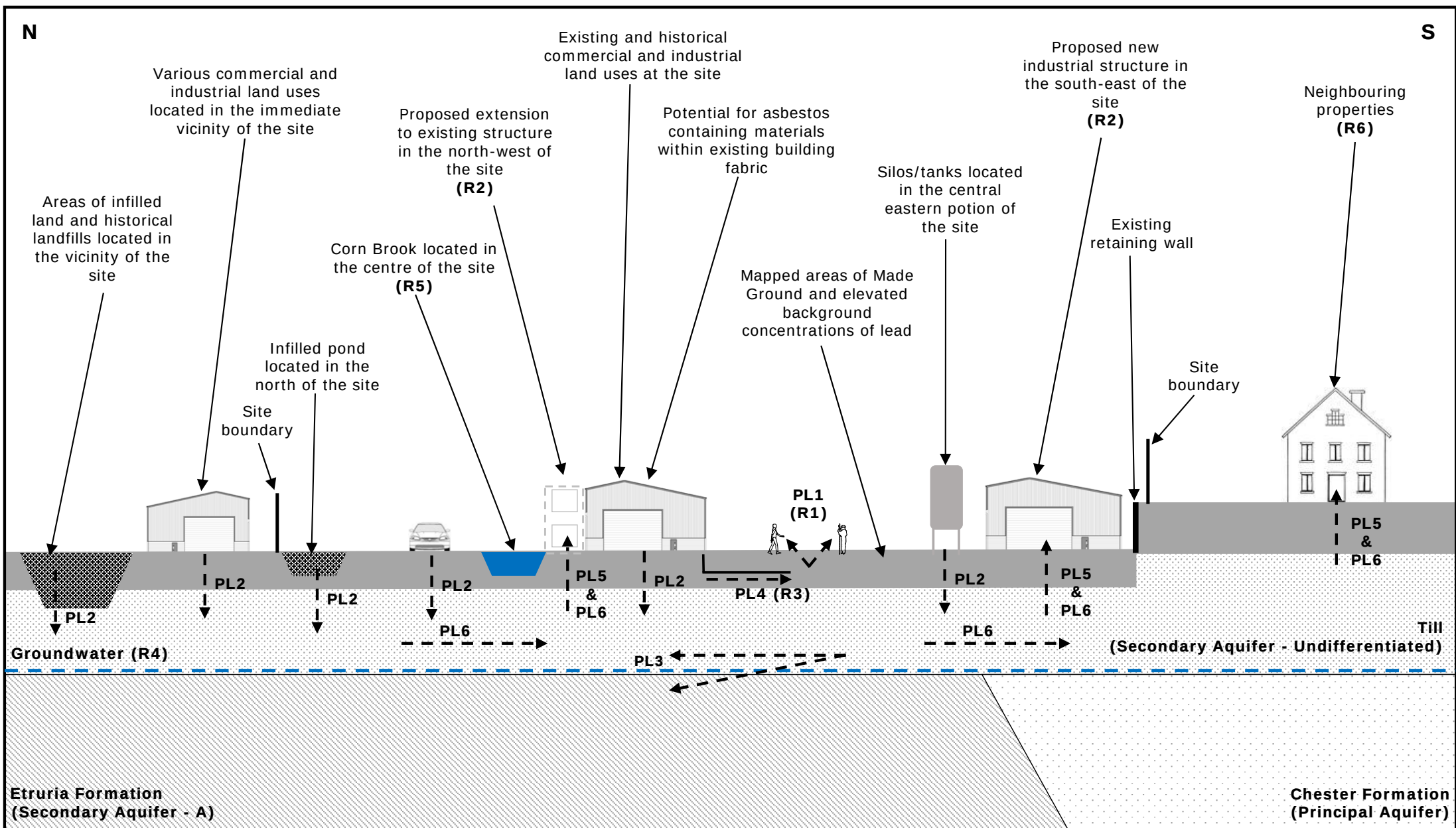
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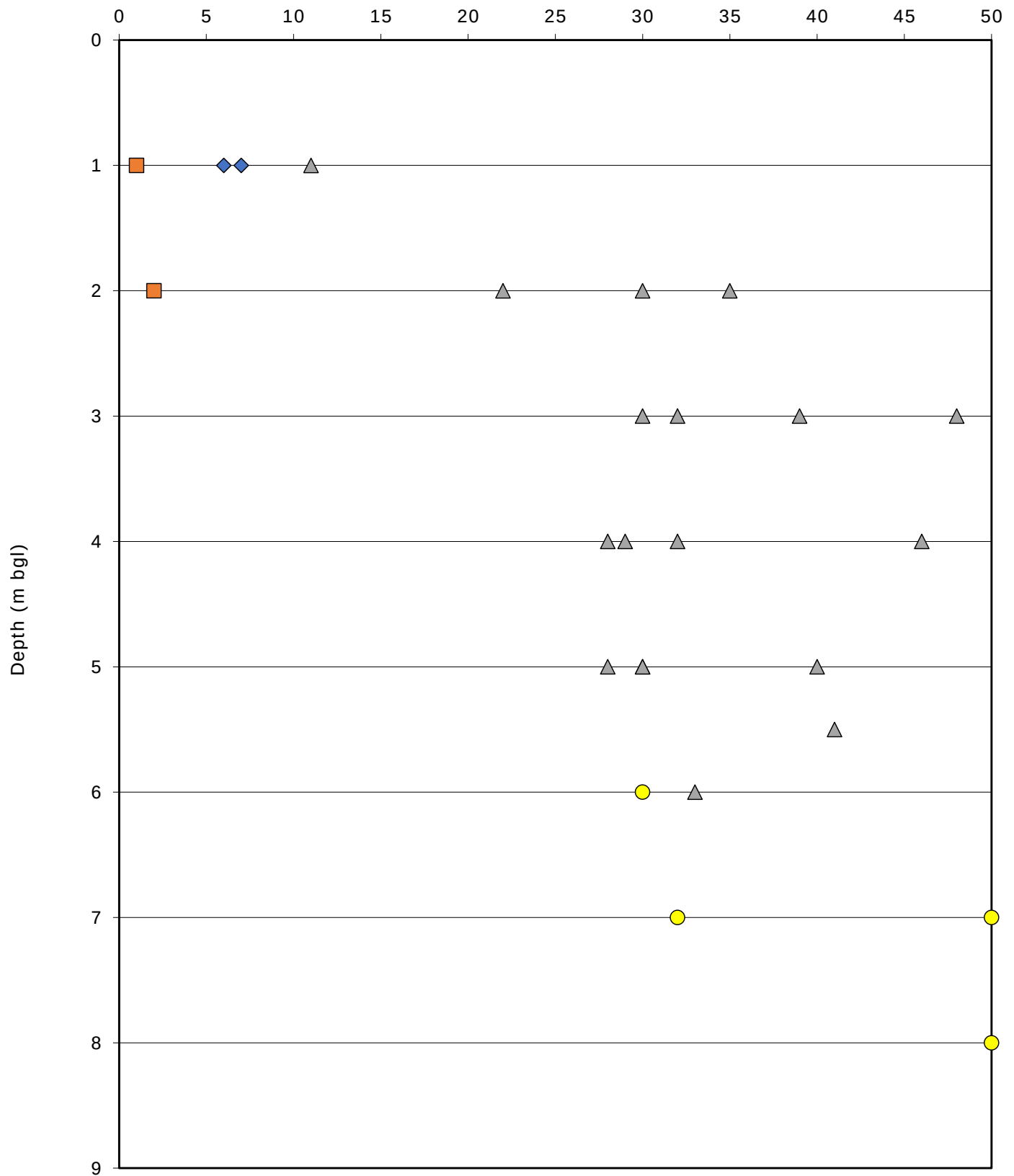
asl



Drawing No.	Figure 3	Summary of Pollutant Linkages (for full details see associated report)	
Drawing Name	Conceptual Site Model		
Project Name	Ambrose Street, Manchester		
Client Name	J Allcock & Sons Limited		
Project No.	317-20-365		
		Receptors: R1 - Construction and maintenance workers; R2 - Current and future site users; R3 - Service Lines; R4 - Groundwater; R5 - Surface watercourses; R6 - Neighbouring properties and residents.	Pathways: PL1 - Direct Physical Contact; PL2 - Migration from soils to groundwater via leaching; PL3 - Migration within groundwater; PL4 - Migration via service lines; PL5 - Volatilisation of contaminants from soils and groundwater; PL6 - Migration of hazardous ground gases.
		ASL Holly Farm Business Park Honiley Warwickshire CV8 1NP T: +44 (0)1926 485 508 E: info@aslenvironmental.co.uk W: www.aslenvironmental.co.uk	

asl

SPT 'N' Value



Drawing No.	Figure 4	Legend ◆ Made Ground ■ Alluvium ▲ Till ● Etruria Formation	ASL Holly Farm Business Park Honiley Warwickshire CV8 1NP T: +44 (0)1926 485 508 E: info@aslenvironmental.co.uk W: www.aslenvironmental.co.uk	
Drawing Name	SPT 'N' Value Versus Depth Below Ground Level			
Project Name	Ambrose Street, Manchester			
Client Name	J Allcock & Sons Limited			
Project No.	317-20-365			



APPENDIX I

COAL AUTHORITY REPORT

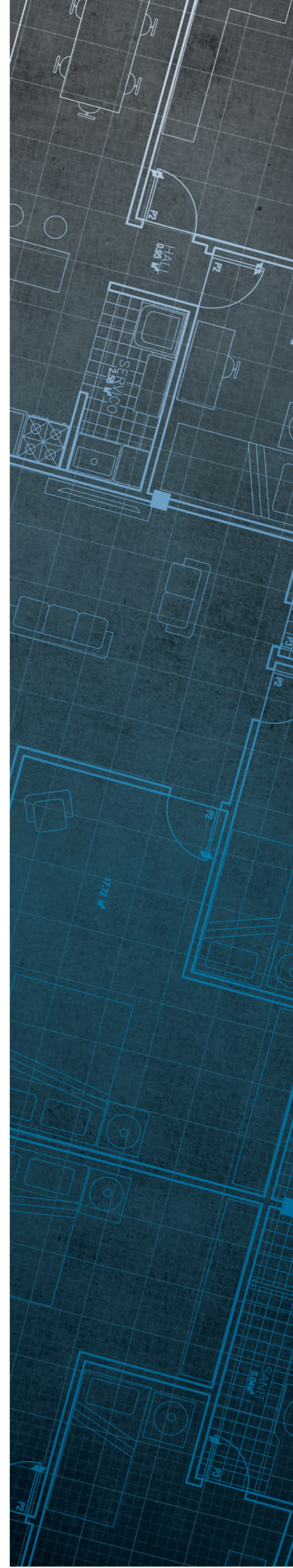


The Coal
Authority

Consultants Coal Mining Report

J.allcock And Sons Ltd, Ambrose
Street
Manchester
Lancashire
M12 5DJ

Date of enquiry:	9 February 2021
Date enquiry received:	9 February 2021
Issue date:	9 February 2021
Our reference:	51002350334001
Your reference:	273066615_1



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

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NLIS Hub

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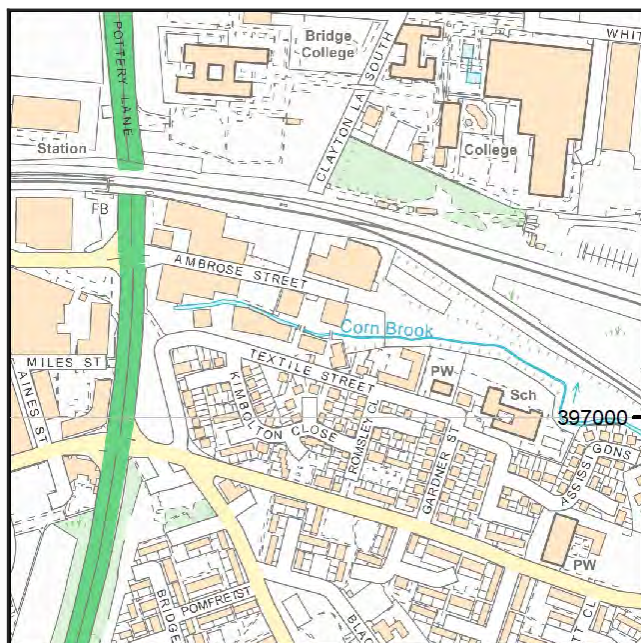
www.groundstability.com

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 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	BRADFORD FOUR FEET	Coal	35D6	240	Beneath Property	14.0	South-West	130	1880
unnamed	PARKER	Coal	35BX	741	Beneath Property	18.0	South-West	80	1935
unnamed	CROMBOUK E	Coal	359O	886	North-East	14.3	South	120	1915
unnamed	CROMBOUK E	Coal	359N	949	North-East	17.9	South-West	120	1915
unnamed	CROMBOUK E	Coal	359P	982	North	16.5	South-West	120	1929
unnamed	CROMBOUK E	Coal	359Q	985	North-East	16.6	South-West	120	1929
unnamed	CROMBOUK E	Coal	359M	1006	East	25.3	South-West	120	1940
unnamed	CROMBOUK E	Coal	359S	1037	North-West	10.7	South	120	1951
unnamed	CROMBOUK E	Coal	359R	1040	Beneath Property	11.3	South-West	120	1957
unnamed	ROGER	Coal	35B5	1052	East	17.3	South-West	180	1957
unnamed	ROGER	Coal	35B6	1053	North	12.8	South-West	180	1940
unnamed	CROMBOUK E	Coal	359K	1061	North-West	13.3	South-West	120	1948

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

11471	NW1169	989
NW645	NW1167	2655
NW644		

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Fault under or close to the property recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

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

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

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

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

Withdrawal of support notices

The property is in an area where a notice to withdraw support was given in 1955.

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

Payments to owners of former copyhold land

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

Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.



APPENDIX II

ENVIRONMENTAL DATABASE SEARCH RESULTS

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

273059843_1_1

Customer Reference:

317-20-365

National Grid Reference:

387420, 397100

Slice:

A

Site Area (Ha):

0.71

Search Buffer (m):

1000

Site Details:

J.Allcock and Sons Ltd, Ambrose Street

MANCHESTER

M12 5DJ

Client Details:

Mr M Davis

ASL

Holly Farm Business Park

Honiley

Warwickshire

CV8 1NP

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	28
Hazardous Substances	-
Geological	41
Industrial Land Use	49
Sensitive Land Use	-
Data Currency	86
Data Suppliers	93
Useful Contacts	94

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		5	9	6
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 7				9
Integrated Pollution Prevention And Control	pg 8			1	1
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 9		1	5	18
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 12	Yes			
Pollution Incidents to Controlled Waters	pg 12		4	6	5
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 15		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 15				1
Water Abstractions	pg 15				11 (*32)
Water Industry Act Referrals	pg 25				1
Groundwater Vulnerability Map	pg 26	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 26	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 26	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 26	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 26	Yes	Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 26	1	1	5	1

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 28		1		
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 28		1	3	15
Local Authority Landfill Coverage	pg 32	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 32			4	8
Potentially Infilled Land (Water)	pg 33		7	24	80
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 38			1	4
Registered Waste Treatment or Disposal Sites	pg 40			1	
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					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 41	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 41	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 42			4	6
BGS Urban Soil Chemistry	pg 44		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 47	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 47	Yes	n/a	n/a	n/a
Mining Instability	pg 47	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 47				1
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 47	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 47	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 47	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 48	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 48	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 48	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 49	1	7	44	175
Fuel Station Entries	pg 68				2
Points of Interest - Commercial Services	pg 68			9	58
Points of Interest - Education and Health	pg 74				1
Points of Interest - Manufacturing and Production	pg 74		4	22	66
Points of Interest - Public Infrastructure	pg 82		3	4	16
Points of Interest - Recreational and Environmental	pg 84		1	6	11
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
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					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	0	1	387450 397095
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	0	1	387417 397095
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	6	1	387400 397050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	9	1	387450 397050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	65	1	387417 397200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	127	1	387450 397250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	186	1	387500 397300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	236	1	387700 397000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	241	1	387700 397200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	271	1	387150 397300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	285	1	387500 397400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	294	1	387417 396750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	300	1	387750 396950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	310	1	387150 396850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	317	1	387200 396800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	324	1	387050 397000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	361	1	387000 397050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	385	1	387250 396700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	407	1	386950 397095
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	418	1	387300 396650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	434	1	387800 397400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	444	1	387417 396600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	448	1	386950 397300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	453	1	387350 396600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	459	1	386900 397150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	467	1	386900 397200
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Junction Of Ashton New Road Cso Eccleshall Street / Eswick St, Openshaw, Manchester, Greater Manchester, M11 4gl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982734 Permit Version: 3 Effective Date: 20th December 2019 Issued Date: 20th December 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Via Sws Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13NW (W)	40	2	387320 397120
1	Discharge Consents Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Junction Of Ashton New Road Cso Eccleshall Street / Eswick St, Openshaw, Manchester, Greater Manchester, M11 4gl Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982734 Permit Version: 2 Effective Date: 2nd August 2005 Issued Date: 2nd August 2005 Revocation Date: 19th December 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13NW (W)	40	2	387320 397120
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Parrott Street/Bromlow Street Cso Parrott St/Bromlow St Junction, Openshaw, Manchester, Greater Manchester, M11 4qw Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0107 Permit Version: 4 Effective Date: 6th November 2019 Issued Date: 6th November 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Via Sws Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13NW (W)	44	2	387317 397124

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Rolls Royce Ltd Property Type: MAKING OF MACHINERY/ENGINE/PUMP/FURNACE/TRACTOR Location: Pottery Lane, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Upper Mersey Reference: 016992566 Permit Version: 1 Effective Date: 3rd August 1993 Issued Date: Not Supplied Revocation Date: 3rd October 1994 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location	A13NW (NW)	174	2	387300 397300
2	Discharge Consents Operator: Rolls Royce Ltd Property Type: MAKING OF MACHINERY/ENGINE/PUMP/FURNACE/TRACTOR Location: Pottery Lane, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016992566 Permit Version: 2 Effective Date: 4th October 1994 Issued Date: Not Supplied Revocation Date: 31st March 1996 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	174	2	387300 397300
3	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Vaughan Street Cso 15m N Of Vaughan St/Bennett St, West Gorton, Manchester, Greater Manchester, M12 5fq Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993693 Permit Version: 2 Effective Date: 6th November 2019 Issued Date: 6th November 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook In Culvert Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SE (W)	379	2	386979 397074
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: George Street/Clayton Lane, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0374 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 12th December 2014 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A18SE (N)	408	2	387530 397520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: South St/Nr Clayton Lane, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0375 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 8th August 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Unknown Environment: Receiving Water: Unknown Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A18SE (N)	421	2	387540 397530
5	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Gorton Ln/Crossley St, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01man0214 Permit Version: 1 Effective Date: 15th September 1993 Issued Date: Not Supplied Revocation Date: 15th September 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	410	2	387790 396810
6	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Vaughan Street Cso 15m N Of Vaughan St/Bennett St, West Gorton, Manchester, Greater Manchester, M12 5fq Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 01MAN0218 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 12th September 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A12SE (W)	479	2	386880 397060
6	Discharge Consents Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Vaughan Street Cso 15m N Of Vaughan St/Bennett St, West Gorton, Manchester, Greater Manchester, M12 5fq Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993693 Permit Version: 1 Effective Date: 13th September 2005 Issued Date: 13th September 2005 Revocation Date: 5th November 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Status: Consent Currently Under Appeal Positional Accuracy: Located by supplier to within 10m	A12SE (W)	480	2	386880 397050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Vaughan Street Cso 15m N Of Vaughan St/Bennett St, West Gorton, Manchester, Greater Manchester, M12 5fq Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982957 Permit Version: 3 Effective Date: 17th September 2018 Issued Date: 17th September 2018 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Clvrt Section Of Corn Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SE (W)	484	2	386876 397049
6	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Vaughan Street Cso 15m N Of Vaughan St/Bennett St, West Gorton, Manchester, Greater Manchester, M12 5fq Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982957 Permit Version: 2 Effective Date: 21st January 2014 Issued Date: 29th March 2010 Revocation Date: 16th September 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SE (W)	484	2	386876 397049
6	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Vaughan Street Cso 15m N Of Vaughan St/Bennett St, West Gorton, Manchester, Greater Manchester, M12 5fq Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982957 Permit Version: 1 Effective Date: 23rd June 1995 Issued Date: Not Supplied Revocation Date: 20th January 2014 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Corn Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A12SE (W)	490	2	386870 397050
7	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Gorton Road (Lighting Tower), Clayton, Manchester, Greater Manchester, M11 2dz Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0199 Permit Version: 3 Effective Date: 9th January 2020 Issued Date: 9th January 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Black Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (W)	785	2	386631 397409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Gorton Road (Lighting Tower), Clayton, Manchester, Greater Manchester, M11 2dz Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0199 Permit Version: 2 Effective Date: 21st January 2014 Issued Date: 29th March 2010 Revocation Date: 8th January 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Black Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (W)	785	2	386631 397409
8	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Ashton New Rd/Bebbington, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982734 Permit Version: 1 Effective Date: 30th September 1994 Issued Date: Not Supplied Revocation Date: 1st August 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Balck Brook Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	837	2	387795 397885
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Parrott Street/Bromlow Street Cso Parrott St/Bromlow St Junction, Openshaw, Manchester, Greater Manchester, M11 4qw Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01man0107 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 4th February 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Watercourse Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	840	2	387790 397890
8	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Ashton New Rd/Bebbington, Manchester, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0323 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 1st January 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Black Brook Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	840	2	387790 397890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Parrott Street/Bromlow Street Cso Parrott St/Bromlow St Junction, Openshaw, Manchester, Greater Manchester, M11 4qw Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01MAN0107 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Into And/Or Watercourse Environment: Receiving Water: Unnamed Watercourse Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	840	2	387790 397890
9	Integrated Pollution Controls Name: Ciba Specialty Chemicals Plc Location: PO Box 2, CLAYTON, Openshaw, MANCHESTER, Lancashire, M11 4AP Authority: Environment Agency, North West Region Permit Reference: By0577 Dated: 25th June 2004 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18SW (N)	520	2	387398 397659
9	Integrated Pollution Controls Name: Ciba Specialty Chemicals Plc Location: PO Box 2, CLAYTON, Openshaw, MANCHESTER, Lancashire, M11 4AP Authority: Environment Agency, North West Region Permit Reference: Bt9046 Dated: 12th February 2003 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18SW (N)	520	2	387398 397659
9	Integrated Pollution Controls Name: Ciba Specialty Chemicals Plc Location: PO Box 2, CLAYTON, Openshaw, MANCHESTER, Lancashire, M11 4AP Authority: Environment Agency, North West Region Permit Reference: AO5042 Dated: 3rd October 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (A) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18SW (N)	520	2	387398 397659
10	Integrated Pollution Controls Name: Air Products (chemicals) Plc Location: Clayton Lane, Clayton, MANCHESTER, Lancashire, M11 4SR Authority: Environment Agency, North West Region Permit Reference: AL2675 Dated: 18th February 1994 Process Type: IPC new application Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	907	2	387727 397983
10	Integrated Pollution Controls Name: Air Products (chemicals) Plc Location: Clayton Lane, MANCHESTER, M11 4SR Authority: Environment Agency, North West Region Permit Reference: AP6958 Dated: 18th January 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	912	2	387727 397988

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Integrated Pollution Controls Name: Air Products (chemicals) Plc Location: Clayton Lane, MANCHESTER, Lancashire, M11 4SR Authority: Environment Agency, North West Region Permit Reference: AR9427 Dated: 25th August 1995 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	913	2	387732 397988
10	Integrated Pollution Controls Name: Air Products (chemicals) Plc Location: Clayton Lane, Clayton, MANCHESTER, M11 4SR Authority: Environment Agency, North West Region Permit Reference: AZ8609 Dated: 3rd November 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	916	2	387722 397993
10	Integrated Pollution Controls Name: Air Products (chemicals) Plc Location: Clayton Lane, Clayton, MANCHESTER, Lancashire, M11 4SR Authority: Environment Agency, North West Region Permit Reference: BE1488 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Revoked - Now IPPC Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	917	2	387727 397993
10	Integrated Pollution Controls Name: Air Products (chemicals) Plc Location: Clayton Lane, Clayton, MANCHESTER, Lancashire, M11 4SR Authority: Environment Agency, North West Region Permit Reference: AK7078 Dated: 18th February 1994 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	918	2	387732 397993
11	Integrated Pollution Prevention And Control Name: Urban Reserve (Assetco) Limited Location: Whitworth Power Epr/Zp3807pl, Whitworth Power, Land Off Whitworth Street,, Manchester, M11 2NE Authority: Environment Agency, North West Region Permit Reference: ZP3807PL Original Permit Ref: Zp3807pl Effective Date: 24th January 2020 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 25B (3)(1)(a) Activity Description: Tranche B SG permitting date 1st January 2019 Primary Activity: N Activity Code: 25A (a) Activity Description: New Medium Combustion Plant Primary Activity: Y	A14NW (NE)	417	2	387841 397313
12	Integrated Pollution Prevention And Control Name: Iceland Manufacturing Limited Location: Iceland Manufacturing Limited - Epr/Np3303py, -, Hammerstone Road,, Gorton, Greater Manchester, M18 8BW Authority: Environment Agency, North West Region Permit Reference: NP3303PY Original Permit Ref: Np3303py Effective Date: Not Supplied Status: Valid Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 6.8 A(1) (D) (II) Activity Description: Animal vegetable and food treating etc vegetable Primary Activity: Y	A14SE (E)	919	2	388340 396760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Local Authority Pollution Prevention and Controls Name: Long & Crawford Ltd Location: Gorton Road, West Gorton, MANCHESTER, Greater Manchester, M12 5DA Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/43/93 Dated: 1st March 1996 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A13NW (W)	242	3	387115 397110
14	Local Authority Pollution Prevention and Controls Name: Lafarge Aggregates Ltd Location: Ashburys Railway Sidings, Off Bessemer Street, Gorton, Manchester, Lancashire, M11 2 Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/05/05/AW Dated: 28th January 2000 Process Type: Local Authority Air Pollution Control Description: PG3/15 Mineral drying and roadstone coating processes Status: Authorised Positional Accuracy: Located by supplier to within 10m	A14NW (E)	289	3	387762 397153
15	Local Authority Pollution Prevention and Controls Name: Mancat - Openshaw Campus Location: Whitworth Street, Openshaw, MANCHESTER, Lancashire, M11 2WH Authority: Manchester City Council, Environmental Health Department Permit Reference: 80/95 Dated: 20th November 1995 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	311	3	387614 397390
16	Local Authority Pollution Prevention and Controls Name: Lafarge Aggregates Ltd Location: Ashbury Sidings, Bessemer Street, Gorton, MANCHESTER, M11 Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/05/05/AW Dated: 19th October 2001 Process Type: Local Authority Air Pollution Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Manually positioned to the address or location	A14NW (E)	348	3	387823 397146
17	Local Authority Pollution Prevention and Controls Name: Sanderson Ford Manchester Garages Ltd Location: Gorton Lane, Gorton, Manchester, Lancashire, M18 8bt Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/93/97 Dated: 27th January 1997 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	357	3	387786 396897
18	Local Authority Pollution Prevention and Controls Name: Sprayrite Commercials Manchester Location: Unit 1 Vaughan Industrial Estate, Vaughan Street, W Gorton, Manchester, M12 5du Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/31/05/AW Dated: 1st June 1996 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A12NE (W)	495	3	386876 397220
18	Local Authority Pollution Prevention and Controls Name: Cvr Commercials Ltd Location: Unit 2 Vaughan Industrial Estate, Vaughan Street, West Gorton, M12 5du Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/05/10/RM Dated: 18th August 2010 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Located by supplier to within 10m	A12NE (W)	505	3	386863 397207

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Local Authority Pollution Prevention and Controls Name: Cemex Operations Location: Preston Street, Gorton, MANCHESTER, Greater Manchester, M18 8DB Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/17/05/AW Dated: 3rd October 1996 Process Type: Local Authority Air Pollution Control Description: PG3/1 Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Manually positioned to the address or location	A14SW (E)	543	3	387997 396920
20	Local Authority Pollution Prevention and Controls Name: Manchester City Council Direct Works Department Location: Bessemer Street, Manchester, Lancashire, M11 2nw Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/16/92 Dated: 26th May 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A14NW (E)	552	3	388015 397234
21	Local Authority Pollution Prevention and Controls Name: Belle Vue Filling Station Location: 545 Hyde Road, Belle Vue, Gorton, MANCHESTER, Lancashire, M18 5NQ Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/PFS/RM/009/06 Dated: 23rd December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A8NW (S)	566	3	387258 396508
22	Local Authority Pollution Prevention and Controls Name: Forrest & Sym Ltd Location: 155 Bennett Street, Ardwick, Manchester, M12 5ab Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/75/95/96 Dated: 31st December 1992 Process Type: Local Authority Air Pollution Control Description: PG2/4 Iron, steel and non-ferrous metal foundry processes Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A12SE (W)	590	3	386768 397067
22	Local Authority Pollution Prevention and Controls Name: Forrest & Sym Ltd Location: 155 Bennett Street, Ardwick, Manchester, M12 5ab Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/75/95/96 Dated: 31st December 1992 Process Type: Local Authority Air Pollution Control Description: PG2/5 Hot and cold blast cupolas Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A12SE (W)	590	3	386768 397067
22	Local Authority Pollution Prevention and Controls Name: Kingspan Hotwater Systems Ltd (Manchester Copper Smiths) Location: Garland Works, Bennett Street, MANCHESTER, M12 5BW Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/18/05/AW Dated: 5th December 2000 Process Type: Local Authority Air Pollution Control Description: PG6/29 Di-isocyanate processes Status: Authorised Positional Accuracy: Located by supplier to within 10m	A12SE (W)	594	3	386763 397084
23	Local Authority Pollution Prevention and Controls Name: Manchester City Council Direct Works Department Location: Bessemer Street, Manchester, Lancashire, M11 2nw Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/16/92 Dated: 30th April 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG6/31 Powder coating processes (including sheradizing) Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	653	3	388126 397180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Local Authority Pollution Prevention and Controls Name: Cascade Ltd Location: 3 Kelbrook Road, Parkhouse Industrial Estate, Openshaw, M11 2dd Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/01/09/RM Dated: 23rd March 2009 Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Permitted Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	677	3	387807 397702
25	Local Authority Pollution Prevention and Controls Name: Rotunda Plc Location: Clayton Lane, Clayton, Manchester, M11 4sr Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/60/63 Dated: 14th June 1994 Process Type: Local Authority Air Pollution Control Description: PG6/28 Rubber processes Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18NE (N)	700	3	387585 397808
26	Local Authority Pollution Prevention and Controls Name: Corbett Robertson & Co Location: 14-18 Tuley Street, MANCHESTER, Lancashire, M11 2DY Authority: Manchester City Council, Environmental Health Department Permit Reference: 79/95 Dated: 6th November 1995 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	723	3	386710 397438
27	Local Authority Pollution Prevention and Controls Name: Hartwell Manchester Location: Hyde Road, Belle Vue, Gorton, Manchester, Greater Manchester, M12 4sa Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC72/95 Dated: 12th January 1996 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	725	3	386832 396583
28	Local Authority Pollution Prevention and Controls Name: Approved Hydraulics Location: The Brook Business Complex, Bennett Street, MANCHESTER, Lancashire, M12 5AU Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/15/05/AW Dated: 3rd September 1996 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A12SW (W)	738	3	386620 397078
29	Local Authority Pollution Prevention and Controls Name: Innovative Output Solutions Ltd (K2) Location: 21 Kay Street, Openshaw, MANCHESTER, M11 2DX Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/19/05/AW Dated: 19th December 2000 Process Type: Local Authority Air Pollution Control Description: PG6/16 Printworks Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	806	3	386654 397513
30	Local Authority Pollution Prevention and Controls Name: Benson Components Ltd Location: Saxon Works, South Street, Openshaw, MANCHESTER, Lancashire, M11 2HR Authority: Manchester City Council, Environmental Health Department Permit Reference: 55/93 Dated: 29th October 1993 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	847	3	388217 397522

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Local Authority Pollution Prevention and Controls Name: Thomas Storey Fabrications Ltd Location: Stainburn Road, Openshaw, Manchester, M11 2er Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/B/41/06/RM Dated: 4th April 2006 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	894	3	387937 397877
32	Local Authority Pollution Prevention and Controls Name: Openshaw Service Station Location: South Street, Ashton Old Road, Openshaw, MANCHESTER, Lancashire, M11 3LW Authority: Manchester City Council, Environmental Health Department Permit Reference: Pfs/11/98 Dated: 22nd December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A14NE (E)	896	3	388315 397426
33	Local Authority Pollution Prevention and Controls Name: Central Truck Specialists Ltd Location: 11 Froxmer Street, Gorton, MANCHESTER, M18 8EM Authority: Manchester City Council, Environmental Health Department Permit Reference: PPC/69/94 Dated: 20th October 1994 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A9NE (E)	993	3	388408 396730
	Nearest Surface Water Feature	A13NW (W)	0	-	387387 397095
34	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Corn Brook; Oil Incident Date: 22nd March 1996 Incident Reference: 96650536 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	23	2	387500 397100
35	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Organic Wastes: Unknown Note: Corn Brook Incident Date: 4th December 1995 Incident Reference: 95652915 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	65	2	387400 397200
36	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Corn Brook; Oil Incident Date: 22nd March 1996 Incident Reference: 96650530 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (E)	123	2	387600 397100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Industrial Effluent Note: Corn Brook; Drum Washings Incident Date: 11th February 1993 Incident Reference: 93640213 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	144	2	387600 397000
38	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Corn Brook; None Pollution Found Incident Date: 10th May 1995 Incident Reference: 95651082 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	284	2	387700 396900
39	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 29th April 1996 Incident Reference: 96631133 Catchment Area: Medlock Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	376	2	387500 397495
39	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: Chemicals To Drains Incident Date: 9th April 1996 Incident Reference: 96630695 Catchment Area: Medlock Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	381	2	387500 397500
40	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Other Organic Note: Corn Brook; Latex Incident Date: 9th August 1994 Incident Reference: 94651819 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	458	2	387900 396900
40	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Other Chemicals Note: Corn Brook; Latex Incident Date: 21st April 1995 Incident Reference: 95650878 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	460	2	387900 396895

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident - Static Site Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Corn Brook Incident Date: 27th October 1992 Incident Reference: 92641899 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	466	2	387300 396600
42	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Watercourse Affluence Incident Date: 11th November 1994 Incident Reference: 94652477 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	575	2	387500 397700
43	Pollution Incidents to Controlled Waters Property Type: Restaurant/Hotels/Pubs Location: Yummie 36 Take Away, Wellington Street, GREAT HARWOOD Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Fire water / Foam Note: Corn Brook; Fire Water Run Off Incident Date: 22nd July 1997 Incident Reference: 97651326 Catchment Area: Manchester Ship Canal Receiving Water: Freshwater Stream/River Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	625	2	386800 397400
44	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Clayton Brook Incident Date: 28th June 1994 Incident Reference: 94651414 Catchment Area: Manchester Ship Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	672	2	387800 397700
45	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: River Goyt Incident Date: 16th March 1995 Incident Reference: 95640540 Catchment Area: Goyt Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	940	2	386500 397500
46	Pollution Incidents to Controlled Waters Property Type: Garage Premises Location: Tibbett & Bitter, GORTON Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Corn Brook; Diesel Incident Date: 19th June 1997 Incident Reference: 97641110 Catchment Area: Manchester Ship Canal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (E)	997	2	388400 396700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Corn Bk GQA Grade: River Quality C Reach: Qsl At Openshaw To Msc Estimated Distance (km): 5.6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A13SE (S)	227	2	387511 396829
47	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 18th November 2008 Incident Reference: 639771 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Vehicles And Vehicle Parts	A9NW (SE)	699	2	387940 396552
48	Water Abstractions Operator: Cemex Uk Materials Limited Licence Number: Nw/069/0004/012 Permit Version: 2 Location: Borehole At Preston Street, Manchester Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st December 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	587	2	388030 396880
48	Water Abstractions Operator: Cemex Uk Materials Limited Licence Number: Nw/069/0004/012 Permit Version: 1 Location: Borehole At Preston Street, Manchester Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 19th June 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	587	2	388030 396880
48	Water Abstractions Operator: Cemex Uk Materials Ltd Licence Number: 2569006044 Permit Version: 3 Location: Borehole At Preston Street, Gorton, Manchester Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole At Preston Street, Gorton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th October 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	587	2	388030 396880

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	Water Abstractions Operator: Cemex Uk Materials Ltd Licence Number: 2569006044 Permit Version: 2 Location: Borehole At Preston Street, Gorton, Manchester Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole At Preston Street, Gorton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd March 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	587	2	388030 396880
48	Water Abstractions Operator: Rmc Readymix Ltd Licence Number: 2569006044 Permit Version: 1 Location: Borehole At Preston Street, Gorton, Manchester Authority: Environment Agency, North West Region Abstraction: Mineral Products: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Borehole At Preston Street, Gorton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	587	2	388030 396880
49	Water Abstractions Operator: Manchester City Council Licence Number: 2569006006 Permit Version: Not Supplied Location: Borehole, Openshaw, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 2273 Yearly Rate (m3): 2273 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	761	2	387800 397800
50	Water Abstractions Operator: Manchester City Football Club Limited Licence Number: Nw/069/0006/005/R01 Permit Version: 1 Location: Borehole At Openshaw, West Ashton Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	942	2	387681 398032

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
50	Water Abstractions Operator: Manchester City Football Club Limited Licence Number: Nw/069/0006/005/R01 Permit Version: 1 Location: Borehole At Openshaw, West Ashton Authority: Environment Agency, North West Region Abstraction: Private Water Undertaking: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	942	2	387681 398032
50	Water Abstractions Operator: Manchester City Football Club Limited Licence Number: Nw/069/0006/005 Permit Version: 1 Location: Borehole At Openshaw, West Ashton Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	942	2	387681 398032
50	Water Abstractions Operator: Manchester City Football Club Limited Licence Number: Nw/069/0006/005 Permit Version: 1 Location: Borehole At Openshaw, West Ashton Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	942	2	387681 398032
50	Water Abstractions Operator: Manchester City Football Club Limited Licence Number: Nw/069/0006/005 Permit Version: 1 Location: Borehole At Openshaw, West Ashton Authority: Environment Agency, North West Region Abstraction: Private Water Undertaking: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th November 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	942	2	387681 398032

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Ciba Specialty Chemicals Plc Licence Number: 2569006026 Permit Version: 101 Location: Borehole At Premises, Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2837 Yearly Rate (m3): 633949 Details: Premises At Clayton Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th July 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NE (N)	1013	2	387700 398100
	Water Abstractions Operator: Ciba Specialty Chemicals Plc Licence Number: 2569006026 Permit Version: 101 Location: Borehole At Premises, Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Clayton Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th July 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	1013	2	387700 398100
	Water Abstractions Operator: G R A Limited Licence Number: 2569006043 Permit Version: 2 Location: Permo-Triassic Sandstone At Belle Vue, Manchester Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Dust suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Belle Vue Greyhound Stadium, Gorton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	1074	2	387950 396100
	Water Abstractions Operator: Wembley Plc Licence Number: 2569006043 Permit Version: 1 Location: Permo-Triassic Sandstone At Belle Vue, Manchester Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Dust suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Belle Vue Greyhound Stadium, Gorton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 20th June 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	1074	2	387950 396100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Chief Operating Officer Of The Eastlands Trust Licence Number: Nw/069/0006/006 Permit Version: 1 Location: Permo-Triassic Sandstone At Belle Vue Leisure Centre Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Belle Vue Leisure Centre Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 16th May 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1164	2	387591 395891
	Water Abstractions Operator: Mr Clive Back Licence Number: 2569006042 Permit Version: 4 Location: Permo-Triassic Sandstone At Belle Vue Leisure Centre Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Belle Vue Leisure Centre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th February 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1164	2	387591 395891
	Water Abstractions Operator: Mr Clive Back Licence Number: 2569006042 Permit Version: 3 Location: Permo-Triassic Sandstone At Belle Vue Leisure Centre Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Belle Vue Leisure Centre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th February 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1164	2	387590 395890
	Water Abstractions Operator: Manchester City Council Licence Number: 2569006042 Permit Version: 2 Location: Permo-Triassic Sandstone At Belle Vue Leisure Centre Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Belle Vue Leisure Centre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th November 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1164	2	387590 395890

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Manchester City Council Licence Number: 2569006042 Permit Version: 1 Location: Permo-Triassic Sandstone At Belle Vue Leisure Centre Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Belle Vue Leisure Centre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th July 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3NE (S)	1164	2	387590 395890
	Water Abstractions Operator: Air Products Chemicals Ltd Licence Number: 2569006036 Permit Version: 100 Location: Borehole On Premises At Clayton Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 3600 Yearly Rate (m3): 372772 Details: Premises At Clayton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SW (NE)	1208	2	388000 398200
	Water Abstractions Operator: Air Products Chemicals Ltd Licence Number: 2569006036 Permit Version: 100 Location: Borehole On Premises At Clayton Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Clayton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (NE)	1208	2	388000 398200
	Water Abstractions Operator: British Waterways Licence Number: 2569006996 Permit Version: 100 Location: Ashton Canal, Manchester [Vitacom] Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 227300 Details: (British Vita Ltd) Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1969 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SE (N)	1276	2	387600 398395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: British Waterways Board Licence Number: 2569006030 Permit Version: Not Supplied Location: Manchester, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Ashton Canal Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SE (N)	1280	2	387600 398400
	Water Abstractions Operator: Evonik Chemicals Limited Licence Number: 2569006036 Permit Version: 103 Location: Borehole On Premises At Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Clayton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th March 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (NE)	1289	2	388027 398277
	Water Abstractions Operator: Air Products (Chemicals) Limited Licence Number: 2569006036 Permit Version: 102 Location: Borehole On Premises At Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Clayton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th January 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (NE)	1289	2	388027 398277
	Water Abstractions Operator: Air Products (Chemicals) Plc Licence Number: 2569006036 Permit Version: 101 Location: Borehole On Premises At Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Clayton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th September 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (NE)	1289	2	388027 398277

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Evonik Chemicals Limited Licence Number: 2569006037 Permit Version: 103 Location: Borehole 2 On Premises At Croft Street, Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Croft Street, Clayton, Manchester Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 9th March 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1321	2	387859 398375
	Water Abstractions Operator: Air Products (Chemicals) Limited Licence Number: 2569006037 Permit Version: 102 Location: Borehole 2 On Premises At Croft Street, Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Croft Street, Clayton, Manchester Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th January 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1321	2	387859 398375
	Water Abstractions Operator: Air Products (Chemicals) Plc Licence Number: 2569006037 Permit Version: 101 Location: Borehole 2 On Premises At Croft Street, Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Croft Street, Clayton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th September 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1321	2	387859 398375
	Water Abstractions Operator: Canal And River Trust Licence Number: 2569006997 Permit Version: 100 Location: Ashton Canal Manchester Clayton Analine Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 3500420 Details: Land At Ciba Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1969 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SW (N)	1324	2	387800 398395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Evonik Chemicals Limited Licence Number: 2569006037 Permit Version: 103 Location: Borehole 1 On Premises At Croft Street, Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Croft Street, Clayton, Manchester Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 9th March 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1325	2	387860 398379
	Water Abstractions Operator: Air Products (Chemicals) Limited Licence Number: 2569006037 Permit Version: 102 Location: Borehole 1 On Premises At Croft Street, Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Croft Street, Clayton, Manchester Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th January 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1325	2	387860 398379
	Water Abstractions Operator: Air Products (Chemicals) Plc Licence Number: 2569006037 Permit Version: 101 Location: Borehole 1 On Premises At Croft Street, Clayton, Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Croft Street, Clayton, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th September 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SW (N)	1325	2	387860 398379
	Water Abstractions Operator: British Waterways Board Licence Number: 2569006030 Permit Version: Not Supplied Location: Manchester, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Ashton Canal Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SW (N)	1328	2	387800 398400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Canal And River Trust Licence Number: 2569006995 Permit Version: 100 Location: Ashton Canal, Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 68190 Details: Land At Air Products Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1969 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SE (NE)	1338	2	388100 398295
	Water Abstractions Operator: British Waterways Board Licence Number: 2569006030 Permit Version: Not Supplied Location: Manchester, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Ashton Canal Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SE (NE)	1343	2	388100 398300
	Water Abstractions Operator: Victor Wolf Ltd Licence Number: 2569007020 Permit Version: Not Supplied Location: Two Boreholes, Croft Street, Clayton, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 2182 Yearly Rate (m3): 372772 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SW (N)	1352	2	387900 398395
	Water Abstractions Operator: Air Products Chemicals Ltd Licence Number: 2569006037 Permit Version: 100 Location: Boreholes X 2 On Premises At Croft Street Clayton Manchester Authority: Environment Agency, North West Region Abstraction: Chemicals: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 655 Yearly Rate (m3): 111832 Details: Premises Croft St, Clayton, M/Cr Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SW (N)	1357	2	387900 398400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: G T Energy Uk Limited Licence Number: Nw/069/0004/005 Permit Version: 2 Location: Area Of Abstraction - Lower Carboniferous Limestone Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Heat Pump Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Devonshire Street, Manchester Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 11th June 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1661	2	385729 396778
	Water Abstractions Operator: Gt Energy Limited Licence Number: Nw/069/0004/005 Permit Version: 1 Location: Area Of Abstraction - Lower Carboniferous Limestone Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Heat Pump Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 17th January 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1661	2	385729 396778
	Water Abstractions Operator: British Waterways Board Licence Number: 2569006992 Permit Version: Not Supplied Location: Ashton Canal, MANCHESTER Authority: Environment Agency, North West Region Abstraction: Drinking; Cooking; Sanitary; Washing For Industrial Premises Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 1136500 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1719	2	386900 398795
	Water Abstractions Operator: British Waterways Board Licence Number: 2569006030 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Ashton Canal Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1724	2	386900 398800
51	Water Industry Act Referrals Name: Clifford Whatmough Ltd (Dissolved) Location: CLIFFORD WHATMOUGH LTD (DISSOLVED), SCORE STREET, SCORE STREET, MANCHESTER, MANCHESTER, M11 2BW Authority: Environment Agency, North West Region Permit Reference: AW4917 Dated: 19th August 1996 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Located by supplier to within 100m	A18NW (N)	974	2	387200 398100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: >10m Thickness: Low Superficial Recharge: Low	A13NW (NW)	0	4	387417 397095
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Low Vulnerability Combined Vulnerability: Low Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: >90% Patchiness: >10m Thickness: Low Superficial Recharge: Low	A13SE (E)	0	4	387441 397091
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SE (E)	0	4	387441 397091
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (NW)	0	4	387417 397095
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NW)	0	4	387417 397095
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	0	2	387417 397095
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	0	2	387417 397095
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (N)	99	2	387403 397234
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 613.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corn Brook Catchment Name: Mersey Primacy: 1	A13SE (S)	0	5	387418 397088

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 265.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corn Brook Catchment Name: Mersey Primacy: 1	A13NW (W)	105	5	387253 397116
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corn Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	340	5	387798 396964
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corn Brook Catchment Name: Mersey Primacy: 1	A12SE (W)	367	5	386991 397076
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corn Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	369	5	387829 396967
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6195.1 Watercourse Level: Underground Permanent: True Watercourse Name: Corn Brook Catchment Name: Mersey Primacy: 1	A12SE (W)	379	5	386979 397075
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1048.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Corn Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	389	5	387844 396946
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	919	5	388383 396928

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Historical Landfill Sites Licence Holder: Not Supplied Location: Gorton, Greater Manchester Name: Preston Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16552 First Input Date: 31st December 1985 Last Input Date: 31st December 1994 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: F057	A13NE (NE)	95	2	387557 397162
61	Licensed Waste Management Facilities (Locations) Licence Number: 50242 Location: 21 Textile Street, West Gorton, Manchester, M12 5DJ Operator Name: Birch Lane Garage Limited Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: End of Life Vehicles Licence Status: Issued Issued: 16th July 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (W)	72	2	387286 397091
62	Licensed Waste Management Facilities (Locations) Licence Number: 104076 Location: Ashbury Yard, Bessemer Street, Gorton, Manchester, M11 2NW Operator Name: Breedon Southern Limited Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: HCl Waste TS + treatment Licence Status: Transferred Issued: 30th April 2012 Last Modified: 21st December 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NE (W)	357	2	387000 397100
63	Licensed Waste Management Facilities (Locations) Licence Number: 53947 Location: A7 The Dresser Centre, Whitworth Street, Openshaw, Manchester, M11 2NE Operator Name: Intelligent Environmental Services Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Transferred Issued: 5th July 1989 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	400	2	387759 397394
64	Licensed Waste Management Facilities (Locations) Licence Number: 53491 Location: Delta Containers, Preston Street, West Gorton, Manchester, M18 8DB Operator Name: Delta Containers (Manchester) Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Material Recycling Treatment Facilities Licence Status: Transferred Issued: 28th July 1998 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	437	2	387908 397004

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	Licensed Waste Management Facilities (Locations) Licence Number: 50244 Location: 134 South Street, Openshaw, Manchester, M11 2FY Operator Name: Steven Smith And Bernard Smith Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: End of Life Vehicles Licence Status: Surrendered Issued: 20th October 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 18th August 2006 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	568	2	387913 397475
66	Licensed Waste Management Facilities (Locations) Licence Number: 50464 Location: Southside Railway Sidings, Gorton Road, Gorton, Manchester, M11 2DZ Operator Name: U C S (Manchester) Limited Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Transferred Issued: 19th December 2006 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	571	2	386816 397287
67	Licensed Waste Management Facilities (Locations) Licence Number: 104515 Location: Singleton's Scrap Metal, Land Of Wolveton Street, Manchester, M11 2DU Operator Name: F W Singleton Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 17th September 2012 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	586	2	386845 397404
67	Licensed Waste Management Facilities (Locations) Licence Number: 104629 Location: Singleton's Scrap Metal Ltd, Land Off Wolveton Street, Openshaw, Manchester, M11 2DU Operator Name: F W Singleton Limited Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Vehicle Depollution Facility <5000 tps Licence Status: Surrendered Issued: 20th August 2012 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 24th October 2012 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	589	2	386845 397409

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	Licensed Waste Management Facilities (Locations) Licence Number: 50264 Location: Land/premises At, Gorton Road, Ardwick, Manchester, M11 2DZ Operator Name: T D X Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: End of Life Vehicles Licence Status: Issued Issued: 28th February 2005 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	610	2	386785 397317
68	Licensed Waste Management Facilities (Locations) Licence Number: 50275 Location: Land/premises At, Gorton Road, Gorton, Manchester, M11 2DZ Operator Name: Auto Salvage Holtown Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: End of Life Vehicles Licence Status: Expired Issued: 14th May 2004 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	653	2	386750 397350
69	Licensed Waste Management Facilities (Locations) Licence Number: 53551 Location: Bessemer Street, Manchester, M11 2NP Operator Name: Manchester City Council City Works Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Special Waste Transfer Stations Licence Status: Surrendered Issued: 7th April 1997 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 12th July 2005 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (E)	616	2	388064 397295
70	Licensed Waste Management Facilities (Locations) Licence Number: 50030 Location: Unit 10, Vaughan Street, West Gorton, Manchester, M12 5BT Operator Name: Concorde Metals Recycling Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Surrendered Issued: 29th August 2003 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 6th December 2011 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (W)	679	2	386683 397182
71	Licensed Waste Management Facilities (Locations) Licence Number: 104595 Location: Iwaste Ltd, Gorton Road, Gorton, Manchester, M11 2DZ Operator Name: Iwaste Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Vehicle Depollution Facility <5000 tps Licence Status: Issued Issued: 25th October 2012 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (W)	735	2	386681 397399

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	Licensed Waste Management Facilities (Locations) Licence Number: 50399 Location: Unit 4, Wilson Street, Openshaw, Manchester, M11 2AZ Operator Name: Vanparts Limited Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: End of Life Vehicles Licence Status: Issued Issued: 16th January 2006 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	738	2	387544 397858
72	Licensed Waste Management Facilities (Locations) Licence Number: 101518 Location: 108 Wilson Street, Openshaw, Manchester, M11 2AZ Operator Name: A S Waste Removals Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Vehicle Depollution Facility <5000 tps Licence Status: Modified Issued: 17th June 2010 Last Modified: 25th May 2011 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	760	2	387591 397868
73	Licensed Waste Management Facilities (Locations) Licence Number: 102972 Location: 8 Tuley Street, Gorton, Manchester, M11 2DY Operator Name: Anyaeriuba Emmanuel Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Vehicle Depollution Facility <5000 tps Licence Status: Issued Issued: 27th July 2011 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	784	2	386652 397459
74	Licensed Waste Management Facilities (Locations) Licence Number: 50129 Location: Copping Street, Gorton, Manchester, M12 4RY Operator Name: Lockett Helen Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Revoked Issued: 8th September 2003 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: 15th May 2006 Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	796	2	386750 396570
75	Licensed Waste Management Facilities (Locations) Licence Number: 50110 Location: Land/premises At, Redgate Lane, Gorton, Manchester, M12 4RY Operator Name: Redgate Holdings Limited Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 18th March 2003 Last Modified: 13th October 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	815	2	386787 396499

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	Licensed Waste Management Facilities (Locations) Licence Number: 50161 Location: H22, New Smithfield Market, Whitworth Street East, Manchester, M11 2WP Operator Name: Fairfield Materials Management Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Composting Licence Status: Surrendered Issued: 1st July 2003 Last Modified: 10th November 2005 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 3rd December 2012 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NE (E)	823	2	388300 397100
	Local Authority Landfill Coverage Name: Manchester City Council - Had landfill data but passed it to the relevant environment agency		0	6	387417 397095
77	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13NW (NW)	287	-	387278 397413
78	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18SW (N)	298	-	387321 397434
79	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18SW (N)	438	-	387323 397576
80	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12NE (W)	450	-	386928 397237
81	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12NE (W)	551	-	386806 397130
82	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19SW (NE)	598	-	387771 397631
83	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A17SE (NW)	624	-	386912 397566
84	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19SW (NE)	734	-	388016 397609
85	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9NW (SE)	800	-	388046 396512
86	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18NW (N)	827	-	387416 397966
87	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A17SW (W)	879	-	386543 397442
88	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19NW (NE)	906	-	387828 397946

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	29	-	387337 397135
90	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (N)	184	-	387331 397320
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SE (E)	184	-	387659 397052
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A13NW (W)	212	-	387146 397104
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	219	-	387218 396911
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (NW)	232	-	387187 397285
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A13NW (N)	244	-	387405 397382
96	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A13NW (W)	253	-	387127 397215
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (S)	271	-	387382 396779
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A13NW (W)	274	-	387102 397207
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A12SE (W)	286	-	387072 397088
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NW (N)	287	-	387373 397428
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (S)	289	-	387366 396765
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (NE)	293	-	387591 397381
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13SW (SW)	303	-	387142 396870
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A13NE (NE)	321	-	387674 397364
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	335	-	387792 396962
106	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	368	-	387001 397011
107	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	402	-	386980 396964
108	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (W)	410	-	386984 396936
109	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (SW)	414	-	387037 396823

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (SW)	414	-	386999 396889
111	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (NE)	420	-	387859 397286
112	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A8NE (SE)	426	-	387605 396652
113	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	431	-	387381 396618
114	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A12NE (W)	435	-	386922 397115
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SW (E)	441	-	387887 396913
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SE (N)	457	-	387463 397592
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (E)	460	-	387909 396918
118	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	463	-	387244 397586
119	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SE (NW)	493	-	387011 397480
120	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (SW)	512	-	386926 396817
121	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (E)	514	-	387972 397248
122	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SE (SW)	516	-	386908 396843
123	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NE (S)	516	-	387572 396546
124	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A18SW (NW)	527	-	387124 397607
125	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NW)	543	-	386881 397379
126	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A8NE (S)	553	-	387567 396506
127	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A18SE (N)	556	-	387569 397662
128	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8NW (S)	557	-	387229 396526
129	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	566	-	387770 396585
130	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18SW (N)	575	-	387344 397715

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
131	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A12SE (W)	579	-	386779 397069
132	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	590	-	387771 396556
133	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NW (E)	593	-	388028 397329
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	600	-	387868 396619
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A14SW (E)	601	-	388045 396879
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	607	-	387046 396554
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A9NW (SE)	649	-	387965 396647
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	657	-	388134 397091
139	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A12NW (W)	667	-	386701 397222
140	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	668	-	387901 396559
141	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	668	-	387376 396380
142	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	677	-	387049 396470
143	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	690	-	388166 397143
144	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A18NW (N)	692	-	387215 397815
145	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A12SW (W)	696	-	386663 397052
146	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NW (SE)	697	-	387874 396501
147	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A12NW (W)	713	-	386644 397101
148	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	715	-	386999 396456
149	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A12SW (W)	720	-	386641 397028
150	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	727	-	387014 396433
151	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A12SW (W)	740	-	386619 397055

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A19NW (NE)	745	-	387793 397785
153	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	767	-	386798 396558
154	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19NW (NE)	773	-	387818 397805
155	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (NW)	773	-	386648 397420
156	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NE (SW)	791	-	386834 396486
157	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NE (SE)	794	-	388125 396616
158	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	800	-	388276 397140
159	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A19NW (NE)	805	-	387778 397858
160	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SE (S)	807	-	387736 396295
161	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	811	-	386549 397045
162	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	811	-	386933 396384
163	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A18NW (N)	819	-	387320 397959
164	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	835	-	387052 396294
165	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	836	-	388301 397250
166	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A19NW (NE)	844	-	387857 397864
167	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7NW (SW)	849	-	386696 396553
168	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NW (W)	860	-	386498 397139
169	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SW (SE)	860	-	387964 396363
170	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	861	-	388288 396786
171	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A19SE (NE)	864	-	388244 397507
172	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	864	-	386531 396849

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	865	-	386603 397543
174	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A19SE (NE)	865	-	388208 397573
175	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17NE (NW)	869	-	386833 397825
176	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A19NW (NE)	870	-	387820 397910
177	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (W)	882	-	386522 396823
178	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	883	-	388352 396959
179	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SE (SW)	886	-	386804 396386
180	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	887	-	387601 396173
181	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SE (S)	894	-	387598 396164
182	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	896	-	387225 396174
183	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A17SW (NW)	904	-	386549 397521
184	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14NE (E)	906	-	388378 397210
185	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1895	A8SW (S)	907	-	387311 396147
186	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	911	-	388384 397002
187	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NE (SE)	928	-	388216 396515
188	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SE (S)	930	-	387632 396135
189	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8SW (S)	935	-	387256 396128
190	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	941	-	387303 396113
191	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SE (S)	957	-	387464 396088
192	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A8SW (S)	960	-	387313 396093
193	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A14SE (E)	966	-	388390 396761

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A11NE (W)	974	-	386388 397198
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NE (SE)	981	-	388371 396672
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9SE (SE)	985	-	388195 396401
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A7SW (SW)	986	-	386739 396310
198	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1909	A8SW (S)	991	-	387080 396117
199	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A9NE (SE)	992	-	388313 396541
200	Registered Waste Transfer Sites Licence Holder: L Wynne & Co (Mcr) Ltd Licence Reference: 00545 Site Location: The Dresser Centre, Whitworth Street, MANCHESTER, Greater Manchester, M11 2NE Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Operational as far as is knownOperational Dated: 1st July 1989 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Asbestos Prohibited Waste: Waste N.O.S.	A14NW (NE)	363	2	387780 397310
201	Registered Waste Transfer Sites Licence Holder: City Of Manchester Council - City Works Licence Reference: 00428/M02 Site Location: Bessemer Street Works, Openshaw, Manchester, Greater Manchester Operator Location: Pink Bank Lane, Belle Vue, MANCHESTER, Greater Manchester, M12 5QN Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Operational as far as is knownOperational Dated: 1st April 1997 Preceded By: 00428/M01 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Asbestos Lagging/Fibre/Powder/Cement Cli.Waste - Sharps Gmwda Group 1 - Non/V.Slow Decomp.Waste Gmwda Group 2 - Slow Decomp./Slight So Gmwda Group 3 - Decomp./Sol.Waste Most Max.Waste Permitted By Licence Prohibited Waste: Waste N.O.S.	A14NW (E)	557	2	388000 397300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	Registered Waste Transfer Sites Licence Holder: City Of Manchester M.B.C. Licence Reference: 00428/M01 Site Location: Bessemer Street Works, Openshaw, Manchester, Greater Manchester Operator Location: Salisbury House, Granby Row, MANCHESTER, Greater Manchester, M1 7AH Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Record supersededSuperseded Dated: 1st August 1986 Preceded By: Not Given Licence: Superseded By: 00428/M02 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Asbestos	A14NW (E)	557	2	388000 397300
202	Registered Waste Transfer Sites Licence Holder: A S Race Licence Reference: 00424/86/M2 Site Location: Preston Street, Gorton, Manchester, Greater Manchester Operator Location: 2 Broom Lane, Levenshulme, Manchester, Greater Manchester Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st January 1987 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Construction Ind. Wastes Household + Commercial Waste Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Old Cars/Vehicles/Trailers Etc	A14SW (E)	628	2	388080 396900
203	Registered Waste Transfer Sites Licence Holder: Taw Container Services Licence Reference: 00275/M02 Site Location: Gorton Lane, Gorton, Manchester, Greater Manchester Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 30th September 1983 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate Authorised Waste: Asbestos Construction And Demolition Wastes Household + Commercial Waste Ind. Non-Haz. Waste	A9NE (E)	970	2	388375 396708

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	Registered Waste Treatment or Disposal Sites Licence Holder: Delta Containers Ltd Licence Reference: 00765 Site Location: Preston Street, Gorton, MANCHESTER, Greater Manchester, M18 8DB Operator Location: Mere House, South Park Drive, POYNTON, Cheshire, SK12 1BS Authority: Environment Agency - North West Region, South Area Site Category: Recycling Drums Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is known Dated: 1st July 1998 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: 25 L Steel/Plastic Drums Of Solid Glue Empty Used Ibcs Empty Used Steel/Plastic Drums < 230 L Max.Waste Permitted By Licence Packages,Cont'Rs,Ibcs With Residues Prohibited Waste: Any With Res.List I Subs In 80/68/Eec Any With Res.Presc.List Subs(Eppsp'91) Hazardous Waste Residues Waste N.O.S.	A14SW (E)	403	2	387868 396979

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Warwickshire Group	A13NW (NW)	0	1	387417 397095
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SE (E)	0	1	387458 397091
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NW (NW)	0	1	387417 397095
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13NE (E)	23	1	387500 397095
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (W)	379	1	387000 396978
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	529	1	388000 397000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	777	1	388000 396500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 25 - 35 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7NW (SW)	927	1	386588 396571
205	BGS Recorded Mineral Sites Site Name: Gorton Fire Brick Works Location: Gorton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 29590 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Fireclay Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	302	1	387255 397420
206	BGS Recorded Mineral Sites Site Name: Ashbury Rail Depot Location: West Gorton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 248641 Type: Recycled Status: Active Operator: Breedon Southern Operator Location: Not Supplied Periodic Type: Not Available Geology: Aggregates For Recycling Commodity: Secondary Positional Accuracy: Located by supplier to within 10m	A14NW (E)	356	1	387830 397155
206	BGS Recorded Mineral Sites Site Name: Ashbury Rail Depot Location: West Gorton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 16865 Type: Rail Depot Status: Active Operator: Breedon Southern Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Quarry (Hard Rock) Commodity: Crushed Rock Positional Accuracy: Located by supplier to within 10m	A14NW (E)	356	1	387830 397155
207	BGS Recorded Mineral Sites Site Name: Steels Buildings Clay Pit Location: Ardwick, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 29589 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18SW (N)	471	1	387328 397610
208	BGS Recorded Mineral Sites Site Name: North Street Brick Works Location: Openshaw, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 29594 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	640	1	387805 397660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	BGS Recorded Mineral Sites Site Name: Beswick Brick Field Location: Beswick, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 29586 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	762	1	386780 397625
210	BGS Recorded Mineral Sites Site Name: Openshaw Brick Works Location: Openshaw, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 29595 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	895	1	388150 397700
211	BGS Recorded Mineral Sites Site Name: Clayton Colliery Location: Gorton, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 29591 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Bradford Four Foot Coal (South Lancashire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	934	1	387460 398070
212	BGS Recorded Mineral Sites Site Name: Beswick Brick Field Location: Beswick, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 29585 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	938	1	386635 397725
213	BGS Recorded Mineral Sites Site Name: Ardwick Brick Field Location: Ardwick, Manchester, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 29588 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Till, Devensian Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12NW (W)	963	1	386450 397430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 387250, 397330 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 14.60 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 62.00 mg/kg Concentration: Lead Measured 214.50 mg/kg Concentration: Nickel Measured 29.80 mg/kg Concentration:	A13NW (NW)	224	1	387250 397330
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 387770, 396790 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 19.40 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 99.50 mg/kg Concentration: Lead Measured 182.70 mg/kg Concentration: Nickel Measured 33.70 mg/kg Concentration:	A14SW (SE)	409	1	387770 396790
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 387750, 397440 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 14.10 mg/kg Concentration: Cadmium Measured 1.00 mg/kg Concentration: Chromium Measured 119.70 mg/kg Concentration: Lead Measured 241.90 mg/kg Concentration: Nickel Measured 32.00 mg/kg Concentration:	A18SE (NE)	428	1	387750 397440
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 387290, 396630 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 18.70 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 70.10 mg/kg Concentration: Lead Measured 152.80 mg/kg Concentration: Nickel Measured 28.70 mg/kg Concentration:	A8NW (S)	440	1	387290 396630
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 386760, 397280 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 19.90 mg/kg Concentration: Cadmium Measured 1.70 mg/kg Concentration: Chromium Measured 88.30 mg/kg Concentration: Lead Measured 360.60 mg/kg Concentration: Nickel Measured 29.80 mg/kg Concentration:	A12NE (W)	622	1	386760 397280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 387270, 397760 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 20.80 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 78.20 mg/kg Concentration: Lead Measured 360.20 mg/kg Concentration: Nickel Measured 33.80 mg/kg Concentration:	A18SW (N)	627	1	387270 397760
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 386770, 396730 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 11.30 mg/kg Concentration: Cadmium Measured 0.80 mg/kg Concentration: Chromium Measured 60.00 mg/kg Concentration: Lead Measured 109.60 mg/kg Concentration: Nickel Measured 16.80 mg/kg Concentration:	A7NE (SW)	690	1	386770 396730
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 387750, 397750 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 11.50 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 79.20 mg/kg Concentration: Lead Measured 55.50 mg/kg Concentration: Nickel Measured 50.80 mg/kg Concentration:	A18SE (NE)	695	1	387750 397750
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 388240, 397310 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 15.80 mg/kg Concentration: Cadmium Measured 0.80 mg/kg Concentration: Chromium Measured 55.90 mg/kg Concentration: Lead Measured 141.00 mg/kg Concentration: Nickel Measured 20.80 mg/kg Concentration:	A14NE (E)	789	1	388240 397310
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 387790, 396320 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 15.00 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 65.00 mg/kg Concentration: Lead Measured 212.90 mg/kg Concentration: Nickel Measured 22.10 mg/kg Concentration:	A9SW (SE)	805	1	387790 396320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 387330, 396200 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 29.50 mg/kg Concentration: Cadmium Measured 0.80 mg/kg Concentration: Chromium Measured 88.30 mg/kg Concentration: Lead Measured 225.10 mg/kg Concentration: Nickel Measured 43.20 mg/kg Concentration:	A8SW (S)	851	1	387330 396200
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 386770, 397750 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 18.60 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 60.00 mg/kg Concentration: Lead Measured 172.00 mg/kg Concentration: Nickel Measured 22.50 mg/kg Concentration:	A17SE (NW)	854	1	386770 397750
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 388250, 396700 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 16.60 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 87.30 mg/kg Concentration: Lead Measured 123.90 mg/kg Concentration: Nickel Measured 22.40 mg/kg Concentration:	A9NE (SE)	859	1	388250 396700
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 386900, 396230 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 22.00 mg/kg Concentration: Cadmium Measured 1.20 mg/kg Concentration: Chromium Measured 82.30 mg/kg Concentration: Lead Measured 260.50 mg/kg Concentration: Nickel Measured 44.30 mg/kg Concentration:	A7SE (SW)	960	1	386900 396230
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 388250, 397720 Soil Sample Type: Topsoil Sample Area: Manchester Arsenic Measured 66.60 mg/kg Concentration: Cadmium Measured 1.00 mg/kg Concentration: Chromium Measured 79.20 mg/kg Concentration: Lead Measured 258.20 mg/kg Concentration: Nickel Measured 29.80 mg/kg Concentration:	A19SE (NE)	984	1	388250 397720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: Manchester Count Id: 300 Arsenic Minimum: 3.00 mg/kg Concentration: Arsenic Average: 28.00 mg/kg Concentration: Arsenic Maximum: 1008.00 mg/kg Concentration: Cadmium Minimum: 0.30 mg/kg Concentration: Cadmium Average: 1.40 mg/kg Concentration: Cadmium Maximum: 80.30 mg/kg Concentration: Chromium Minimum: 29.00 mg/kg Concentration: Chromium Average: 92.00 mg/kg Concentration: Chromium Maximum: 1252.00 mg/kg Concentration: Lead Minimum: 20.00 mg/kg Concentration: Lead Average: 270.00 mg/kg Concentration: Lead Maximum: 2687.00 mg/kg Concentration: Nickel Minimum: 5.00 mg/kg Concentration: Nickel Average: 32.00 mg/kg Concentration: Nickel Maximum: 137.00 mg/kg Concentration:	A13NW (NW)	0	1	387417 397095
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NW (NW)	0	7	387417 397095
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (NW)	0	-	387417 397095
	Mining Instability Mining Evidence: Conclusive Rock Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (NW)	0	-	387417 397095
	Man-Made Mining Cavities Easting: 387000 Northing: 398000 Distance: 935 Quadrant Reference: A17 Quadrant Reference: NE Bearing Ref: NW Cavity Type: Not supplied Commodity: Limestone Solid Geology Detail: Carboniferous Coal Measures Superficial Geology: Glacial Till Detail:	A17NE (NW)	935	8	387000 398000
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	387417 397095
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	387417 397095
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	387405 397057
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	387417 397095
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	387417 397095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	387417 397095
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	387417 397095
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	387417 397095
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	387417 397095
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	1	387417 397095

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
214	Contemporary Trade Directory Entries Name: J Allcock & Sons Ltd Location: Textile Street, MANCHESTER, M12 5DL Classification: Rubber & Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	0	-	387427 397074
215	Contemporary Trade Directory Entries Name: Shop Front Group Location: 39, Clayton Lane South, Manchester, M12 5PG Classification: Roller Shutter Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (N)	30	-	387403 397162
216	Contemporary Trade Directory Entries Name: B L G Auto Salvage Location: 21, Textile Street, Manchester, Lancashire, M12 5DJ Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	33	-	387325 397094
217	Contemporary Trade Directory Entries Name: Popular Uk Tyre Location: Unit 1-3, Ambrose House, Ambrose Street, Manchester, M12 5DD Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	124	-	387263 397206
217	Contemporary Trade Directory Entries Name: Gilgal Tyre Location: Unit 3, Ambrose Street, Manchester, M12 5DD Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	124	-	387263 397206
217	Contemporary Trade Directory Entries Name: Car Batteries Direct Location: Unit 1, Ambrose Street, Manchester, M12 5DD Classification: Battery Manufacturers & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	124	-	387263 397206
217	Contemporary Trade Directory Entries Name: Implex Traders Location: Unit 6, Ambrose House, Ambrose Street, Manchester, M12 5DD Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	133	-	387259 397214
218	Contemporary Trade Directory Entries Name: Frederick Law Location: Regal Ind Est, Gorton Rd, Manchester, Lancashire, M12 5BX Classification: Printers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NW (NW)	227	-	387156 397220
218	Contemporary Trade Directory Entries Name: Autocenter Location: Unit 5, Regal Industrial Estate, Gorton Road, Manchester, Lancashire, M12 5BX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	268	-	387115 397228
219	Contemporary Trade Directory Entries Name: G D Yarns Ltd Location: 200, Gorton Road, Manchester, M12 5DX Classification: Knitting Yarn Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (W)	261	-	387097 397089
220	Contemporary Trade Directory Entries Name: Stylewise Uk Ltd Location: Ashbury Works, Gorton Road, Manchester, M12 5AD Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	262	-	387113 397201

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
220	Contemporary Trade Directory Entries Name: Autocenter Location: Unit 5, Regal Industrial Estate, Gorton Road, Manchester, M12 5BX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	296	-	387073 397186
220	Contemporary Trade Directory Entries Name: Hayes Of Manchester Location: Unit 5, Regal Industrial Estate, Gorton Road, Manchester, M12 5BX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	296	-	387073 397186
220	Contemporary Trade Directory Entries Name: Balmoral Food Service Location: Unit 1 Ashburys Business Park, Gorton Rd, Manchester, Lancashire, M12 5DX Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	299	-	387076 397207
220	Contemporary Trade Directory Entries Name: Marco Reas Mr Really Good Location: Manchester, M12 5DX Classification: Ice Cream Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	299	-	387076 397207
221	Contemporary Trade Directory Entries Name: Armstrong Holden Brooke Pullen Location: Wenlock Way, Manchester, M12 5JL Classification: Pump Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	304	-	387076 396988
221	Contemporary Trade Directory Entries Name: Armstrong Intergrated Ltd Location: Wenlock Way, Manchester, Lancashire, M12 5JL Classification: Pumps - Sales, Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	304	-	387076 396988
222	Contemporary Trade Directory Entries Name: Mantec Location: Unit 5, City Course Trading Estate, Whitworth Street, Openshaw, Manchester, M11 2DW Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	309	-	387413 397446
222	Contemporary Trade Directory Entries Name: Incognito Ltd Location: Unit 4, City Course Trading Estate, Whitworth Street, Openshaw, Manchester, M11 2DW Classification: Greeting Card Publishers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	321	-	387417 397458
222	Contemporary Trade Directory Entries Name: El-Ammar Bakery Location: Unit 6, City Course Trading Estate, Whitworth Street, Openshaw, Manchester, M11 2DW Classification: Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	323	-	387426 397459
222	Contemporary Trade Directory Entries Name: North West Compressed Air Co Ltd Location: Unit 7, City Course Trading Estate, Whitworth Street, Openshaw, Manchester, M11 2DW Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	326	-	387441 397459
223	Contemporary Trade Directory Entries Name: Bligh & Daley Location: 27, Blackwin Street, Manchester, M12 5LD Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	314	-	387612 396783

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
224	Contemporary Trade Directory Entries Name: Bin & Gone Location: 3, Apollo Walk, Manchester, M12 5HG Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	328	-	387343 396731
225	Contemporary Trade Directory Entries Name: Baric Pumps Ltd Location: 33, Aines Street, Manchester, Lancashire, M12 5BU Classification: Pumps - Sales, Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	334	-	387032 397029
226	Contemporary Trade Directory Entries Name: Tarmac Location: Bessemer Street, Gorton, Openshaw, Manchester, Greater Manchester, M11 2NE Classification: Quarries Status: Active Positional Accuracy: Manually positioned within the geographical locality	A14NW (NE)	367	-	387782 397314
226	Contemporary Trade Directory Entries Name: Manchester Paperbox Ltd Location: Unit B5, The Dresser Centre, Whitworth Street, Openshaw, Manchester, M11 2NE Classification: Boxes & Cartons Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	367	-	387782 397314
226	Contemporary Trade Directory Entries Name: Malacrino Ltd Location: Unit B6, The Dresser Centre, Whitworth Street, Openshaw, Manchester, M11 2NE Classification: Fireplaces & Mantelpieces Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	367	-	387782 397314
227	Contemporary Trade Directory Entries Name: A J Ltd Location: 5, Welcomb Street, Manchester, Lancashire, M11 2NB Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	369	-	387822 397240
228	Contemporary Trade Directory Entries Name: Little Greene Location: 420 Ashton Old Road, Manchester, Greater Manchester, M11 2DT Classification: Paint Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (NW)	378	-	387122 397427
229	Contemporary Trade Directory Entries Name: Michelles Interior Textiles Location: 692-694, Ashton Old Road, Manchester, M11 2ND Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	384	-	387648 397454
230	Contemporary Trade Directory Entries Name: Manchester Paperbox Location: Unit B5, The Dresser Centre, Whitworth Street, Openshaw, Manchester, M11 2NE Classification: Boxes & Cartons Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	398	-	387759 397392
230	Contemporary Trade Directory Entries Name: Novopak Ltd Location: Unit B2, The Dresser Centre, Whitworth Street, Openshaw, Manchester, M11 2NE Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	398	-	387759 397392
231	Contemporary Trade Directory Entries Name: G Morris Ltd Location: Gorton Lane, Manchester, M18 8BT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	432	-	387834 396832

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	Contemporary Trade Directory Entries Name: A & R Boilers Location: Unit 9, Medlock Court, Welcomb Street, Manchester, M11 2NB Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	433	-	387880 397267
232	Contemporary Trade Directory Entries Name: Chief Location: Unit 9, Medlock Court, Welcomb Street, Manchester, Lancashire, M11 2NB Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	440	-	387888 397265
232	Contemporary Trade Directory Entries Name: Trade Watches Location: Medlock Court, 10 Welcomb St, Manchester, Lancashire, M11 2NB Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	443	-	387888 397274
232	Contemporary Trade Directory Entries Name: Trade Watches Location: unit10, Medlock Court, Welcomb St, Manchester, Lancashire, M11 2NB Classification: Clocks & Watches - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	443	-	387888 397274
233	Contemporary Trade Directory Entries Name: Openshaw Tyres Location: 745-753, Ashton Old Road, Manchester, M11 2HB Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	446	-	387680 397507
234	Contemporary Trade Directory Entries Name: Delta Containers Manchester Ltd Location: Preston Street, Manchester, M18 8DB Classification: Tank Cleaning & Repairing Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	460	-	387929 396995
234	Contemporary Trade Directory Entries Name: Universal Pallet Services Ltd Location: Preston Street, Manchester, M18 8DB Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	479	-	387945 396974
235	Contemporary Trade Directory Entries Name: Loomland Location: Unit 4, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Screen Process Printers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	461	-	386905 397194
236	Contemporary Trade Directory Entries Name: Deltic Engineering Ltd Location: Unit 8a Vaughan St, Manchester, M12 5DU Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	464	-	386893 397120
236	Contemporary Trade Directory Entries Name: Smart Form Location: Unit 11, Vaughan St, Manchester, Lancashire, M12 5DU Classification: Tube Bending Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	465	-	386892 397114
236	Contemporary Trade Directory Entries Name: Fitlock Location: Unit 6, Vaughan St Ind Est, Manchester, Lancashire, M12 5BT Classification: Nuts, Bolts & Fixings Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NE (W)	497	-	386862 397148
237	Contemporary Trade Directory Entries Name: P B S I Group Ltd Location: Belle Vue Works, Boundary Street, Manchester, M12 5NG Classification: Electricity Generating & Distributing Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	484	-	387386 396563

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
238	Contemporary Trade Directory Entries Name: Armstrong Integrated Ltd Location: 1, Wolverton Street, Manchester, M11 2ET Classification: Pump Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	491	-	386976 397435
238	Contemporary Trade Directory Entries Name: Armstrong Fluid Technology Location: 1, Wolverton Street, Manchester, M11 2ET Classification: Pump Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	491	-	386976 397435
238	Contemporary Trade Directory Entries Name: Armstrong Intergrated Ltd Location: 1, Wolverton Street, Manchester, M11 2ET Classification: Pump Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	491	-	386976 397435
238	Contemporary Trade Directory Entries Name: Armstrong Integrated Systems Ltd Location: 1 Wolverton Street, Manchester, Greater Manchester, M11 2ET Classification: Pump Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	491	-	386976 397435
238	Contemporary Trade Directory Entries Name: Armstrong Fluid Technology Location: Wolverton Street, Manchester, Greater Manchester, M11 2ET Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	491	-	386976 397435
239	Contemporary Trade Directory Entries Name: M D Commercials Ltd Location: Unit 1, Vaughan Street Industrial Estate, MANCHESTER, M12 5BT Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	492	-	386873 397193
239	Contemporary Trade Directory Entries Name: M G Waste Management Location: Unit 2, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Recycling Services Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	504	-	386864 397206
239	Contemporary Trade Directory Entries Name: Loomland Location: Unit 4, Vaughan Street Industrial Estate, Manchester, Lancashire, M12 5BT Classification: T-Shirts Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	528	-	386842 397221
239	Contemporary Trade Directory Entries Name: Cvr Commercials Location: Unit 2,Vaughan St Ind Est, Manchester, Lancashire, M12 5BT Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NE (W)	538	-	386829 397208
240	Contemporary Trade Directory Entries Name: Bradite Paints Ltd Location: Wood St, Openshaw, Manchester, Lancashire, M11 2FB Classification: Paint Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	500	-	387836 397459
240	Contemporary Trade Directory Entries Name: Xt Technology Location: 833 Ashton Old Rd, Manchester, M11 2NL Classification: Wire Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	518	-	387872 397446
241	Contemporary Trade Directory Entries Name: Breedon Aggregates Location: Bessemer Street, Manchester, Greater Manchester, M11 2NP Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	503	-	387980 397082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
241	Contemporary Trade Directory Entries Name: Tarmac Location: Bessemer Street, Manchester, M11 2NP Classification: Road Marking & Surfacing Equipment & Material Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	504	-	387980 397081
241	Contemporary Trade Directory Entries Name: Lafarge Readymix Location: Bessemer Street, Manchester, M11 2NP Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	504	-	387980 397081
242	Contemporary Trade Directory Entries Name: M & M Vehicle Painters Location: Unit 7, Vaughan Street, Manchester, Lancashire, M12 5DU Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NE (W)	515	-	386844 397147
242	Contemporary Trade Directory Entries Name: A Rowe Location: 12 Vaughan Street, Manchester, Greater Manchester, M12 5FQ Classification: Textile Manufacturing Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	530	-	386827 397117
242	Contemporary Trade Directory Entries Name: A Rowe Location: 12, Vaughan Street, Manchester, M12 5FQ Classification: Knitting Yarn Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	530	-	386827 397117
242	Contemporary Trade Directory Entries Name: Frank Pine Ltd Location: 12, Vaughan Street, Manchester, M12 5FQ Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	530	-	386827 397117
242	Contemporary Trade Directory Entries Name: C & W Production Engineering Ltd Location: Unit 9, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Machine Shops Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	531	-	386826 397108
242	Contemporary Trade Directory Entries Name: C & W Production Engineering Ltd Location: Unit 9, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	531	-	386826 397108
242	Contemporary Trade Directory Entries Name: C & W Production Engineering Ltd Location: Unit 9, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	531	-	386826 397108
242	Contemporary Trade Directory Entries Name: C & W Production Engineering Ltd Location: Unit 9, Vaughan Street Industrial Estate, Manchester, Lancashire, M12 5BT Classification: Engineering Machine Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	531	-	386826 397108
242	Contemporary Trade Directory Entries Name: Advance Autos Location: Unit 9, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	531	-	386826 397108
242	Contemporary Trade Directory Entries Name: P C Services Location: Cumber House, Bennett Street, Manchester, M12 5BW Classification: Printed Circuit Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	537	-	386821 397069

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	Contemporary Trade Directory Entries Name: Ardwick Auto Salvage Location: Cumber House, Bennett Street, Ardwick, Manchester, M12 5BW Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	537	-	386821 397069
242	Contemporary Trade Directory Entries Name: Eagle Precision Technologies (Europe) Ltd Location: Unit 8, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Machine Tools - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	548	-	386811 397143
243	Contemporary Trade Directory Entries Name: Minster Location: 18, WHITWORTH STREET, OPENSHAW, BRADFORD, MANCHESTER, M11 2NJ Classification: Insulation Materials Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	518	-	387922 397376
243	Contemporary Trade Directory Entries Name: Jewson Location: 18, Whitworth Street, Openshaw, Manchester, M11 2NJ Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	518	-	387922 397376
244	Contemporary Trade Directory Entries Name: Bag Magic Uk Ltd Location: Preston Street, MANCHESTER, M18 8DB Classification: Polythene & Plastic Sheeting Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	519	-	387989 396994
244	Contemporary Trade Directory Entries Name: Mac Processing Location: Preston Street, Manchester, M18 8DB Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	536	-	388006 396990
245	Contemporary Trade Directory Entries Name: Singleton'S Scrap Metal Location: 4, Wolverton Street, Manchester, M11 2ET Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	527	-	386913 397405
246	Contemporary Trade Directory Entries Name: Sportcity Service & M O T Station Location: 4, Clayton Lane, Manchester, M11 2FG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	548	-	387573 397653
247	Contemporary Trade Directory Entries Name: Allstar Transport (Heathrow) Ltd Location: Unit C, Wood Street, Openshaw, Manchester, M11 2FB Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A19SW (NE)	550	-	387852 397513
247	Contemporary Trade Directory Entries Name: J Hempstock & Co Ltd Location: 116-118, South Street, Openshaw, Manchester, M11 2FY Classification: Cladding Suppliers & Installers Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	554	-	387879 397492
248	Contemporary Trade Directory Entries Name: Orion Traders Location: 491 Mill St, Manchester, Lancashire, M11 2AD Classification: Leather Merchants & Wholesalers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SW (N)	558	-	387364 397699

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
248	Contemporary Trade Directory Entries Name: Manchester Location: Venture Centre, 491, Mill Street, Manchester, M11 2AD Classification: Computer Recycling & Disposal Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	558	-	387365 397699
249	Contemporary Trade Directory Entries Name: Manchester Paper Plastic Ltd Location: Unit 2 Railway Arches, Bennett Street, Manchester, Greater Manchester, M12 5BW Classification: Recycling Services Status: Active Positional Accuracy: Manually positioned to the address or location	A12SE (W)	564	-	386795 397064
250	Contemporary Trade Directory Entries Name: Belle View Filling Station Location: 545, Hyde Road, Manchester, M12 5NQ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NW (S)	566	-	387258 396508
250	Contemporary Trade Directory Entries Name: Global Worldwide Enterprises Location: 545, Hyde Road, Manchester, Lancashire, M12 5NQ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NW (S)	566	-	387258 396508
250	Contemporary Trade Directory Entries Name: Belle Vue Filling Station Location: 545, Hyde Road, Manchester, M12 5NQ Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NW (S)	566	-	387258 396508
251	Contemporary Trade Directory Entries Name: Al-Murad Location: 839, Ashton Old Road, Manchester, M11 2NL Classification: Wallpapers & Wall Coverings Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	570	-	387924 397465
252	Contemporary Trade Directory Entries Name: Tube Tech Solutions Uk Ltd Location: Unit 3 Kay Street, Manchester, Greater Manchester, M11 2DU Classification: Metal Products - Fabricated Status: Active Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	575	-	386879 397442
253	Contemporary Trade Directory Entries Name: S F D Welding & Fabrication Location: Unit 9a, Vaughan St Ind Est, Manchester, M12 5BT Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	576	-	386787 397188
254	Contemporary Trade Directory Entries Name: Glyn Webb Ltd Location: 641, Hyde Road, Manchester, M12 5PS Classification: Wallpapers & Wall Coverings Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	577	-	387467 396469
255	Contemporary Trade Directory Entries Name: The Wheel Specialist Location: Unit 7, Clayton Court, 5, Welcomb Street, Manchester, M11 2NB Classification: Wheel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	580	-	387999 397363
256	Contemporary Trade Directory Entries Name: Bht Commercial Services Location: 519, Hyde Road, Manchester, Lancashire, M12 5FL Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	586	-	387162 396518

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
257	Contemporary Trade Directory Entries Name: Cemex Uk Location: Preston Street, Manchester, M18 8DB Classification: Concrete & Mortar Ready Mixed Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	602	-	388051 396895
257	Contemporary Trade Directory Entries Name: Destiny Foods Location: Destiny House, Preston Street, Manchester, Greater Manchester, M18 8DB Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (E)	634	-	388081 396881
258	Contemporary Trade Directory Entries Name: Tdx Ltd Location: Gorton Road, Manchester, M11 2DZ Classification: Salvage Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	604	-	386789 397312
258	Contemporary Trade Directory Entries Name: U C S Manchester Ltd Location: Gorton Road, Manchester, M11 2DZ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	648	-	386754 397344
259	Contemporary Trade Directory Entries Name: Fts Manchester Ltd Location: Olympic House, Bennett St, Manchester, M12 5AP Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SE (W)	606	-	386756 397030
260	Contemporary Trade Directory Entries Name: Manchester Meat & Poultry Ltd Location: Unit 2 30-34 Wood Street, Openshaw, Manchester, Greater Manchester, M11 2FB Classification: Meat - Wholesale Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	615	-	387903 397554
260	Contemporary Trade Directory Entries Name: H & J Supplies Ltd Location: 30-34, Wood Street, Openshaw, Manchester, M11 2FB Classification: Cycle Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	615	-	387903 397554
260	Contemporary Trade Directory Entries Name: Little Greene Location: Wood Street, Openshaw, Manchester, M11 2FB Classification: Paint Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	633	-	387904 397578
261	Contemporary Trade Directory Entries Name: Uk & North Enterprises Ltd Location: Gorton La, Manchester, M18 8DA Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (SE)	615	-	388012 396773
262	Contemporary Trade Directory Entries Name: Lafarge Aggregates Ltd Location: Bessemer Street, Manchester, M11 2NP Classification: Quarries Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	615	-	388064 397294
263	Contemporary Trade Directory Entries Name: Tyresave Manchester Ltd Location: 418, Ashton Old Road, Manchester, M11 2DT Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	617	-	386864 397494

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
263	Contemporary Trade Directory Entries Name: Frederick Law & Co Ltd Location: 418 Ashton Old Rd, Manchester, Lancashire, M11 2DT Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	625	-	386860 397503
264	Contemporary Trade Directory Entries Name: Gorton Auto Services Location: Gorton Road, Manchester, Greater Manchester, M11 2DZ Classification: Salvage Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	646	-	386759 397354
264	Contemporary Trade Directory Entries Name: C G B Services Ltd Location: Unit 2, Britannia House, Gorton Road, MANCHESTER, M11 2DA Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (NW)	672	-	386747 397395
265	Contemporary Trade Directory Entries Name: Advance Autos Ltd Location: Unit 9a, Vaughan Ind Est, Vaughan Street, Manchester, Lancashire, M12 5DU Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NW (W)	649	-	386716 397202
266	Contemporary Trade Directory Entries Name: Davis Emblems Location: Unit 3, David Cuthbert Business Centre, Ashton Old Road, Manchester, Lancashire, M11 2NA Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	653	-	388033 397452
266	Contemporary Trade Directory Entries Name: B M G Catering Ltd Location: Unit 9, David Cuthbert Business Centre, Ashton Old Rd, Manchester, M11 2NA Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	653	-	388033 397452
266	Contemporary Trade Directory Entries Name: Incognito Ltd Location: Unit 5/6, David Cuthbert Business Centre, Ashton Old Road, Manchester, M11 2NA Classification: Greeting Card Publishers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	653	-	388033 397452
267	Contemporary Trade Directory Entries Name: Minara Foods Ltd Location: 153, Bennett Street, Manchester, M12 5BW Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	657	-	386703 397051
268	Contemporary Trade Directory Entries Name: Hope Construction Materials Location: Bessemer Street, Manchester, Greater Manchester, M11 2NW Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	661	-	388131 397201
268	Contemporary Trade Directory Entries Name: Lafarge Aggregates Ltd Location: Bessemer Street, MANCHESTER, M11 2NP Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	664	-	388132 397214
268	Contemporary Trade Directory Entries Name: Lafarge Aggregates Location: Bessemer St, Manchester, Lancashire, M11 2NW Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	676	-	388138 397249

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
269	Contemporary Trade Directory Entries Name: Pride Autos Location: Kay St, Manchester, M11 2DU Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	661	-	386804 397484
269	Contemporary Trade Directory Entries Name: Oakenwell Ltd Location: 414, Ashton Old Road, Manchester, M11 2DT Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	666	-	386813 397506
269	Contemporary Trade Directory Entries Name: Sdl Manchester Ltd Location: 414, Ashton Old Road, Manchester, Lancashire, M11 2DT Classification: Exhaust & Shock Absorber Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	666	-	386812 397506
269	Contemporary Trade Directory Entries Name: Specialist Skills Location: 414, Ashton Old Road, Manchester, Lancashire, M11 2DT Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	666	-	386813 397506
269	Contemporary Trade Directory Entries Name: Sdl (Manchester) Location: 414, Ashton Old Road, Manchester, Lancashire, M11 2DT Classification: Exhaust System Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	666	-	386812 397506
269	Contemporary Trade Directory Entries Name: Manchester Motor Factors Ltd Location: 414, Ashton Old Road, Manchester, M11 2DT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	666	-	386812 397506
269	Contemporary Trade Directory Entries Name: Beejay & Co Location: Barrie Jones House, Kay Street, Manchester, Greater Manchester, M11 2DU Classification: Seating Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	668	-	386779 397454
269	Contemporary Trade Directory Entries Name: Brayziers Architectural Services Location: 1 Kay St, Manchester, Lancashire, M11 2DX Classification: Staircase, Balustrade & Handrail Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	668	-	386778 397453
269	Contemporary Trade Directory Entries Name: C & A Autos Location: Burlington Works, 411 Kay St, Manchester, Lancashire, M11 2DU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	679	-	386784 397486
269	Contemporary Trade Directory Entries Name: Deansgate Press Ltd Location: Burlington Works, Kay Street, Manchester, M11 2DU Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A17SE (NW)	687	-	386776 397488
269	Contemporary Trade Directory Entries Name: Envious Lifestyle Products Location: 412, Ashton Old Road, Manchester, Lancashire, M11 2DT Classification: Homefurnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SE (NW)	695	-	386778 397508
269	Contemporary Trade Directory Entries Name: Del Print Display Service Ltd Location: Kay St, Manchester, M11 2DU Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	706	-	386754 397488

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
269	Contemporary Trade Directory Entries Name: Print Of Manchester Location: 410, Ashton Old Road, Manchester, M11 2DT Classification: T-Shirts Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	736	-	386736 397516
270	Contemporary Trade Directory Entries Name: A & K Engineering Location: Unit 14, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Hydraulic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	666	-	386692 397135
271	Contemporary Trade Directory Entries Name: Van Parts Location: 4 Wilson St, Openshaw, Manchester, Lancashire, M11 2AZ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	669	-	387380 397810
272	Contemporary Trade Directory Entries Name: Cascade Uk Ltd Location: 3, Kelbrook Road, Manchester, M11 2DD Classification: Plant & Machinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	670	-	387806 397695
273	Contemporary Trade Directory Entries Name: Manchester Tyre Services Location: Unit 2, Wilson Street, Openshaw, Manchester, M11 2AZ Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	674	-	387562 397787
273	Contemporary Trade Directory Entries Name: A S W R Independent B M W Dismantlers Location: Unit 1, Wilson Street, Openshaw, Manchester, M11 2AZ Classification: Car Breakers & Dismantlers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	674	-	387562 397787
273	Contemporary Trade Directory Entries Name: Sportcity Garage Location: Clayton Lane, Manchester, Greater Manchester, M11 2AS Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A18NE (N)	674	-	387592 397778
273	Contemporary Trade Directory Entries Name: Van Parts Location: Wilson Street, Openshaw, Manchester, M11 2AZ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	674	-	387562 397787
273	Contemporary Trade Directory Entries Name: Mancab Sport City Garage Location: Clayton Lane, Manchester, M11 2AS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	702	-	387584 397810
274	Contemporary Trade Directory Entries Name: Eaves Machining & Fabrication Location: Unit 9-10a, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Machine Shops Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	679	-	386685 397200
274	Contemporary Trade Directory Entries Name: Hydraulics Manchester Ltd Location: Unit 16, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	682	-	386676 397137
274	Contemporary Trade Directory Entries Name: B S B Rollers Location: Unit 18, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Printers - Glass, Metal, Plastics Etc. Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	682	-	386676 397137

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
274	Contemporary Trade Directory Entries Name: Samuel Walker & Sons Ltd Location: Unit 10A, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	705	-	386655 397177
274	Contemporary Trade Directory Entries Name: Concorde Metals Recycling Location: Unit 10, Vaughan Street Industrial Estate, Manchester, M12 5BT Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (W)	705	-	386655 397177
274	Contemporary Trade Directory Entries Name: Dietiker Metals (Uk) Ltd Location: Unit 10, Vaughan St, Manchester, Lancashire, M12 5DU Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NW (W)	706	-	386655 397176
274	Contemporary Trade Directory Entries Name: Eaves Machining Ltd Location: Unit 10, Vaughan St Ind Est, Manchester, Lancashire, M12 5BT Classification: Engineering Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12NW (W)	706	-	386655 397176
275	Contemporary Trade Directory Entries Name: S R H Lifting Equipment Location: Brook Business Complex, Bennett St, Manchester, Lancashire, M12 5AU Classification: Lifting Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	706	-	386652 397074
276	Contemporary Trade Directory Entries Name: G J Auto Repair Centre Location: 14, Tuley Street, Manchester, M11 2DY Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	718	-	386715 397437
276	Contemporary Trade Directory Entries Name: Temple Mot Centre Location: 8, Tuley Street, Manchester, M11 2DY Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	723	-	386710 397438
276	Contemporary Trade Directory Entries Name: Boss Direct Location: Tuley Street, Manchester, Greater Manchester, M11 2DY Classification: Printers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SW (NW)	723	-	386710 397438
276	Contemporary Trade Directory Entries Name: G G Motors Manchester Location: 8, Tuley Street, Manchester, M11 2DY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	723	-	386710 397438
276	Contemporary Trade Directory Entries Name: Armin & Butler Ltd Location: 14-18, Tuley Street, Manchester, M11 2DY Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	723	-	386710 397438
276	Contemporary Trade Directory Entries Name: Bgm Wire Products Ltd Location: Unit 8 Tuley St, Manchester, M11 2DY Classification: Wire Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	723	-	386710 397438
276	Contemporary Trade Directory Entries Name: Ucs Manchester Location: Gorton Rd, Manchester, Lancashire, M11 2DZ Classification: Scrap Yards Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (NW)	736	-	386692 397430

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
276	Contemporary Trade Directory Entries Name: Universal Car Spares Location: Gorton Road, Manchester, Greater Manchester, M11 2DZ Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12NW (NW)	736	-	386692 397430
277	Contemporary Trade Directory Entries Name: S R H Location: Brook Business Complex, Bennett St, Manchester, Lancashire, M12 5AU Classification: Lifting Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	733	-	386626 397046
277	Contemporary Trade Directory Entries Name: S R H Location: Brook Business Complex, Bennett St, Manchester, Lancashire, M12 5AU Classification: Lifting Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	734	-	386629 397015
278	Contemporary Trade Directory Entries Name: C & A Autos Location: 411 Kay St, Manchester, Lancashire, M11 2DU Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	734	-	386724 397492
279	Contemporary Trade Directory Entries Name: Claymore Motors Location: 384 Hyde Rd, Manchester, Lancashire, M12 4SB Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	742	-	386870 396520
280	Contemporary Trade Directory Entries Name: New Life Windows Manchester Ltd Location: Unit A Compass Street, Openshaw, Manchester, Greater Manchester, M11 2FS Classification: PVC-U Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A19SE (NE)	742	-	388133 397457
281	Contemporary Trade Directory Entries Name: Stp Location: 4, Kelbrook Road, Manchester, M11 2QA Classification: Door Manufacturers - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	744	-	387711 397818
281	Contemporary Trade Directory Entries Name: Money Enterprises (UK) Ltd Location: 128, Clayton Lane, Manchester, M11 2AG Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	762	-	387675 397847
282	Contemporary Trade Directory Entries Name: Mega Motor Care Location: Unit 5, Wilson St, Openshaw, Manchester, Lancashire, M11 2AZ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	756	-	387562 397872
283	Contemporary Trade Directory Entries Name: Universal Car Spares Location: Gorton Rd, Manchester, Lancashire, M11 2DZ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (NW)	765	-	386658 397422
284	Contemporary Trade Directory Entries Name: Biffa Waste Ltd Location: Hammerstone Road, Manchester, M18 8EQ Classification: Waste Disposal Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	778	-	388216 396834

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
284	Contemporary Trade Directory Entries Name: Greater Manchester Waste Ltd Location: Hammerstone Road, Manchester, M18 8EQ Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	778	-	388216 396834
284	Contemporary Trade Directory Entries Name: Bailey & Smith Ltd Location: Hammerstone rd, Manchester, Lancashire, M18 8EF Classification: Refrigeration Equipment - Commercial Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	806	-	388246 396836
285	Contemporary Trade Directory Entries Name: Furniture Recycling In Beswick Location: 1 Chaddesley Walk, Manchester, Lancashire, M11 3SW Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	779	-	387038 397846
286	Contemporary Trade Directory Entries Name: Greggs Location: 31, Greenside Street, Manchester, M11 2HW Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	782	-	388014 397679
287	Contemporary Trade Directory Entries Name: R & B Pet Supplies Location: 20-26, Kay Street, Manchester, M11 2DU Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	798	-	386674 397534
288	Contemporary Trade Directory Entries Name: Spotless Location: 4, Bealey Close, Manchester, M18 8AH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	809	-	388006 396462
289	Contemporary Trade Directory Entries Name: R & P Body Repairs Location: Unit 1, Conway House, Clowes St, Manchester, Lancashire, M12 5JE Classification: Car & Commercial Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (SW)	814	-	386627 396742
290	Contemporary Trade Directory Entries Name: Dale & Company Ancoats Ltd Location: 2, Kelbrook Road, Manchester, M11 2QA Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	821	-	387744 397887
290	Contemporary Trade Directory Entries Name: DHL Online Location: 2, Kelbrook Road, Manchester, M11 2QA Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	826	-	387730 397897
290	Contemporary Trade Directory Entries Name: Surface Finishing Equipment Group Location: Unit 4 2 Kelbrook Road, Manchester, Greater Manchester, M11 2QA Classification: Paint Spraying Equipment & Accessories Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	826	-	387730 397897
290	Contemporary Trade Directory Entries Name: Dale Lifting & Handling Location: 2, Kelbrook Road, MANCHESTER, M11 2QA Classification: Materials Handling Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	826	-	387730 397897
291	Contemporary Trade Directory Entries Name: Square Four Garage Location: Redgate La, Manchester, M12 4RZ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	826	-	386843 396432

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
292	Contemporary Trade Directory Entries Name: Noble Emission Systems Ltd Location: Saxon Works, South Street, Openshaw, Manchester, M11 2FY Classification: Exhaust System Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	828	-	388213 397490
292	Contemporary Trade Directory Entries Name: Benson Components Ltd Location: Saxon Works, South Street, Openshaw, Manchester, M11 2FY Classification: Exhaust System Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	829	-	388214 397491
292	Contemporary Trade Directory Entries Name: Benson Components Ltd Location: Saxon Works, South Street, Openshaw, Manchester, M11 2FY Classification: Exhaust & Shock Absorber Centres Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	829	-	388214 397491
292	Contemporary Trade Directory Entries Name: Fasterfit Location: Saxon Works, South Street, Openshaw, Manchester, M11 2FY Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	829	-	388214 397491
292	Contemporary Trade Directory Entries Name: Protyre Location: 959, Ashton Old Road, Manchester, M11 2SL Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	839	-	388243 397452
293	Contemporary Trade Directory Entries Name: Dorbiere Pub Group Location: Unit 3 Stainburn Road, Manchester, Greater Manchester, M11 2ER Classification: Concrete Products Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A19NW (NE)	836	-	387989 397772
294	Contemporary Trade Directory Entries Name: Redgate Location: Redgate Lane, Manchester, M12 4RY Classification: Recycling Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	843	-	386790 396456
295	Contemporary Trade Directory Entries Name: A & R Cleaning Ltd Location: 30, Hartwell Close, Manchester, M11 3TW Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	847	-	386714 397678
295	Contemporary Trade Directory Entries Name: A & R Cleaning Services Location: 30, Hartwell Close, Manchester, M11 3TW Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	847	-	386714 397678
296	Contemporary Trade Directory Entries Name: Smithfield Furniture Location: New Smithfield Market, Manchester, M11 2WJ Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	848	-	388317 397220
296	Contemporary Trade Directory Entries Name: Professional Waste Location: A11-A13, New Smithfield Market, Manchester, M11 2WJ Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	854	-	388320 397248
297	Contemporary Trade Directory Entries Name: Specialist Skills Location: D14-D16, New Smithfield Market, MANCHESTER, M11 2WP Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	849	-	388325 397140

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
297	Contemporary Trade Directory Entries Name: Chep (Uk) Ltd Location: F31 New Smithfield Market, Manchester, M11 2WJ Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	875	-	388352 397098
297	Contemporary Trade Directory Entries Name: The Mobile Rollershutter Steam Cleaning Service Ltd Location: Unit F38, New Smithfield Market, Manchester, Lancashire, M11 2WJ Classification: Steam Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	885	-	388362 397092
298	Contemporary Trade Directory Entries Name: Budget Pest Control Location: 23d, Trowtree Avenue, Manchester, M12 5LR Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	866	-	386512 396912
299	Contemporary Trade Directory Entries Name: Thos Storey Location: Stainburn Road, Manchester, M11 2EB Classification: Steel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	869	-	387943 397844
299	Contemporary Trade Directory Entries Name: Haynes International Ltd Location: Stainburn Road, Manchester, M11 2ER Classification: Steel Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	889	-	387941 397870
300	Contemporary Trade Directory Entries Name: E P Industrial Services Location: 2, Hartwell Close, Manchester, M11 3TW Classification: Sewing Machines - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	875	-	386645 397633
301	Contemporary Trade Directory Entries Name: Iceland Manufacturing Ltd Location: Hammerstone Road, Manchester, M18 8BW Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	876	-	388311 396808
302	Contemporary Trade Directory Entries Name: Auto Salvage Location: Gorton Rd, Manchester, Lancashire, M11 2DZ Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A17SW (NW)	877	-	386564 397488
303	Contemporary Trade Directory Entries Name: East Manchester Motor Services Location: Workshop next to 11, Clowes Street, Manchester, M12 5JE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	888	-	386551 396731
304	Contemporary Trade Directory Entries Name: Consort Packaging Ltd Location: Unit 1, Bondmark Road, Manchester, M18 8EP Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	889	-	388288 396711
304	Contemporary Trade Directory Entries Name: L D S Motor Bodies Ltd Location: Unit 1, Bondmark Road, Manchester, Lancashire, M18 8EP Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	889	-	388288 396711
304	Contemporary Trade Directory Entries Name: Taw Garage Location: Unit 2, Bondmark Road, Manchester, M18 8EP Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	907	-	388305 396705

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
304	Contemporary Trade Directory Entries Name: Hmc Fleet Maintenance Centre Location: Unit 2, Bondmark Road, Manchester, M18 8EP Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	907	-	388305 396705
304	Contemporary Trade Directory Entries Name: Taw Garage Location: Unit 2, Bondmark Road, Manchester, M18 8EP Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	910	-	388306 396701
304	Contemporary Trade Directory Entries Name: Approved Powder Coating Ltd Location: Unit 3 Bondmark Road, Manchester, Greater Manchester, M18 8EP Classification: Powder Coatings Status: Active Positional Accuracy: Manually positioned within the geographical locality	A9NE (SE)	935	-	388331 396694
305	Contemporary Trade Directory Entries Name: Universal Location: 1-7, Gorton Road, Manchester, M11 2DZ Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	897	-	386568 397544
305	Contemporary Trade Directory Entries Name: Gorton Autos Location: 1-3, Gorton Road, Manchester, M11 2DZ Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	913	-	386546 397537
306	Contemporary Trade Directory Entries Name: Kurpas Meats Ltd Location: 3-4, New Smithfield Market, Manchester, M11 2WJ Classification: Meat - Wholesale Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	900	-	388373 397189
306	Contemporary Trade Directory Entries Name: Gemini Wholesale Location: Unit 26B New Smithfield Market, Manchester, Lancashire, M11 2WJ Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NE (E)	941	-	388412 397208
307	Contemporary Trade Directory Entries Name: Budge Auto Location: 47, Railway Street, Manchester, M18 8FB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	910	-	388367 396887
307	Contemporary Trade Directory Entries Name: North West Gateway Location: 45, Railway Street, Manchester, Lancashire, M18 8FB Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	911	-	388368 396888
307	Contemporary Trade Directory Entries Name: I A S Body Shop Location: 43, Railway Street, Manchester, Lancashire, M18 8FB Classification: Car Paint & Lacquer Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	948	-	388408 396894
307	Contemporary Trade Directory Entries Name: North West Gateway Location: 41-43, Railway Street, Manchester, M18 8FB Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	948	-	388408 396894
307	Contemporary Trade Directory Entries Name: Proval Location: 43, Railway Street, Manchester, Lancashire, M18 8FB Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	948	-	388408 396894

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
307	Contemporary Trade Directory Entries Name: D A L Location: 37, Railway Street, Manchester, M18 8FB Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (E)	980	-	388439 396889
308	Contemporary Trade Directory Entries Name: Advance Vehicle Technicians Location: 3, Gateway Road, Manchester, M18 8EZ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	911	-	388361 396857
308	Contemporary Trade Directory Entries Name: Advance Vehicle Technicians Location: 3, Gateway Road, Manchester, M18 8EZ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	911	-	388361 396857
309	Contemporary Trade Directory Entries Name: Szubryt N W Ltd Location: Unit D25 New Smithfield Market, Manchester, Greater Manchester, M11 2WJ Classification: Meat Product Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	946	-	388414 397234
309	Contemporary Trade Directory Entries Name: Fairfield Environmental Services Ltd Location: New Smithfield Market, Whitworth Street East, Manchester, Greater Manchester, M11 2WJ Classification: Recycling Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A15NW (E)	971	-	388439 397242
310	Contemporary Trade Directory Entries Name: B O C Cars Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: Fuji Car Sales Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: Www.Welovemotors.Com Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: Premier Motors M C R Ltd Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: Brent Taylor Car Sales Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: Andrew Morrey Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
310	Contemporary Trade Directory Entries Name: Winsford Car Sales Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: Andrew Morrey Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: Delta Direct Cars Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: Pheonix Vehicle Resales Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: Regal Motors Location: 308, Hyde Road, Manchester, M12 4RA Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
310	Contemporary Trade Directory Entries Name: A & A Location: 308, Hyde Road, Manchester, Lancashire, M12 4RA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	960	-	386508 396649
311	Contemporary Trade Directory Entries Name: Easeserve Ltd Location: Taw Works, Gorton Lane, Manchester, M18 8DA Classification: Gate Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (E)	993	-	388395 396698
312	Contemporary Trade Directory Entries Name: Auto Spares Location: Bennett St, Manchester, M12 5AQ Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11SE (W)	997	-	386370 396965
313	Fuel Station Entries Name: Belle Vue Filling Station Location: 545, Hyde Road, Gorton, Manchester, Greater Manchester, M12 5NQ Brand: Unbranded Premises Type: Petrol Station Status: Closed Positional Accuracy: Manually positioned to the address or location	A8NW (S)	565	-	387276 396503
314	Fuel Station Entries Name: Openshaw Service Station Location: 949, Ashton Old Road South Street, Openshaw, Manchester, Greater Manchester, M11 3LW Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A14NE (E)	896	-	388315 397426
315	Points of Interest - Commercial Services Name: Hayes of Manchester Location: Unit 5 Regal Industrial Estate, Gorton Road, Manchester, M12 5BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	268	9	387115 397227

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
315	Points of Interest - Commercial Services Name: Autocenter Location: Unit 5 Regal Industrial Estate, Gorton Road, Manchester, M12 5BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	268	9	387115 397228
315	Points of Interest - Commercial Services Name: Autocenter Location: Unit 5 Regal Industrial Estate, Gorton Road, Manchester, M12 5BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	268	9	387115 397227
315	Points of Interest - Commercial Services Name: Aycen Location: Unit 5 Regal Industrial Estate, Gorton Road, Manchester, M12 5BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	268	9	387115 397228
315	Points of Interest - Commercial Services Name: Aycen Location: Unit 5 Regal Industrial Estate, Gorton Road, Manchester, M12 5BX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (NW)	268	9	387115 397228
316	Points of Interest - Commercial Services Name: Winsulate Location: Unit A7 The Dresser Centre, Whitworth Street, Openshaw, Manchester, M11 2NE Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14NW (NE)	367	9	387782 397314
317	Points of Interest - Commercial Services Name: G Morris Ltd Location: Gorton Lane, Manchester, M18 8BT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (SE)	432	9	387834 396832
318	Points of Interest - Commercial Services Name: Manchester M11 Hand Car Wash Location: 745-753 Ashton Old Road, Manchester, M11 2HB Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18SE (NE)	446	9	387680 397507
319	Points of Interest - Commercial Services Name: Sprayart UK Ltd Location: Unit 1, Vaughan Street Industrial Estate, Manchester, M12 5BT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	492	9	386873 397193
319	Points of Interest - Commercial Services Name: M G Waste Management Location: Unit 2, Vaughan Street Industrial Estate, Manchester, M12 5BT Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NE (W)	504	9	386864 397206
319	Points of Interest - Commercial Services Name: M & M Vehicle Painters Location: Unit 7, Vaughan Street, Manchester, M12 5DU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	515	9	386844 397147
319	Points of Interest - Commercial Services Name: C V R Commercials Location: Unit 2 Vaughan Street Industrial Estate, Vaughan Street, Manchester, Greater Manchester, M12 5DU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	528	9	386842 397221

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
320	Points of Interest - Commercial Services Name: A S T Express Location: Preston Street, Manchester, M18 8DB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (E)	519	9	387989 396994
320	Points of Interest - Commercial Services Name: A S T Express Ltd Location: Preston Street, Manchester, M18 8DB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (E)	519	9	387989 396994
321	Points of Interest - Commercial Services Name: Singleton's Scrap Metal Location: 4 Wolverton Street, Manchester, M11 2ET Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NE (NW)	526	9	386915 397407
322	Points of Interest - Commercial Services Name: Advance Autos Location: Unit 9, Vaughan Street Industrial Estate, Manchester, M12 5BT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	531	9	386826 397107
323	Points of Interest - Commercial Services Name: Sportcity Service & M O T Station Location: 4 Clayton Lane, Manchester, M11 2FG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	548	9	387572 397653
324	Points of Interest - Commercial Services Name: Universal Car Spares Location: Gorton Road, Manchester, M11 2DZ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NE (W)	573	9	386818 397300
324	Points of Interest - Commercial Services Name: T D X Ltd Location: Gorton Road, Manchester, M11 2DZ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NE (W)	604	9	386789 397312
324	Points of Interest - Commercial Services Name: Scrap Yard Location: M11 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NE (W)	628	9	386764 397311
324	Points of Interest - Commercial Services Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	631	9	386762 397313
324	Points of Interest - Commercial Services Name: Gorton Auto Salvage Location: Gorton Road, Manchester, M11 2DZ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NE (W)	648	9	386754 397344
324	Points of Interest - Commercial Services Name: U C S Manchester Ltd Location: Gorton Road, Manchester, M11 2DZ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NE (W)	648	9	386754 397344
324	Points of Interest - Commercial Services Name: Gorton Auto Services Location: Gorton Road, Manchester, M11 2DZ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NE (W)	655	9	386748 397350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
325	Points of Interest - Commercial Services Name: Washbucket Detailing & Valeting Centre Location: 565 Hyde Road, Manchester, M12 5NQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8NW (S)	585	9	387350 396466
326	Points of Interest - Commercial Services Name: A J Engineering Services Ltd Location: Unit 11-12 Clayton Court 5, Welcomb Street, Manchester, M11 2NB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	615	9	388050 397333
326	Points of Interest - Commercial Services Name: The Wheel Specialist Location: Unit 7 Clayton Court 5, Welcomb Street, Manchester, M11 2NB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (NE)	645	9	388050 397406
327	Points of Interest - Commercial Services Name: Advance Autos Ltd Location: Unit 9a Vaughan Industrial Estate, Vaughan Street, Manchester, M12 5DU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	649	9	386716 397202
327	Points of Interest - Commercial Services Name: Concorde Metals Recycling Ltd Location: Unit 10, Vaughan Street Industrial Estate, Manchester, M12 5BT Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NW (W)	705	9	386655 397177
327	Points of Interest - Commercial Services Name: Dietiker Metals (UK) Ltd Location: Unit 10, Vaughan St, Manchester, Lancashire, M12 5DU Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NW (W)	706	9	386655 397176
328	Points of Interest - Commercial Services Name: Sdl Manchester Ltd Location: 414 Ashton Old Road, Manchester, M11 2DT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SE (NW)	666	9	386812 397506
329	Points of Interest - Commercial Services Name: A S W R Independent B M W Dismantlers Location: Unit 1, Wilson Street, Openshaw, Manchester, M11 2AZ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18NE (N)	674	9	387562 397787
329	Points of Interest - Commercial Services Name: Van Parts Ltd Location: Wilson Street, Openshaw, Manchester, M11 2AZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	674	9	387562 397787
329	Points of Interest - Commercial Services Name: Sportcity Garage Location: Clayton Lane, Manchester, M11 2AS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	674	9	387592 397778
329	Points of Interest - Commercial Services Name: Mancab UK Location: Rotunda, Clayton Lane, Manchester, M11 4SX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	677	9	387592 397782
329	Points of Interest - Commercial Services Name: Mancab Sport City Garage Location: Unit 4 Clayton Lane, Manchester, M11 2AS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	687	9	387602 397789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
330	Points of Interest - Commercial Services Name: G J Auto Repair Centre Location: 14 Tuley Street, Manchester, M11 2DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	718	9	386714 397436
330	Points of Interest - Commercial Services Name: Temple MOT Centre Location: 8 Tuley Street, Manchester, M11 2DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	723	9	386710 397438
330	Points of Interest - Commercial Services Name: G G Motors Manchester Location: 8 Tuley Street, Manchester, M11 2DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	723	9	386710 397438
330	Points of Interest - Commercial Services Name: Corbett Robertson & Co Ltd Location: 14-18 Tuley Street, Manchester, M11 2DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	723	9	386710 397438
330	Points of Interest - Commercial Services Name: Corbett Robertson & Co Ltd Location: 14-18 Tuley Street, Manchester, M11 2DY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	723	9	386710 397438
331	Points of Interest - Commercial Services Name: Manchester City Council Location: Hammerstone Road, Manchester, M18 8EQ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	778	9	388216 396834
332	Points of Interest - Commercial Services Name: Benson Components Ltd Location: Saxon Works, South Street, Openshaw, Manchester, M11 2FY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	828	9	388213 397490
332	Points of Interest - Commercial Services Name: Benson Location: Saxon Works, South Street, Openshaw, Manchester, M11 2FY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	829	9	388214 397491
332	Points of Interest - Commercial Services Name: HiQ Centre Location: 959 Ashton Old Road, Manchester, M11 2SL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	840	9	388244 397453
332	Points of Interest - Commercial Services Name: Hiq Tyre Services Location: 959 Ashton Old Road, Manchester, M11 2SL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	840	9	388244 397453
333	Points of Interest - Commercial Services Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	832	9	386783 396479
333	Points of Interest - Commercial Services Name: Redgate Location: Redgate Lane, Manchester, M12 4RY Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A7NE (SW)	844	9	386790 396455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
334	Points of Interest - Commercial Services Name: K & R Motors Location: 397 Mill Street, Manchester, M11 2BL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	845	9	387295 397982
335	Points of Interest - Commercial Services Name: East Manchester Motor Services Location: Clowes Street, Manchester, M12 5JE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (W)	863	9	386571 396749
336	Points of Interest - Commercial Services Name: Budget Pest Control Location: 23d Trowtree Avenue, Manchester, M12 5LR Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12SW (W)	866	9	386512 396912
336	Points of Interest - Commercial Services Name: Budget Pest Control Location: 23d Trowtree Avenue, Manchester, M12 5LR Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12SW (W)	866	9	386512 396912
337	Points of Interest - Commercial Services Name: Lds Motor Bodies Ltd Location: Unit 1, Bondmark Road, Manchester, M18 8EP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	889	9	388288 396711
337	Points of Interest - Commercial Services Name: L D S Motor Bodies Ltd Location: Unit 1, Bondmark Road, Manchester, M18 8EP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	890	9	388288 396710
337	Points of Interest - Commercial Services Name: Taw Garage Location: Unit 2, Bondmark Road, Manchester, M18 8EP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	907	9	388305 396705
337	Points of Interest - Commercial Services Name: Taw Garage Location: Unit 2, Bondmark Road, Manchester, M18 8EP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	907	9	388305 396705
338	Points of Interest - Commercial Services Name: Budge Auto Location: 47 Railway Street, Manchester, M18 8FB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	910	9	388367 396887
338	Points of Interest - Commercial Services Name: Advance Vehicle Technicians Location: 3 Gateway Road, Manchester, M18 8EZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	910	9	388361 396862
338	Points of Interest - Commercial Services Name: Advance Vehicle Technicians Location: 3 Gateway Road, Manchester, M18 8EZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	910	9	388361 396862
338	Points of Interest - Commercial Services Name: Avt Location: 3 Gateway Road, Manchester, M18 8EZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	910	9	388361 396862

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
338	Points of Interest - Commercial Services Name: A V T Location: 3 Gateway Road, Manchester, M18 8EZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	910	9	388361 396862
338	Points of Interest - Commercial Services Name: Advance Vehicle Technician L Advance Vehicle Technician Ltd Location: Tavistock Industrial Estate Railway Street, Manchester, Lancashire, M18 8FE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	910	9	388361 396862
338	Points of Interest - Commercial Services Name: Railway Street M O T Centre Location: 41 Railway Street, Manchester, M18 8FB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	948	9	388407 396894
338	Points of Interest - Commercial Services Name: Autorevive Ltd Location: 43 Railway Street, Manchester, M18 8FB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	948	9	388408 396894
339	Points of Interest - Commercial Services Name: Gorton Autos Location: 1-3 Gorton Road, Manchester, M11 2DZ Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A17SW (NW)	913	9	386546 397537
340	Points of Interest - Commercial Services Name: Fairfield Environmental Services Ltd Location: A27 New Smithfield Market, Whitworth Street East, Manchester, M11 2WJ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14NE (E)	957	9	388424 397243
341	Points of Interest - Commercial Services Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A17SW (W)	985	9	386445 397483
342	Points of Interest - Education and Health Name: Delamare Intermediate Care Unit Location: Melland House 121, Taylor Street, Manchester, M18 8DF Category: Health Practitioners and Establishments Class Code: Accident & Emergency Department Positional Accuracy: Positioned to address or location	A9NW (SE)	694	9	388019 396642
343	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	95	9	387290 397194
343	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	134	9	387243 397186
344	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	246	9	387287 397373
344	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	247	9	387281 397371

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
345	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	279	9	387078 397113
345	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	283	9	387074 397113
346	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	301	9	387083 396980
346	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	302	9	387066 397025
346	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	340	9	387028 397020
346	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	343	9	387025 397020
346	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	345	9	387039 396970
346	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	345	9	387039 396970
347	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	321	9	387345 397461
347	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	321	9	387341 397460
347	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	342	9	387270 397468
347	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	343	9	387265 397468

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
348	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	338	9	387040 397221
348	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	341	9	387036 397220
349	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	427	9	386930 397090
349	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	432	9	386925 397089
349	Points of Interest - Manufacturing and Production Name: Tank Location: M12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	447	9	386910 397103
349	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	513	9	386845 397070
349	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	516	9	386842 397070
350	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	432	9	387645 397509
350	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	433	9	387648 397509
351	Points of Interest - Manufacturing and Production Name: Works Location: M18 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	454	9	387927 397019
351	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	458	9	387931 397019
351	Points of Interest - Manufacturing and Production Name: Tank Location: M18 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	492	9	387960 396981

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
352	Points of Interest - Manufacturing and Production Name: Works Location: M18 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	541	9	387988 396899
352	Points of Interest - Manufacturing and Production Name: Works Location: M18 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	561	9	388012 396907
352	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	566	9	388017 396908
353	Points of Interest - Manufacturing and Production Name: Vaughan Industrial Estate Location: M12 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	549	9	386815 397193
353	Points of Interest - Manufacturing and Production Name: Vaughan Industrial Estate Location: M12 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	584	9	386780 397191
354	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	566	9	386792 397069
354	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	569	9	386789 397069
354	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	571	9	386794 397012
354	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	575	9	386790 397012
354	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	641	9	386719 397049
354	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	644	9	386716 397049
355	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	574	9	387920 397476

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
355	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	578	9	387924 397477
356	Points of Interest - Manufacturing and Production Name: The City Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	583	9	388027 397304
356	Points of Interest - Manufacturing and Production Name: Lafarge Aggregates Ltd Location: Bessemer Street, Manchester, M11 2NP Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A14NW (E)	615	9	388064 397294
357	Points of Interest - Manufacturing and Production Name: Tank Location: M12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	588	9	387415 396457
358	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	592	9	386786 396948
358	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	592	9	386786 396948
359	Points of Interest - Manufacturing and Production Name: Steelworks Location: M18 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	616	9	388026 396795
360	Points of Interest - Manufacturing and Production Name: Cuthbert Business Centre Location: M11 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	648	9	388017 397469
360	Points of Interest - Manufacturing and Production Name: Cuthbert Business Centre Location: M11 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	655	9	388024 397471
360	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	696	9	388012 397555
360	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	696	9	388012 397555
361	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	657	9	387923 396593

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
361	Points of Interest - Manufacturing and Production Name: Works Location: M18 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	657	9	387923 396593
362	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	669	9	387797 397698
362	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	671	9	387802 397698
363	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	683	9	388055 397474
364	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	696	9	386778 397509
364	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	696	9	386778 397509
364	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	719	9	386726 397462
364	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	722	9	386722 397461
364	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	786	9	386662 397484
364	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	789	9	386658 397483
365	Points of Interest - Manufacturing and Production Name: Tanks Location: M18 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	705	9	388157 396889
366	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	713	9	387571 397825

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
366	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	714	9	387575 397825
367	Points of Interest - Manufacturing and Production Name: Tank Location: M12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	739	9	386618 397117
368	Points of Interest - Manufacturing and Production Name: Tank Location: M12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	770	9	386593 397202
369	Points of Interest - Manufacturing and Production Name: Tank Location: M12 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	811	9	386552 397008
370	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	814	9	386747 396545
371	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	823	9	388209 397487
371	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	827	9	388213 397487
371	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	837	9	388202 397528
371	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	842	9	388208 397528
371	Points of Interest - Manufacturing and Production Name: Tank Location: M11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	877	9	388252 397520
372	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	837	9	388237 396724
372	Points of Interest - Manufacturing and Production Name: Works Location: M18 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	837	9	388237 396724

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
373	Points of Interest - Manufacturing and Production Name: Works Location: M11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19NW (NE)	838	9	387988 397775
373	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	852	9	388017 397770
374	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	844	9	387467 397979
375	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	862	9	387634 397962
376	Points of Interest - Manufacturing and Production Name: Tanks Location: M11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	878	9	387880 397891
376	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	895	9	387939 397877
377	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	896	9	386511 396810
377	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	900	9	386507 396809
377	Points of Interest - Manufacturing and Production Name: Works Location: M12 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	909	9	386494 396818
378	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	909	9	388359 396856
378	Points of Interest - Manufacturing and Production Name: Works Location: M18 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	909	9	388359 396856
379	Points of Interest - Manufacturing and Production Name: Tank Location: M11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	950	9	387510 398080

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
379	Points of Interest - Manufacturing and Production Name: Tank Location: M11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	952	9	387440 398090
380	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	957	9	388044 397882
381	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15SW (E)	981	9	388440 396892
381	Points of Interest - Manufacturing and Production Name: Works Location: M18 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15SW (E)	981	9	388440 396892
382	Points of Interest - Public Infrastructure Name: Ashbury's East Junction Location: M12 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	74	9	387374 397214
383	Points of Interest - Public Infrastructure Name: Ashburys Rail Station Location: Pottery Lane, M11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13NW (NW)	232	9	387165 397252
383	Points of Interest - Public Infrastructure Name: Ashburys Station Location: Pottery Lane, M12 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A13NW (NW)	232	9	387165 397252
384	Points of Interest - Public Infrastructure Name: Greater Manchester Fire & Rescue Service Location: Fire Station, Birch Street, Manchester, M12 5NS Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A8NW (SW)	427	9	387193 396678
384	Points of Interest - Public Infrastructure Name: Gorton Fire Station Location: Fire Station, Birch Street, Manchester, M12 5NS Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A8NW (SW)	427	9	387192 396678
384	Points of Interest - Public Infrastructure Name: Fire Station Location: Fire Station, Birch Street, Manchester, M12 5NS Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A8NW (SW)	427	9	387193 396678
385	Points of Interest - Public Infrastructure Name: Ashbury's West Junction Location: M12 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	458	9	386929 397267
386	Points of Interest - Public Infrastructure Name: Belle Vue Filling Station Location: 545 Hyde Road, Manchester, M12 5NQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NW (S)	563	9	387275 396505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
386	Points of Interest - Public Infrastructure Name: Belle Vue Filling Station Location: 545 Hyde Road, Manchester, M12 5NQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NW (S)	565	9	387276 396503
386	Points of Interest - Public Infrastructure Name: Belle Vue Filling Station Location: 545 Hyde Road, Manchester, M12 5NQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NW (S)	566	9	387258 396508
387	Points of Interest - Public Infrastructure Name: Public Recycling Facility Location: M11 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	593	9	386836 397401
388	Points of Interest - Public Infrastructure Name: Priory Junction Location: M11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	602	9	388078 397043
389	Points of Interest - Public Infrastructure Name: Grey Mare Lane Police Station Location: Grey Mare Lane, Manchester, M11 3BA Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A18SW (NW)	641	9	387145 397742
390	Points of Interest - Public Infrastructure Name: Concorde Metals Recycling Location: Unit 10, Vaughan Street Industrial Estate, Manchester, M12 5BT Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A12NW (W)	705	9	386655 397177
390	Points of Interest - Public Infrastructure Name: Concorde Metals Recycling Ltd Location: Unit 10, Vaughan Street Industrial Estate, Manchester, M12 5BT Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A12NW (W)	705	9	386655 397177
391	Points of Interest - Public Infrastructure Name: Biffa Waste Services Ltd Location: Hammerstone Road, Manchester, M18 8EQ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	778	9	388216 396834
391	Points of Interest - Public Infrastructure Name: Greater Manchester Waste Ltd Location: Hammerstone Road, Manchester, M18 8EQ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	778	9	388216 396834
391	Points of Interest - Public Infrastructure Name: Enterprise Manchester Ltd Location: Hammerstone Road, Manchester, M18 8EQ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	778	9	388216 396834
392	Points of Interest - Public Infrastructure Name: All Spotless Location: 4 Bealey Close, Manchester, M18 8AH Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A9NW (SE)	809	9	388006 396462
392	Points of Interest - Public Infrastructure Name: Spotless Location: 4 Bealey Close, Manchester, M18 8AH Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A9NW (SE)	809	9	388006 396462

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
393	Points of Interest - Public Infrastructure Name: Waste Transfer Station Location: M12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	833	9	386758 396503
393	Points of Interest - Public Infrastructure Name: Redgate Location: Redgate Lane, Manchester, M12 4RY Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7NE (SW)	844	9	386790 396455
394	Points of Interest - Public Infrastructure Name: Emerge Recycling Location: 4 New Smithfield Market, Manchester, M11 2WJ Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A14NE (E)	840	9	388291 397318
395	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	211	9	387238 396903
396	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	356	9	387614 396735
396	Points of Interest - Recreational and Environmental Name: Playground Location: Bonchurch Walk, M18 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	356	9	387614 396735
397	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	457	9	387312 397594
397	Points of Interest - Recreational and Environmental Name: Playground Location: Windermere Close, M11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	458	9	387305 397594
398	Points of Interest - Recreational and Environmental Name: Playground Location: Newtown Close, M11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SE (N)	460	9	387525 397575
399	Points of Interest - Recreational and Environmental Name: Skatepark Location: M12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	488	9	387559 396572
399	Points of Interest - Recreational and Environmental Name: Playground Location: Marjorie Close, M18 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NE (S)	532	9	387641 396552
400	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	733	9	386640 396955

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
400	Points of Interest - Recreational and Environmental Name: Playground Location: Gregory Street, M12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	733	9	386640 396955
400	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	736	9	386658 396874
400	Points of Interest - Recreational and Environmental Name: Playground Location: Reabrook Avenue, M12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	736	9	386658 396874
401	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	787	9	387810 396351
402	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	867	9	388115 397698
403	Points of Interest - Recreational and Environmental Name: Playground Location: Parkhouse Street, M11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SE (NE)	921	9	388256 397601
403	Points of Interest - Recreational and Environmental Name: Playground Location: Elysian Street, M11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SE (NE)	938	9	388243 397652
404	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A11NE (W)	973	9	386384 397100
404	Points of Interest - Recreational and Environmental Name: Playground Location: Anthony Close, M12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A11NE (W)	974	9	386383 397099

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Stockport Metropolitan Borough Council - Environment Team (Land & Water) Environment Agency - Head Office Salford City Council - Environmental Health Department Trafford Metropolitan Borough Council - Renewal and Environmental Protection Tameside Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	December 2014 June 2020 November 2013 November 2013 October 2017 October 2017 September 2013 September 2014	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	January 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - North West Region	January 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control Rochdale Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	July 2014 June 2015 March 2015 March 2015 October 2014 October 2014 September 2014	Variable Variable Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Rochdale Metropolitan Borough Council - Environmental Health Department Trafford Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Manchester City Council - Environmental Health Department	July 2014 July 2015 June 2015 March 2015 March 2015 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Rochdale Metropolitan Borough Council - Environmental Health Department Tameside Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Trafford Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	July 2014 June 2015 March 2015 October 2014 October 2014 September 2013 September 2014	Variable Variable Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	October 2020	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - North West Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable

Agency & Hydrological	Version	Update Cycle
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	January 2021	Quarterly
Water Abstractions Environment Agency - North West Region	January 2021	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	September 2020	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - South Area	October 2020	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	January 2021	Quarterly
Local Authority Landfill Coverage Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Stockport Metropolitan Borough Council - Environmental Health Department, EEDD Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - South Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Trafford Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Stockport Metropolitan Borough Council - Environment and Economic Development Tameside Metropolitan Borough Council - Planning and Building Control Salford City Council	April 2016 February 2016 February 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Trafford Metropolitan Borough Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Stockport Metropolitan Borough Council - Environment and Economic Development Tameside Metropolitan Borough Council - Planning and Building Control Salford City Council	April 2016 February 2016 February 2016 February 2016 February 2016 February 2016 June 2016	Variable Variable Variable Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	October 2015	Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	January 2021	
Points of Interest - Commercial Services PointX	December 2020	Quarterly
Points of Interest - Education and Health PointX	December 2020	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2020	Quarterly
Points of Interest - Public Infrastructure PointX	December 2020	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2020	Quarterly
Underground Electrical Cables National Grid	August 2020	

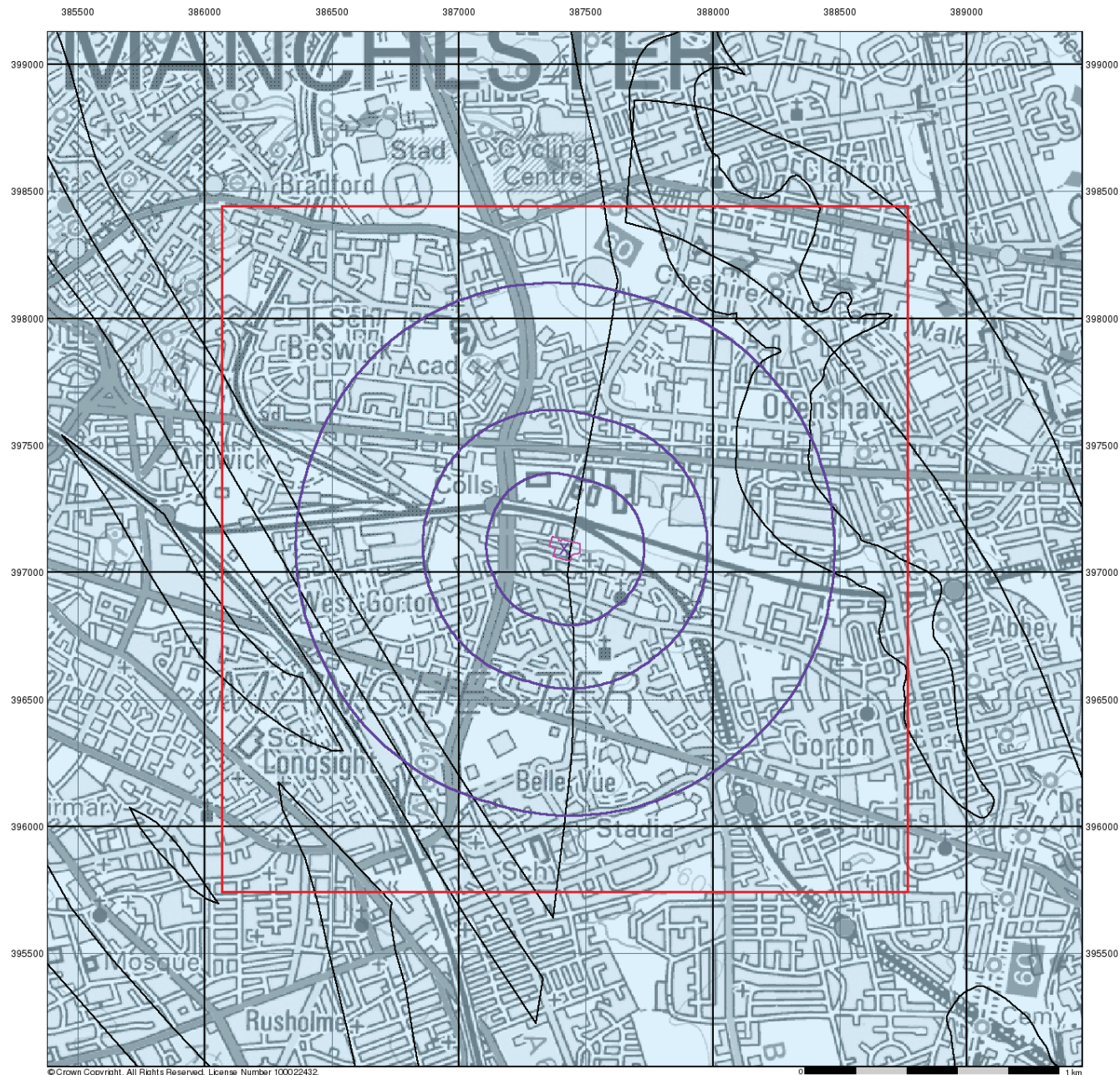
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council Stockport Metropolitan Borough Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	June 2020 June 2020 June 2020 June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified As notified As notified As notified
Areas of Unadopted Green Belt Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Salford City Council Stockport Metropolitan Borough Council Tameside Metropolitan Borough Council Trafford Metropolitan Borough Council	June 2020 June 2020 June 2020 June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	September 2020	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Manchester City Council - Environmental Health Department PO Box 463, Town Hall Extension, Albert Square, Manchester, Greater Manchester, M60 3NY	Telephone: 0161 234 4884 / 234 4873. Fax: 0161 234 4508 Website: www.manchester.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Manchester City Council - Planning Department Town Hall, Manchester, Greater Manchester, M60 2LA	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
9	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	Manchester City Council Town Hall, Albert Square, Manchester, Greater Manchester, M60 2JT	Telephone: 0161 234 5000 Fax: 0161 234 4508 Website: www.manchester.gov.uk
11	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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0 1 km

Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

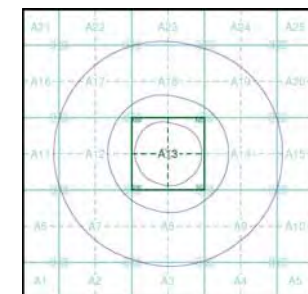
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A

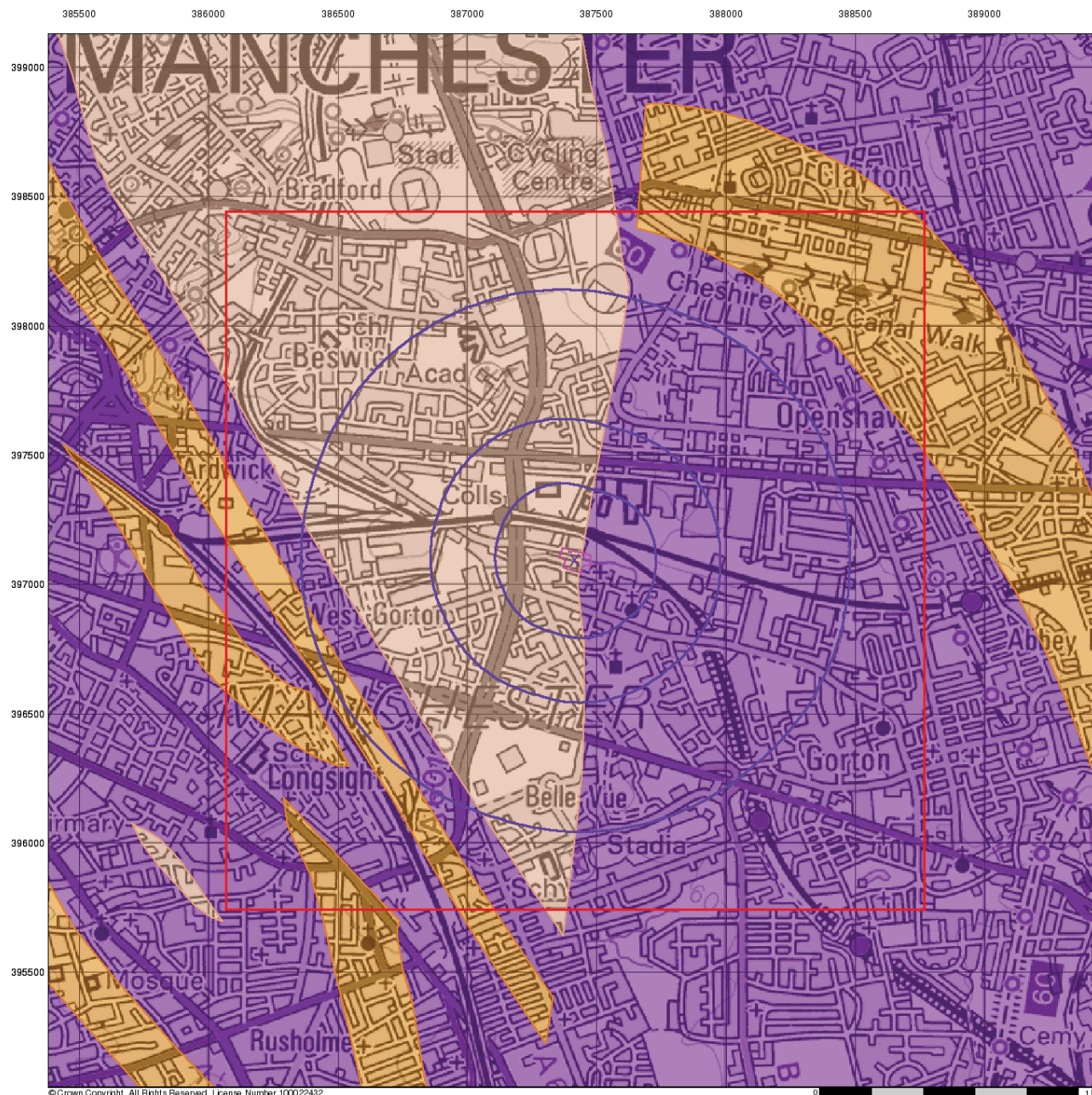


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DU



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0 1 km

Bedrock Aquifer Designation

General

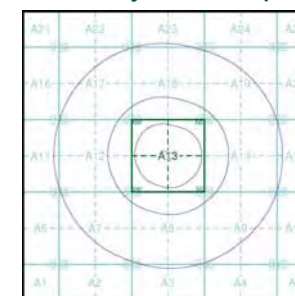
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

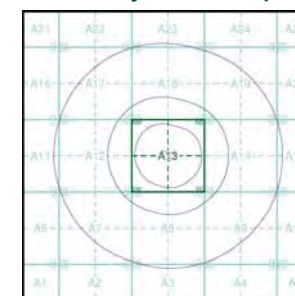
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

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Site Details

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0 1 km

Source Protection Zones

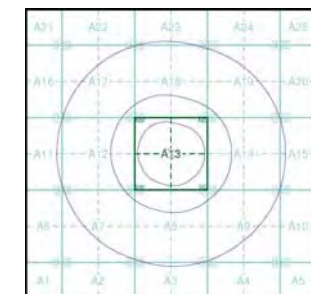
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



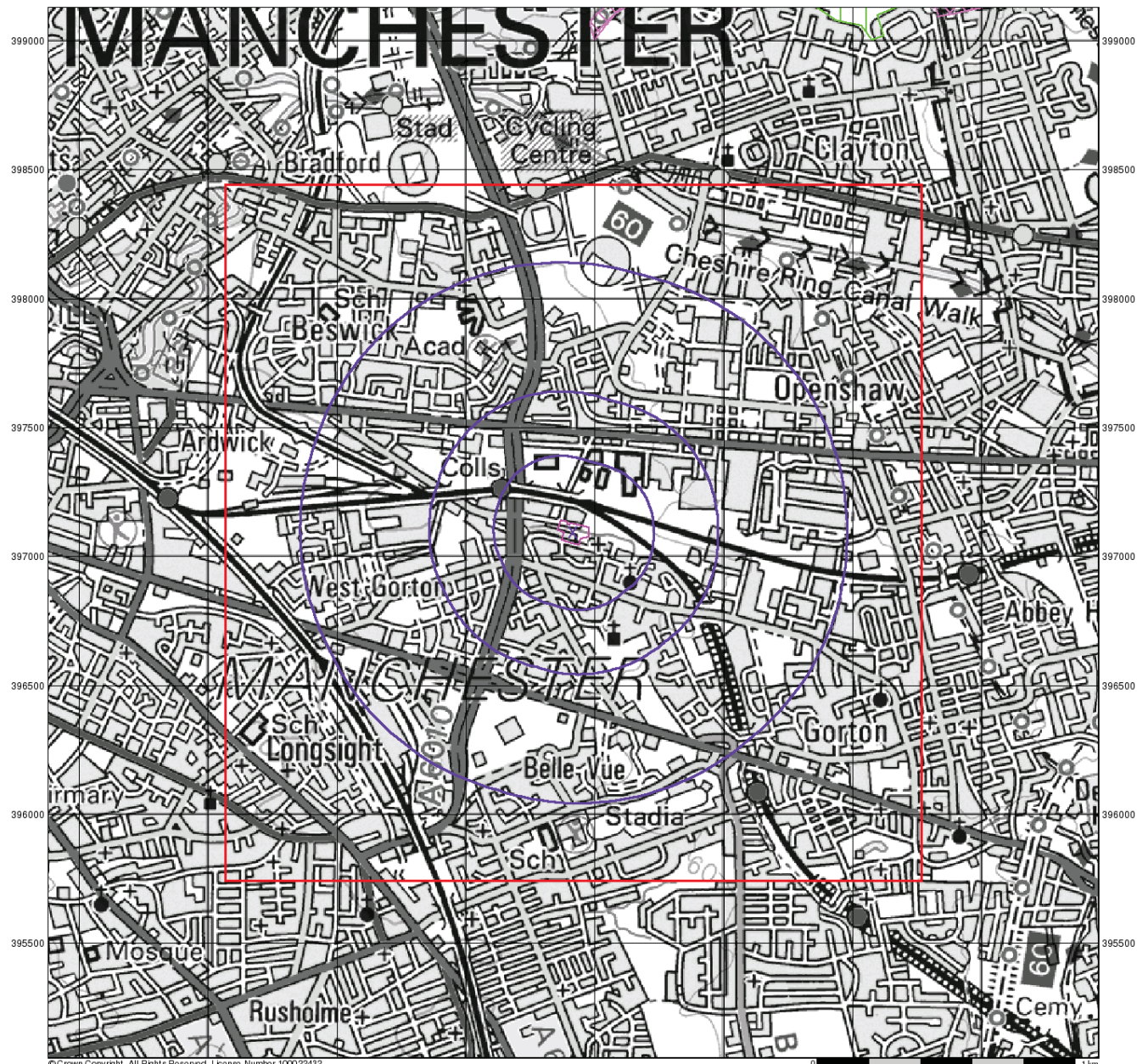
Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

385500 386000 386500 387000 387500 388000 388500 389000



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0 1 km

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Sensitive Land Uses

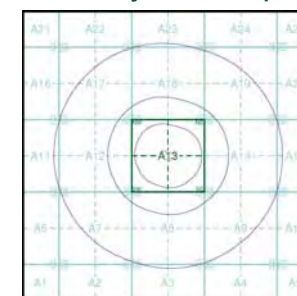
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

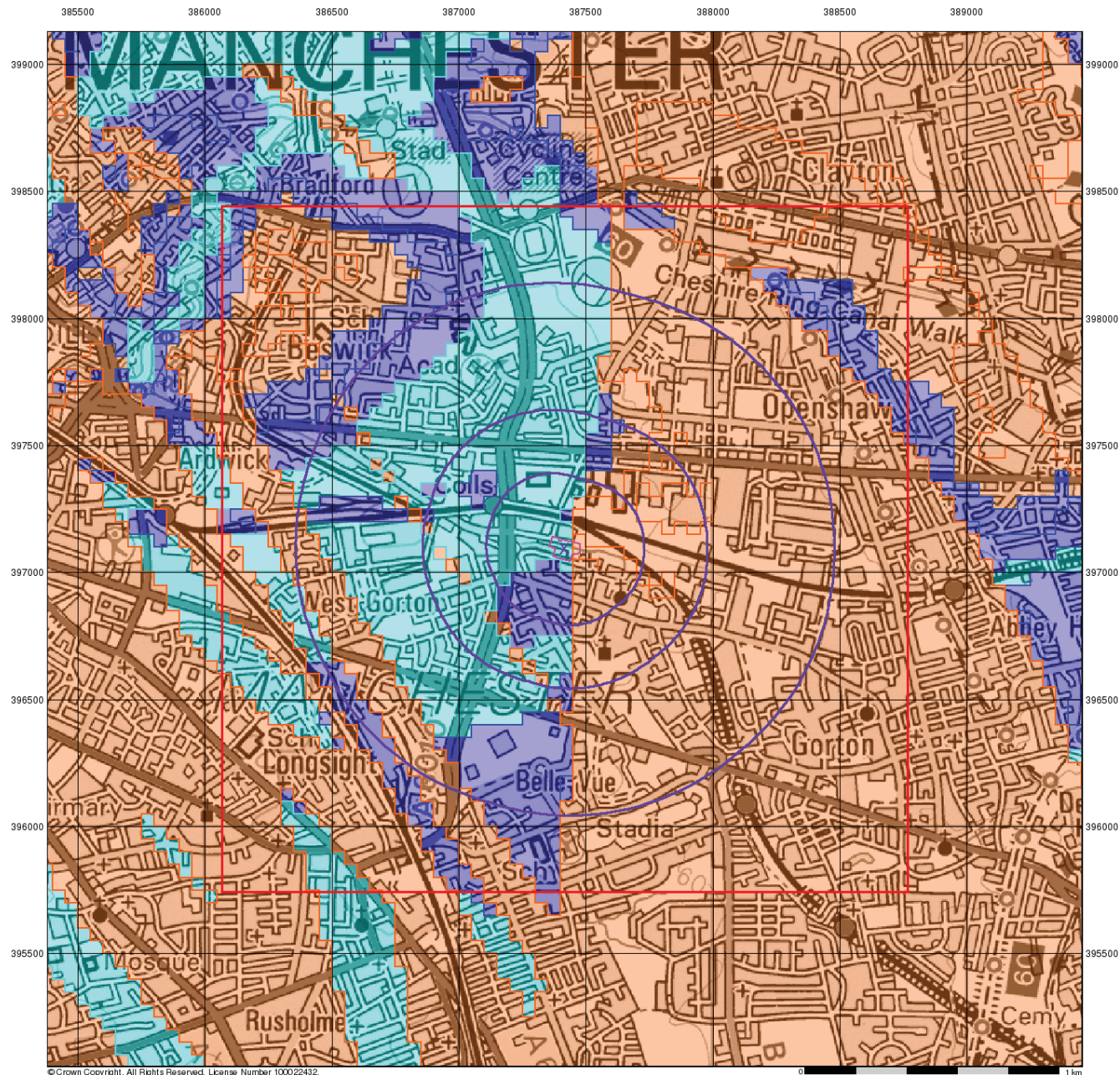
Order Number: 273059843_1_1
Customer Ref: 317-20-365
National Grid Reference: 387420, 397100
Slice: A
Site Area (Ha): 0.71
Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

Landmark
INFORMATION GROUP

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



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BGS Flood GFS Data

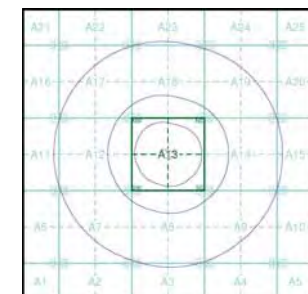
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DU

Landmark
 INFORMATION GROUP

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



The diagram shows a 5x5 grid of points labeled A01 to A25. The points are arranged in a regular grid. A central point, A13, is highlighted with a thick black square and a dashed circle. A compass rose indicates North (N) is at the top.

Order Number: 273059843_1_1
Customer Ref: 317-20-365
National Grid Reference: 387420, 397100
Slice: A
Site Area (Ha): 0.71
Plot Buffer (m): 100

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

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



General

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

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

Hazardous Substances

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

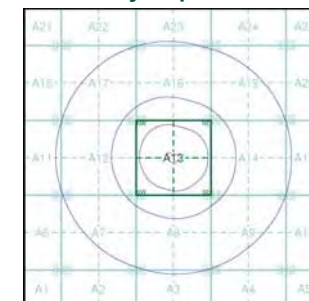
Geological

- BGS Recorded Mineral Site

Waste

- BOS Recorded Landfill Site (Location)
- BOS 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
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- 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

Site Sensitivity Map - Slice A

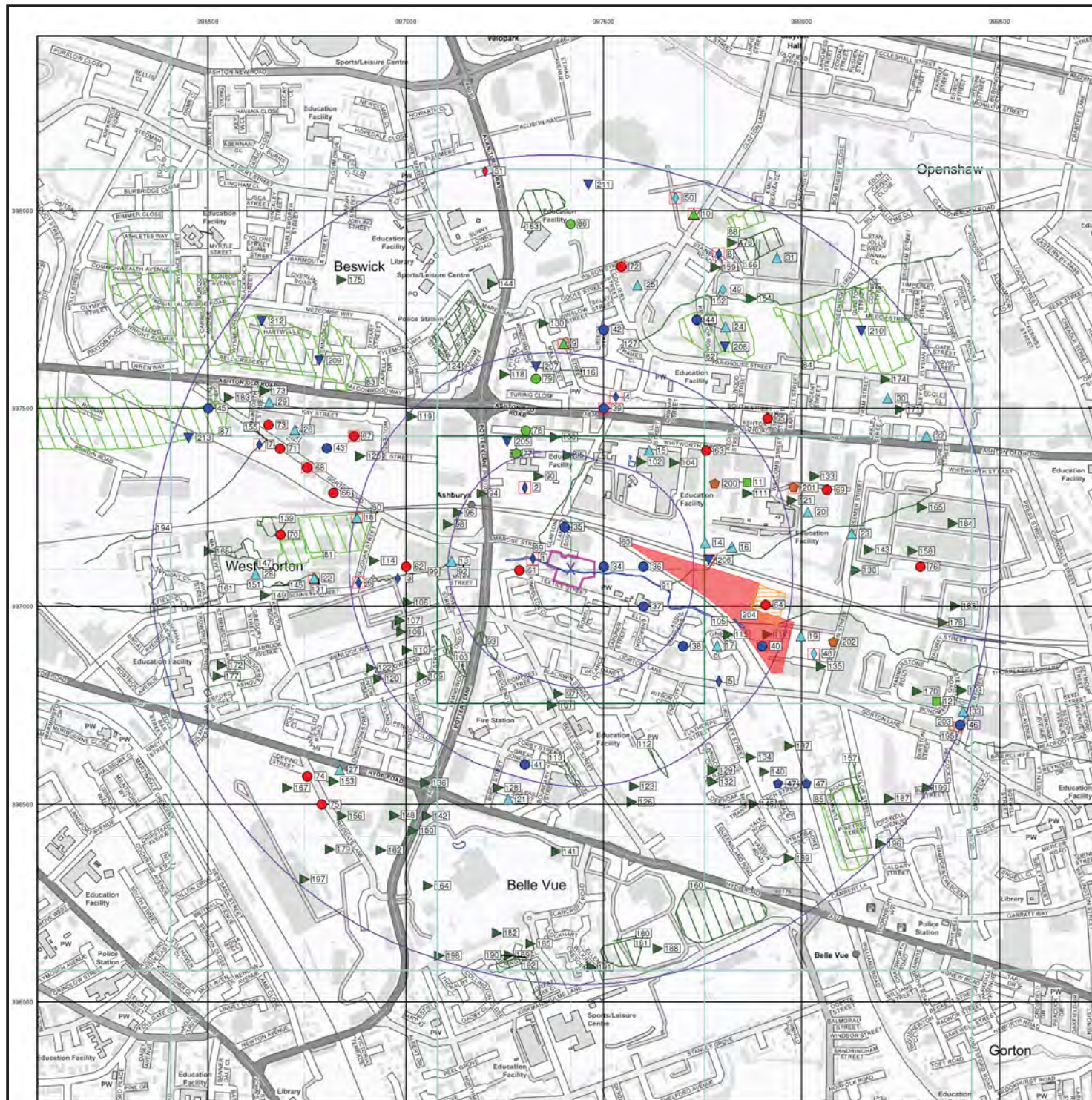


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



Industrial Land Use Map

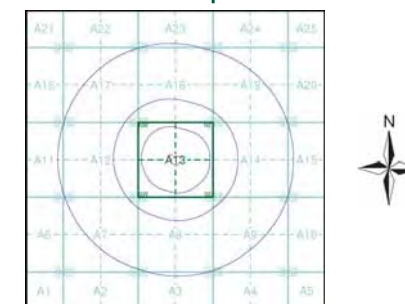
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A

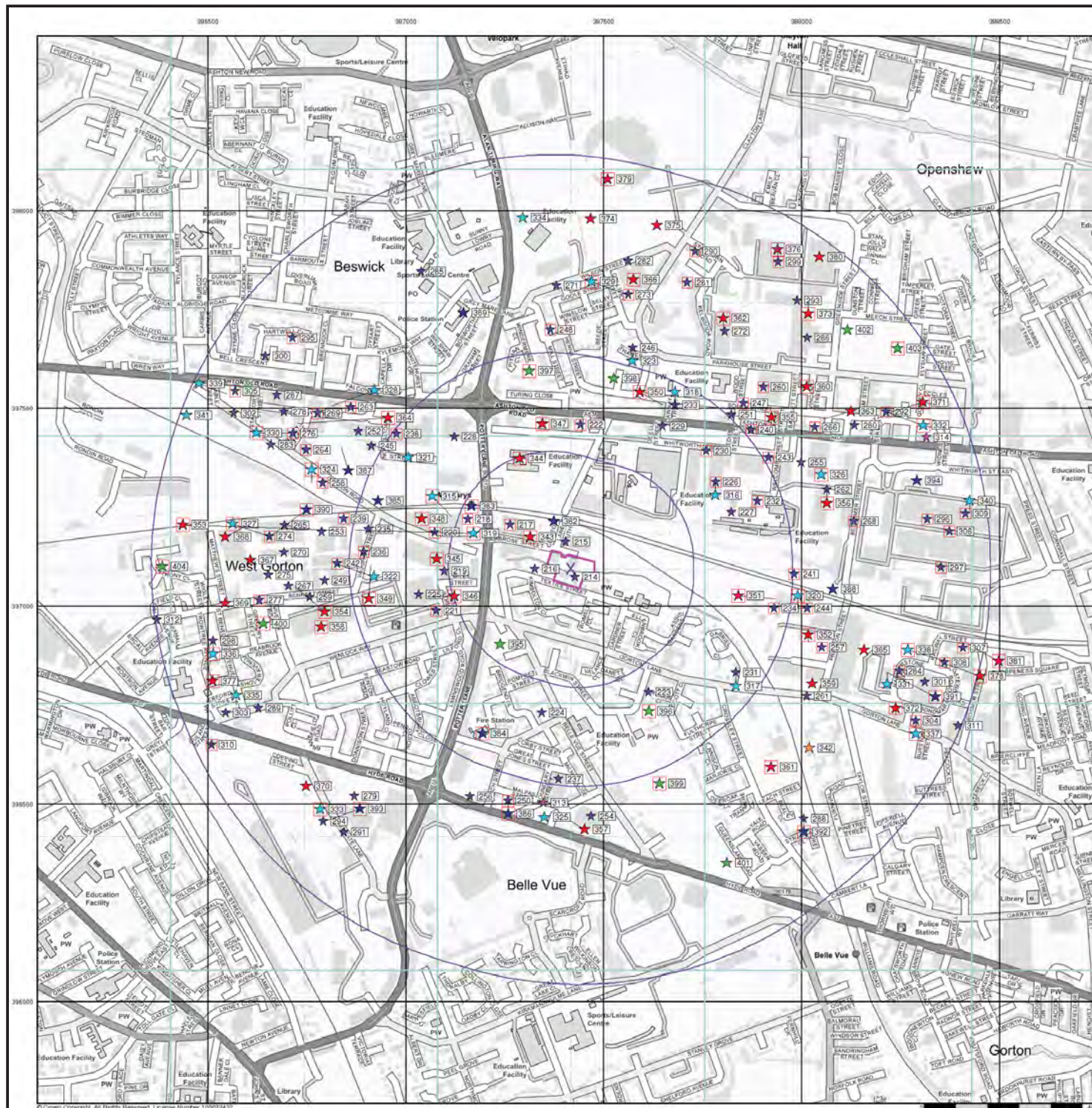


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



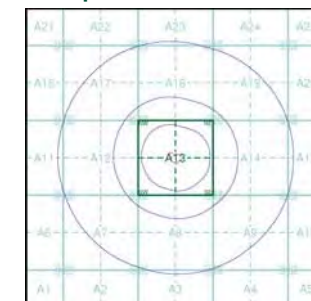
General

- ◇ 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

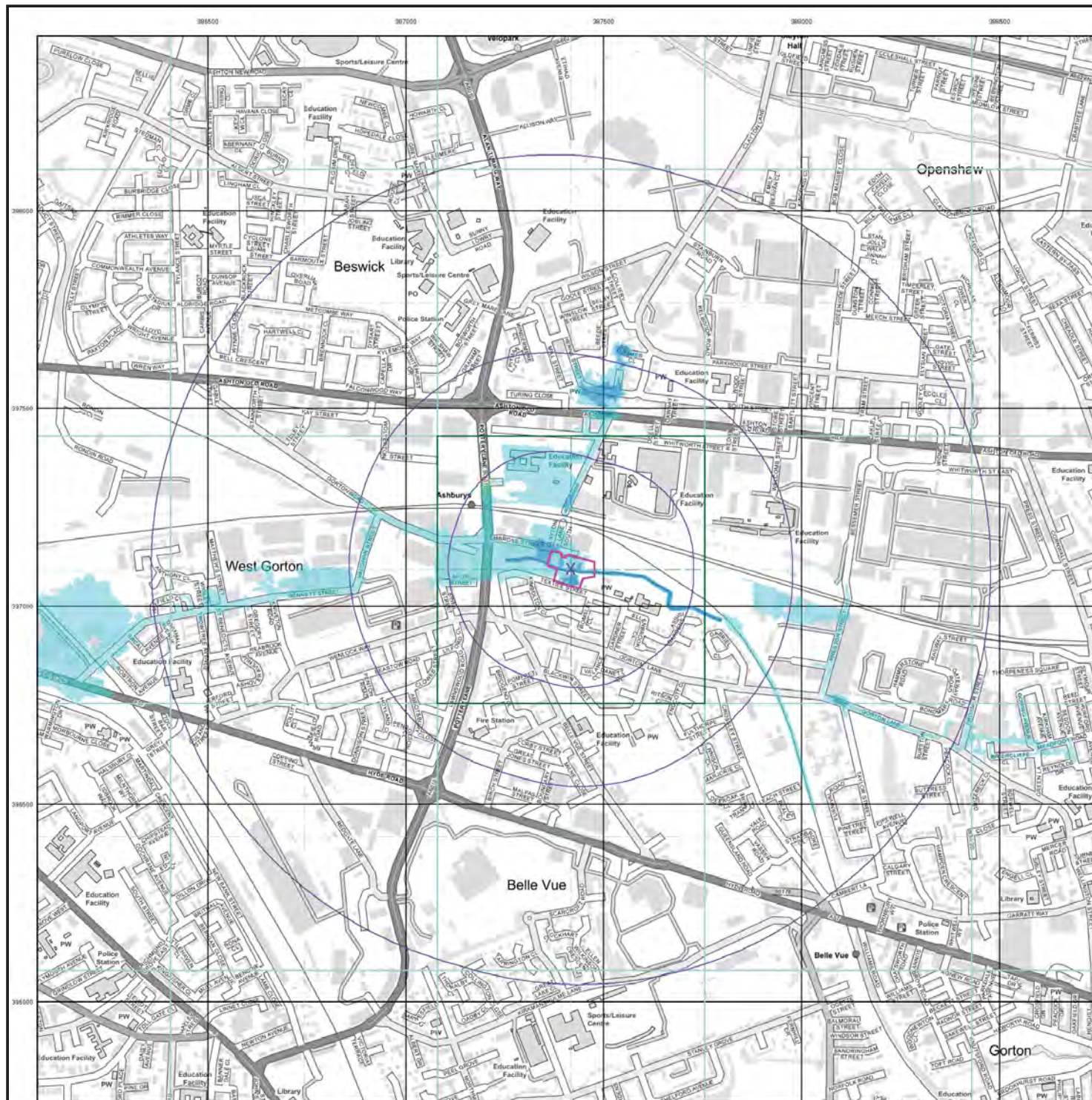


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



General

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

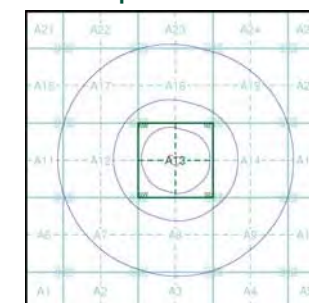
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

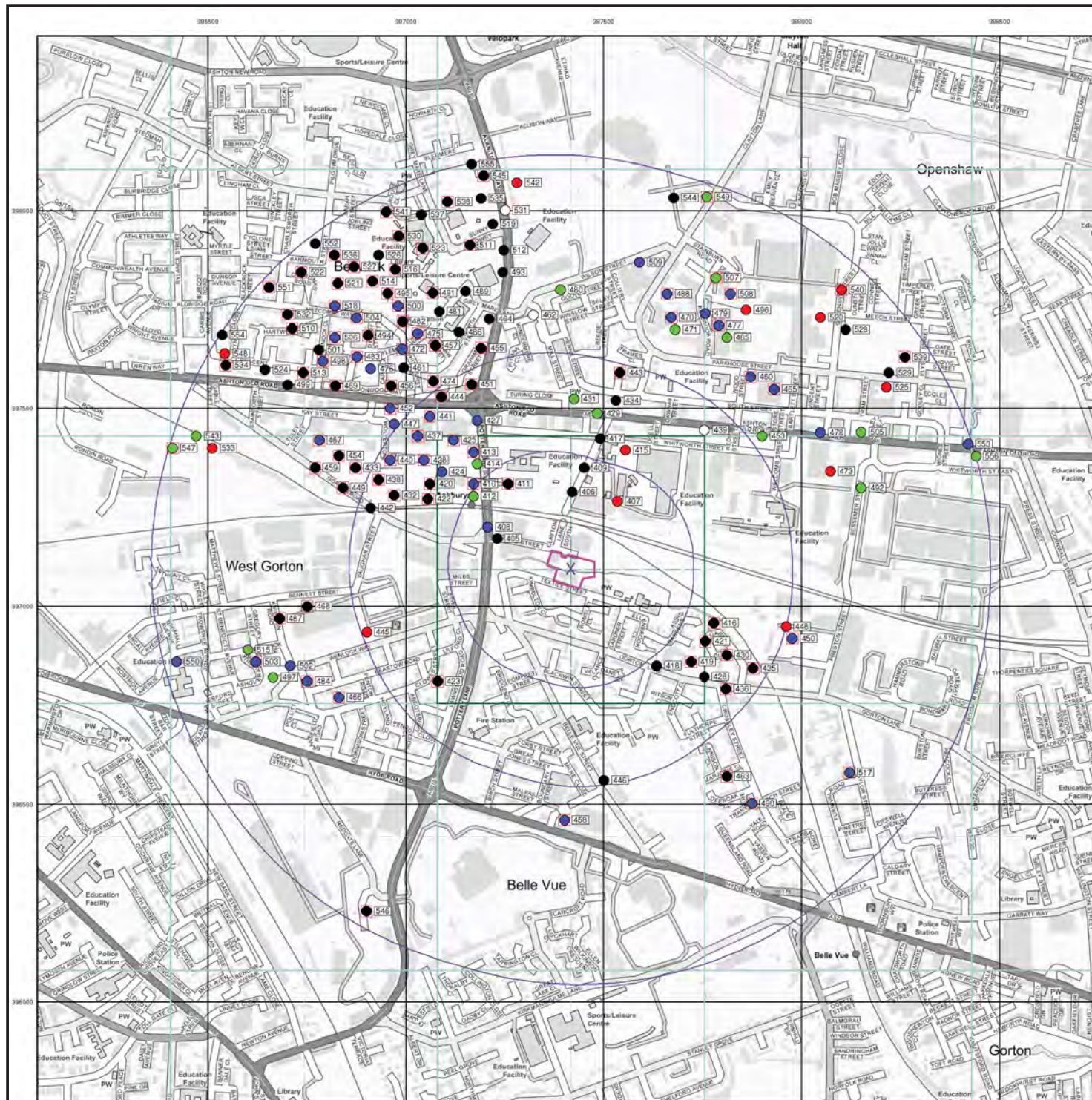


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



General

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

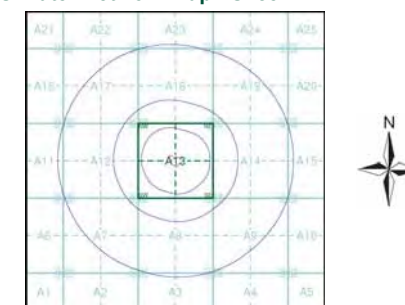
OS Water Network Data

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

Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour 105 100 95
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A

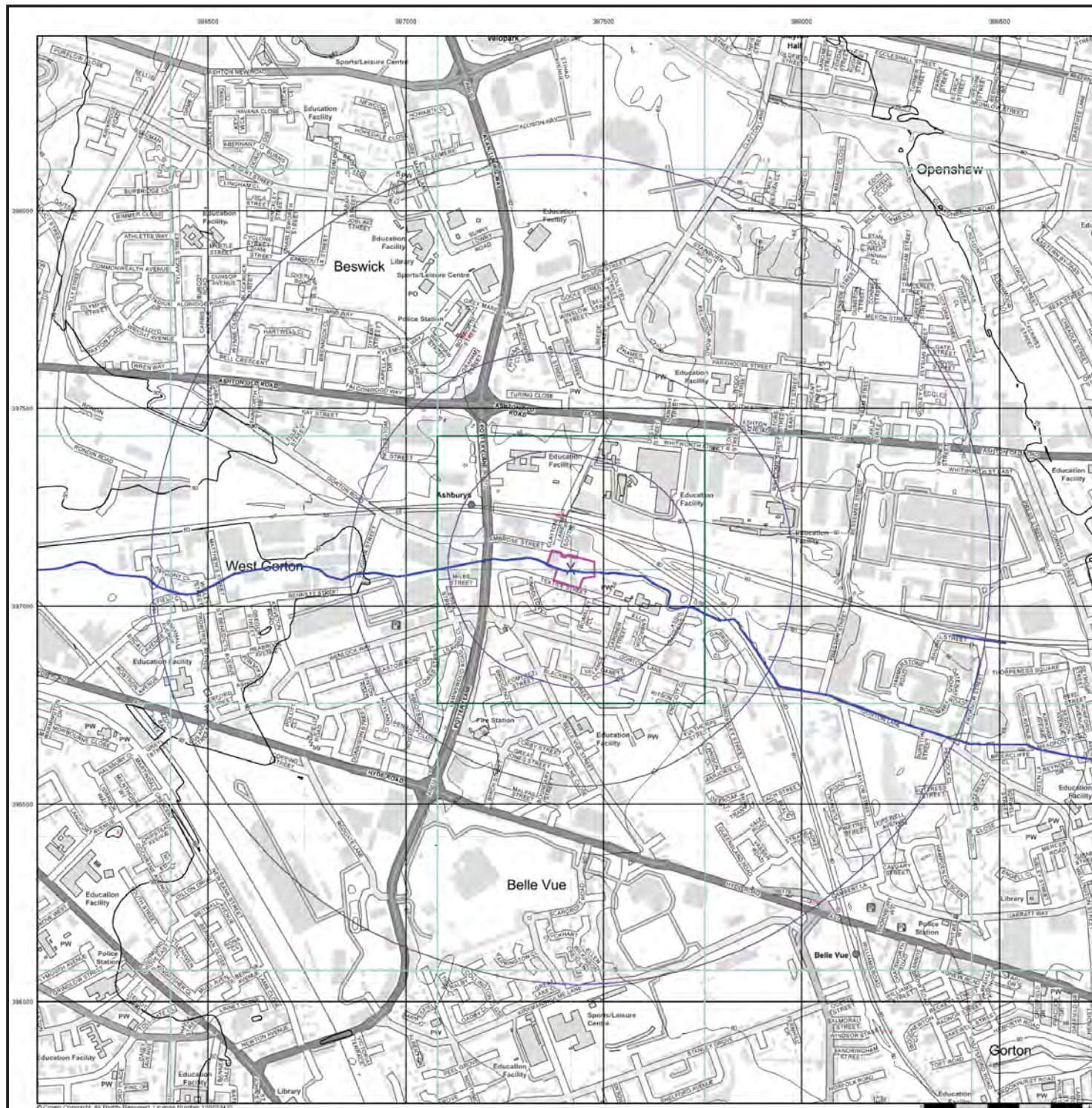


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



General

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

Risk of Flooding from Surface Water

-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

-  National to county
-  County to town
-  Town to street
-  Street to parcels of land
-  Property

EA/NRW Suitability Map - Slice A

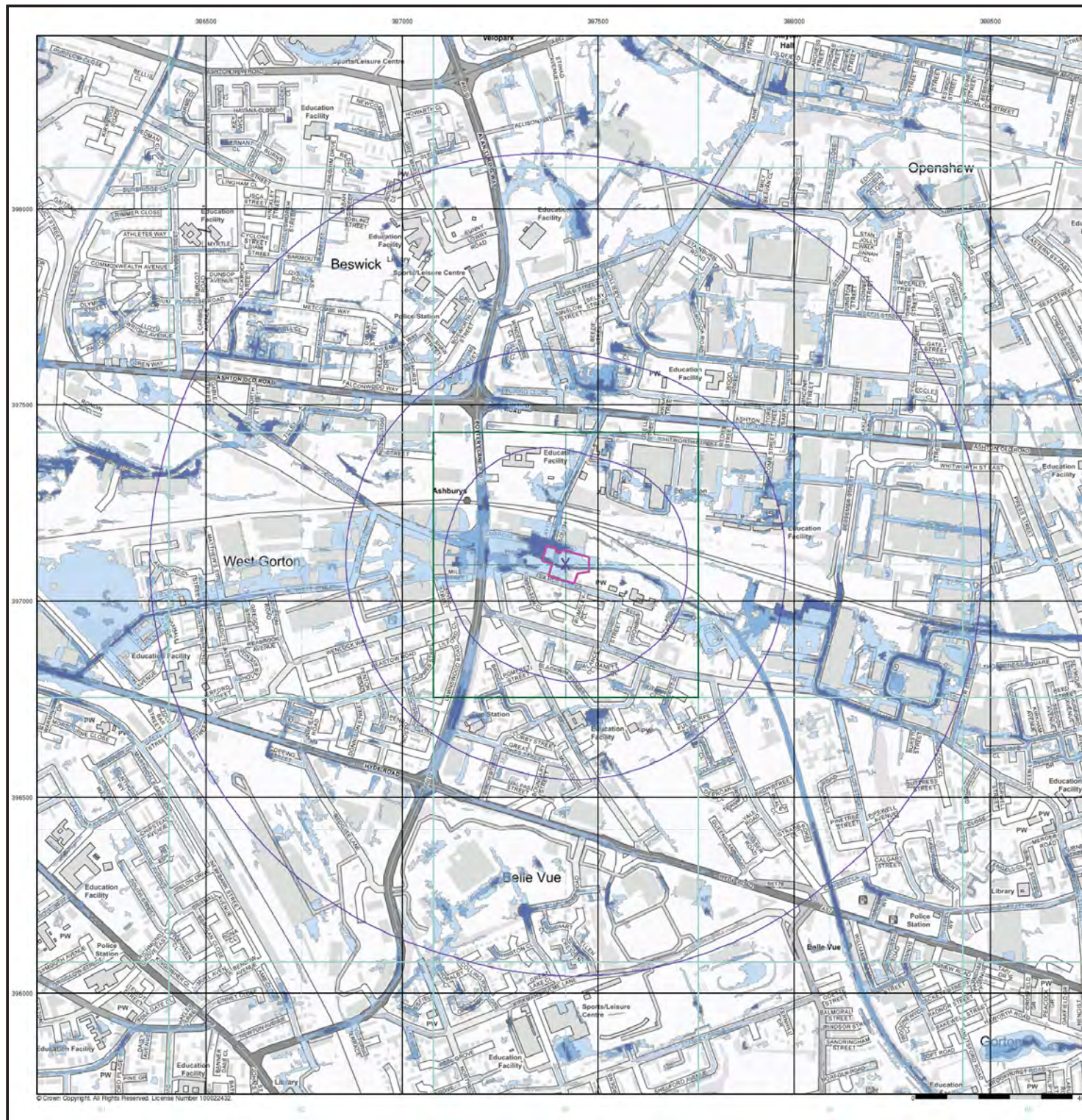


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



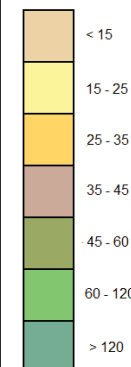
General

● Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

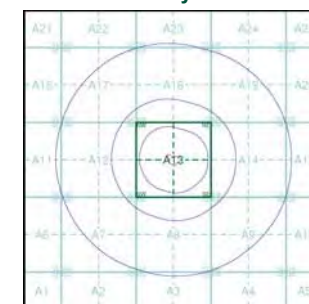
Urban Soil Chemistry Arsenic

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Arsenic Concentrations mg/kg



Urban Soil Chemistry Arsenic - Slice A

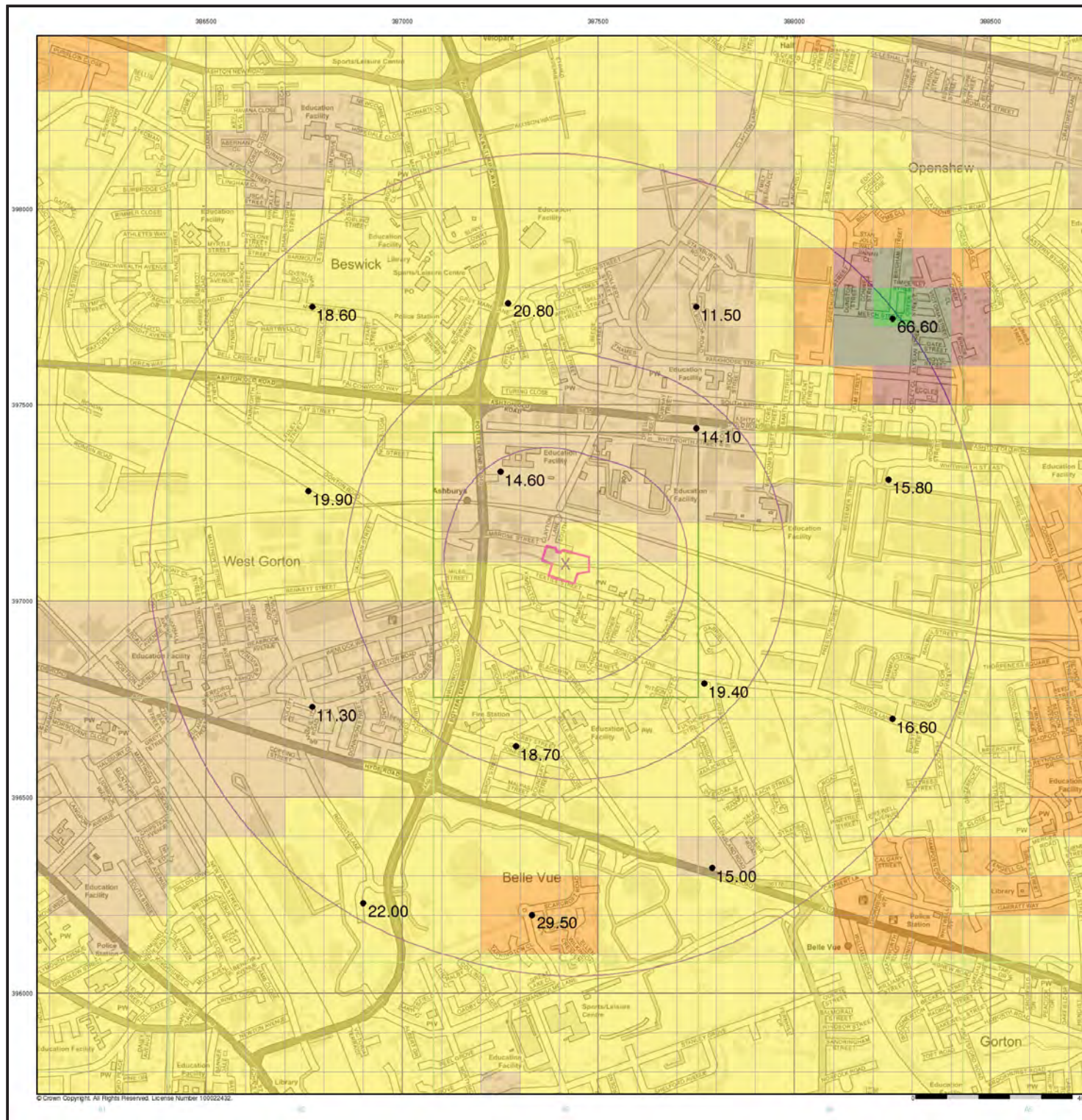


Order Details

Order Details: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

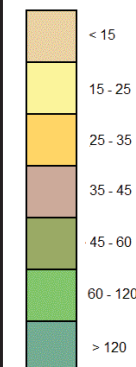


General

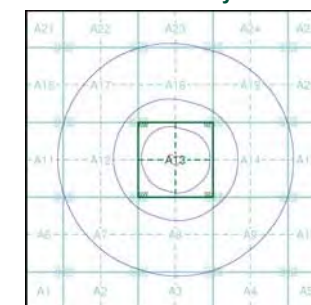
X Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

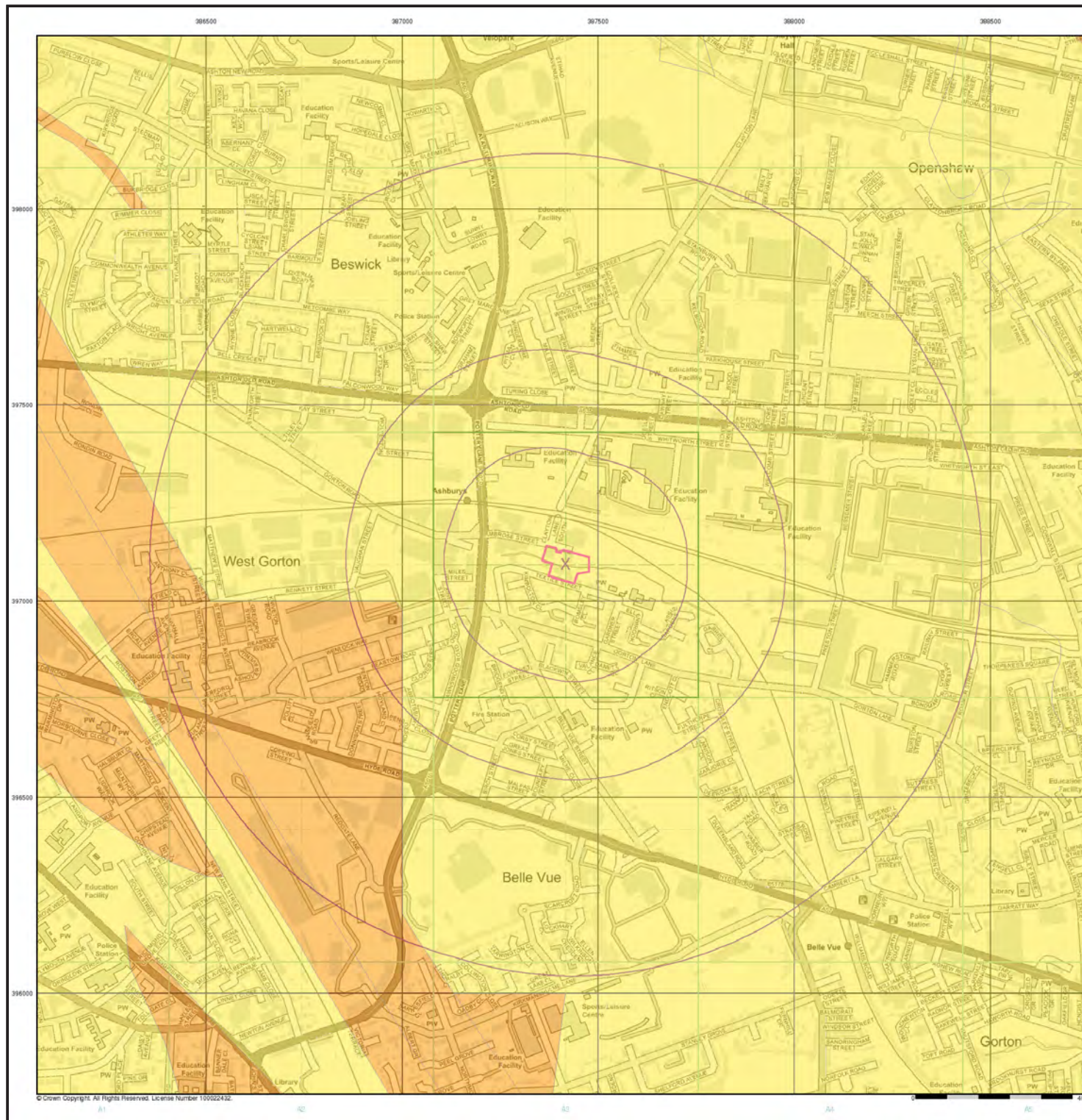


Order Details

Order Details: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search buffer (m): 1000

Site Details

J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

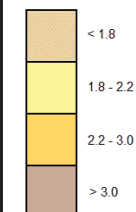


General

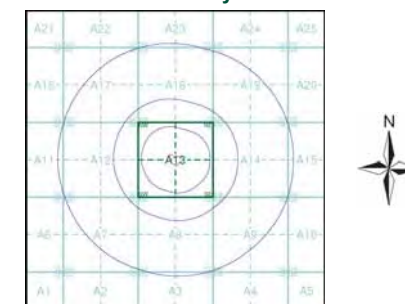
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

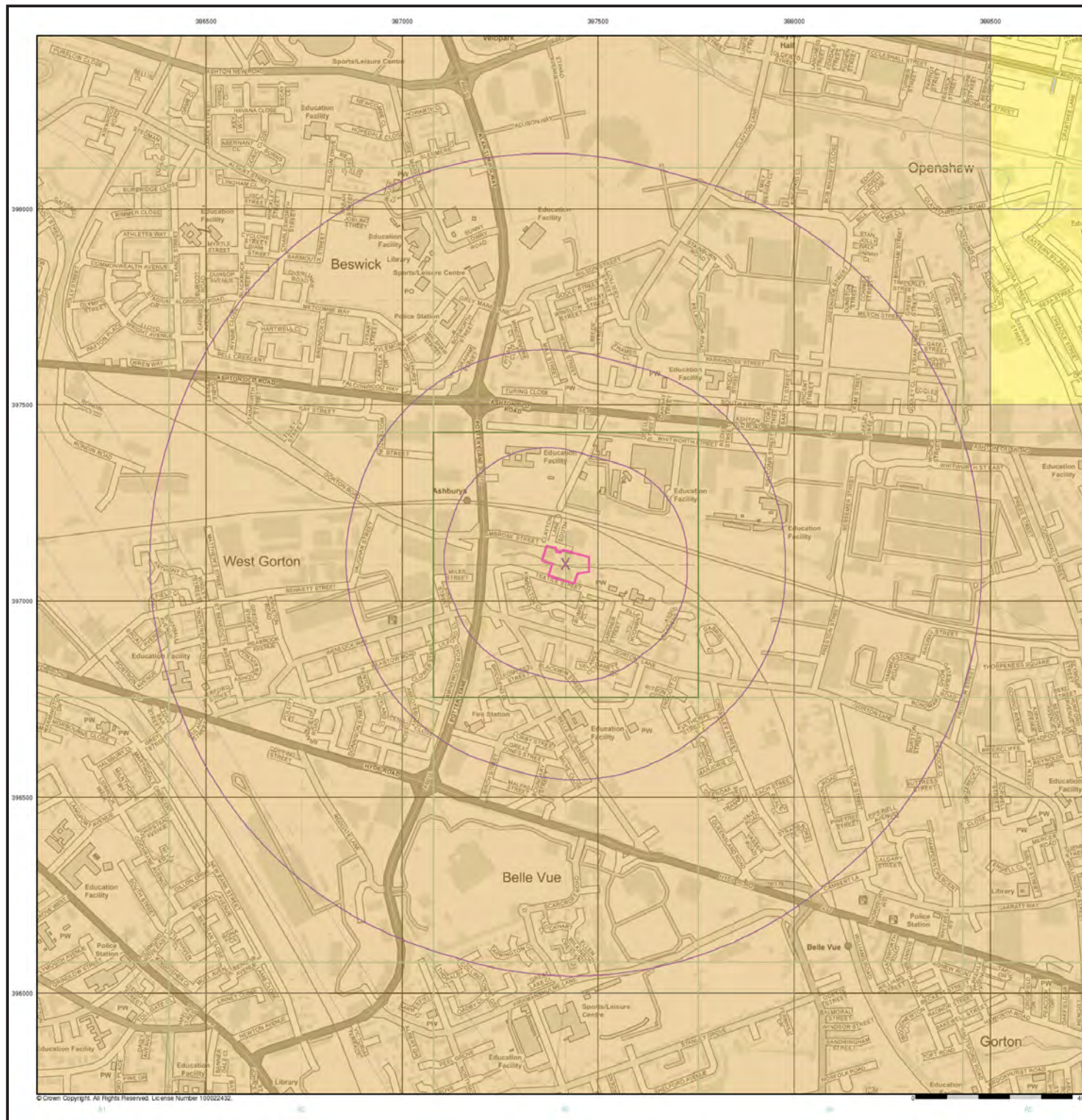


Order Details

Order Details: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search buffer (m): 1000

Site Details

J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



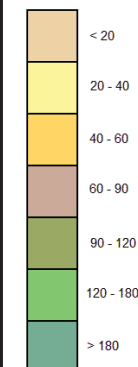
General

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

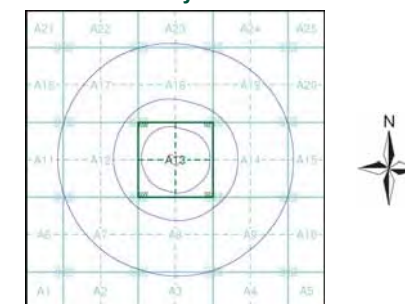
Urban Soil Chemistry Chromium

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Chromium Concentrations mg/kg



Urban Soil Chemistry Chromium - Slice A

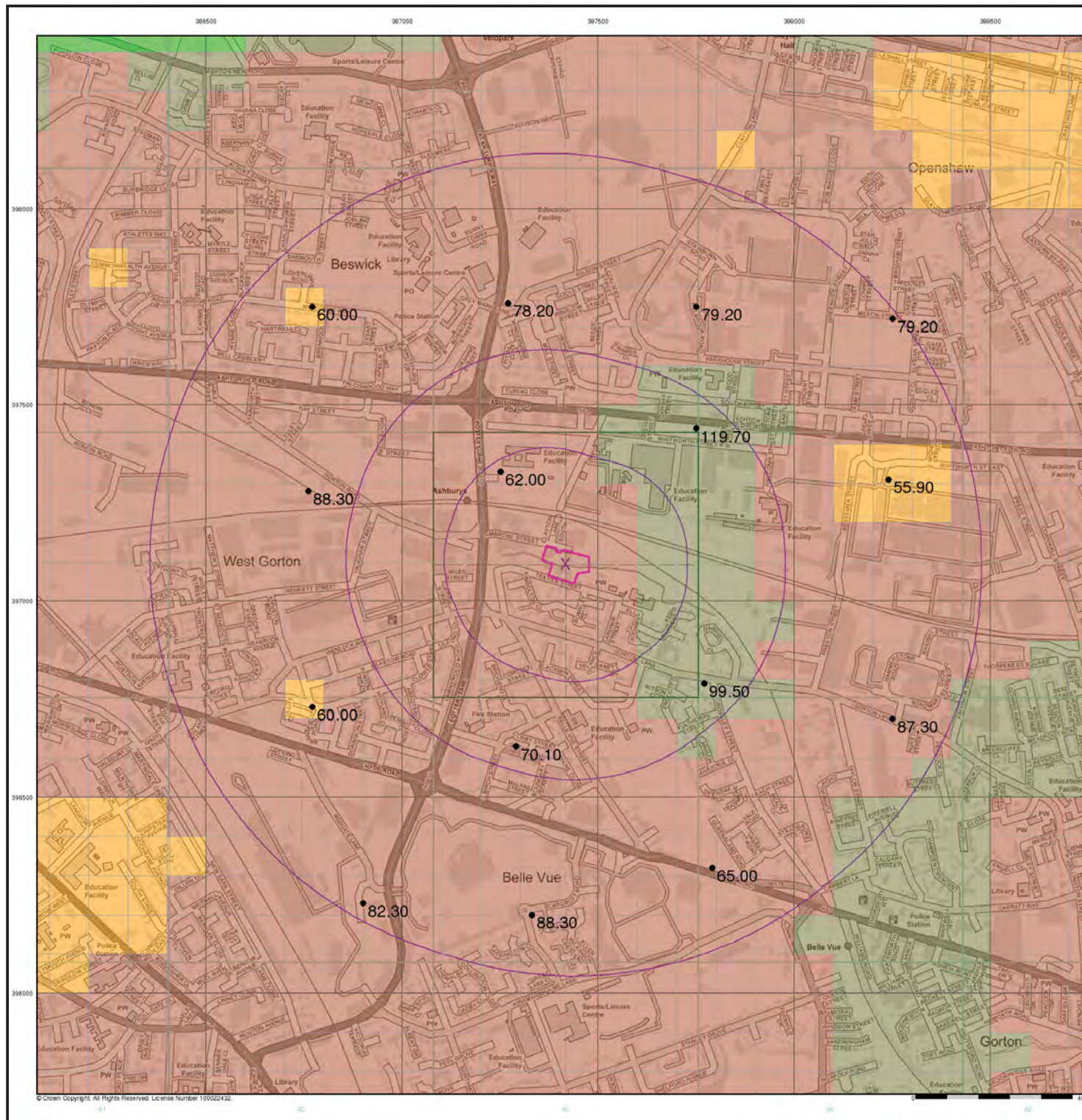


Order Details

Order Details: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

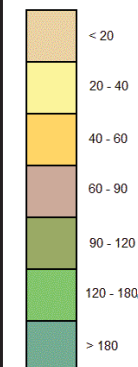


General

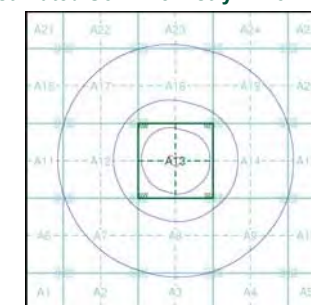
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search buffer (m): 1000

Site Details

J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



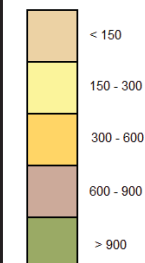
General

● Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

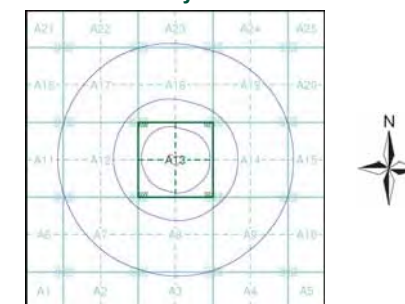
Urban Soil Chemistry Lead

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Lead Concentrations mg/kg



Urban Soil Chemistry Lead - Slice A

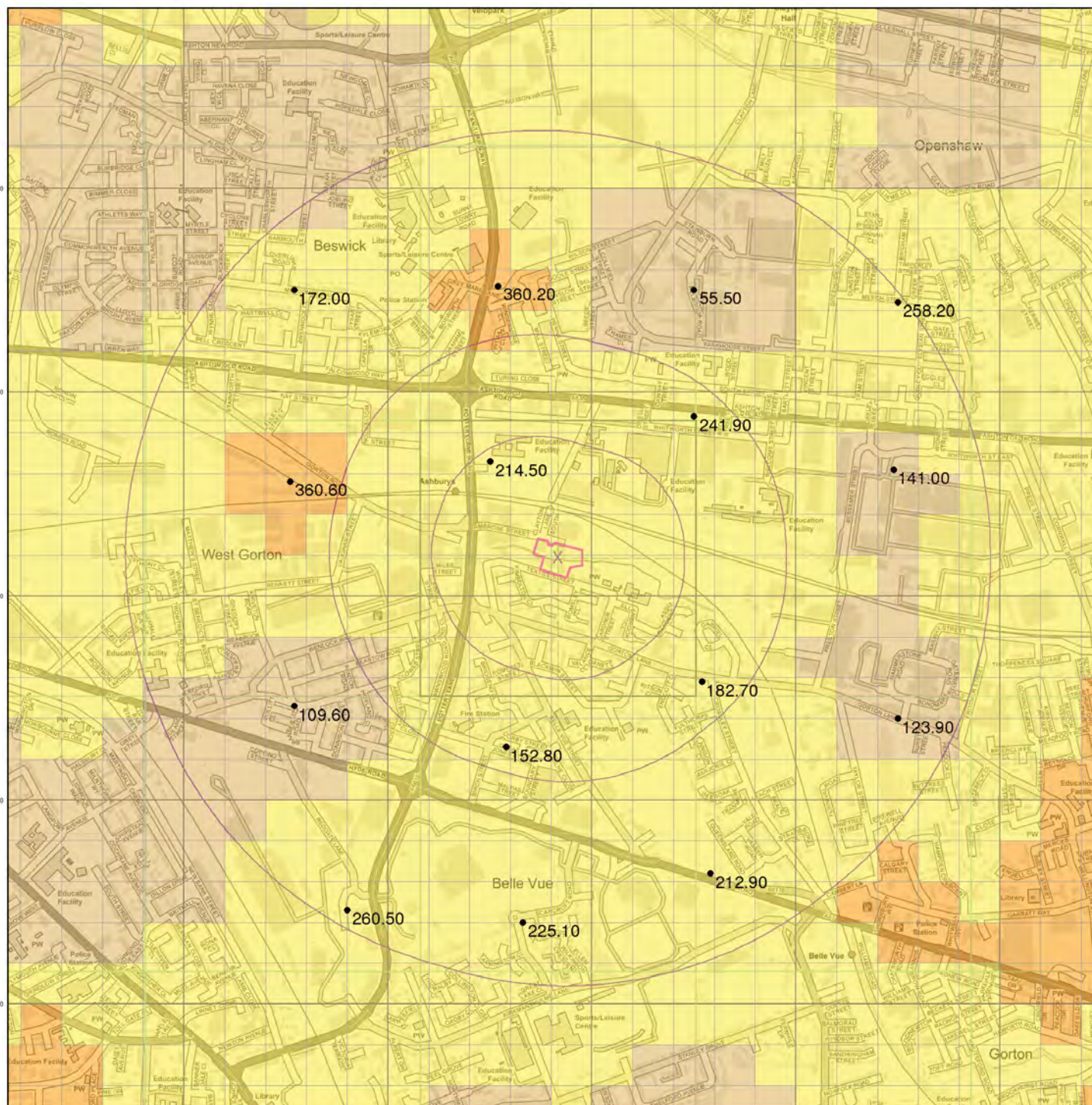


Order Details

Order Details: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

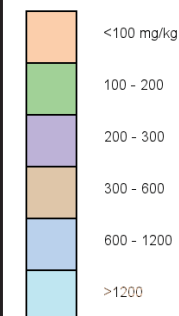


General

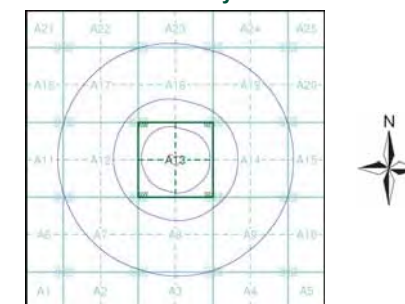
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

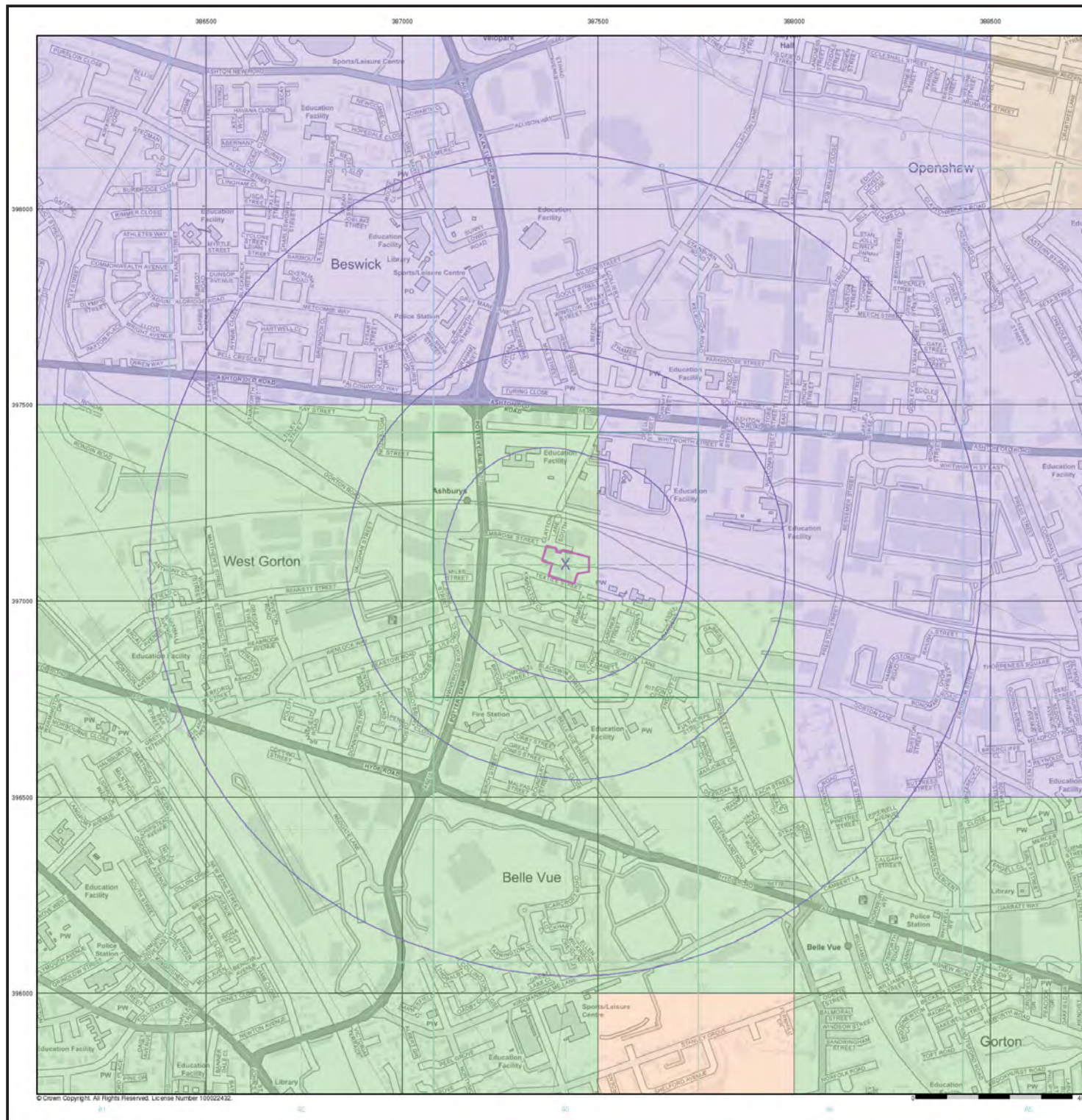


Order Details

Order Details: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



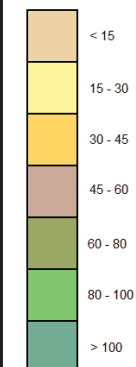
General

● Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

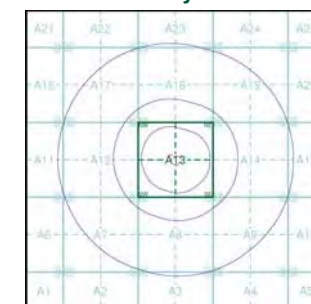
Urban Soil Chemistry Nickel

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Nickel Concentrations mg/kg



Urban Soil Chemistry Nickel - Slice A

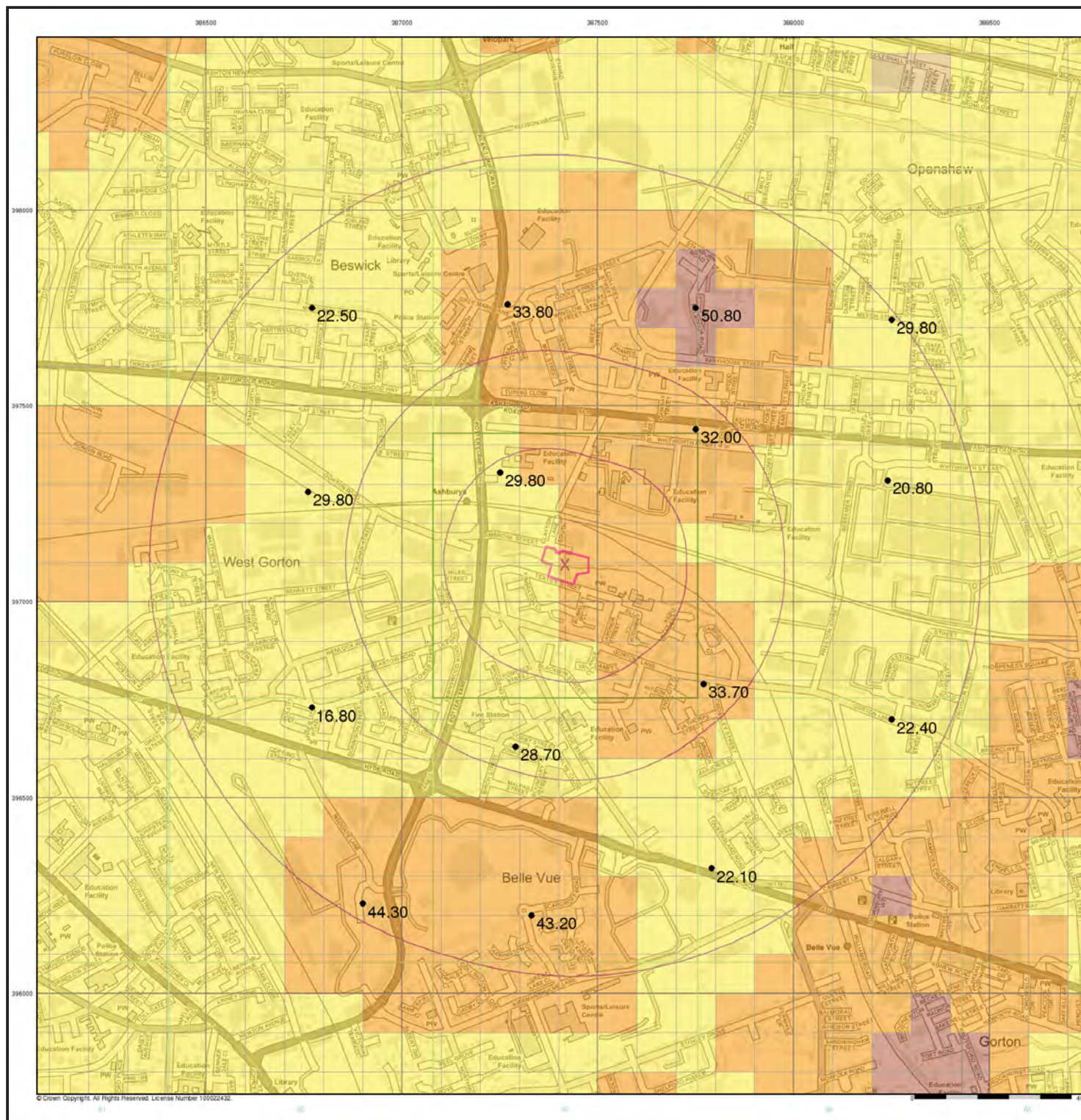


Order Details

Order Details: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

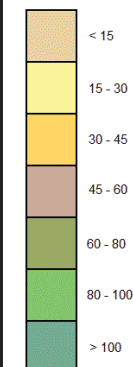


General

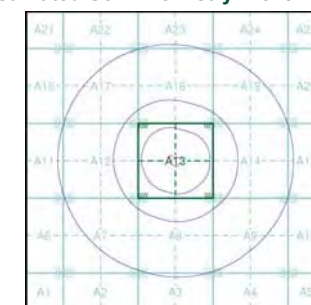
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

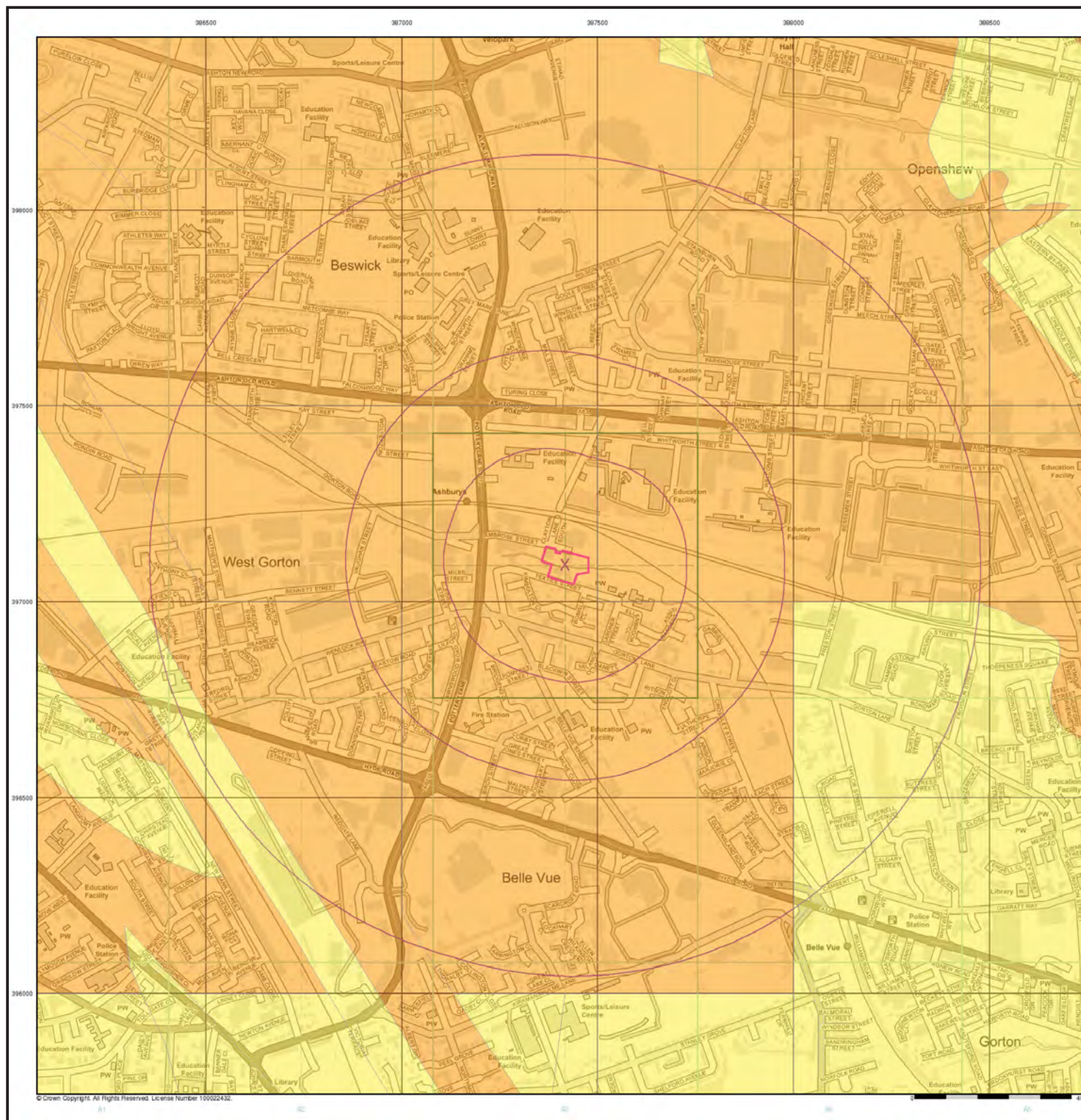


Order Details

Order Details: 273059843_1_1
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Site Details

J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



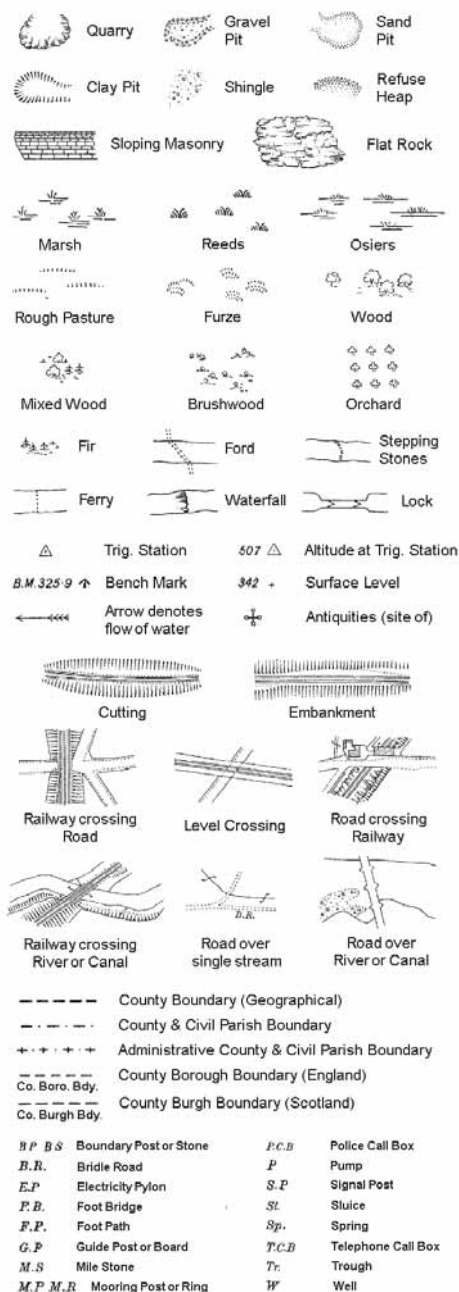


APPENDIX III

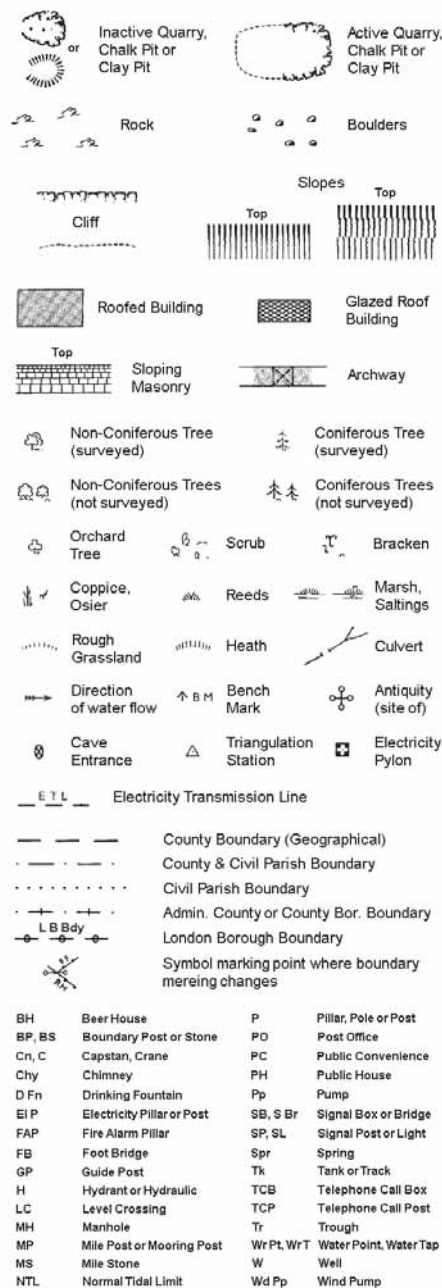
HISTORICAL MAP EXTRACTS

Historical Mapping Legends

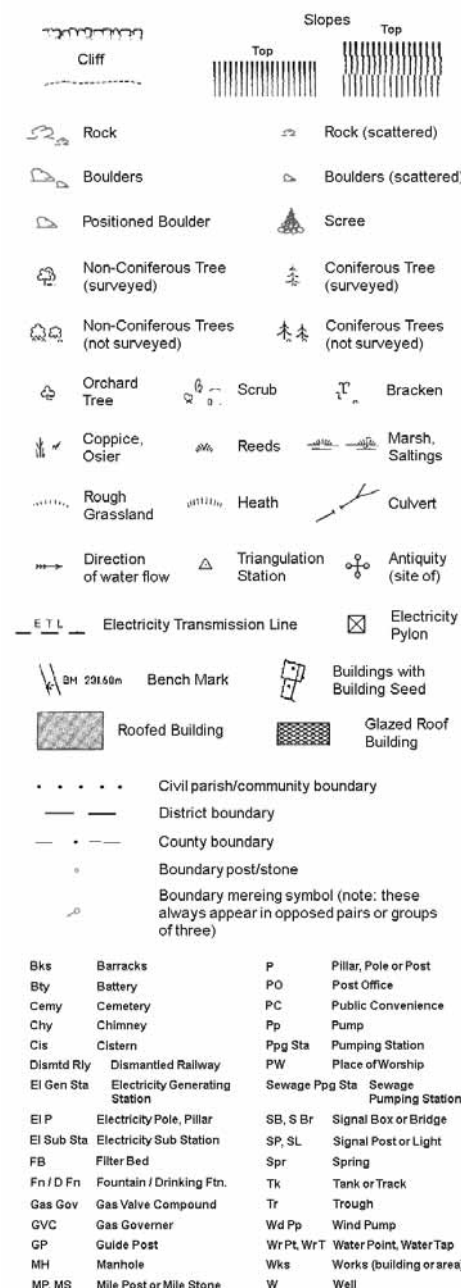
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



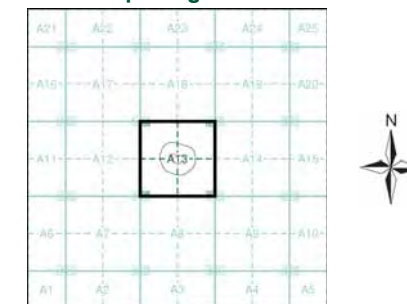
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:2,500	1893	2
Lancashire And Furness	1:2,500	1908	3
Lancashire And Furness	1:2,500	1933	4
Ordnance Survey Plan	1:1,250	1948 - 1950	5
Ordnance Survey Plan	1:2,500	1951	6
Ordnance Survey Plan	1:1,250	1957 - 1979	7
Ordnance Survey Plan	1:2,500	1964 - 1967	8
Supply of Unpublished Survey Information	1:1,250	1975 - 1976	9
Additional SIMs	1:1,250	1977 - 1980	10
Ordnance Survey Plan	1:1,250	1982 - 1990	11
Additional SIMs	1:1,250	1985 - 1991	12
Additional SIMs	1:1,250	1991 - 1992	13
Large-Scale National Grid Data	1:1,250	1992	14
Large-Scale National Grid Data	1:1,250	1993 - 1994	15
Large-Scale National Grid Data	1:1,250	1995	16
Large-Scale National Grid Data	1:1,250	1996	17
Large-Scale National Grid Data	1:1,250	1996	18
Large-Scale National Grid Data	1:1,250	1996	19
Historical Aerial Photography	1:2,500	2000	20

Historical Map - Segment A13



Order Details

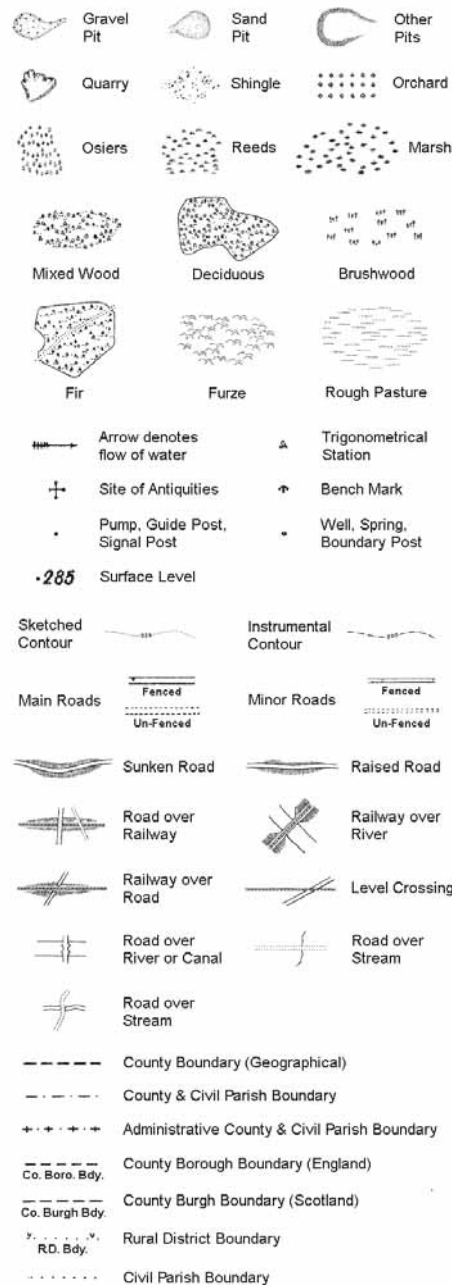
Order Number: 273059843_1_1
Customer Ref: 317-20-365
National Grid Reference: 387420, 397100
Slice: A
Site Area (Ha): 0.71
Search Buffer (m): 100

Site Details

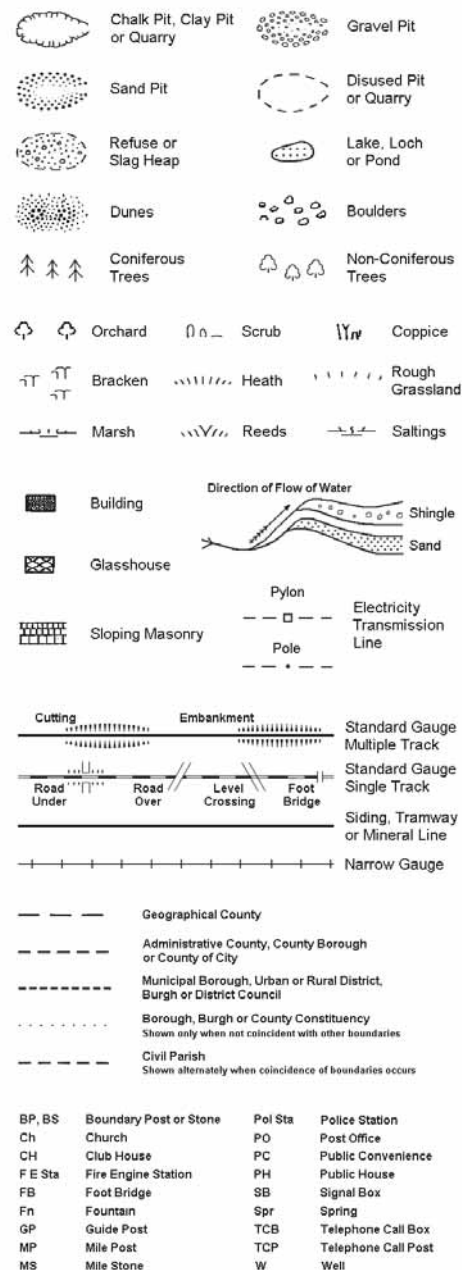
J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

Historical Mapping Legends

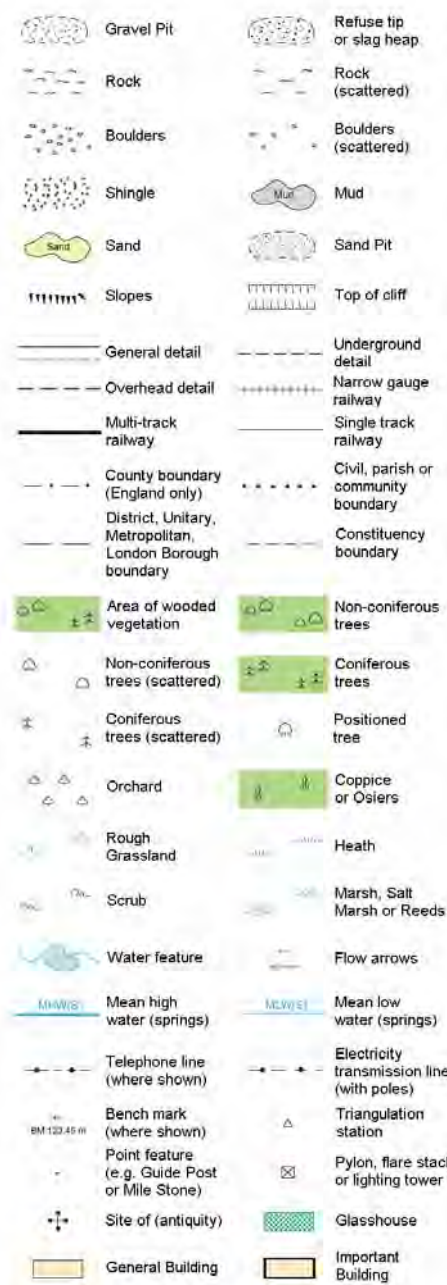
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



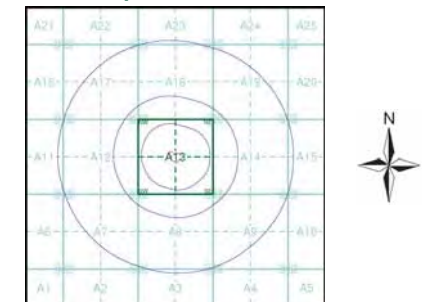
1:10,000 Raster Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848	3
Cheshire	1:10,560	1882	4
Lancashire And Furness	1:10,560	1894	5
Cheshire	1:10,560	1899	6
Lancashire And Furness	1:10,560	1909	7
Cheshire	1:10,560	1911	8
Lancashire And Furness	1:10,560	1923	9
Lancashire And Furness	1:10,560	1932 - 1933	10
Cheshire	1:10,560	1938	11
Lancashire And Furness	1:10,560	1938	12
Ordnance Survey Plan	1:10,000	1956	13
Ordnance Survey Plan	1:10,000	1968	14
Manchester	1:25,000	1975	15
Ordnance Survey Plan	1:10,000	1981	16
Ordnance Survey Plan	1:10,000	1987	17
Ordnance Survey Plan	1:10,000	1993	18
10K Raster Mapping	1:10,000	1999	19
10K Raster Mapping	1:10,000	2006	20
VectorMap Local	1:10,000	2020	21

Historical Map - Slice A



Order Details

Order Number: 273059843_1_1
Customer Ref: 317-20-365
National Grid Reference: 387420, 397100
Slice: A
Site Area (Ha): 0.71
Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

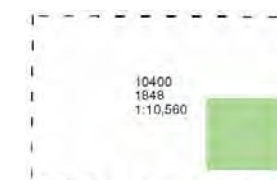
Lancashire And Furness

Published 1848

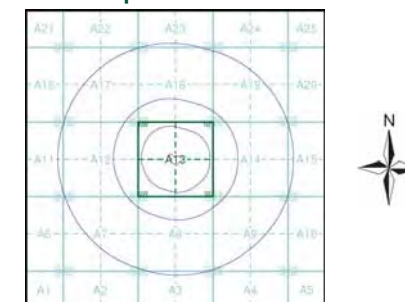
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

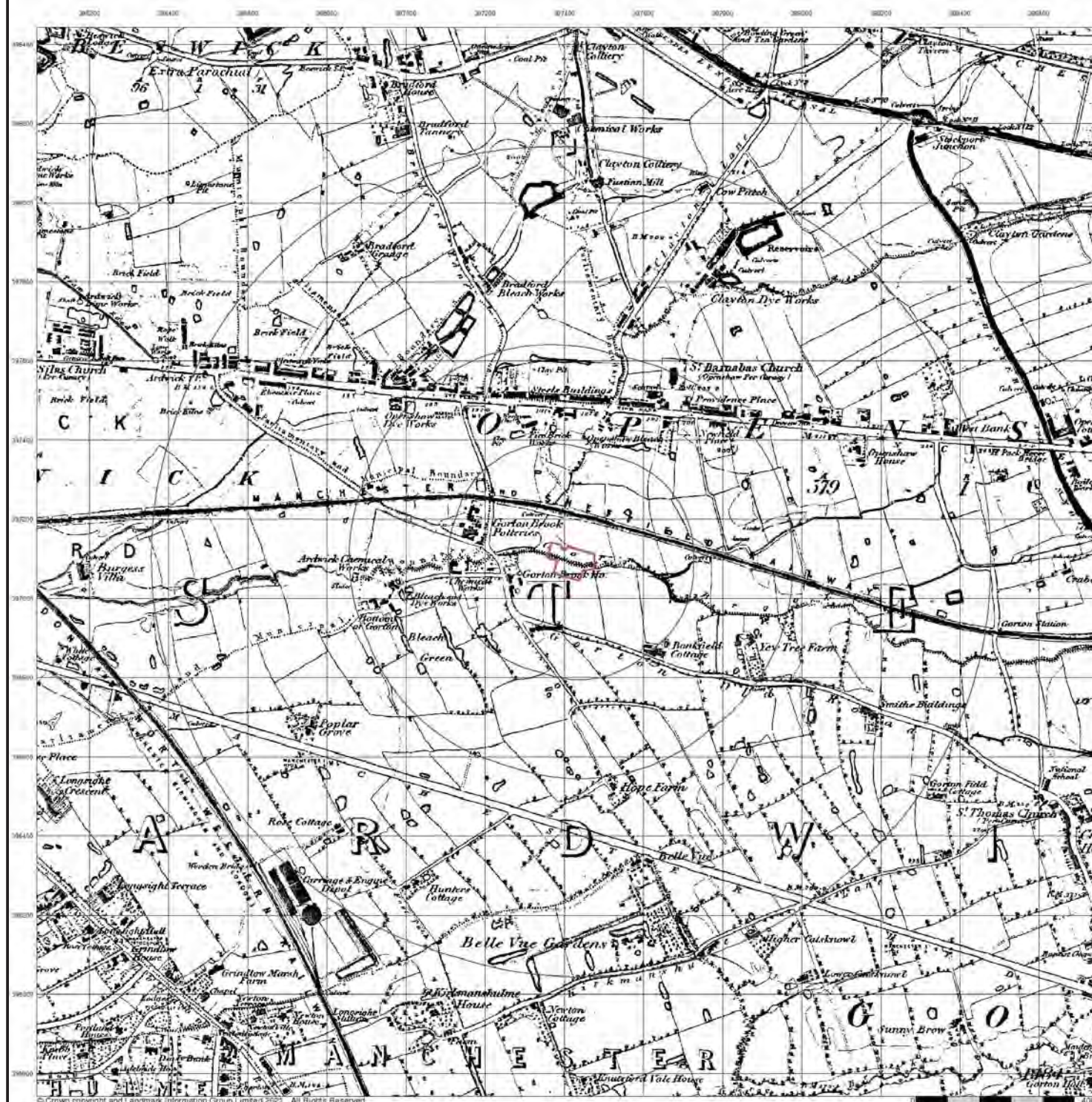


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



Lancashire And Furness

Published 1891

Source map scale - 1:500

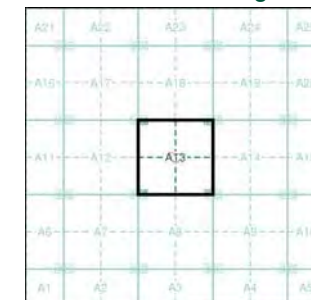
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to complement the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

104_12_011	104_12_012
1891	1891
1:500	1:500
104_12_016	104_12_017
1891	1891
1:500	1:500
104_12_021	104_12_022
1891	1891
1:500	1:500

Historical Town Plan - Segment A13

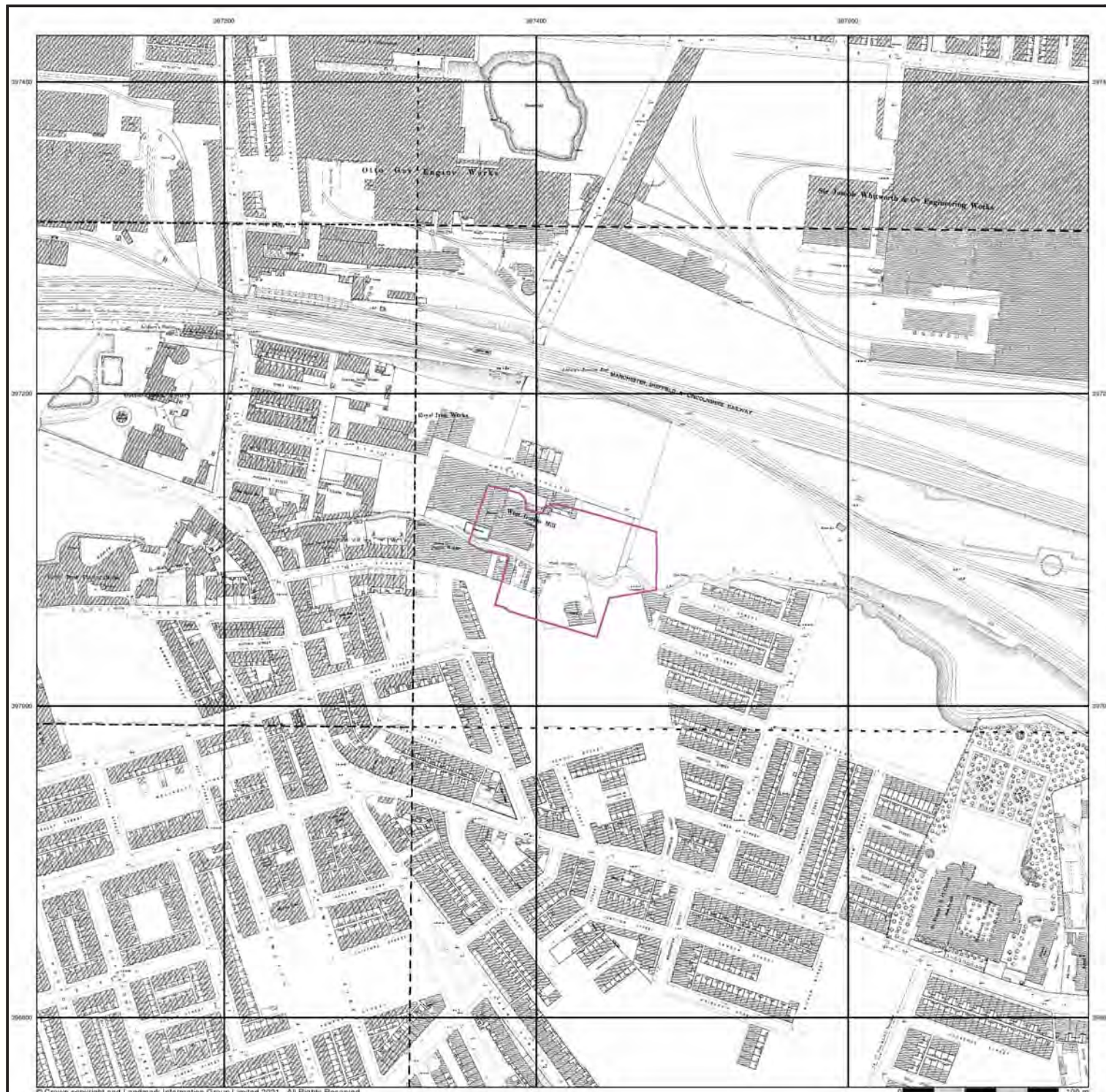


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 0

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



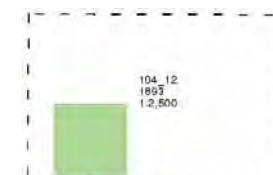
Lancashire And Furness

Published 1893

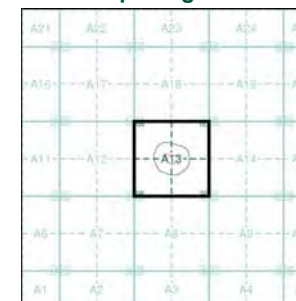
Source map scale - 1:2,500

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 A13



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



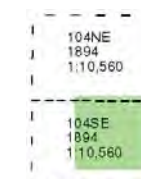
Lancashire And Furness

Published 1894

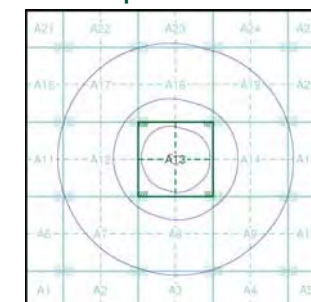
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



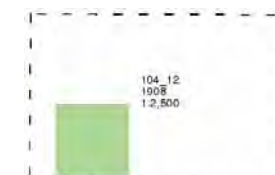
Lancashire And Furness

Published 1908

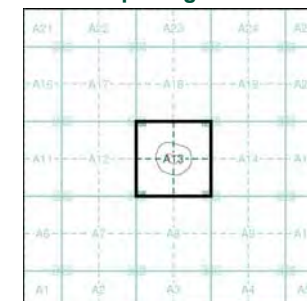
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



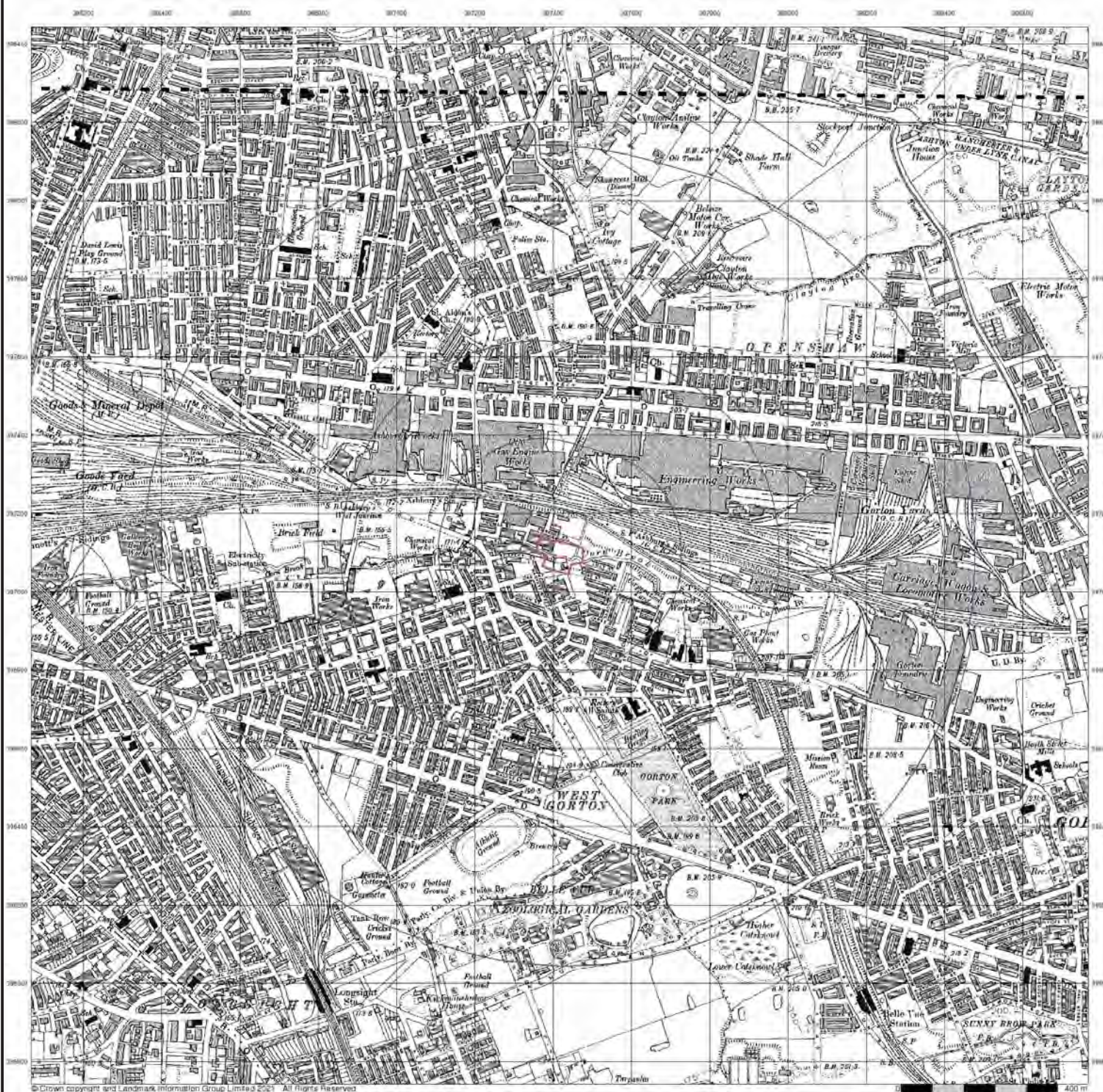
Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

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LANDMARK INFORMATION GROUP®

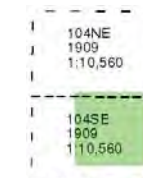
Lancashire And Furness

Published 1909

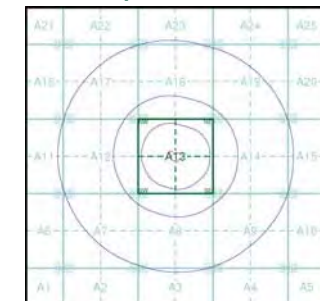
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1954 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: 273059843_1_1
Customer Ref: 317-20-365
National Grid Reference: 387420, 397100
Slice: A
Site Area (Ha): 0.71
Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

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

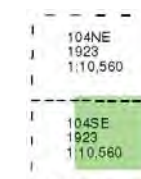
Lancashire And Furness

Published 1923

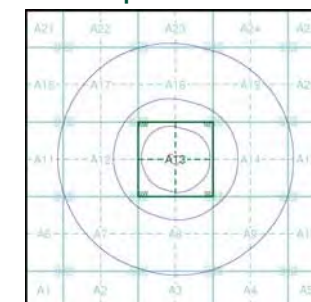
Source map scale - 1:10,560

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

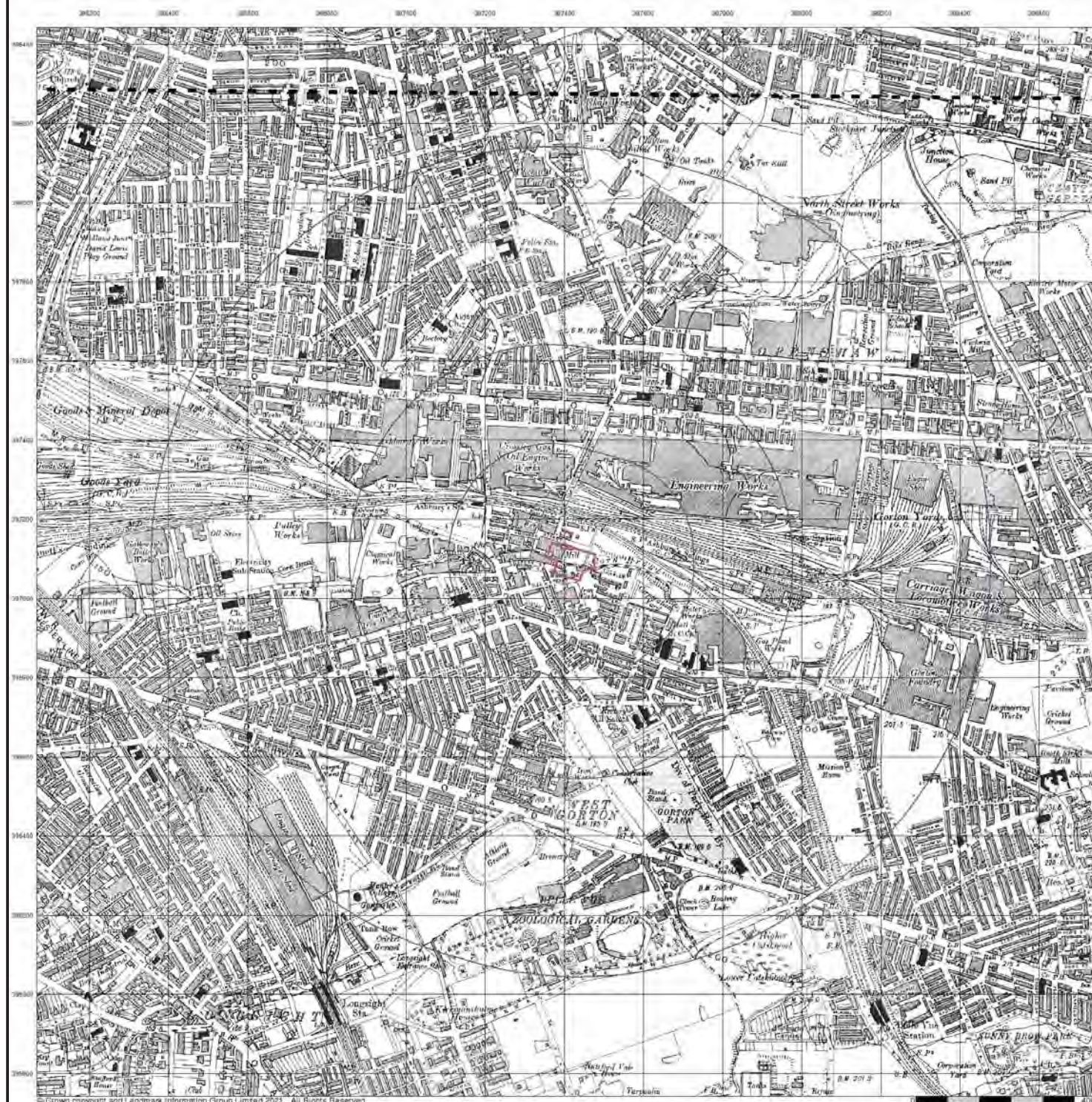


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



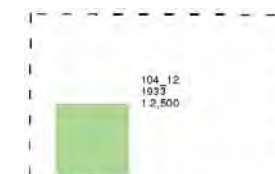
Lancashire And Furness

Published 1933

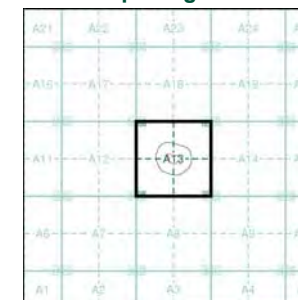
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13

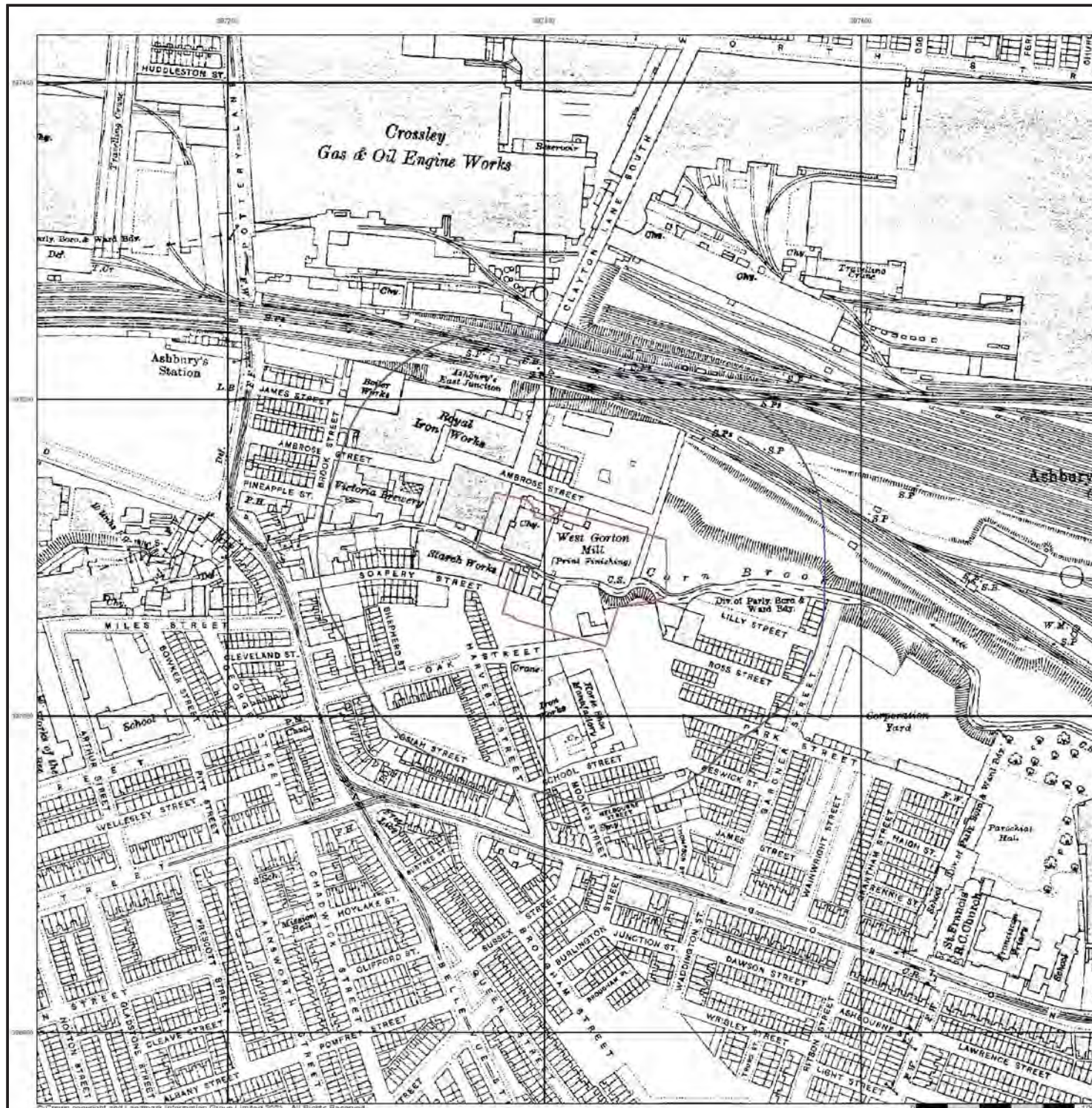


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

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Lancashire And Furness

Published 1932 - 1933

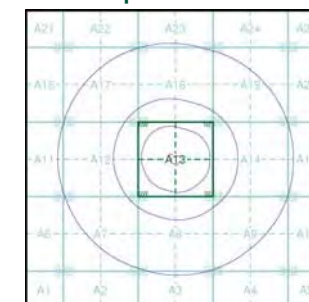
Source map scale - 1:10,560

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)

104NE	1932	1:10,560
104SE	1933	1:10,560

Historical Map - Slice A



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



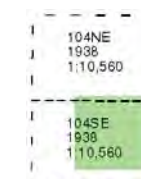
Lancashire And Furness

Published 1938

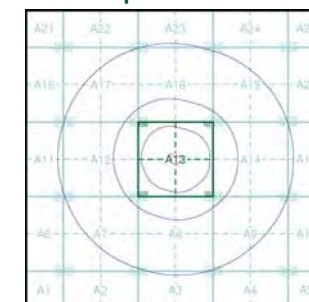
Source map scale - 1:10,560

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: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1948 - 1950

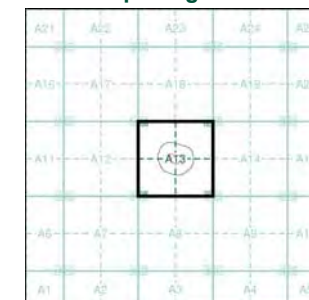
Source map scale - 1:1,250

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)

SJ8797SW	SJ8797SE
1948	1949
1:1,250	1:1,250
SJ8798NW	SJ8798NE
1950	1950
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J. Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



Ordnance Survey Plan

Published 1951

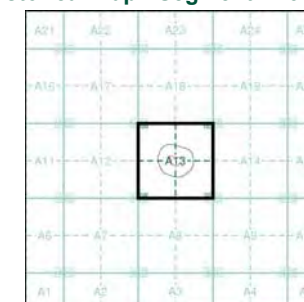
Source map scale - 1:2,500

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)

SJ8797	1951
1:2,500	
SJ8796	1951
1:2,500	

Historical Map - Segment A13

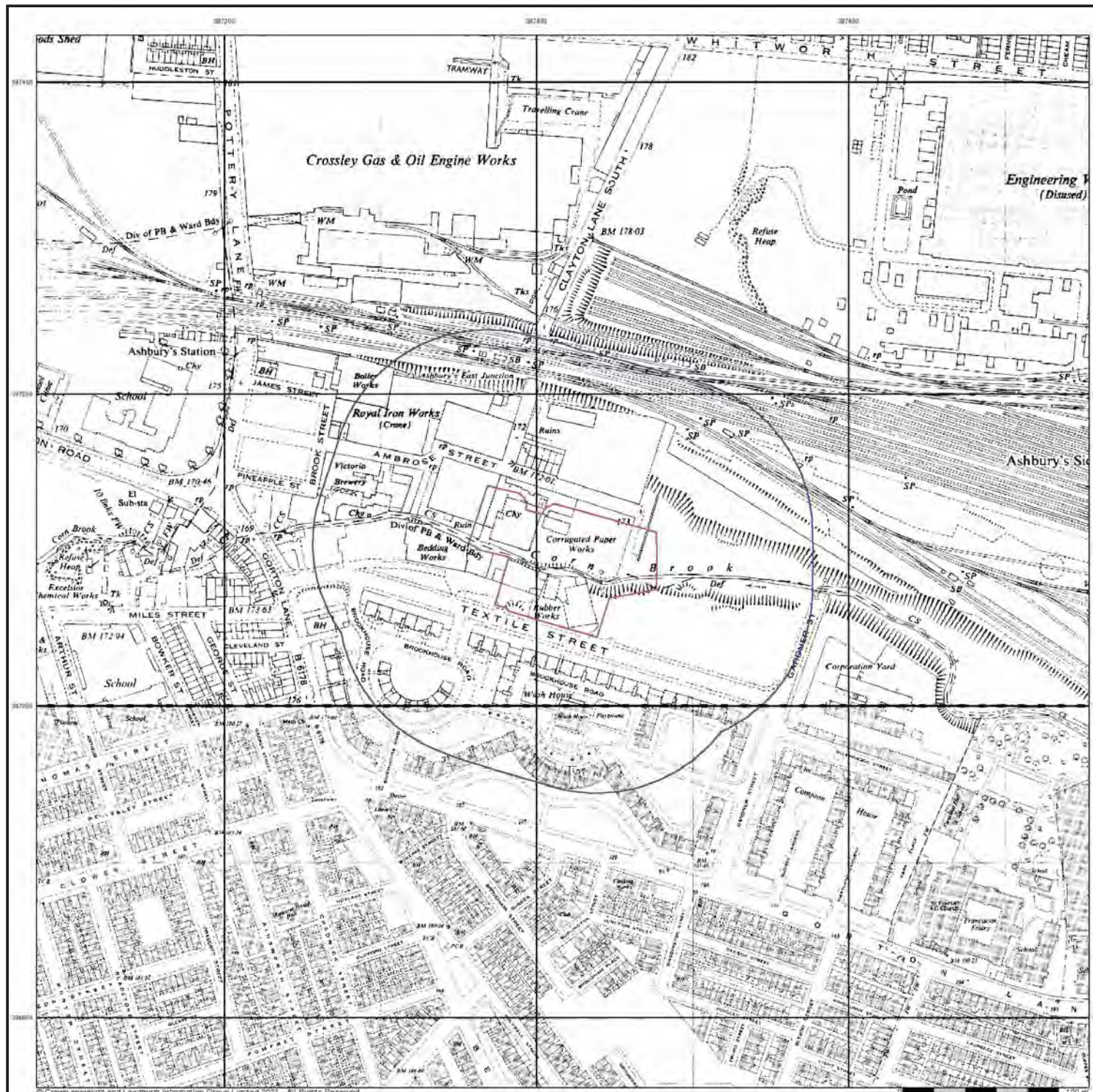


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

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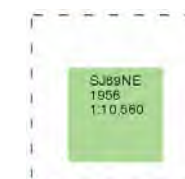
Ordnance Survey Plan

Published 1956

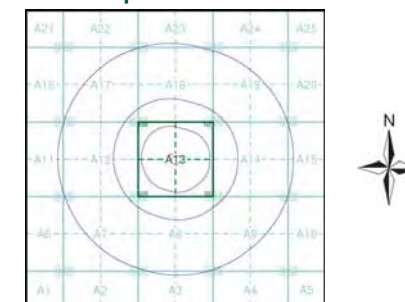
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

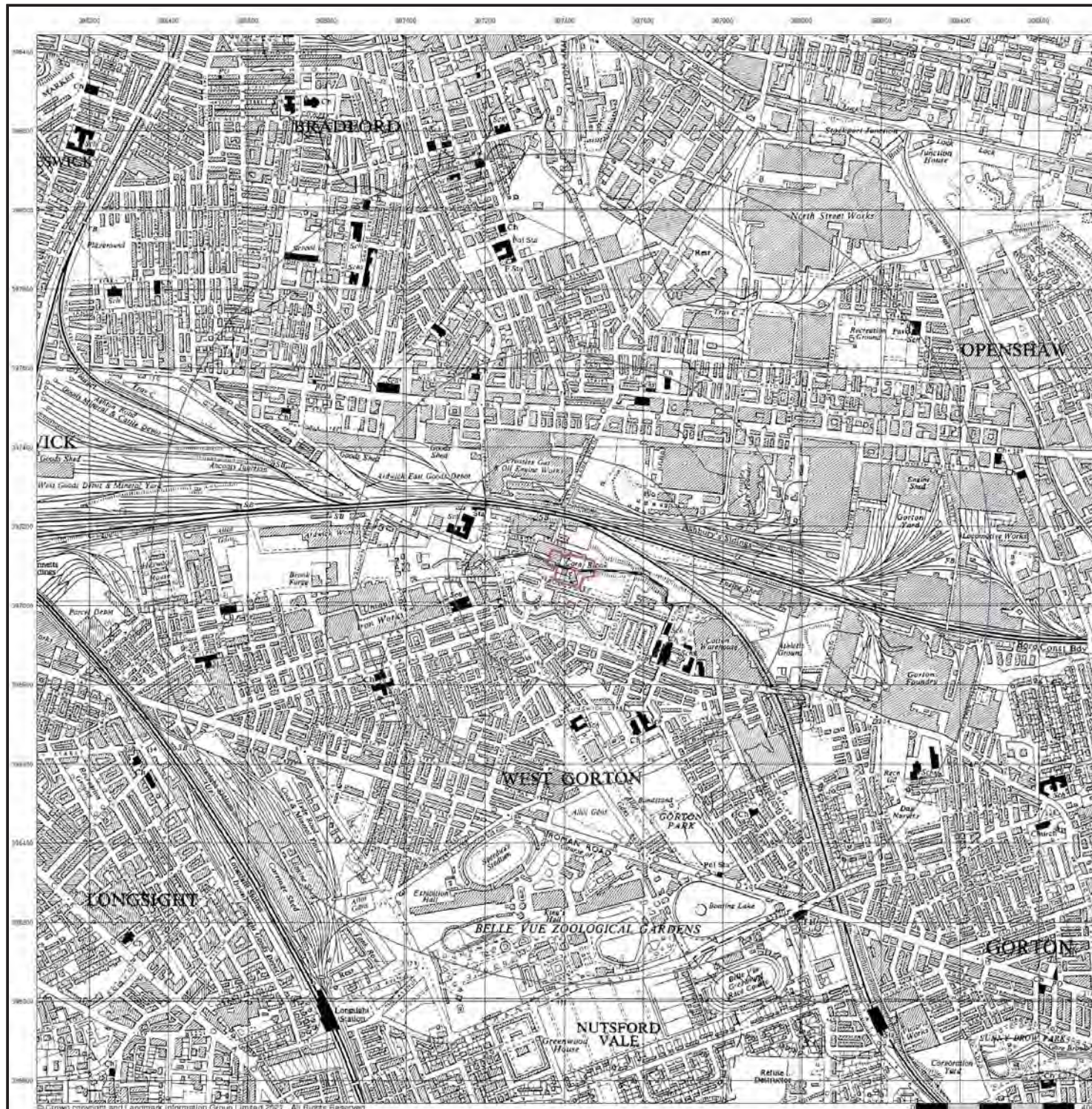


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



Ordnance Survey Plan

Published 1957 - 1979

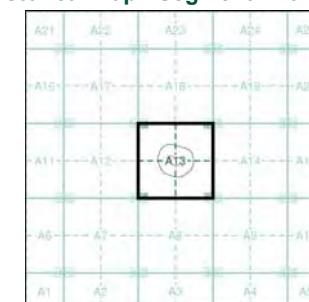
Source map scale - 1:1,250

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)

SJ8797SW	SJ8797SE
1957	1963
1:1,250	1:1,250
SJ8798NW	SJ8798NE
1979	1986
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



Ordnance Survey Plan

Published 1964 - 1967

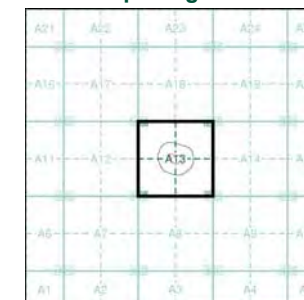
Source map scale - 1:2,500

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)

SL8797	1967
SL8796	1964

Historical Map - Segment A13

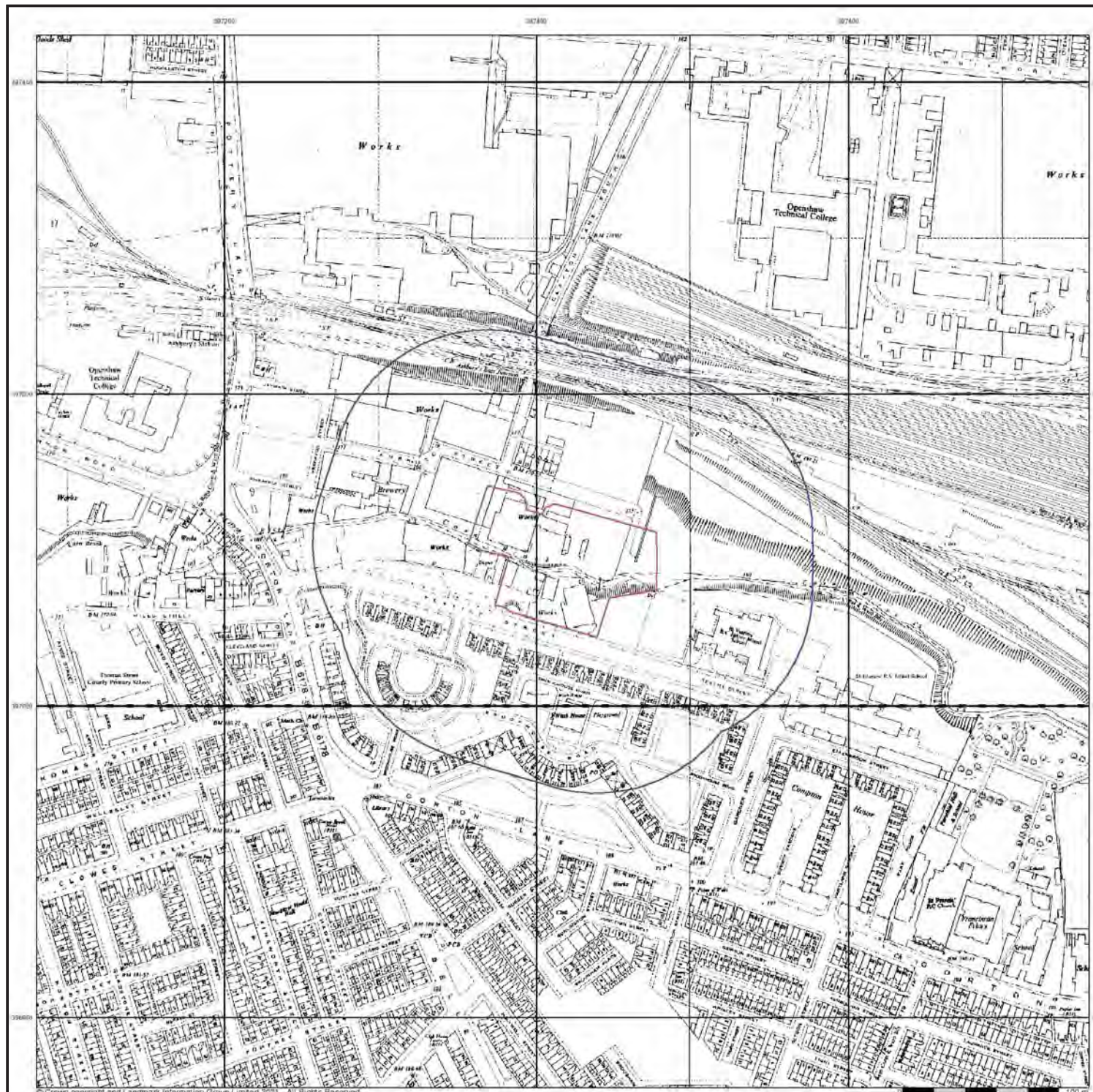


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



Ordnance Survey Plan

Published 1968

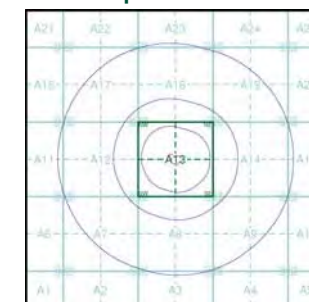
Source map scale - 1:10,000

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: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



Additional SIMs

Published 1977 - 1980

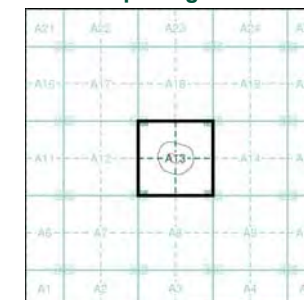
Source map scale - 1:1,250

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)

SJ8797SW 1980 1:1,250	SJ8797SE 1980 1:1,250
SJ8796NW 1977 1:1,250	SJ8796NE 1977 1:1,250

Historical Map - Segment A13



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



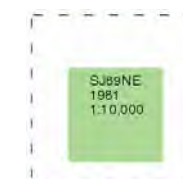
Ordnance Survey Plan

Published 1981

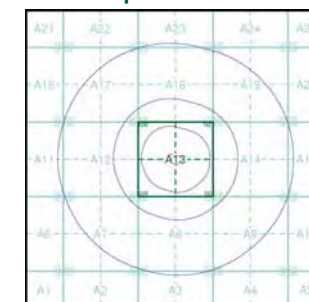
Source map scale - 1:10,000

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

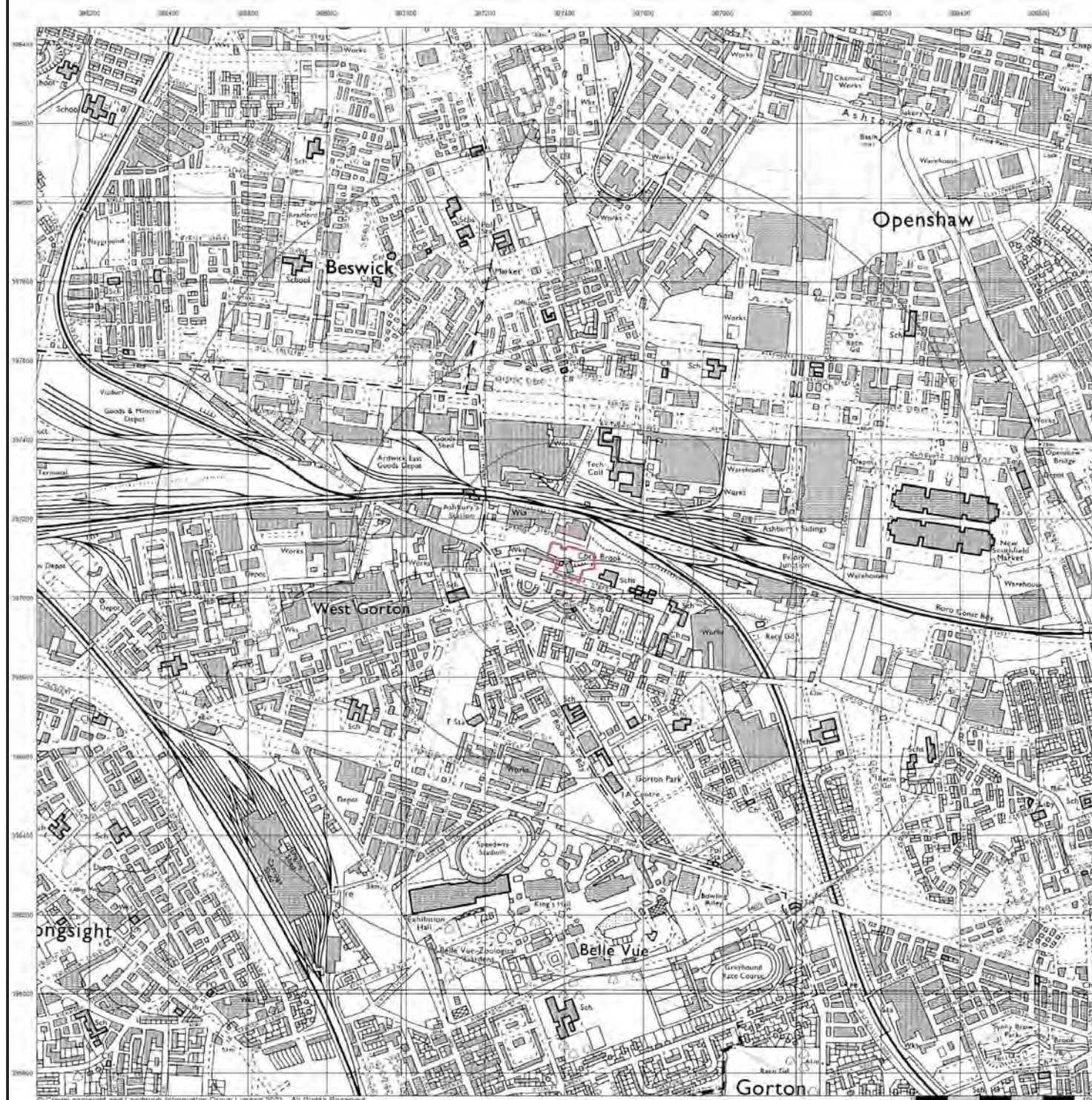


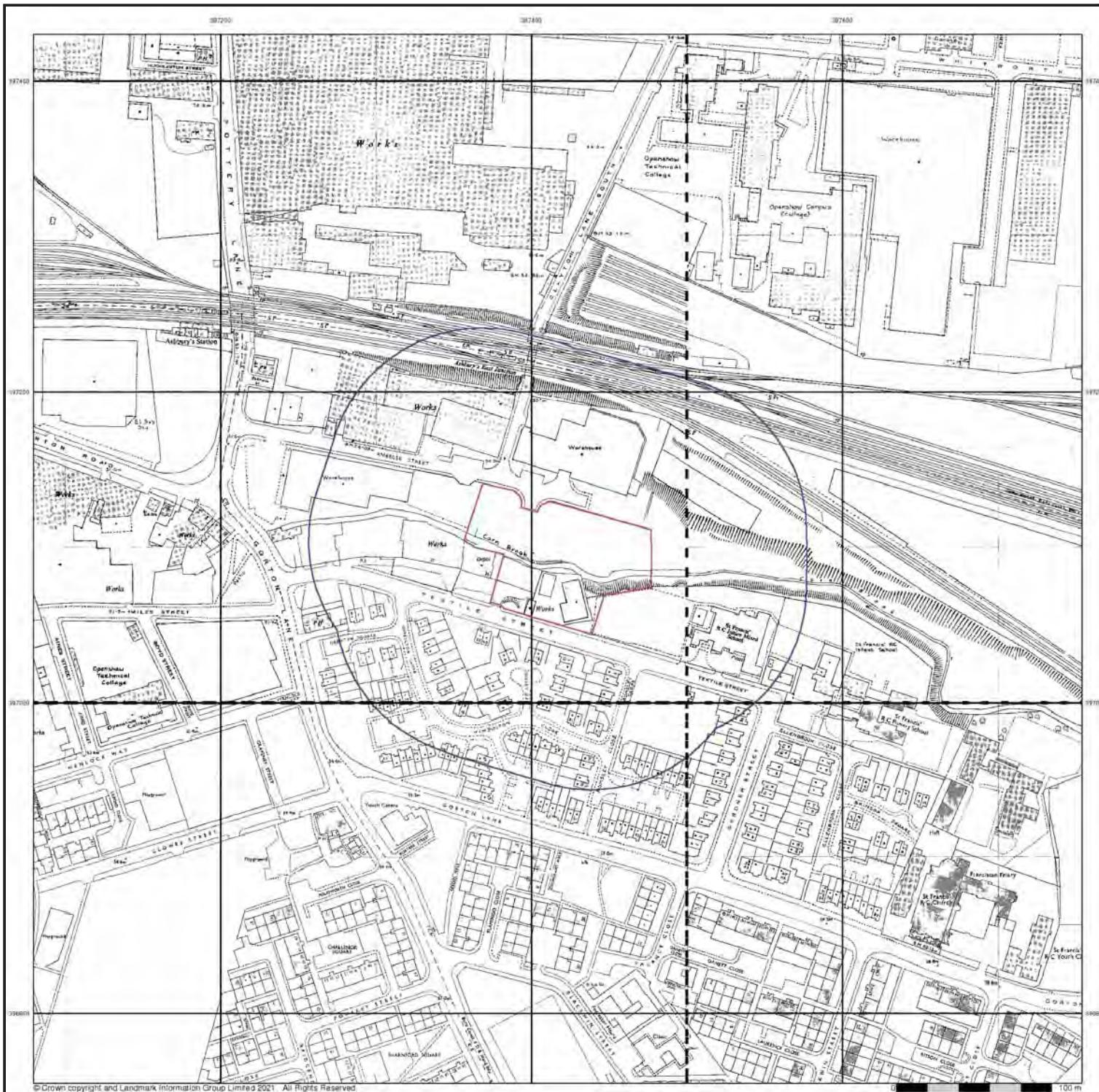
Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ





Envirocheck®

Additional SIMs

Published 1985 - 1991

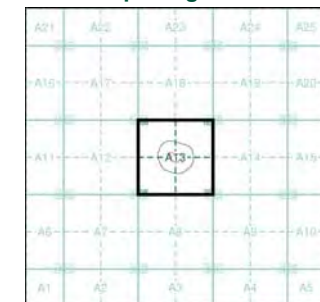
Source map scale - 1:1,250

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)

SJ8797SW 1986 1:1,250	SJ8797SE 1991 1:1,250
SJ8796NW 1985 1:1,250	SJ8796NE 1986 1:1,250

Historical Map - Segment A13



Order Details

Order Number: 273059843_1_1
Customer Ref: 317-20-365
National Grid Reference: 387420, 397100
Slice: A
Site Area (Ha): 0.71
Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

Landmark
INFORMATION GROUP

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

Ordnance Survey Plan

Published 1987

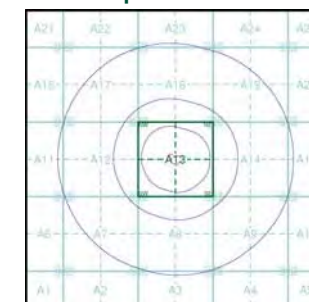
Source map scale - 1:10,000

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

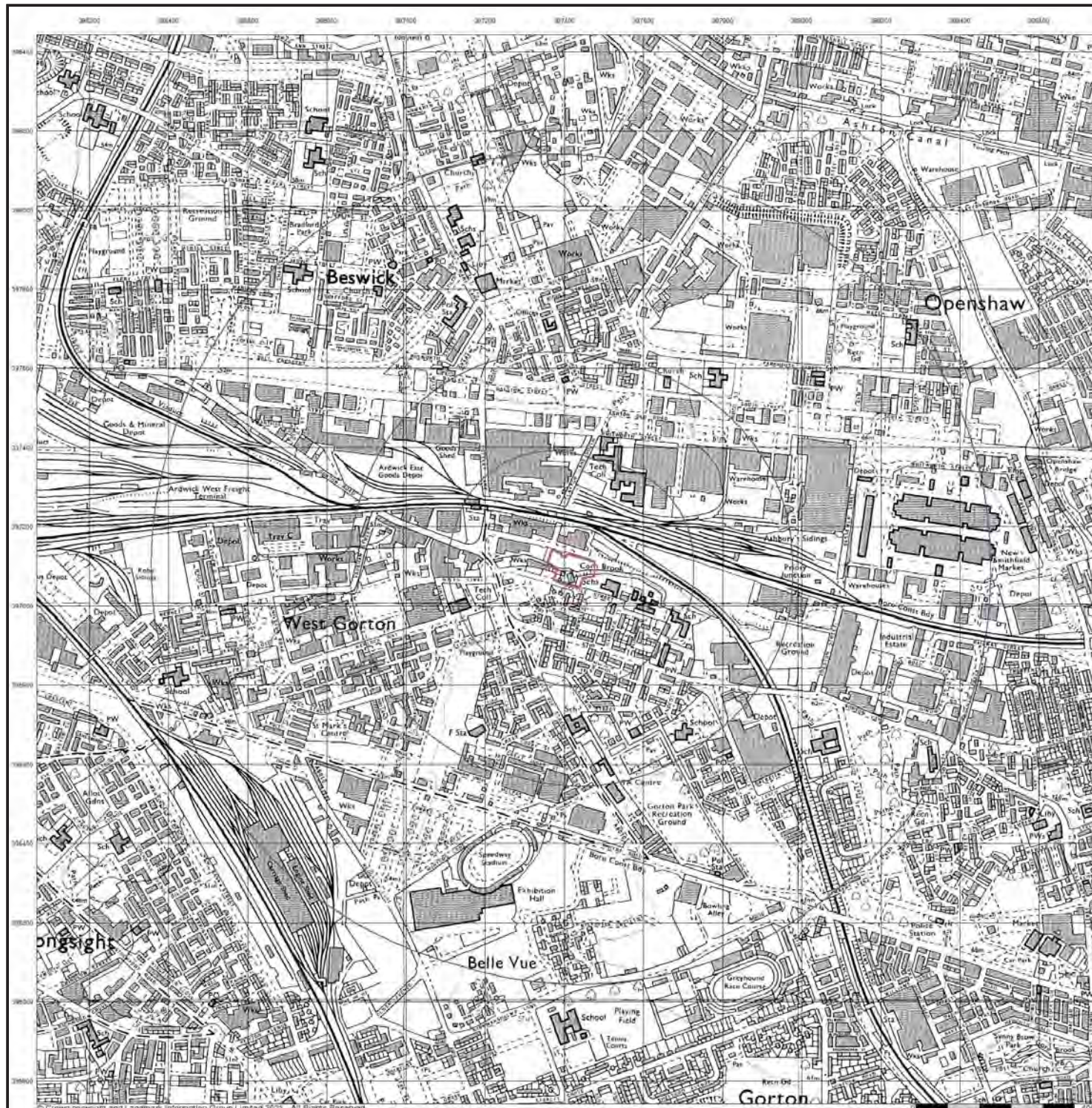


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



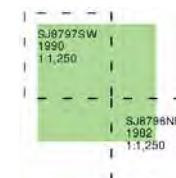
Ordnance Survey Plan

Published 1982 - 1990

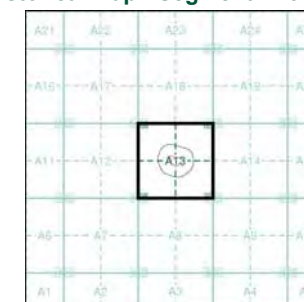
Source map scale - 1:1,250

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 A13



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



Large-Scale National Grid Data

Published 1992

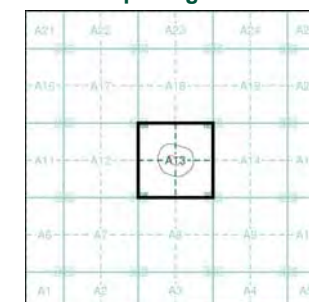
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SJ8797SW	SJ8797SE
1992	1992
1:1,250	1:1,250
SJ8796NW	SJ8796NE
1992	1992
1:1,250	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



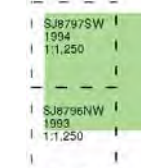
Large-Scale National Grid Data

Published 1993 - 1994

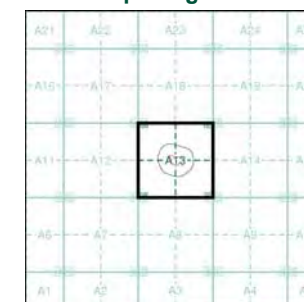
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



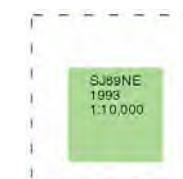
Ordnance Survey Plan

Published 1993

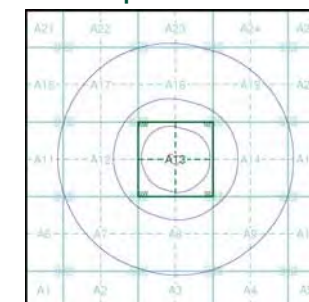
Source map scale - 1:10,000

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)



Historical Map - Slice A

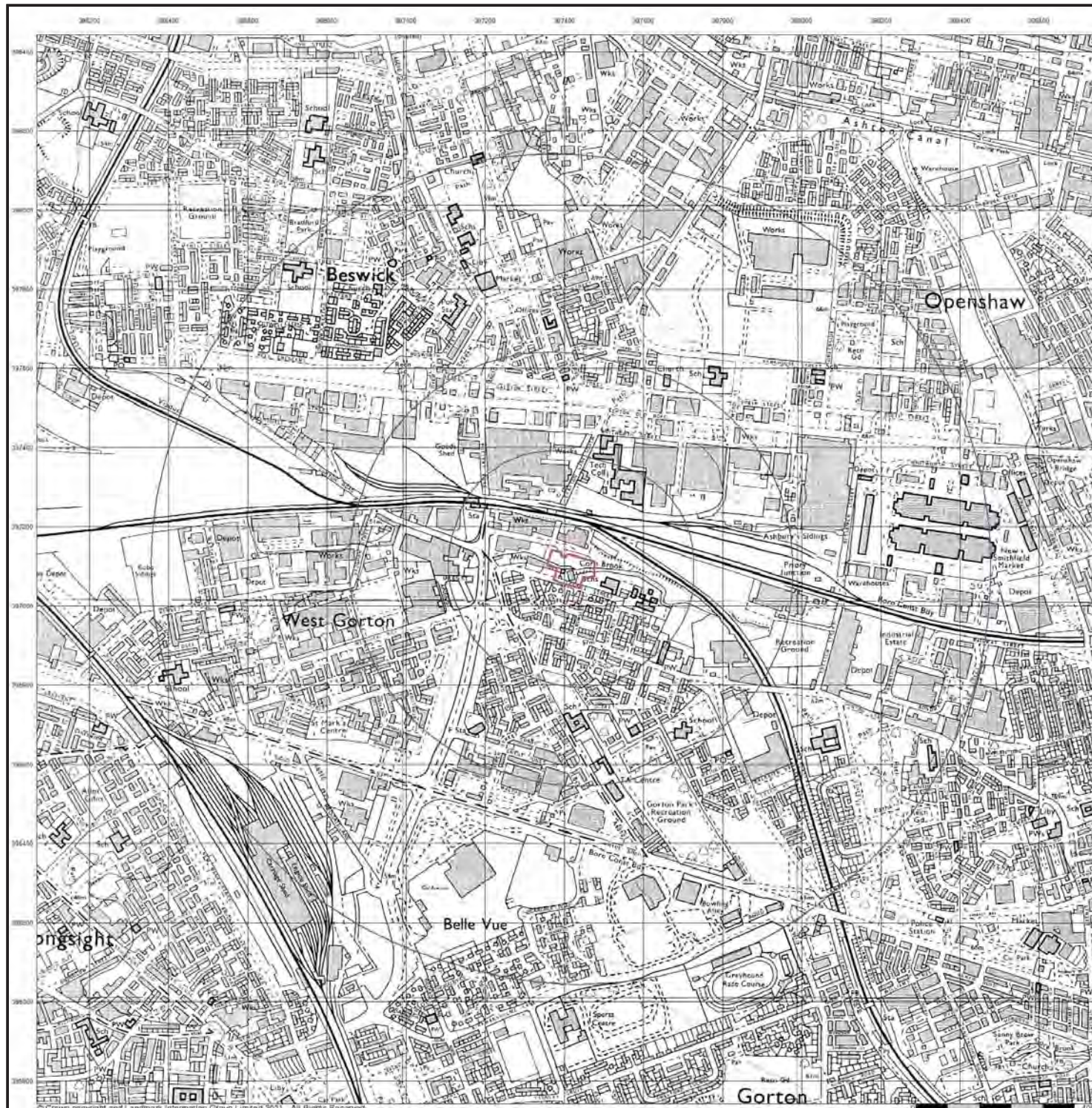


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



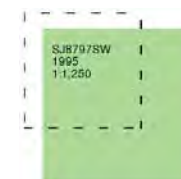
Large-Scale National Grid Data

Published 1995

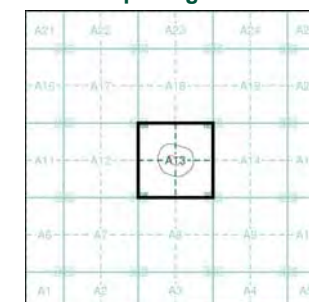
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



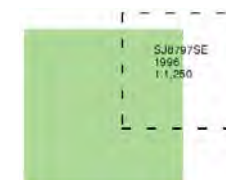
Large-Scale National Grid Data

Published 1996

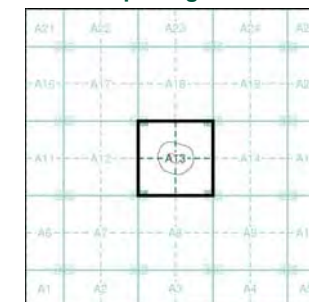
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

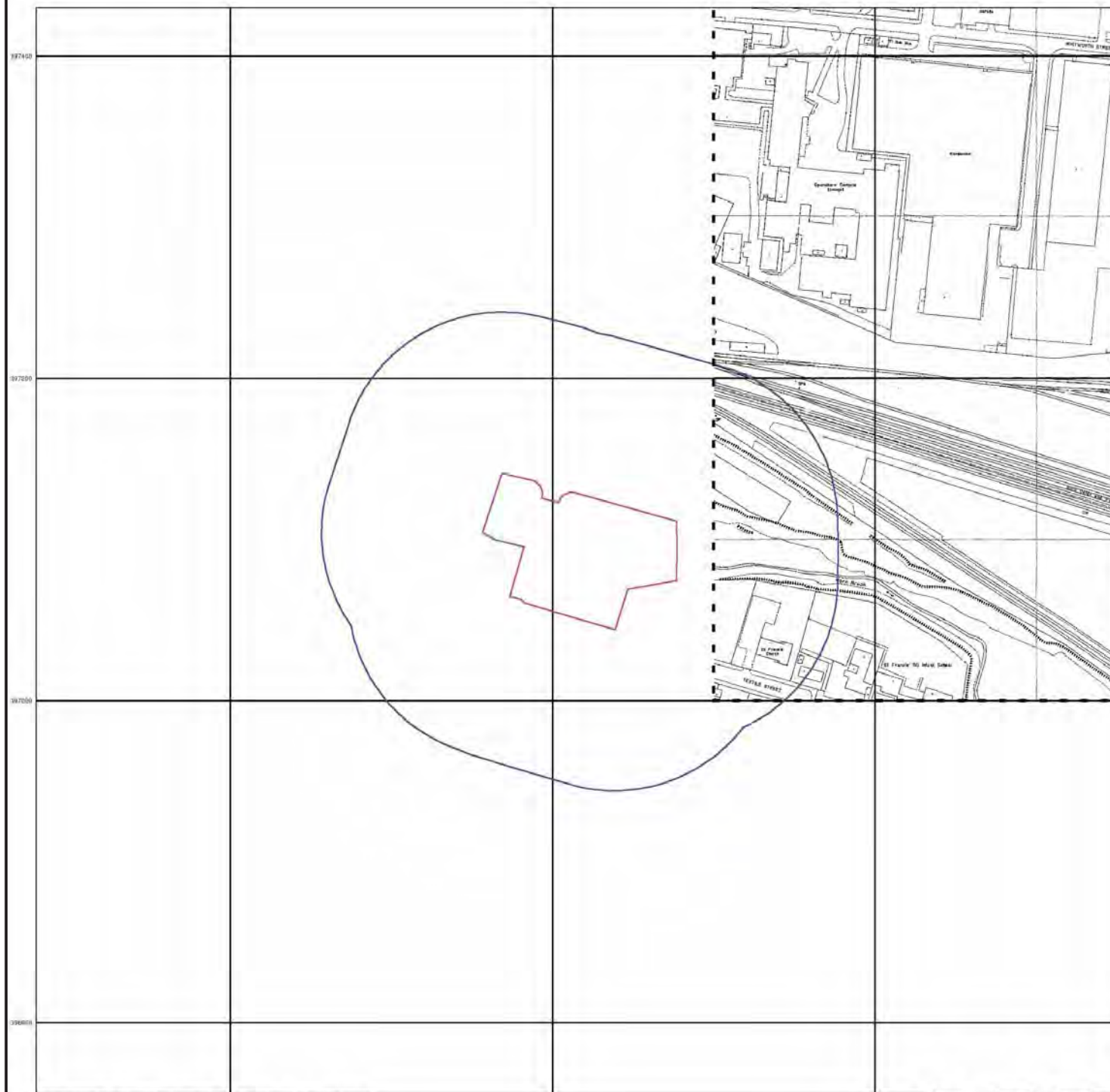


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
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 Site Area (Ha): 0.71
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Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



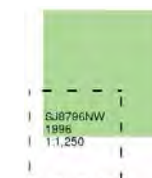
Large-Scale National Grid Data

Published 1996

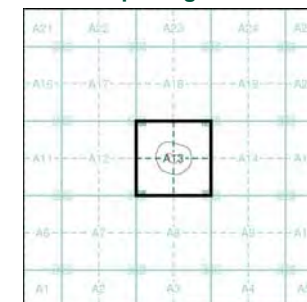
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

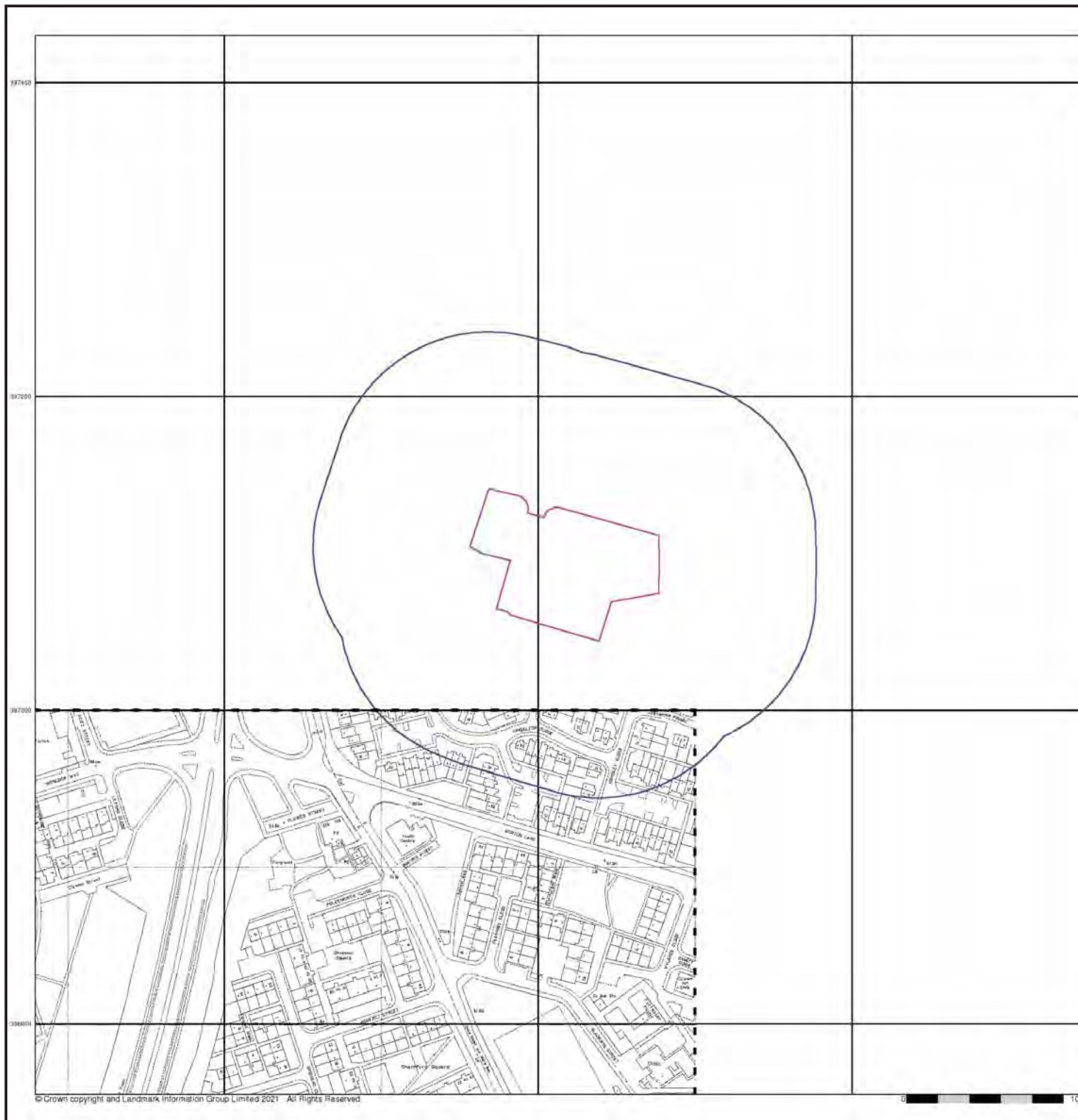


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
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Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



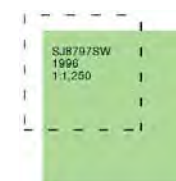
Large-Scale National Grid Data

Published 1996

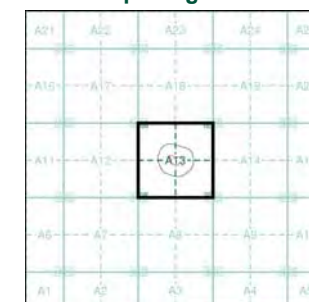
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

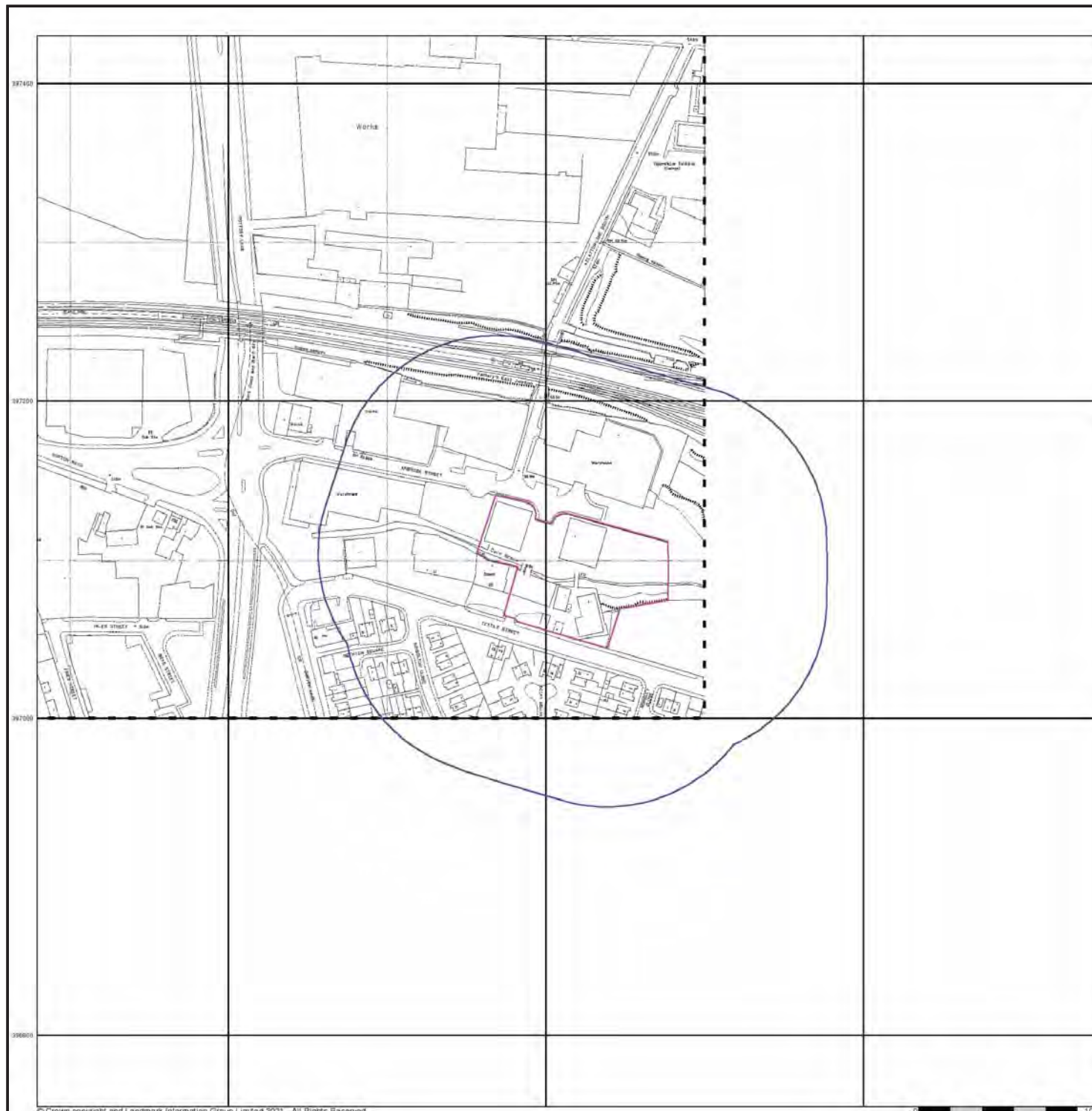


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



10k Raster Mapping

Published 1999

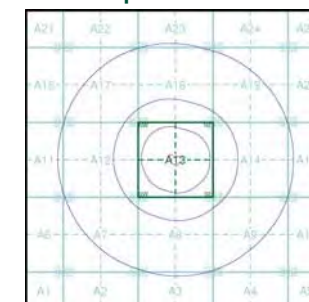
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

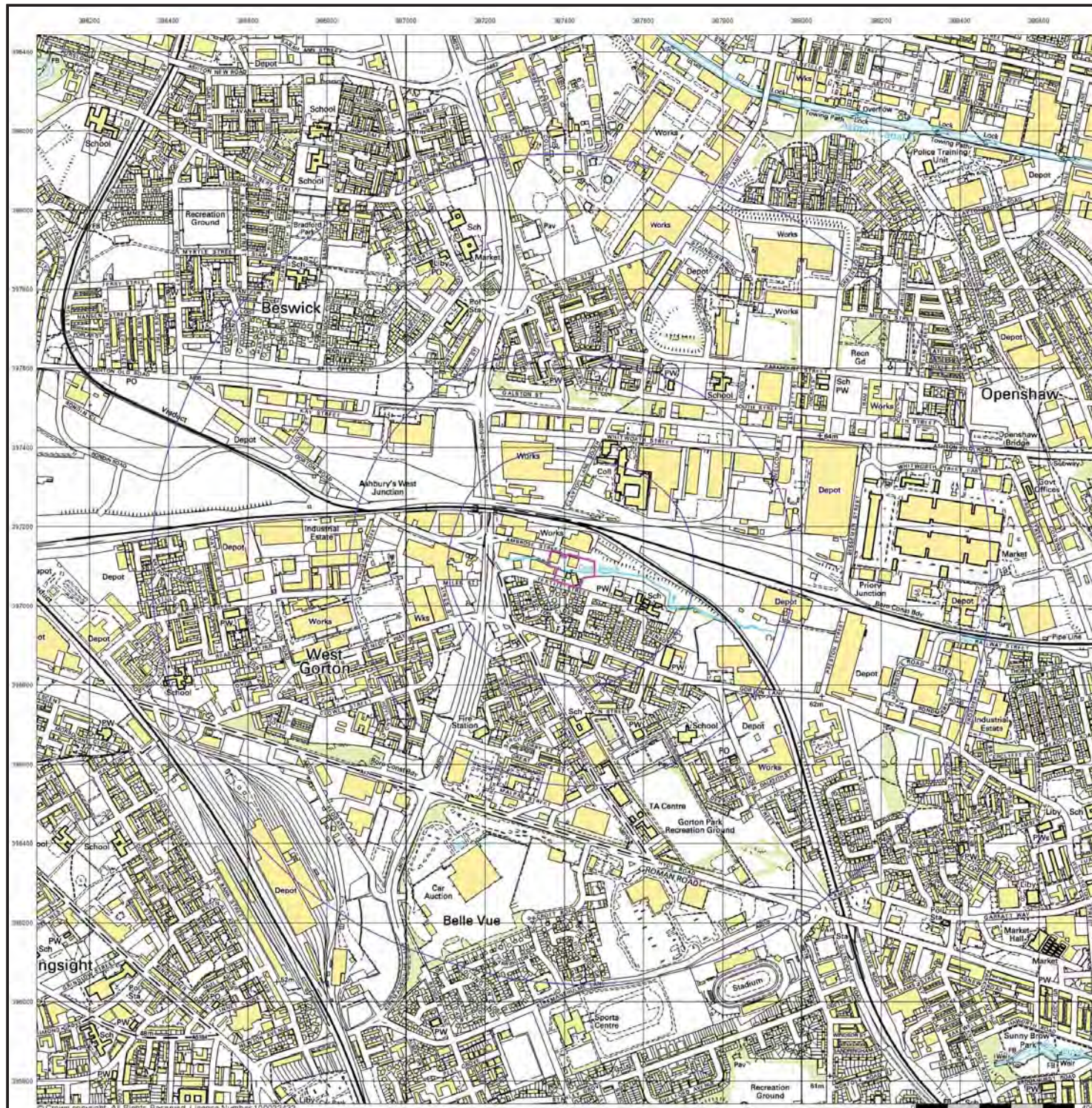


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



Historical Aerial Photography

Published 2000

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 100

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



10k Raster Mapping

Published 2006

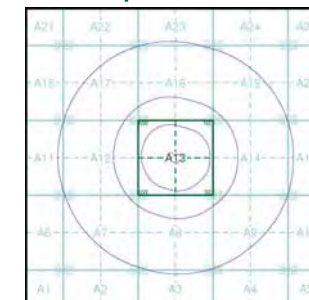
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

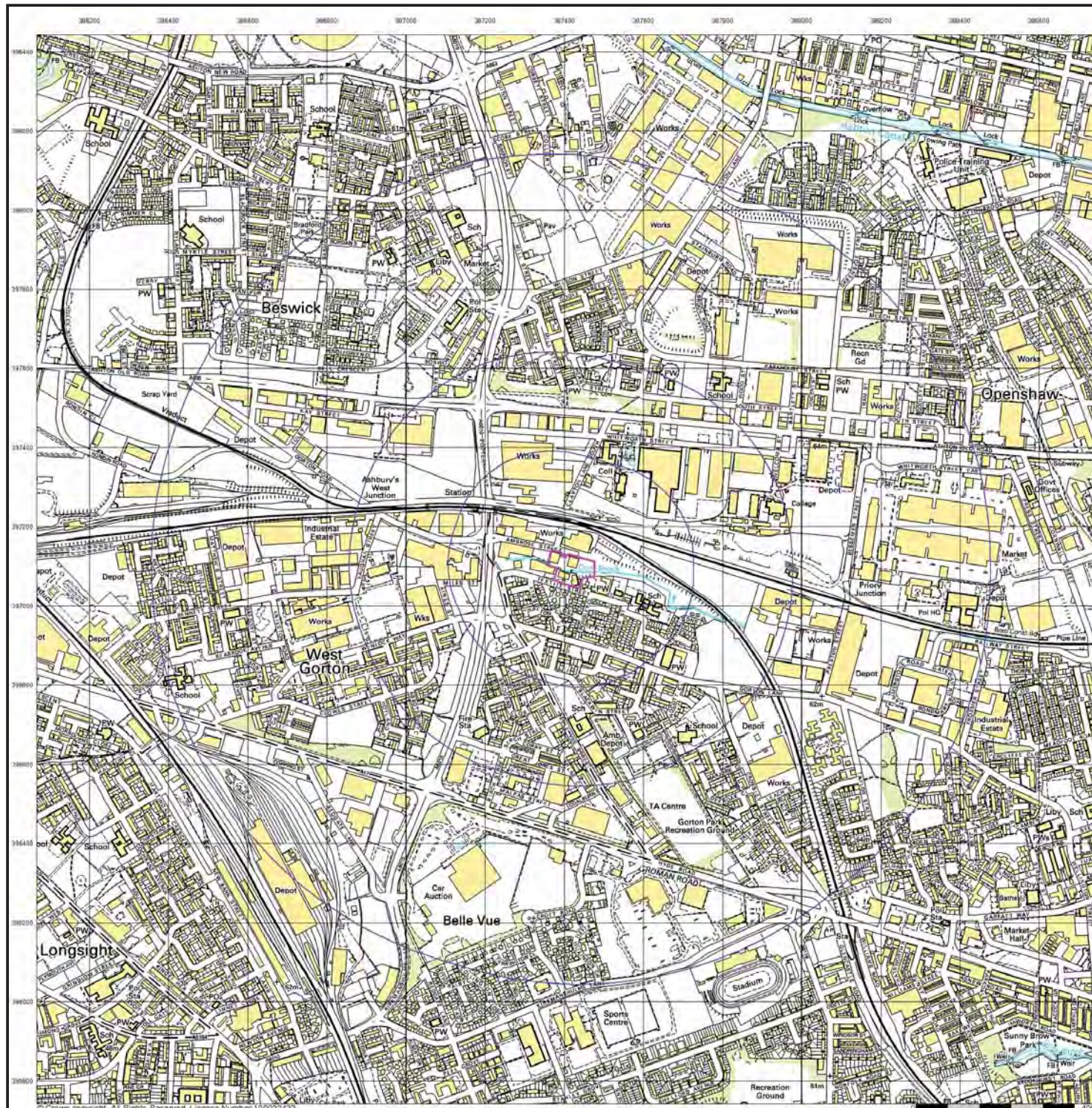


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
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 Slice: A
 Site Area (Ha): 0.71
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Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ



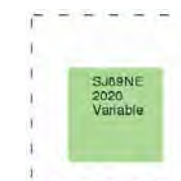
VectorMap Local

Published 2020

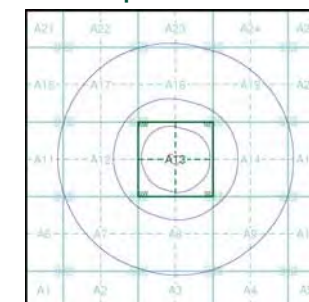
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



Historical Map - Slice A

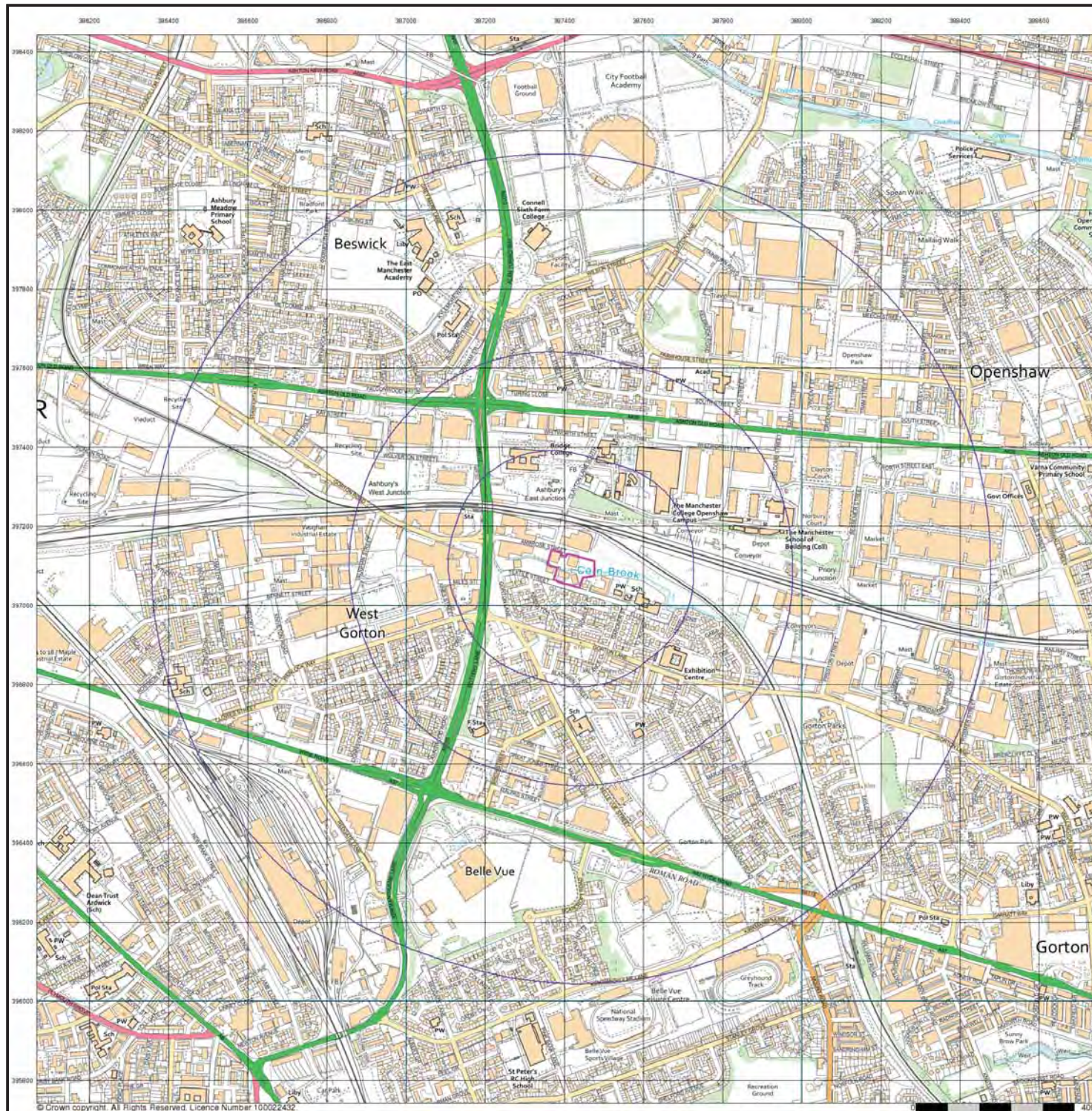


Order Details

Order Number: 273059843_1_1
 Customer Ref: 317-20-365
 National Grid Reference: 387420, 397100
 Slice: A
 Site Area (Ha): 0.71
 Search Buffer (m): 1000

Site Details

J.Allcock and Sons Ltd, Ambrose Street, MANCHESTER, M12 5DJ

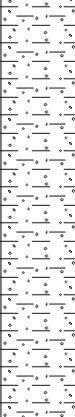
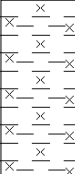
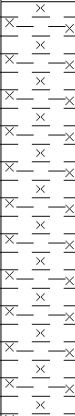




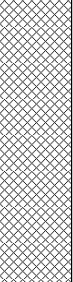
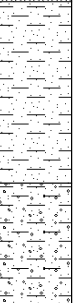
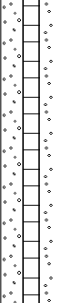
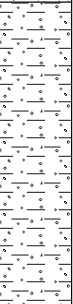
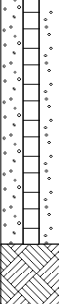
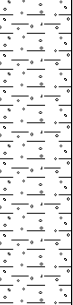
APPENDIX IV

FIELD RECORDS

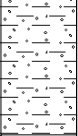
		www.aslenvironmental.co.uk						Window Sample No. WS1 Sheet 1 of 2			
Project Name: Ambrose Street, Manchester							Project No.: 317-20-365			Hole Type WLS	
Location: Ambrose Street, Manchester							Co-ords:		Level:		Scale 1:25
Client: J Allcock & Sons Limited							Start 09/03/2021		Dates: Finish 09/03/2021		Logged By AJM
Sample and In Situ Testing					Depth (m)	Level (m)	Stratum Description	Legend	WS	Well	
Depth (m)	Type	SPT	HPV (KPa)	PID (ppm)							
0.30	ES1	N=6 (2,2/3,1,1,1)			0.20		MADE GROUND: Concrete Hardstanding.				
0.70	ES2					MADE GROUND: Black very sandy slightly clayey angular to subangular fine to coarse GRAVEL of brick, burnt shale, clinker, slag, sandstone and rare metal. Occasional angular cobbles of brick.					
1.00 - 1.45 1.00	D3 SPT (S)					MADE GROUND: Soft black silty CLAY with rare angular fine to medium gravel of brick. Slight organic odour.					
1.50	ES4	N=2 (0,0/0,1,0,1)			1.45		Very soft dark grey and black slightly sandy clayey SILT. (Alluvium) <u>No recovery.</u>				
2.00 - 2.45 2.00	D5 SPT (S)					Soft grey sandy and locally very sandy CLAY. (Alluvium)					
2.50	ES6					Very stiff brown gravelly and locally very gravelly CLAY. Gravel is angular to rounded fine to coarse quartzite, mudstone, siltstone, coal and sandstone. (Till)					
2.90 3.00 - 3.45 3.00	D7 D8 SPT (S)	N=30 (4,4/7,7,8,8)			2.40						
3.50	D9										
4.00 - 4.45 4.00	D10 SPT (S)										
4.50	D11	N=29 (3,5/6,7,8,8)									
5.00 - 5.45	D12										
							Continued on Next Sheet				
Remarks Hardstanding cored from ground level to 0.2m bgl. Hand excavated service inspection pit from 0.2m to 1.0m bgl. Windowless sampling from 1.0m bgl to completed depth. Groundwater encountered at 0.8m bgl. Backfilled with arisings on completion.							Key D - Disturbed Sample ES - Environmental Sample B - Bulk Sample U - Undisturbed Sample SS - Surface Sample VS - Validation Sample W - Water Sample N/R - No Recovery HVP - Hand Vane Shear Test W/S - Water Strike				

		www.aslenvironmental.co.uk						Window Sample No. WS1 Sheet 2 of 2				
Project Name: Ambrose Street, Manchester							Project No.: 317-20-365			Hole Type WLS		
Location: Ambrose Street, Manchester							Co-ords:		Level:		Scale 1:25	
Client: J Allcock & Sons Limited							Start 09/03/2021		Dates: Finish 09/03/2021		Logged By AJM	
Sample and In Situ Testing					Depth (m)	Level (m)	Stratum Description	Legend	WS	Well		
Depth (m)	Type	SPT	HPV (KPa)	PID (ppm)								
5.00	SPT (S)	N=30 (3,5/6,6,8,10)					Very stiff brown gravelly and locally very gravelly CLAY. Gravel is angular to rounded fine to coarse quartzite, mudstone, siltstone, coal and sandstone. (Till)					
5.50	D13											
6.00 - 6.45 6.00	D14 SPT (S)	N=33 (7,6/7,8,9,9)									6	
6.50	D15				6.40		Very stiff red brown silty CLAY. (Etruria Formation)					
7.00 - 7.45 7.00	D16 SPT (S)	N=32 (4,5/6,6,9,11)			7.00		Very stiff friable purple brown mottled green and grey silty CLAY. (Etruria Formation)				7	
7.50	D17											
8.00 - 8.40 8.00	D18 SPT (S)	N=50 (8,8/50 for 265mm)			8.41						8	
							End of Borehole at 8.405m					
											9	
											10	
Remarks Hardstanding cored from ground level to 0.2m bgl. Hand excavated service inspection pit from 0.2m to 1.0m bgl. Windowless sampling from 1.0m bgl to completed depth. Groundwater encountered at 0.8m bgl. Backfilled with arisings on completion.							Key D - Disturbed Sample ES - Environmental Sample B - Bulk Sample U - Undisturbed Sample SS - Surface Sample VS - Validation Sample W - Water Sample N/R - No Recovery HVP - Hand Vane Shear Test W/S - Water Strike					

 www.aslenvironmental.co.uk										Window Sample No.	
										WS2	
										Sheet 1 of 2	
Project Name: Ambrose Street, Manchester						Project No.: 317-20-365		Hole Type WLS			
Location: Ambrose Street, Manchester						Co-ords:		Level:		Scale 1:25	
Client: J Allcock & Sons Limited						Start 09/03/2021		Dates: Finish 03/03/2021		Logged By AJM	

Sample and In Situ Testing					Depth (m)	Level (m)	Stratum Description	Legend	WS	Well
Depth (m)	Type	SPT	HPV (KPa)	PID (ppm)						
0.30	ES1	N=1 (0,1/0,0,1,0)			0.18 0.25		MADE GROUND: Concrete hardstanding.			
					MADE GROUND: Concrete.					
					MADE GROUND: Black very sandy slightly clayey angular to subangular fine to coarse GRAVEL of brick, burnt shale, clinker, slag, sandstone and rare metal. Occasional angular cobbles of brick.					
0.70	ES2	N=30 (9,6/6,7,8,9)			1.20					
1.00	SPT (S)									
1.50	ES3						Very soft green grey slightly sandy silty CLAY with abundant pockets (<3mm) of black organic clay. Moderate organic odour. (Alluvium)			
1.90	ES4	N=32 (7,7/6,8,8,10)			1.80		Stiff and locally firm brown slightly sandy gravelly CLAY. Gravel is angular to rounded fine to coarse quartzite and mudstone. (Till)			
2.00 - 2.45	D5 SPT (S)									
2.00	D6						Very stiff brown gravelly and locally very gravelly CLAY. Gravel is angular to rounded fine to coarse quartzite, coal, mudstone, siltstone and sandstone. (Till)			
3.00 - 3.45	D7 SPT (S)	N=28 (5,4/5,7,7,9)			2.20					
3.00	D8									
3.50	D9 SPT (S)									
4.00 - 4.45	D10									
4.00	D11									
4.50										
5.00 - 5.45							Continued on Next Sheet			

Remarks Hardstanding cored from ground level to 0.25m bgl. Hand excavated service inspection pit from 0.25m to 1.0m bgl. Windowless sampling from 1.0m bgl to completed depth. Groundwater encountered at 1.0m bgl. Installed with combined gas and groundwater monitoring standpipe on completion.	Key D - Disturbed Sample ES - Environmental Sample B - Bulk Sample U - Undisturbed Sample SS - Surface Sample VS - Validation Sample W - Water Sample	N/R - No Recovery HVP - Hand Vane Shear Test W/S - Water Strike	

		www.aslenvironmental.co.uk						Window Sample No. WS2 Sheet 2 of 2				
Project Name: Ambrose Street, Manchester							Project No.: 317-20-365			Hole Type WLS		
Location: Ambrose Street, Manchester							Co-ords:		Level:		Scale 1:25	
Client: J Allcock & Sons Limited							Start 09/03/2021		Dates: Finish 03/03/2021		Logged By AJM	
Sample and In Situ Testing					Depth (m)	Level (m)	Stratum Description	Legend	WS	Well		
Depth (m)	Type	SPT	HPV (KPa)	PID (ppm)								
5.00	SPT (S)	N=28 (5,4/5,7,7,9)			5.45		Very stiff brown gravelly and locally very gravelly CLAY. Gravel is angular to rounded fine to coarse quartzite, coal, mudstone, siltstone and sandstone. (Till)					
							End of Borehole at 5.450m					
											6	
											7	
											8	
											9	
											10	
Remarks Hardstanding cored from ground level to 0.25m bgl. Hand excavated service inspection pit from 0.25m to 1.0m bgl. Windowless sampling from 1.0m bgl to completed depth. Groundwater encountered at 1.0m bgl. Installed with combined gas and groundwater monitoring standpipe on completion.							Key D - Disturbed Sample ES - Environmental Sample B - Bulk Sample U - Undisturbed Sample SS - Surface Sample VS - Validation Sample W - Water Sample N/R - No Recovery HVP - Hand Vane Shear Test W/S - Water Strike					



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Window Sample No.

WS3

Sheet 1 of 2

Project Name:

Ambrose Street, Manchester

Project No.:

317-20-365

Hole Type

WLS

Location:

Ambrose Street, Manchester

Co-ords:

Level:

Scale

1:25

Client:

J Allcock & Sons Limited

Start

Dates:

Finish

09/03/2021

09/03/2021

Logged By

AJM

Sample and In Situ Testing					Depth (m)	Level (m)	Stratum Description	Legend	WS	Well			
Depth (m)	Type	SPT	HPV (KPa)	PID (ppm)									
0.20	ES1	N=11 (0,1/1,2,3,5)			0.15		MADE GROUND: Concrete hardstanding.						
0.50	ES2				0.40		MADE GROUND: Black very sandy slightly clayey angular to subangular fine to coarse GRAVEL of clinker, burnt shale, slag, brick, concrete, sandstone and rare metal. Occasional angular cobbles of brick.						
0.90	ES3				0.80		Firm brown gravelly CLAY. Gravel is angular to rounded fine to coarse quartzite and sandstone. (Till)						
1.00 - 1.45	D4 SPT (S)				1.20		Very stiff brown gravelly CLAY. Gravel is angular to rounded fine to coarse mudstone, siltstone, sandstone and rare coal. (Till)						
1.50	ES5	N=35 (7,7/7,10,9,9)											
1.90	D6												
2.00 - 2.45	D7 SPT (S)												
2.50	D8	N=48 (9,8/9,11,12,16)											
3.00 - 3.45	D9 SPT (S)												
3.00													
3.50	D10	N=32 (5,6/6,8,9,9)											
4.00 - 4.45	D11 SPT (S)												
4.00													
4.50	D12												
5.00 - 5.45	D13						Continued on Next Sheet						

Remarks

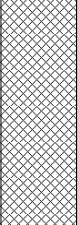
Hardstanding cored from ground level to 0.15m bgl. Hand excavated service inspection pit from 0.15m to 1.0m bgl. Windowless sampling from 1.0m bgl to completed depth. Groundwater not encountered. Backfilled with arisings on completion.

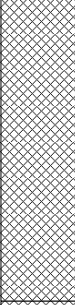
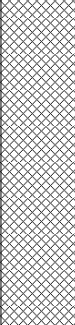
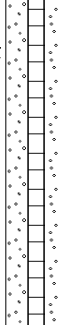
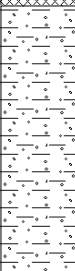
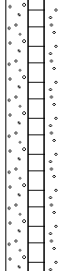
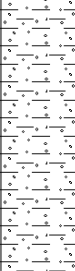
Key

D - Disturbed Sample
ES - Environmental Sample
B - Bulk Sample
U - Undisturbed Sample
SS - Surface Sample
VS - Validation Sample
W - Water Sample

N/R - No Recovery
HVP - Hand Vane Shear Test
W/S - Water Strike



 www.aslenvironmental.co.uk										Window Sample No. WS4 Sheet 1 of 1		
Project Name: Ambrose Street, Manchester							Project No.: 317-20-365			Hole Type WLS		
Location: Ambrose Street, Manchester							Co-ords:		Level:		Scale 1:25	
Client: J Allcock & Sons Limited							Start 09/03/2021		Dates: Finish 09/03/2021		Logged By AJM	
Sample and In Situ Testing					Depth (m)	Level (m)	Stratum Description	Legend	WS	Well		
Depth (m)	Type	SPT	HPV (KPa)	PID (ppm)								
0.10	ES1				0.75		MADE GROUND: Stiff dark brown locally slightly sandy gravelly and locally very gravelly CLAY. Gravel is angular to subangular fine to coarse clinker, sandstone, brick, roadstone and concrete. Rare angular cobbles of sandstone, brick and concrete.					
						End of Borehole at 0.750m						
											1	
											2	
											3	
											4	
											5	
Remarks Windowless sampling from ground level to completed depth. Borehole terminated at 0.75m bgl due to buried concrete obstruction. Groundwater not encountered. Backfilled with arisings on completion.							Key D - Disturbed Sample ES - Environmental Sample B - Bulk Sample U - Undisturbed Sample SS - Surface Sample VS - Validation Sample W - Water Sample N/R - No Recovery HVP - Hand Vane Shear Test W/S - Water Strike					

 www.aslenvironmental.co.uk										Window Sample No. WS4A Sheet 1 of 2	
Project Name: Ambrose Street, Manchester						Project No.: 317-20-365		Hole Type WLS			
Location: Ambrose Street, Manchester						Co-ords:		Level: Scale 1:25			
Client: J Allcock & Sons Limited						Start Dates: Finish 09/03/2021 09/03/2021		Logged By AJM			
Sample and In Situ Testing					Depth (m)	Level (m)	Stratum Description	Legend	WS	Well	
Depth (m)	Type	SPT	HPV (KPa)	PID (ppm)	Depth (m)	Level (m)	Stratum Description	Legend	WS	Well	
0.50	ES1	N=7 (1,0/3,1,1,2)			1.00		MADE GROUND: Stiff dark brown locally slightly sandy gravelly and locally very gravelly CLAY. Gravel is angular to subangular fine to coarse clinker, sandstone, brick, roadstone and concrete. Rare angular cobbles of sandstone, brick and concrete.			1	
0.90	ES2						MADE GROUND: Soft and locally firm dark brown and black and locally light brown slightly gravelly silty CLAY. Gravel is angular to subangular fine to coarse brick and glass. Slight organic odour. Slight hydrocarbon sheen on water surface.				
1.00 - 1.45 1.00	D3 SPT (S)										
1.50	ES4	N=22 (4,4/4,5,7,6)			2.10		No recovery.			2	
2.00 - 2.45 2.00	D5 SPT (S)										
2.50	ES6						Very stiff brown gravelly CLAY. Gravel is angular to rounded fine to coarse quartzite, coal, mudstone, siltstone and sandstone. (Till) Occasional decomposing rootlets to 2.3m bgl. Mottled blue grey between 2.1 and 2.8m bgl.				
2.90	D7	N=39 (6,6/7,10,10,12)							3		
3.00 - 3.45 3.00	D8 SPT (S)										
3.50	D9										
4.00 - 4.45 4.00	D10 SPT (S)	N=46 (7,7/8,11,12,15)							4		
4.50	D11										
5.00 - 5.45	D12						Continued on Next Sheet			5	
Remarks Windowless sampling from ground level to completed depth. Groundwater encountered at 1.2m bgl. Installed with combined gas and groundwater monitoring standpipe on completion.							Key D - Disturbed Sample ES - Environmental Sample B - Bulk Sample U - Undisturbed Sample SS - Surface Sample VS - Validation Sample W - Water Sample N/R - No Recovery HVP - Hand Vane Shear Test W/S - Water Strike				

Co-ords:	Level:
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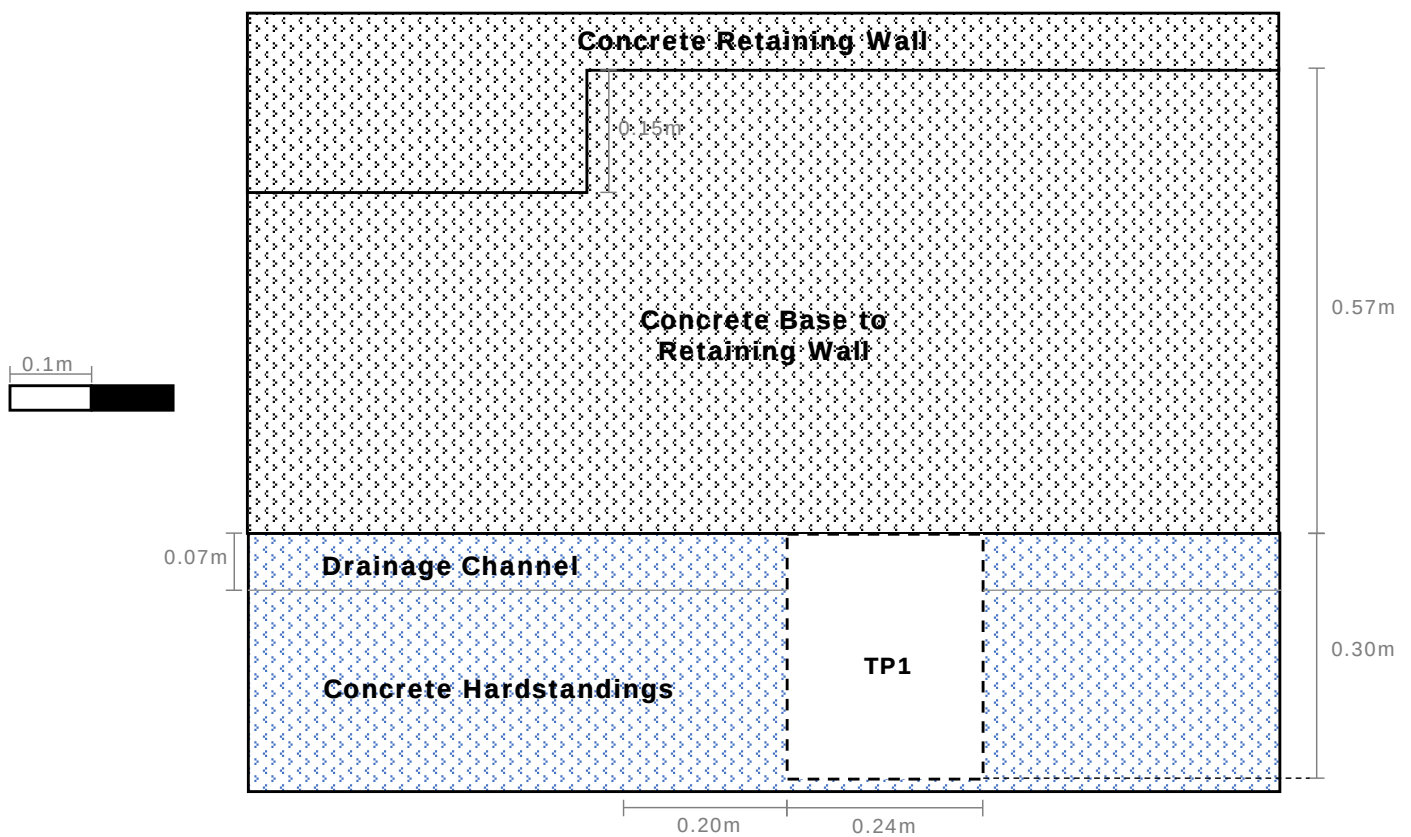
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Logged By
AJM



TP1

Plan View



Key:

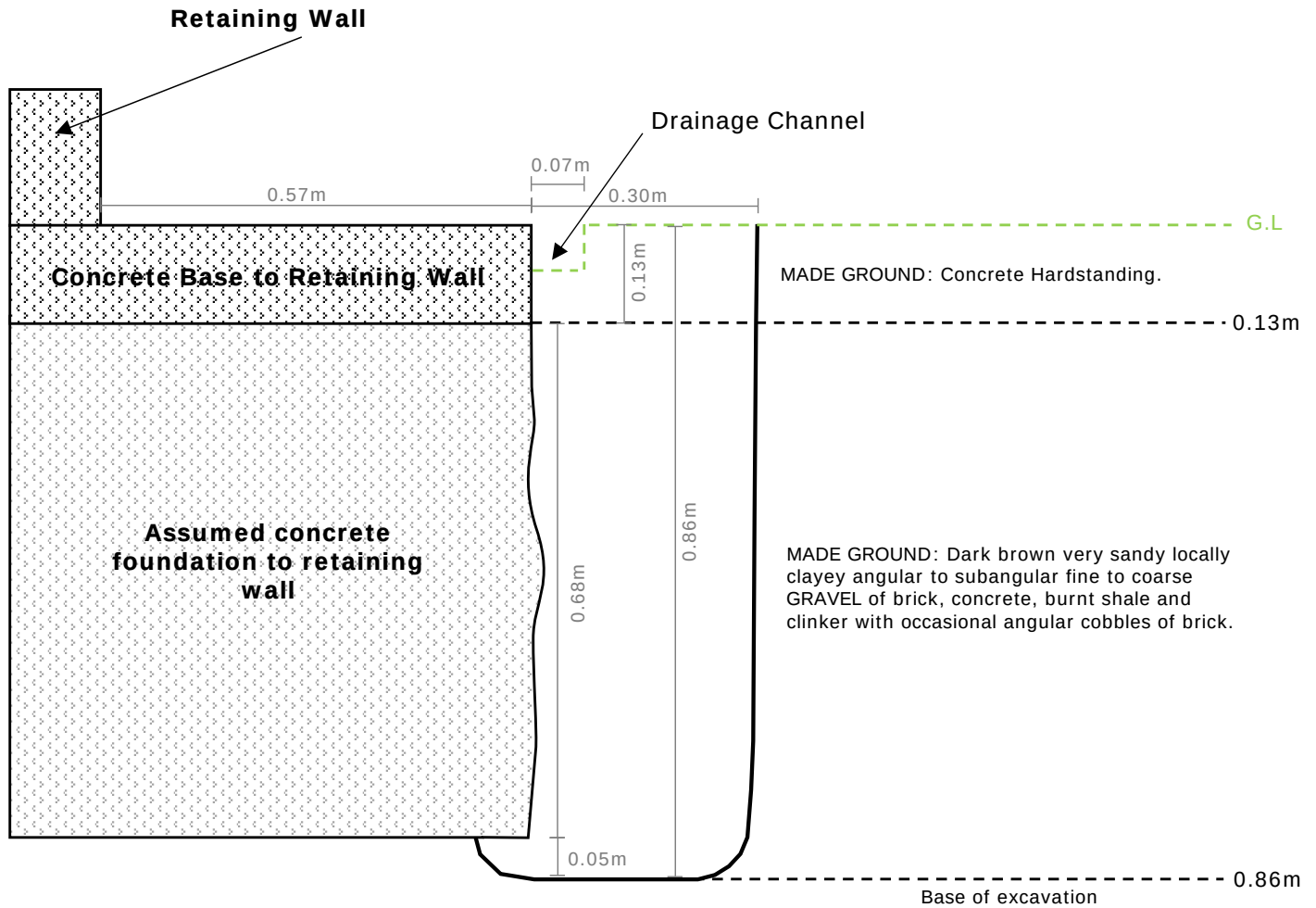
 Concrete Associated with Existing Retaining Wall

 Concrete Hardstanding

The Geo-Environmental Service Provider

TP1

Cross Section



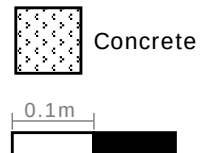
NOTES:

Groundwater encountered at 0.75m bgl.
Base of foundation proven at 0.81m bgl.

Samples Taken:

ES1 0.20m
ES2 0.80m

Key:



The Geo-Environmental Service Provider

Foundation Inspection Pit – TP1
Ambrose Street, Manchester
Project No. 317-20-365
Prepared for: J Allcock & Sons Limited

asl

TP1

Photographs



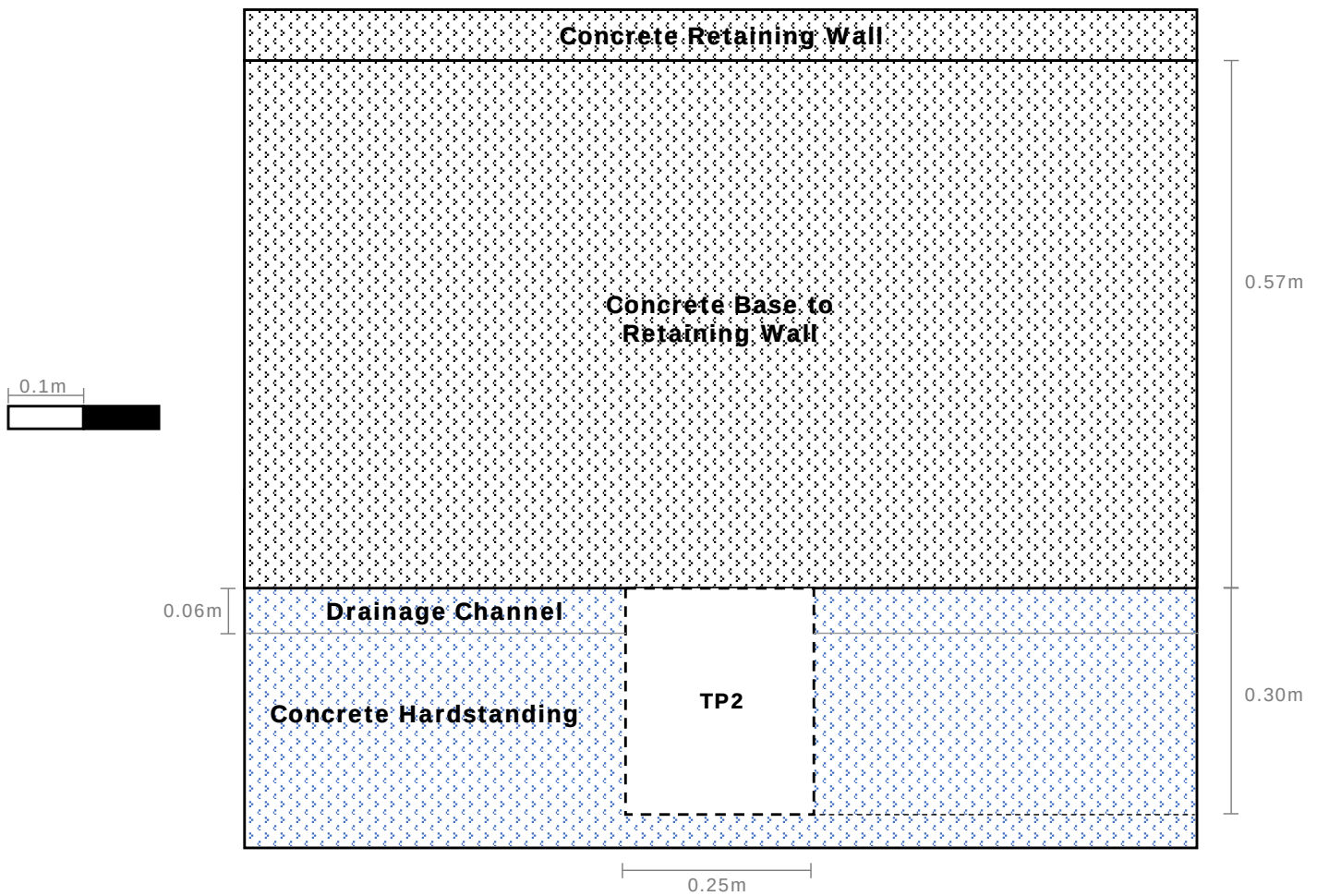
The Geo-Environmental Service Provider

Foundation Inspection Pit – TP1
Ambrose Street, Manchester
Project No. 317-20-365
Prepared for: J Allcock & Sons Limited

asl

TP2

Plan View



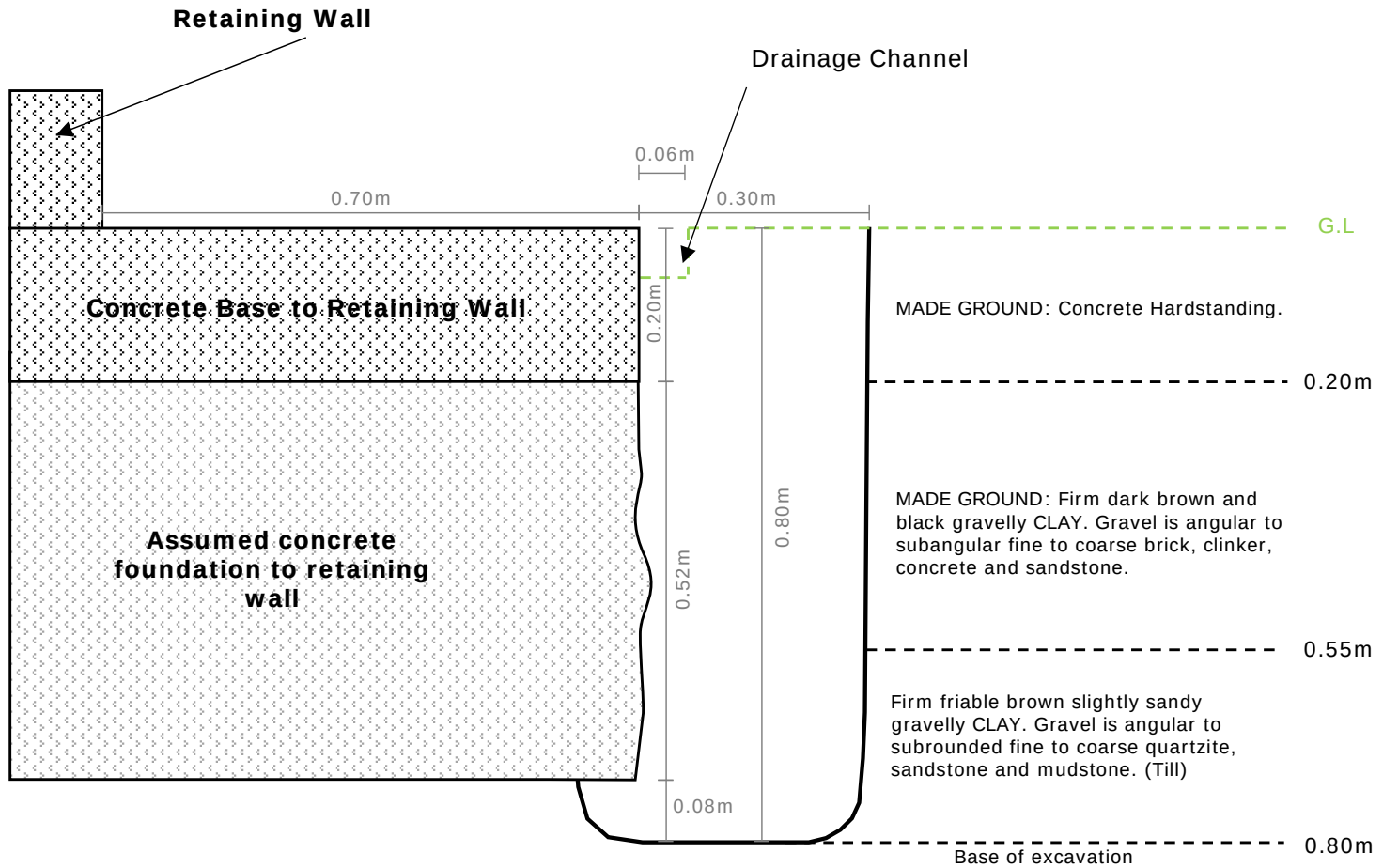
Key:

-  Concrete Associated with Existing Retaining Wall
-  Concrete Hardstanding

The Geo-Environmental Service Provider

TP2

Cross Section



NOTES:

Groundwater not encountered.

Base of foundation proven at 0.72m bgl.

Samples Taken:

ES1 0.30m
ES2 0.70m

Key:



Concrete



The Geo-Environmental Service Provider

TP2

Photographs



The Geo-Environmental Service Provider



Hole ID	Event	GW Level (m bgl)	Borehole Depth (m bgl)	CH ₄ (% v/v)	CO ₂ (% v/v)	O ₂ (% v/v)	CO (ppm)	H ₂ S (ppm)	Downhole Pressure (Pa)		Average Flow Rate (l/hr)	
									Average	Peak	Average	Peak
Start	1	-	-	<0.1	<0.1	20.6	<1	<1	0	-	0.0	-
Finish	1	-	-	<0.1	<0.1	20.5	<1	<1	0	-	0.0	-
WS2	1	0.55	3.01	<0.1	2.8	18.7	30	5	0	-1058	0.0	-59.5
WS4A	1	0.85	3.02	<0.1	0.9	16.8	70	12	0	-890	0.0	-48.2

Borehole	Condition Report
WS2	Water sucked into tube, monitoring stopped after approximately 183 seconds.
WS4A	Water sucked into tube, monitoring stopped after approximately 201 seconds.
WS2	Flow Rate and Relative Borehole Pressure took 240 seconds to stabilise.

Notes:

Date: 19/03/21

Atmospheric Pressure: 1024mb-1026mb

Weather Conditions: 9°C, gentle breeze, dry, overcast, dry ground.

Engineer: A Bensley

Gas concentrations recorded in either parts per million (ppm) or as a percentage of the total volume of gas recorded by the testing apparatus.

Table IVa**Gas and Groundwater Monitoring Results****Site Name: Ambrose Street, Manchester****Project No. 317-20-365****Prepared for: J Allcock & Sons Limited**



Hole ID	Event	GW Level (m bgl)	Borehole Depth (m bgl)	CH ₄ (% v/v)	CO ₂ (% v/v)	O ₂ (% v/v)	CO (ppm)	H ₂ S (ppm)	Downhole Pressure (Pa)		Average Flow Rate (l/hr)	
									Average	Peak	Average	Peak
Start	2	-	-	<0.1	<0.1	20.5	<10	<10	0	-	0.0	-
Finish	2	-	-	<0.1	<0.1	20.5	<10	<10	0	-	0.0	-
WS2	2	0.50	3.00	<0.1	0.8	18.9	<10	<10	0	8	0.0	0.5
WS4A	2	0.84	3.00	<0.1	0.8	18.6	<10	<10	0	257	0.0	20.5

Borehole	Condition Report
WS4A	Vacuum created, sucking sound heard when tube disconnected.
WS2	Reduced monitoring period due to water risk. Monitoring period approximately 120 seconds.
WS4A	Reduced monitoring period due to water risk. Monitoring period approximately 180 seconds.

Notes:

Date: 29/03/21

Atmospheric Pressure: 1012mb-1013mb

Weather Conditions: 15°C, gentle breeze, dry, cloudy, dry ground.

Engineer: A Bensley

Gas concentrations recorded in either parts per million (ppm) or as a percentage of the total volume of gas recorded by the testing apparatus.

Table IVa**Gas and Groundwater Monitoring Results****Site Name: Ambrose Street, Manchester****Project No. 317-20-365****Prepared for: J Allcock & Sons Limited**



Hole ID	Event	GW Level (m bgl)	Borehole Depth (m bgl)	CH ₄ (% v/v)	CO ₂ (% v/v)	O ₂ (% v/v)	CO (ppm)	H ₂ S (ppm)	Downhole Pressure (Pa)		Average Flow Rate (l/hr)	
									Average	Peak	Average	Peak
Start	3	-	-	<0.1	<0.1	20.2	<1	<1	0	-	0.0	-
Finish	3	-	-	<0.1	<0.1	20.5	<1	<1	0	-	0.0	-
WS2	3	0.66	3.00	<0.1	1.1	19.6	<1	<1	0	> -900	-0.1	> -29.0
WS4A	3	0.89	3.00	<0.1	0.7	19.1	<1	<1	0	-2	0.0	-0.4

Borehole	Condition Report
WS2	Reduced monitoring period due to water risk. Monitoring period approximately 120 seconds.
WS4A	Reduced monitoring period due to water risk. Monitoring period approximately 180 seconds.
WS4A	Flow Rate and Relative Borehole Pressure took 195 seconds to stabilise.

Notes:

Date: 12/04/21

Atmospheric Pressure: 1017mb-1019mb

Weather Conditions: 5°C, gentle breeze, dry, light cloud, dry ground.

Engineer: A Bensley

Gas concentrations recorded in either parts per million (ppm) or as a percentage of the total volume of gas recorded by the testing apparatus.

Table IVa**Gas and Groundwater Monitoring Results**

Site Name: Ambrose Street, Manchester

Project No. 317-20-365

Prepared for: J Allcock & Sons Limited



APPENDIX V

CHEMICAL LABORATORY TEST DATA



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Analytical Report Number : 21-62184

Replaces Analytical Report Number: 21-62184, issue no. 1
Additional analysis undertaken.

Project / Site name:	Ambrose Street Manchester	Samples received on:	11/03/2021
Your job number:	317 20 365	Samples instructed on/ Analysis started on:	11/03/2021
Your order number:	317 20 365	Analysis completed by:	02/04/2021
Report Issue Number:	2	Report issued on:	06/04/2021
Samples Analysed:	4 leachate samples - 11 soil samples		

Signed: *A. Czerwińska*

Agnieszka Czerwińska
Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

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Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 21-62184
Project / Site name: Ambrose Street Manchester
Your Order No: 317 20 365

Lab Sample Number				1800747	1800748	1800749	1800750	1800751
Sample Reference				TP2	WS1	WS1	WS1	WS1
Sample Number				GT	MG	AL	AL	GT
Depth (m)				0.70	0.30	1.50	2.00-2.45	2.90
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	29	21	20	7.2
Total mass of sample received	kg	0.001	NONE	1.2	1.2	1.5	0.70	1.2

Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	-	-	-
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.9	6.7	7.2	7.1	8.5
Total Cyanide	mg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Free Cyanide	mg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Total Sulphate as SO ₄	mg/kg	50	MCERTS	-	1700	390	-	-
Total Sulphate as SO ₄	%	0.005	MCERTS	0.041	-	-	0.023	0.015
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.12	0.16	0.11	0.064	0.019
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	121	-	-	63.6	18.8
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	6.1	-	-	5.2	4.3
Total Sulphur	mg/kg	50	MCERTS	-	2400	740	-	-
Total Sulphur	%	0.005	MCERTS	0.027	-	-	0.029	0.006
Ammoniacal Nitrogen as NH ₄	mg/kg	0.5	MCERTS	7.9	-	-	42	3.5
Ammonium as NH ₄ (10:1 leachate equivalent)	mg/l	0.05	MCERTS	0.79	-	-	4.23	0.35
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	0.050	0.0071	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	-	-	< 2.0	< 2.0

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	-	3.5	< 0.05	-	-
Acenaphthene	mg/kg	0.05	MCERTS	-	14	< 0.05	-	-
Fluorene	mg/kg	0.05	MCERTS	-	14	< 0.05	-	-
Phenanthrene	mg/kg	0.05	MCERTS	-	120	< 0.05	-	-
Anthracene	mg/kg	0.05	MCERTS	-	31	< 0.05	-	-
Fluoranthene	mg/kg	0.05	MCERTS	-	170	< 0.05	-	-
Pyrene	mg/kg	0.05	MCERTS	-	170	< 0.05	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	86	< 0.05	-	-
Chrysene	mg/kg	0.05	MCERTS	-	64	< 0.05	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	75	< 0.05	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	29	< 0.05	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	72	< 0.05	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	31	< 0.05	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	6.4	< 0.05	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	39	< 0.05	-	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	-	928	< 0.80	-	-
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Analytical Report Number: 21-62184
Project / Site name: Ambrose Street Manchester
Your Order No: 317 20 365

Lab Sample Number				1800747	1800748	1800749	1800750	1800751
Sample Reference				TP2	WS1	WS1	WS1	WS1
Sample Number				GT	MG	AL	AL	GT
Depth (m)				0.70	0.30	1.50	2.00-2.45	2.90
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	250	8.7	-	-
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	-	3.8	0.64	-	-
Boron (water soluble)	mg/kg	0.2	MCERTS	-	0.4	1.6	-	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
Chromium (hexavalent)	mg/kg	4	MCERTS	-	< 4.0	< 4.0	-	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	360	16	-	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	2100	55	-	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	4100	50	-	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	5.4	< 0.3	-	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	50	15	-	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	-	110	21	-	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	4200	240	-	-

Magnesium (water soluble)	mg/kg	5	NONE	< 5.0	-	-	11	11
Magnesium (leachate equivalent)	mg/l	2.5	NONE	< 2.5	-	-	5.4	5.3

Petroleum Hydrocarbons

TPH C10 - C40	mg/kg	10	MCERTS	-	1700	< 10	-	-
TPH2 (C6 - C10)	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-62184

Project / Site name: Ambrose Street Manchester

Your Order No: 317 20 365

Lab Sample Number				1800752	1800753	1800754	1800755	1800756
Sample Reference				WS2	WS2	WS3	WS3	WS4A
Sample Number				MG	GT	MG	GT	MG
Depth (m)				0.70	2.20-2.45	0.50	2.50	1.50
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	17	13	19	6.9	27
Total mass of sample received	kg	0.001	NONE	1.5	1.0	1.5	1.0	1.5

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	-	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.8	8.2	8.0	8.5	7.6
Total Cyanide	mg/kg	1	MCERTS	1.3	-	< 1.0	-	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	< 1.0
Total Sulphate as SO ₄	mg/kg	50	MCERTS	2600	-	440	-	1100
Total Sulphate as SO ₄	%	0.005	MCERTS	-	0.025	-	0.023	-
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.49	0.11	0.049	0.029	0.28
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	-	109	-	29.1	-
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	-	7.4	-	2.3	-
Total Sulphur	mg/kg	50	MCERTS	4800	-	500	-	3500
Total Sulphur	%	0.005	MCERTS	-	0.045	-	0.015	-
Ammoniacal Nitrogen as NH ₄	mg/kg	0.5	MCERTS	-	< 0.5	-	0.6	-
Ammonium as NH ₄ (10:1 leachate equivalent)	mg/l	0.05	MCERTS	-	< 0.05	-	0.06	-
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	0.043	-	0.013	-	0.038
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	-	< 2.0	-	< 2.0	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.67	-	< 0.05	-	0.78
Acenaphthylene	mg/kg	0.05	MCERTS	0.74	-	< 0.05	-	0.74
Acenaphthene	mg/kg	0.05	MCERTS	1.8	-	< 0.05	-	1.9
Fluorene	mg/kg	0.05	MCERTS	2.3	-	< 0.05	-	2.1
Phenanthrene	mg/kg	0.05	MCERTS	11	-	0.70	-	15
Anthracene	mg/kg	0.05	MCERTS	4.0	-	< 0.05	-	3.8
Fluoranthene	mg/kg	0.05	MCERTS	49	-	1.3	-	20
Pyrene	mg/kg	0.05	MCERTS	45	-	1.5	-	21
Benzo(a)anthracene	mg/kg	0.05	MCERTS	25	-	0.91	-	11
Chrysene	mg/kg	0.05	MCERTS	21	-	0.93	-	7.6
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	30	-	1.1	-	7.9
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	10	-	0.45	-	4.1
Benzo(a)pyrene	mg/kg	0.05	MCERTS	24	-	0.79	-	8.5
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	12	-	0.51	-	4.4
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	3.8	-	< 0.05	-	1.2
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	14	-	0.60	-	5.7

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	254	-	8.73	-	116
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Analytical Report Number: 21-62184
 Project / Site name: Ambrose Street Manchester
 Your Order No: 317 20 365

Lab Sample Number				1800752	1800753	1800754	1800755	1800756
Sample Reference				WS2	WS2	WS3	WS3	WS4A
Sample Number				MG	GT	MG	GT	MG
Depth (m)				0.70	2.20-2.45	0.50	2.50	1.50
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	53	-	34	-	75
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	2.0	-	1.5	-	1.3
Boron (water soluble)	mg/kg	0.2	MCERTS	1.4	-	1.2	-	2.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	4.7	-	< 0.2	-	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	-	< 4.0	-	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	55	-	30	-	33
Copper (aqua regia extractable)	mg/kg	1	MCERTS	440	-	1100	-	450
Lead (aqua regia extractable)	mg/kg	1	MCERTS	1300	-	170	-	690
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.0	-	< 0.3	-	6.0
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	42	-	37	-	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	1.3
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	49	-	46	-	39
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	1100	-	360	-	510
Magnesium (water soluble)	mg/kg	5	NONE	-	19	-	16	-
Magnesium (leachate equivalent)	mg/l	2.5	NONE	-	9.5	-	8.1	-
Petroleum Hydrocarbons								
TPH C10 - C40	mg/kg	10	MCERTS	1800	-	1500	-	1600
TPH2 (C6 - C10)	mg/kg	0.1	MCERTS	< 0.1	-	< 0.1	-	< 0.1

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-62184

Project / Site name: Ambrose Street Manchester

Your Order No: 317 20 365

Lab Sample Number				1800757
Sample Reference				WS4A
Sample Number				GT
Depth (m)				2.50
Date Sampled				09/03/2021
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
Stone Content	%	0.1	NONE	< 0.1
Moisture Content	%	0.01	NONE	13
Total mass of sample received	kg	0.001	NONE	1.5

Asbestos in Soil	Type	N/A	ISO 17025	-
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5
Total Cyanide	mg/kg	1	MCERTS	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0
Total Sulphate as SO ₄	mg/kg	50	MCERTS	220
Total Sulphate as SO ₄	%	0.005	MCERTS	-
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.031
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	-
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	-
Total Sulphur	mg/kg	50	MCERTS	190
Total Sulphur	%	0.005	MCERTS	-
Ammoniacal Nitrogen as NH ₄	mg/kg	0.5	MCERTS	-
Ammonium as NH ₄ (10:1 leachate equivalent)	mg/l	0.05	MCERTS	-
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	0.0034
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80
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Analytical Report Number: 21-62184

Project / Site name: Ambrose Street Manchester

Your Order No: 317 20 365

Lab Sample Number				1800757
Sample Reference				WS4A
Sample Number				GT
Depth (m)				2.50
Date Sampled				09/03/2021
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
Heavy Metals / Metalloids				
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	9.6
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	1.2
Boron (water soluble)	mg/kg	0.2	MCERTS	0.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	34
Lead (aqua regia extractable)	mg/kg	1	MCERTS	43
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	34
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	68
Magnesium (water soluble)	mg/kg	5	NONE	-
Magnesium (leachate equivalent)	mg/l	2.5	NONE	-
Petroleum Hydrocarbons				
TPH C10 - C40	mg/kg	10	MCERTS	< 10
TPH2 (C6 - C10)	mg/kg	0.1	MCERTS	< 0.1

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number: 21-62184

Project / Site name: Ambrose Street Manchester

Your Order No: 317 20 365

Lab Sample Number				1800758	1800759	1800760	1800761
Sample Reference				WS1	WS2	WS3	WS4A
Sample Number				MG	MG	MG	MG
Depth (m)				0.30	0.70	0.50	1.50
Date Sampled				09/03/2021	09/03/2021	09/03/2021	09/03/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Leachate Analysis)	Units	Limit of detection	Accreditation Status				

General Inorganics

pH	pH Units	N/A	ISO 17025	7.2	9.3	8.1	8.1
Total Cyanide (Low Level 1 µg/l)	µg/l	1	ISO 17025	< 1.0	22	< 1.0	< 1.0
Free Cyanide (Low Level 1 µg/l)	µg/l	1	ISO 17025	< 1	< 1	< 1	< 1
Dissolved Organic Carbon (DOC)	mg/l	0.1	NONE	4.87	13.5	5.28	3.22

Heavy Metals / Metalloids

Arsenic (dissolved)	µg/l	1	ISO 17025	4.4	39	3.3	< 1.0
Beryllium (dissolved)	µg/l	0.2	ISO 17025	0.9	0.9	0.5	< 0.2
Boron (dissolved)	µg/l	10	ISO 17025	23	44	43	21
Cadmium (dissolved)	µg/l	0.08	ISO 17025	0.32	< 0.08	< 0.08	< 0.08
Chromium (hexavalent)	µg/l	5	ISO 17025	< 5.0	< 5.0	< 5.0	< 5.0
Chromium (dissolved)	µg/l	0.4	ISO 17025	3.2	3.8	0.6	1.3
Copper (dissolved)	µg/l	0.7	ISO 17025	44	20	7.1	9.6
Lead (dissolved)	µg/l	1	ISO 17025	21	22	< 1.0	< 1.0
Mercury (dissolved)	µg/l	0.5	ISO 17025	< 0.5	< 0.5	< 0.5	< 0.5
Nickel (dissolved)	µg/l	0.3	ISO 17025	7.2	9.5	4.8	5.0
Selenium (dissolved)	µg/l	4	ISO 17025	< 4.0	< 4.0	< 4.0	< 4.0
Vanadium (dissolved)	µg/l	1.7	ISO 17025	< 1.7	< 1.7	< 1.7	< 1.7
Zinc (dissolved)	µg/l	0.4	ISO 17025	1100	20	12	7.2

Calcium (dissolved)	mg/l	0.012	ISO 17025	11	48	26	12
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U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number : 21-62184

Project / Site name: Ambrose Street Manchester

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1800747	TP2	GT	0.7	Brown clay and sand with gravel.
1800748	WS1	MG	0.3	Brown clay and sand with gravel and clinker.
1800749	WS1	AL	1.5	Brown clay and sand.
1800750	WS1	AL	2.00-2.45	Brown clay and sand.
1800751	WS1	GT	2.9	Brown clay and sand with gravel.
1800752	WS2	MG	0.7	Grey clay and sand with gravel.
1800753	WS2	GT	2.20-2.45	Brown clay with gravel.
1800754	WS3	MG	0.5	Brown clay and sand with gravel.
1800755	WS3	GT	2.5	Brown clay with gravel.
1800756	WS4A	MG	1.5	Grey clay with gravel.
1800757	WS4A	GT	2.5	Brown clay with vegetation and gravel

Analytical Report Number : 21-62184

Project / Site name: Ambrose Street Manchester

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
NRA Leachate Prep	10:1 extract with de-ionised water shaken for 24 hours then filtered.	In-house method based on National Rivers Authority	L020-PL	W	NONE
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Metals by ICP-OES in leachate	Determination of metals in leachate by acidification followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Boron in leachate	Determination of boron in leachate. Sample acidified and followed by ICP-OES.	In-house method based on MEWAM	L039-PL	W	ISO 17025
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES.	In-house method based on Second Site Properties version 3	L038-PL	D	MCERTS
Hexavalent chromium in leachate	Determination of hexavalent chromium in leachate by acidification, addition of 1,5 diphenylcarbazine followed by colorimetry.	In-house method	L080-PL	W	ISO 17025
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazine followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Free cyanide in soil	Determination of free cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Fraction of Organic Carbon in soil	Determination of fraction of organic carbon in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Magnesium, water soluble, in soil	Determination of water soluble magnesium by extraction with water followed by ICP-OES.	In-house method based on TRL 447	L038-PL	D	NONE
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
pH at 20oC in leachate	Determination of pH in leachate by electrometric measurement.	In house method.	L005-PL	W	ISO 17025

Analytical Report Number : 21-62184

Project / Site name: Ambrose Street Manchester

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Total sulphate (as SO ₄ in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total Sulphur in soil	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
TPH ₂ (Soil)	Determination of hydrocarbons C ₆ -C ₁₀ by headspace GC-MS.	In-house method based on USEPA8260	L088-PL	W	MCERTS
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Dissolved Organic Carbon in leachate	Determination of dissolved organic carbon in leachate by the measurement on a non-dispersive infrared analyser of carbon dioxide released by acidification.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L023-PL	W	NONE
Ammonium as NH ₄ in soil	Determination of Ammonium/Ammonia/ Ammoniacal Nitrogen by the colorimetric salicylate/nitroprusside method, 10:1 water extraction.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L082-PL	W	MCERTS
TPH Chromatogram in Soil	TPH Chromatogram in Soil.	In-house method	L064-PL	D	NONE
TPH Banding in Soil by FID	Determination of hexane extractable hydrocarbons in soil by GC-FID.	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	W	MCERTS
Free cyanide in leachate	Determination of free cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	ISO 17025
Total cyanide in leachate - 1µg/l	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	ISO 17025
Total Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Total Sulphur in soil as %	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Water Soluble Nitrate (2:1) as N in soil	Determination of nitrate by reaction with sodium salicylate and colorimetry.	In-house method based on Examination of Water and Wastewater & Polish Standard Method PN-82/C-04579.08, 2:1 extraction.	L078-PL	W	NONE
Chloride, water soluble, in soil	Determination of Chloride colorimetrically by discrete analyser.	In house method.	L082-PL	D	MCERTS
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS



Analytical Report Number : 21-62184
Project / Site name: Ambrose Street Manchester

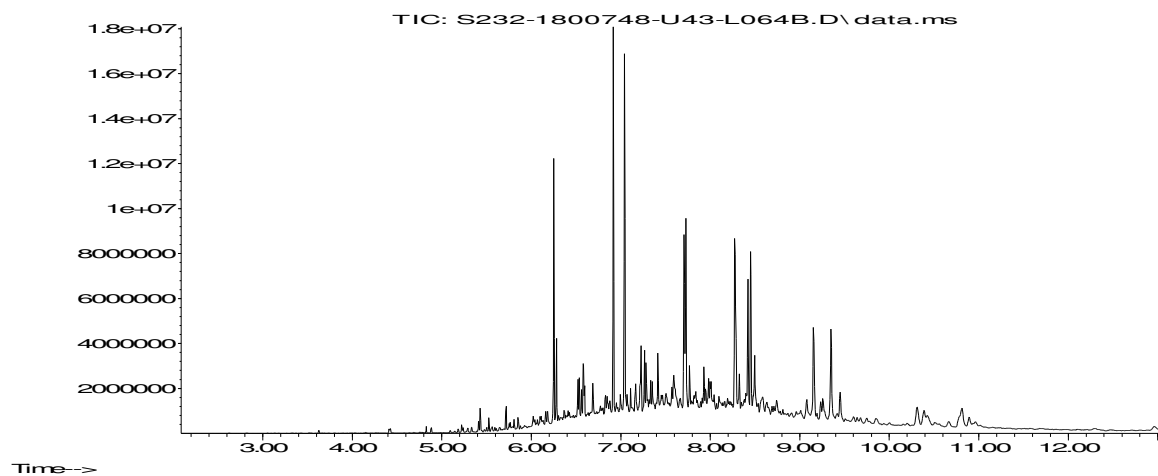
Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

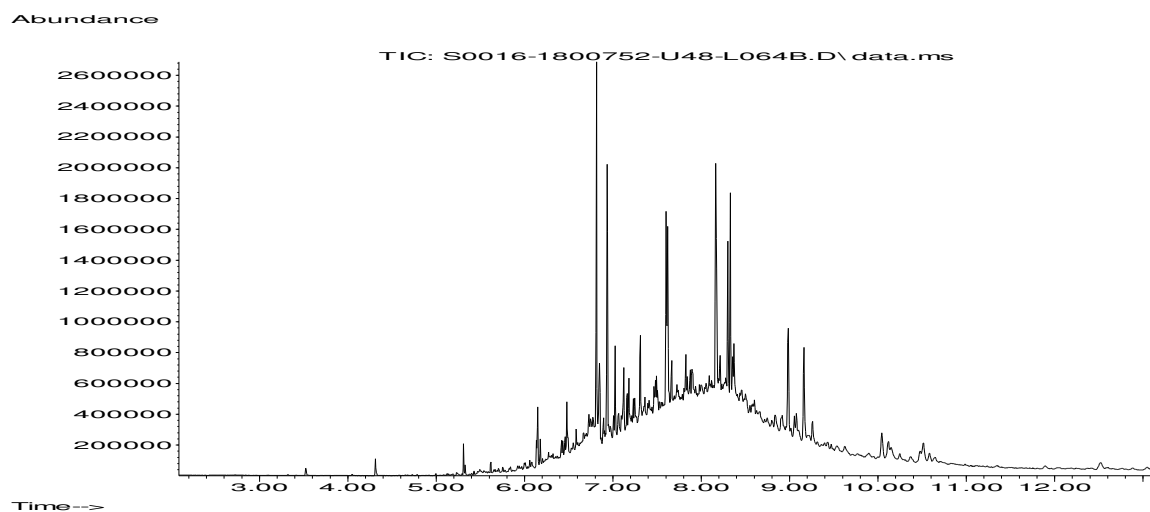
Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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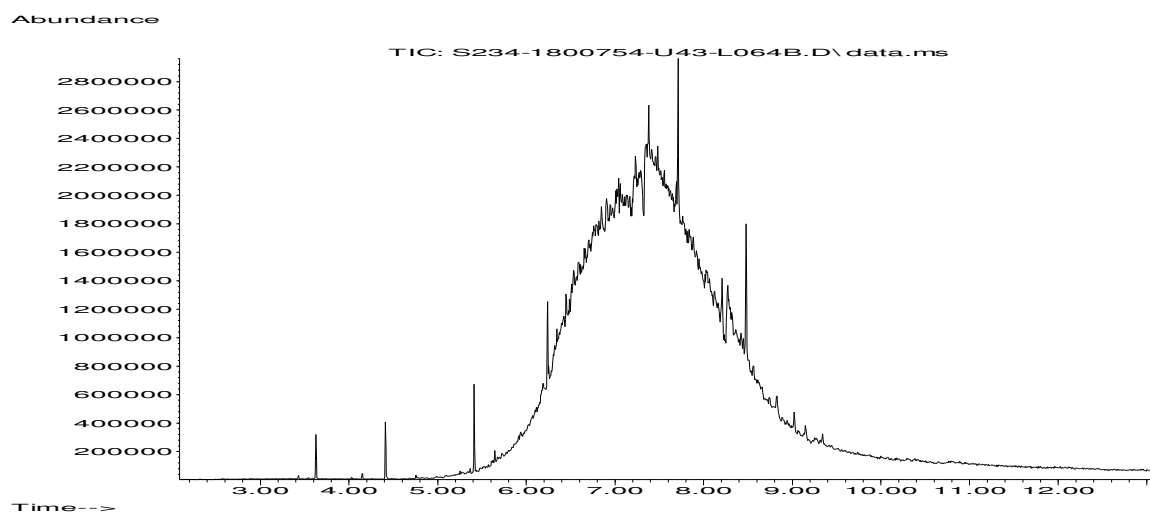
For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
 For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
 Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

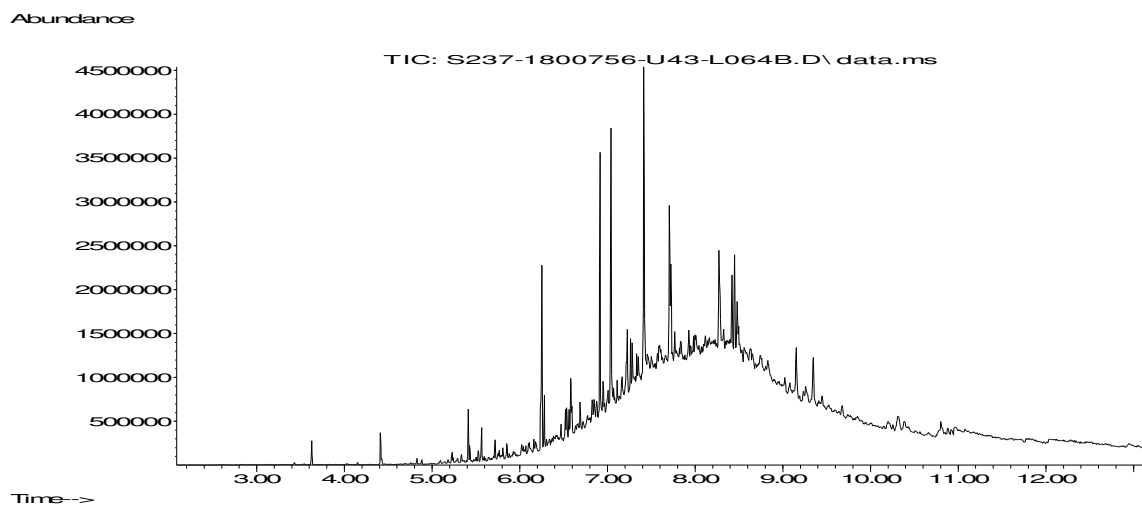
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Abundance











APPENDIX VI

GEOTECHNICAL LABORATORY TEST RESULTS



Laboratory Report



Contract Number: 53063

Client Ref: **317-20-365**

Report Date: **23-03-2021**

Client PO: **317-20-365**

Client **ASL**
Holly Farm Business Park
Honiley
Warwickshire
CV8 1NP

Contract Title: **Ambrose Street, Manchester**
For the attention of: **Ashley Mehaffy**

Date Received: **12-03-2021**

Date Completed: **23-03-2021**

Test Description	Qty
Moisture Content BS 1377:1990 - Part 2 : 3.2 - * UKAS	5
4 Point Liquid & Plastic Limit BS 1377:1990 - Part 2 : 4.3 & 5.3 - * UKAS	5
Samples Received - @ Non Accredited Test	5
Disposal of samples for job	1

Notes: **Observations and Interpretations are outside the UKAS Accreditation**

* - denotes test included in laboratory scope of accreditation

- denotes test carried out by approved contractor

@ - denotes non accredited tests

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved Signatories:

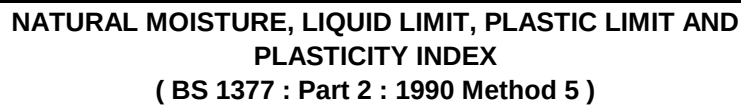
Emma Sharp (Office Manager) - Paul Evans (Quality/Technical Manager) - Richard John (Advanced Testing Manager)

Shaun Jones (Laboratory manager) - Wayne Honey (Administrative/Quality Assistant)

GEO Site & Testing Services Ltd

Unit 3-4, Heol Aur, Dafen Ind Estate, Dafen, Llanelli, Carmarthenshire SA14 8QN

Tel: 01554 784040 Fax: 01554 784041 info@gstl.co.uk gstl.co.uk

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APPENDIX VII

QUALITATIVE RISK ASSESSMENT

STEP 2: BASIC SETTINGS

Apply Settings to Model

Back to Guide

SELECT LAND USE Commercial

RATIO MODE ☐

LAND USE OPTIONS

RECEPTOR Female (com)

BUILDING Office (pre 1970)

SOIL TYPE Sandy clay loam

START AC 17

END AC 17

pH 7

SOM (%) 4.44

EXPOSURE PATHWAYS

ORAL ROUTES

- direct soil and dust ingestion ☒
- consumption of homegrown produce ☐
- soil attached to homegrown produce ☐

DERMAL ROUTES

- indoor ☒
- outdoor ☒

INHALATION ROUTES

- indoor dust ☒
- outdoor dust ☒
- indoor vapour ☒
- outdoor vapour ☒

STEP 5: RESULTS

Find AC

[Print Reports](#)

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