2/4 Little Lever Street, Manchester

APPENDIX Bi

SOILTECHNICS

ENVIRONMENTAL CONSULTANTS, GEOTECHNICAL ENGINEERS

Proposed Residential Development
35, Back Piccadilly
Manchester

GROUND INVESTIGATION REPORT

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EXECUTIVE SUMMARY

GENERAL

We recommend the following executive summary is not read in isolation to the main report which follows.

SITE DESCRIPTION, HISTORY AND PROPOSALS

We understand the site formerly comprised two, adjoining multi-storey buildings with basements. At the time of investigation these had been demolished.

We understand the project will comprise the construction of a nine storey building which will include two levels of car parking. No garden/landscaped areas are proposed at the site.

GROUND CONDITIONS ENCOUNTERED

Each exploratory excavation encountered a similar profile of soils considered to be, in order of superposition; Made Ground, Glacial Till and Permian and Triassic Sandstone. Made Ground deposits were encountered to a maximum depth of 1.45m, and the Glacial Till extended to depths of between 19.5m and 21.0m below existing basement level.

FOUNDATION SOLUTION

Based on site development proposals and ground conditions encountered at the site, we recommend that a pile foundation solution is adopted at the site.

CHEMICAL/GASEOUS CONTAMINATION

Elevated concentrations of lead and sulphate were recorded within some of the Made Ground samples taken from the site. Based development proposals and ground conditions at the site however, no remedial requirements are considered necessary at the site.

Should site development proposals change, then we recommend that this report is referred back to Soiltechnics for reassessment.

A registered landfill site is recorded some 900m east of the site. The cohesive glacial soils underlying the site in our opinion however, are effectively impermeable to landfill type gas migration. The site in our opinion therefore, poses a low risk of potential landfill gas contamination.

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1.0 INTRODUCTION

1.1 Objectives

1.1.1 This report describes a ground investigation carried out for the redevelopment of a site at 35 Back Piccadilly, Manchester.

1.1.2 The principal objective of the ground investigation was to establish ground conditions at the site, sufficient to identify possible foundation solutions for the development and provide parameters necessary for the design and construction of foundations.

1.1.3 The investigation included an evaluation of potential chemical and gaseous contamination of the site leading to the production of a risk assessment in relation to contamination.

1.1.4 Our brief also included investigations and testing to allow classification of soils at the site to dispose to landfill. Our report on this aspect is separately presented.

1.2 Client Instructions and Confidentiality

1.2.1 The investigation was carried out in October 2005 and reported in January 2006, acting on instructions received from Ashgate Developments Limited acting on behalf of Mount Services Limited.

1.2.2 This report has been prepared for the sole benefit of our client, Mount Services Limited, but this report, and its contents, remains the property of Soiltechnics Limited until payment in full of our invoices in connection with production of this report.

1.2.3 Our original investigation proposals were outlined in our letter to Ashgate Developments Limited. The investigation generally followed our original investigation proposals. The investigation process was also determined to maintain as far as possible the original investigation budget costs.

1.3 Site Location and Development Proposals

1.3.1 The National Grid reference for the site is 384540 398320. A plan showing the location of the site is presented on Drawing STB0620D-02.

1.3.2 We have not received a proposed layout of the development, but we understand that it will comprise the construction of a nine storey building which will include two levels of car parking. We understand the existing basement void will not be utilised and no garden/landscaped areas are proposed at the site.

1.4 Report Format and Investigation Standards

1.4.1 Sections 1 to 5 of this report describe the factual aspects of the investigation with Section 6 presenting an engineering assessment of the investigatory data. Section 7 provides a risk assessment of chemical and gaseous contamination based on readily available historic records, inspection of the soils and laboratory testing.

1.4.2 This investigation integrates both contamination and geotechnical aspects. The investigation was carried out generally, and where practical following the recommendations of BS5930: 1999 '*Code of Practice for Site Investigations*'. The investigation process also followed the principles of BS10175: 2001 *'Investigation of potentially Contaminated Sites – Code of Practice'*. In view of the client's requirement for rapid implementation of the investigation, the following elements, defined in BS10175, have been completed and incorporated in this report.

a) Phase I Preliminary investigation (desk study and site reconnaissance)

b) Phase II Exploratory and main (intrusive) investigations

The extent and result of the preliminary investigation (desk study) is reported in Section 2. Fieldwork combined the exploratory investigation and main investigation stages into one phase with the extent of these works described in Sections 3 and 5 of this report. Any supplementary investigations deemed necessary as a result of deficient information obtained by investigations, completed to date, are identified in Section 8.

1.4.3 Our investigations included testing to allow classification of soils at the site to disposed of to landfill. Our report on this aspect is separately presented.

1.5 Status of this Report

1.5.1 This report is final based on our current instructions.

1.5.2 This investigation has been carried out and reported based on our understanding of best practice. Improved practices, technology, new information and changes in legislation may necessitate an alteration to the report in whole or part after publication. Hence, should the development commence after expiry of one year from the publication date of this report then we would recommend the report be referred back to Soiltechnics for reassessment. Equally, if the nature of the development changes, Soiltechnics should be advised and a reassessment carried out if considered appropriate.

2.0 DESK STUDY INFORMATION

2.1 General

2.1.1 We have carried out a desk study which was limited to the collection of readily available information. This included:

a) Retrieval of published Ordnance Survey maps dating back to 1892 at 1:2500 and 1:10000 scales where applicable.

b) Inspection of geological maps produced by the British Geological Survey together with relevant geological memoirs.

c) Consultation with;

i) Statutory Undertakers
iii) The Coal Authority

d) Site reconnaissance

e) Other relevant published documents

Section a) was carried out by Envirocheck. The report prepared by Envirocheck is presented in Appendix J. In addition to retrieval of historical and current Ordnance Survey data, Envirocheck provide information compiled from outside agencies including: -

Environment Agency
Institute of Hydrology
British Geological Survey
Countryside Council for Wales
Scottish National Heritage
English Nature

The study did not extend to research of meteorological information or consultation with other interested parties such as English Heritage (ancient monuments), Ordnance Survey (survey control points), Planning Authorities or Archaeological Units.

2.2 Description of the Site

2.2.1 We understand from Ashgate Developments Limited the site formerly comprised two, multi-storey buildings with basements. At the time of the investigation, the buildings which formerly occupied the site had been demolished. The basement retaining walls remained, such that levels across the site were approximately 2.5m below surrounding ground levels. A ramp enabled access to the site, which was comprised of demolition rubble.

2.2.2 The site is bounded by Back Piccadilly, Little Lever Street, and Cavell Street to the southwest, northwest and northeast of the site respectively, whilst the southeastern boundary comprises an adjoining multi storey building. Buildings overlooking the site comprise both commercial and residential usage.

2.2.3 No vegetation was present at the site, and levels, with the exception of the ramped access, were generally consistent.

2.2.4 A plan showing the observed site features and location of exploratory points is presented on Drawing STB0620D-02.

2.3 History of the Site

2.3.1 An attempt to trace the history of the site has been carried out by obtaining copies of old Ordnance Survey maps provided by Envirocheck. These maps are presented in Appendix J, but have been reduced from A3 size to A4 (70%) for ease of presentation. This size reduction affects the scale recorded on the maps. We can provide A3 copies if required. Soiltechnics Limited holds a limited copyright licence to reproduce the enclosed Ordnance Survey material and has to pay royalties on copies. Should you wish to obtain further copies of the Ordnance Survey maps included in this report an appropriate licence is required. We will be pleased to provide additional reports at an appropriate fee.

2.3.2 The recent history of the site based on published Ordnance Survey maps is summarised on the following table: -

Dates	Historical Usage	Comments
1892-1933	Two buildings, suspected to be concurrent with the layout of the buildings that have recently been demolished.	The layout of the site and the surrounding buildings are suspected to be concurrent with the recently demolished buildings. A number of the surrounding buildings are recorded as being hotels. A cotton mill is recorded some 350m to the south of the site. Tree covered open ground is indicated some 150m to the southwest of the site, which is recorded as Manchester Royal Infirmary in 1908 and a library in 1922. A canal wharf, and associated buildings are indicated some 300m east of the site. Victoria Station (and Exchange Station), London Road Station and Central Station, are all located within 1km of the site to the northwest, southeast and southwest of the site respectively.
1948-1992	As above	A paint works, machine tool works and printing works are indicated some 300m to the east and north of the site. A series of warehouses are indicated within 400m of the site. Ground formerly occupied by the library is now recorded as Piccadilly Gardens. The land formerly occupied by Dale Street Wharf is recorded as a car park after 1971, at which time a builders yard is recorded some 300m east of the site. Central Station is disused after 1972 and London Road Station becomes Piccadilly Station.
1999	As above	Bus station indicated to the south of Piccadilly Gardens.

Table reference 2.3.2

2.3.3 Although it is not indicated upon the historical maps, we understand from Ashgate Developments Limited that part of the site may have been formerly occupied by a mill.

2.4 Geology and Geohydrology of the Area

2.4.1 Geology of the Area

2.4.1.1 Inspection of the geological map of the area (at 1: 50000 scale) published by the British Geological Survey indicates the topography local to the site (based on borehole/observations recorded on the map) is formed in the following sequence of soils.

Strata	Approximate thickness (m)	Typical soil type	Likely permeability
Glacial Till	>5m	Clay, sands and gravels	Low
Triassic Sandstone	>20m	Sand	High

Table reference 2.4.1

The soil types and assessment of permeability's are based on geological memoirs.

2.4.2 Geohydrology – aquifer designation and groundwater vulnerability

2.4.2.1 Envirocheck reports the site is located in an area designated a major aquifer probably reflecting the underlying geology comprising Triassic Sandstone, which are likely to be reasonably permeable deposits. A major aquifer is defined by the Environment Agency in their publication *'policy and practice for the protection of groundwater'* on highly permeable formations. They are highly productive and able to support large abstractions for public water supply and other purposes. In addition, Envirocheck provide an extract of the groundwater vulnerability map recording the soils containing the aquifer is a high leaching potential. These soils have little ability to attenuate diffuse source pollutants. Non-absorbed diffuse source pollutants and liquid discharges will percolate rapidly through them. The groundwater vulnerability map also records a sub class of soil type U, (undifferentiated). In such a case there is insufficient information to classify the soils accurately and generally a default class of H1 is adopted. A sub class of H1 is defined as a soil which readily transmits liquid discharges because they are either shallow or susceptible to rapid by-pass flow directly to rock, gravel or groundwater.

2.4.3 Geohydrology – water abstractions

2.4.3.1 Envirocheck report three abstraction points within 1km of the site, with the nearest located some 530m to the southwest. One of these licences has been revoked, whilst permit end dates are not available for the remaining two licenses which are abstracted for general cooling purposes.

2.4.4 Geohydrology – source protection zone

2.4.4.1 Envirocheck does not record the site is located within a zone protecting a potable water supply abstracting from a major aquifer (i.e. a source protection zone).

2.5 Environmental Study

2.5.1 We have instructed Envirocheck to carry out a search of their records and report on the following aspects: -

Agency and Hydrological

Air Pollution Controls ("APC")
Discharge Consents to Controlled Waters
Enforcement and Prohibition Notices
Integrated Pollution Controls ("IPC")
Nearest Surface Water Feature
Pollution Incidents to Controlled Waters
Prosecutions relating to Authorised Processes
Prosecutions to Controlled Waters
Red List Discharge Consents
Radioactive Substance Authorisations ("RSA")
River Quality Data
Water Abstractions
Groundwater Vulnerability
Drift Deposits
Fluvial Indicative Flood Plain
Tidal Indicative Flood Plain
Source Protection Zones

Waste

BGS Recorded Landfill Sites
Integrated Pollution Control registered Waste Sites
Registered Waste Transfer Sites
Registered Waste Treatment or Disposal Sites
Registered Landfill Sites

Hazardous Substances

Planning Hazardous Substance Consents
Planning Hazardous Substance Enforcements
COMAH Sites
Explosive Sites
NIHHS Sites

Geological

BGS Boreholes
BGS Recorded Mineral Sites
BGS 1:625,000 Surface Geology
Coal Mining Affected Areas
Shallow Mining Hazards
Natural Subsidence Hazard
Radon Affected Area
Radon Protection Measures

Industrial Land Use

Contemporary Trade Directory Entries (of possible contaminative use)
Fuel Station Entries
Post 1995 Planning Applications (of possible contaminative use)
Potentially Contaminative Uses (Past Use)
Potentially Contaminative Uses (Non-Water Related)
Potentially Contaminative Uses (Water Related)
Nearest Overhead Transmission Line

Sensitive Land Use

Adopted Green Belt
Unadopted Green Belt
Areas of Outstanding Natural Beauty
Environmentally Sensitive Areas
Forest Parks
Local Nature Reserves
Marine Nature Reserves
National Nature Reserves
National Parks
National Scenic Areas
Nitrate Sensitive Areas
Nitrate Vulnerable Zones
RAMSAR Sites
Sites of Special Scientific Interest ("SSSI")
Special Areas of Conservation
Special Protection Areas

2.5.2 A copy of records produced by Envirocheck is presented in Appendix J.

2.5.3 Envirocheck produce a wealth of factual database information. Although we can provide a discussion on each of the database topics, this would produce a very lengthy document, but some of these discussions would not be relevant to the aims of this report. As a consequence we have extracted some of the relevant geotechnical topics (including flood risk) and discussed them in this section of the report. Key environmental issues from the Envirocheck database are discussed in Section 7.

2.6 Coal Mining Records

2.6.1 We have instructed The Coal Authority to carry out a search of their records centred on the development site. A copy of their report is presented in Appendix I. They have indicated that the property is not within a zone of likely physical influence from past or present underground coal workings. The report does however state that reserves of coal exist in the locality of the site, which could be worked at some time in the future, subject to feasibility, licences and planning consents.

2.7 Radon

2.7.1 With reference to the Building Research Establishment (BRE) publication *"Radon: guidance on protective measures for new dwellings", (1999)* the site is located where **no protection** is considered necessary. Envirocheck use the British Geological Survey database to review reported radon levels in an area in which the site is located to establish recommended radon protection levels for new dwellings. The database confirms the BRE recommendations.

2.7.2 It is noteworthy that the BRE and BGS information is based on statistical analysis of measurements made on houses in combination with geological units, which are known to emit radon. Therefore there is a risk for actual radon levels at the site to exceed the levels assessed by the BGS / BRE. Currently, the only true method of checking actual radon levels is by measurement within a house on the site over a 3 month period.

2.8 Enquiries with Statutory Undertakers

2.8.1 We have contacted the following Statutory Undertakers (SUs) to obtain copies of their records in order to avoid damaging their apparatus during our fieldwork activities: -

a) British Telecommunications plc
b) Transco
c) United Utilities North West

2.8.2 Copies of responses received prior to publication of this report are presented in Appendix H. These records have been obtained solely for the purposes described above. Some of these records have been obtained from the Internet and from our database without contacting the statutory undertaker direct. Occasionally, SU information is recorded on drawings larger than A3, and thus cannot be easily presented in this report. In such cases we will copy the correspondence but not incorporate the drawing in this report, and maintain the records on our office file.

2.8.3 Normally Statutory Undertakers drawings record the approximate location of their services. We recommend further on site investigations be undertaken to confirm the position of the apparatus and thus establish the effect on the proposed development and the necessity or otherwise for the permanent or temporary diversion of the service to allow the construction of the development to safely and successfully proceed.

2.8.4 It should be noted that statutory undertakers' records normally exclude private services.

2.9 Flood Risk

2.9.1 The Envirocheck report indicates the site is **not located** within a Fluvial or Tidal flood plain, though areas designated at risk from flooding and extreme flooding are indicated within 1km of the site. We would recommend, therefore, that clarification of flood risk and the implications of flooding be sought within the Environment Agency.

2.10 Shallow mining and natural subsidence hazards

2.10.1 Envirocheck use the British Geological Survey database to establish hazard ratings for shallow minings and natural subsidence hazards. The database indicates the following ratings for the site.

a) Shallow mining hazard rating: **No hazard**

b) Landslide ground stability hazard rating: **Very Low**

c) Ground dissolution stability hazard rating: **No hazard**

d) Collapsible ground stability hazard rating: **No hazard**

e) Compressible ground stability hazard rating: **No hazard**

f) Running sand ground stability hazard rating: **Very Low**

g) Shrinking or swelling clay ground stability hazards: **Very Low**

2.11 Borehole Records

2.11.1 The British Geological Survey (BGS) retain records of boreholes formed from ground investigations carried out on a nationwide basis. A listing of borehole records within 1000m of the site is produced in the Envirocheck Report presented in Appendix J.

2.11.2 We do not normally obtain copies of these records but can do on further instructions. There is normally a charge made by the BGS for retrieving and copying these records.

2.12 Mining and dissolution hazards

2.12.1 Envirocheck's database indicates the subject site **is not** within a zone of conclusive rock mining based upon the findings of a report completed by Ove Arup and Partners in December 1991, commissioned by the Department of the Environment ("DoE"). It forms part of the Geology and Mining Planning Research Programme of the DoE, aimed at assessing the significance of environmental hazards and their influence on planning and control of development. The main objective of the data is to indicate where mining should be borne in mind when considered planning and development of land.

3.0 FIELDWORK

3.1 General

3.1.1 Fieldwork comprised the excavation of three trial pits and two boreholes. Fieldwork was carried out between 24th and 25th October 2005.

3.1.2 A plan of the site showing observed/existing site features (including site reconnaissance notes) and position of exploratory points is presented on Drawing STB0620D-02. The position of exploratory points shown on these plans is approximate only and confirmation of these positions is subject to dimensional surveys, which is considered outside our brief.

3.1.3 The extent of fieldwork activities and position of exploratory points were defined by Soiltechnics Ltd in conjunction with Ashgate Developments Limited.

3.1.4 Exploratory points were positioned to avoid known locations of underground services, and to provide a reasonable coverage of the site.

3.1.5 Prior to commencement of exploratory excavations an electronic cable locating tool was used to scan the area of the excavation. If we received a response to this equipment then the excavation would be relocated.

3.1.6 All soils/rocks exposed in excavations were described in accordance with BS5930: 1999 "*Code of Practice for Site Investigations*".

3.2 Site Restrictions

3.2.1 The demolition rubble-access ramp, prevented intrusive investigations toward the northwest of the site and due to surface softening of the soils, winching was required to move the cable and tool percussive rig to each borehole location. A groundwater entry restricted the depth of our hand excavated trial pit, TP01.

3.3 Exploratory Trial Pits

3.3.1 The trial pits were excavated using hand tools to a maximum depth of 1.55 metres, below surface levels at the site (3.45m below surrounding ground surface levels).

3.3.2 Trial pits TP01 and TP02 were undertaken in an attempt to expose the foundation arrangements along the northeastern boundary of the site. Trial pit TP03 was undertaken to retrieve near surface samples for subsequent laboratory analysis. The trial pit excavations were backfilled with excavated material, which was compacted using hand held ramming tools. The surface was reinstated to match the original surroundings. A Geotechnical Engineer supervised the excavations.

3.3.3 Sampling and logging was carried out as trial pit excavations proceeded but were not entered at depths exceeding 1.2 metres, or where trial pit sides were deemed unstable. The density of granular soils encountered in excavations was gauged by the ease of excavation.

3.3.4 Soil samples for subsequent laboratory determination of concentration of chemical contaminants were taken from the sides of trial pits using clean stainless steel equipment and stored in new plastic containers, which were labelled and sealed. The stainless steel sampling equipment was cleaned with deionised water between sampling points. If as a consequence of visual or olfactory evidence, a sample was suspected to be contaminated by organic material, the sample was stored in an amber glass jar with a PTFE sealing washer.

3.3.5 Soil samples for subsequent 'physical' laboratory testing were taken from the side of trial pits. The sample was placed in a plastic bag and subsequently sealed and labelled.

3.3.6 Soil samples were taken to meet the requirements of class 3, 4 or 5 as described in BS5930: 1999 (table 2) with the sample sizes in accordance with Table 3 of the same standard. Sample sizes were appropriate for the laboratory test being considered.

3.3.7 Where possible, a pocket penetrometer was used in the cohesive soils encountered. This tool is deemed to measure the apparent ultimate bearing capacity of the soil under test. The pocket penetrometer is calibrated in kg/cm^2. The reading can be approximately converted to equivalent undrained shear strength by multiplying the results by a factor of 50. Tests were carried out in the sides of trial pits when access can be safety achieved otherwise testing was carried out on excavated intact clods. The results are reported in columns to the right of trial pit results. The pocket penetrometer is not covered by British Standards. This tool has the advantage that it can be used to determine the approximate insitu undrained shear strength of stony cohesive soils.

3.3.8 Trial pit records are presented in Appendix B. Photographic records of trial pits are presented in Appendix C.

3.4 Light Cable and Tool Percussion Boring

3.4.1 Boreholes BH01 and BH02 were excavated using light cable percussion boring techniques as described in BS5930: 1999 forming 150mm diameter holes. Temporary casing was advanced within the borehole excavation to maintain the stability of the hole. When groundwater was encountered the excavation was temporarily halted to allow for groundwater observations to be made. Following groundwater observations the casing was advanced within the hole and the locations of the water strikes recorded. The casing was subsequently advanced to maintain the stability of the borehole and seal off the water to prevent further ingress. Additional records were taken when (and if) the casing produced a seal against water ingress. When obstructions were encountered a chisel was employed to break through the obstruction. Time taken to progress the excavation using the chisel is recorded on the borehole logs.

3.4.2 On completion of excavations the boreholes were backfilled with excavated soils and compacted using drilling tools.

3.4.3 Soil samples for subsequent laboratory determination of concentration of chemical contaminants were taken from 'intact' bulk disturbed samples obtained in the cutting shoe of the drilling rig. A sub sample was obtained discarding soil, which would have been in contact with the drilling rig cutting shoe with the subsamples taken using clean stainless steel equipment. In all cases the stainless steel equipment was cleaned with deionised water between sampling with samples stored in new plastic containers, which were labelled and sealed. If as a consequence of visual or olfactory evidence, a sample was suspected to be contaminated by organic material, the sample was stored in an amber glass jar with a PTFE sealing washer.

3.4.4 Bulk soil samples for identification or subsequent 'physical' laboratory testing were taken from borehole cutting equipment. The sample were placed in a plastic bag and subsequently sealed and labelled. Bulk soil samples were taken to meet the requirements of class 3, 4 or 5 as described in BS5930: 1999 with the sample sizes in accordance with Table 1 of the same standard. Sample sizes were appropriate for the laboratory test being considered.

3.4.5 'Undisturbed' 100mm diameter samples were taken in cohesive soils when considered appropriate using a general-purpose open tube sampler. Every attempt was made to obtain class 1 sample to BS5930 (1999) but class 2 samples were more likely (refer BS5930: 1999 for an explanation). The undisturbed sample was obtained in a plastic liner and sealed with wax prior to labelling. The number of blows of the standard driving hammer is required to obtain the sample is recorded on borehole records.

3.4.6 Standard Penetration Testing (SPT) was carried out at regular frequencies in the borehole. The test was carried out in accordance with BS1377: 1990 Part 9 *'Method of Test for soils for Civil Engineering Purposes'* (method 3.3). Details of the test, as required by BS1377: 1990 are recorded in borehole records. The drive rods were type AW up to 20m depth and type BW for depths in excess of 20m. Samples taken from the open sampler (SPT) were placed in a plastic bag, sealed and labelled. In coarse granular soils, a solid 60° cone may have been used to replace the SPT cutting shoe. This test is reported as SPT(C). A graphical summary of standard penetration testing is presented on Drawing STB0620D-03.

3.4.7 The borehole excavations were formed by drillers accredited by the British Drilling Association with samples re-logged by an experienced Geotechnical Engineer.

3.4.8 Records of boreholes formed by light cable and tool percussion drilling techniques are presented in Appendix D.

3.5 Sampling Strategy

3.5.1 In general we adopted a judgemental sampling strategy in relation to potential chemical contamination. The location and frequency of sampling was carried out in consideration of the following:-

i) Location of potential contamination sources
ii) Topography
iii) Geology (Including Made Ground)
iv) Nature of development proposals

Sampling for classification testing was also judgemental with the frequency and location of sampling relating to: -

i) Geology
ii) Topography
iii) Nature of development proposals

3.5.2 Samples are stored for a period of one month following issue of this report unless otherwise required.

4.0 GROUND CONDITIONS ENCOUNTERED

4.1 Soils / Rocks

4.1.1 Each exploratory excavation encountered a similar profile of soils considered to be, in order of superposition: -

- Made Ground
- Glacial Till
- Permian and Triassic Sandstone

4.1.2 Made Ground comprised firm dark brown slightly sandy, gravelly clay with occasional cobbles of brick. Gravels comprised brick, flint and quartz.

4.1.3 Glacial deposits comprised both cohesive and granular soils. The near surface glacial material comprised firm and stiff brown sandy slightly gravelly clay, with occasional cobbles at depth. Gravels and cobbles comprised flint and quartz. The cohesive, glacial deposits extended to depths of 9.5m and 11.0m below the existing basement level within boreholes BH01 and BH02 respectively.

4.1.4 The underlying glacial deposits comprised banded cohesive and granular deposits. The more granular deposits comprised medium dense, dense and very dense brown sands and gravels with many cobbles. The gravel and cobbles comprised quartz and flint. The banded cohesive soils comprised stiff and very stiff dark brown sandy clay with occasional cobbles of flint and quartz. Glacial Till was encountered to depths of 21.0m and 19.7m, below existing basement level, within borehole BH01 and BH02 respectively.

4.1.5 The Permian and Triassic Sandstone comprised very weak, poorly cemented, highly friable, red brown sandstone. Boreholes met with refusal within the sandstone at depths of 21.7 and 20.5m within boreholes BH01 and BH02 respectively.

4.1.6 The investigation confirmed published geological records.

4.2 Groundwater

4.2.1 Groundwater inflows were observed in some / many of the exploratory excavations. A summary of our observations is tabulated below:

Exploratory point	Depth (m) below existing basement level	Observations
TP01	0.75	Standing level
BH01	18m	Rising to 17.2m in 10 mins
BH01	21m	Rising to 15.0m in 10 mins
BH02	11m	Rising to 10.4m in 10 mins
BH02	19m	Rising to 15.0m in 10 mins

Table reference 4.3.1

4.2.2 It should be noted that water levels will vary depending generally on recent weather conditions and only long term monitoring of levels in piezometers will provide a measure of seasonal variations in groundwater levels.

5.0 LABORATORY TESTING

5.1 Laboratory testing was carried out as deemed necessary and limited to the following: -

- In accordance with BS1377: 1990 *"Methods of Test for Soils for Civil Engineering Purposes"*.

  a) Classification tests: (to part 2)

     i) Determination of moisture content (method 3)

     ii) Determination of the liquid limit – one point cone penetrometer method (method 4.4)

     iii) Determination of the plastic limit and plasticity index (method 5)

  b) Chemical and electro chemical tests (to part 3)

     i) Determination of sulphate content of soil and groundwater (method 5)

     ii) Determination of the pH value (method 9)

- Following methods based on and incorporating procedures published in HMSO Series *'Methods for the Examinations of Water and Associated Materials'*.

  a) Determination of concentration of chemical contaminants on soil, and where applicable water samples

  b) Determination of soluble sulphate content.

- Determination of concentration of leachable contaminants

5.2 Laboratory testing was carried out by independent specialist testing houses, which operate quality assurance schemes.

5.3 Copies of laboratory test result certificates are presented in Appendices E and F.

6.0 ENGINEERING ASSESSMENT

6.1 General Description of the Development

6.1.1 The following assessments are made on the investigatory data presented in the preceding sections of this report and are made with reference to specific nature of the development. A brief description of the development is provided in Section 1.

6.1.2 Should the development proposals change then it may be necessary to review the investigation and report.

6.2 Building Foundation, Design and Construction

6.2.1 Definitions of geotechnical terms used in the following paragraphs are provided in Appendix A1.

6.2.2 Based on site development proposals and ground conditions encountered at the site, we recommend that a piled foundation solution is adopted.

6.2.3 *Piled Foundations*

6.2.3.1 It is possible that the new building will be supported off a piled raft with possible retaining walls (if the existing basement is not infilled) and underpinned existing foundations.

6.2.3.2 Two hand excavated trial pits were undertaken to asses the existing foundations along the northeastern boundary. The trial pits encountered corbelled brick foundations extending to depths of 0.3m and 0.6m below existing site basement level in trial pits TP01 and TP02 respectively. It is suspected that these shallow foundations may correspond to the former buildings which occupied the site. Although groundwater entries hampered our excavations, at trial pit TP01 location a second section of foundations was encountered at approximately 1.52m depth below existing basement level. It is anticipated that the deeper foundations may correspond to the existing adjoining building (possibly representing a deeper adjoining basement). The foundation formations were recorded directly on the upper horizons of the Glacial Till soils. We recommend, should these foundations remain then they are suitably underpinned to avoid the potential risk of total and/ or differential settlement.

6.2.3.3 A piled foundation solution would transmit superstructural loads down through the Made Ground and into the Glacial Till and possibly the Permian and Triassic Sandstone at depth to obtain end bearing and shaft adhesion support. The difficulty of boring piles through the dense, glacial gravels and cobbles at the site with potential groundwater entries along with the proximity to underground structures (e.g. existing foundations and possible deep basements) and stresses induced on existing/proposed foundations would have to be considered by any specialist piling company and will affect the method of pile installation.

6.2.3.4 We recommend this report be provided to a specialist piling company to allow the selection of the most appropriate pile type for the development and ground conditions. The contents of this report will also assist in the design of the pile.

6.2.3.5 We recommend piling be carried out following the *"Specification for Piling and Embedded Retaining Walls"* produced by the Institution of Civil Engineers.

6.2.4 Basement retaining walls

6.2.4.1 We understand the proposed building completely covers the site boundaries and the existing basement opening will not be utilised and will either be infilled or capped. The existing retaining walls may be utilised in the short term however dependant upon the vertical load carrying requirements it may be necessary to underpin or install a new permanent retaining wall around the perimeter of the basement. Consideration should be given to the potential risk of overbreak/instability particularly in the Made Ground deposits. In addition, potential high rainfall events and potential perched groundwater pockets may promote progressive instability.

6.3 Influence of Trees and Hedges

6.3.1 Major vegetation was not identified and we understand is not proposed at the site and hence in our opinion the development proposals will not be influenced by vegetation.

6.4 Ground Floor Construction

6.4.1 If a piled foundation is selected then the floor slab can also be piled thus minimising levels of settlement.

6.5 Service Trench Excavations

6.5.1 It is difficult to predict the stability of trench sides from borehole investigations. Generally we would anticipate a risk of some overbreak/instability in the Made Ground deposits however we consider the underlying cohesive Glacial Till deposits will remain stable in the short term.

6.5.2 We anticipate there may be perched groundwater pockets within the near surface Made Ground soils. Such inflows may promote progressive instability in trench sides requiring continuous trench sheet shoring to maintain an open excavation. We anticipate water will be controlled with nominal pumping techniques.

6.5.3 We recommend any trench excavation requiring human entry is shored as necessary to conform with current best practice, and accepted by the Health and Safety Executive (HSE) and in particular, following guidance provided in the HSE construction information sheet No 8 (revision 1) *"Safety in excavations"*.

6.6 Soakaway Potential

6.6.1 The near surface Glacial Till deposits are, in our opinion, effectively impermeable and would not be able to dispose of water using soakaway systems.

6.7 Effect of Ground Conditions on Concrete

6.7.1 Assessment Standards

6.7.1.1 We have adopted procedures described in the Building Research Establishment (BRE) Special Digest 1 '*Concrete in Aggressive Ground*' (Parts 1 and 2) to assess the Aggressive Chemical Environment for Concrete (ACEC) and establish a Design Sulfate class (DS Class).

6.7.2 Assessment Criteria

6.7.2.1 Laboratory test data indicates the soluble sulfate content of near surface soils are less than 2.0g/l. As these results are less than 3.7g/l (refer BRE Digest) then we have not measured the concentration of Magnesium.

6.7.2.2 The pH of soil samples tested range from 7.9 to 8.3. Following the BRE Digest, the characteristic pH is 7.9 (based on the mean of the lowest 20% of test results) which is greater than 5.5 thus the concentration of chloride and nitrate have not been measured.

6.7.2.3 In our opinion water is likely to be static in the near surface soils to and around foundation levels.

6.7.3 Assessment of Aggressive Chemical Environment

6.7.3.1 Based on the above information, and with reference to Table 2 of Special Digest 1 (part2), we are of the opinion that the Made Ground deposits are classified as Design Sulfate Class DS-2 and Aggressive Chemical Environment for Concrete (ACEC) AC-1.

6.7.3.2 The near surface glacial soils are classified as Design Sulfate Class DS-1 and Aggressive Chemical Environment for Concrete (ACEC) AC-1.

6.7.3.3 We recommend therefore that the Design Sulfate Class DS-2 is adopted at the site where Made Ground deposits are present however within the natural soils DS-1 may be used.

7.0 CHEMICAL AND GASEOUS CONTAMINATION AND LANDFILL ISSUES

7.1 Current statute on contaminated land, regulation and liabilities.

7.1.1 Statute

7.1.1.1 Part IIA of the Environment Protection Act 1990 became statute in April 2000. The principal feature of this legislation is that the hazards associated with contaminated land should be evaluated in the context of a site-specific risk based framework. More specifically contaminated land is defined as:

"any land which appears to the local authority in whose area it is situated to be in such a condition, by reasons of substances in, on or under the land, that:

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

b) pollution of controlled waters is being or is likely to be caused".

7.1.1.2 Central to the investigation of contaminated land and the assessment of risks posed by this land is that:

i) there must be contaminants(s) at concentrations capable of causing health effects (*Sources*).

ii) there must be a human or environmental receptor present, or one which makes use of the site periodically *(Receptor)*; and

iii) there must be an exposure pathway by which the receptor comes into contact with the environmental contaminant *(Pathway)*.

7.1.2 Regulation of the Act

7.1.2.1 In most cases the Act is regulated by Borough or District Councils and their role is as follows

i) Inspect their area to identify contaminated land

ii) Establish responsibilities for remediation of the land

iii) See that appropriate remediation takes place
- through agreement with those responsible, or if not possible
- by serving a remediation notice, or
- in certain cases carrying out the works themselves, or
- in certain cases by other powers

iv) keep a public register detailing the regulatory action which they have taken

7.1.2.2 For "special" sites the Environment Agency will take over from the Council as regulator. Special sites typically include:-

- Contaminated land which affects controlled water and their quality
- Oil refineries
- Nuclear sites
- Waste management sites

7.1.3 Liabilities under the Act

7.1.3.1 Liability for remediation of contaminated land would be assigned to persons, organisations or businesses if they caused, or knowingly permitted contamination, or if they own or occupy contaminated land in a case where no polluter can be found.

7.1.4 Further Information

7.1.4.1 The above provides a brief outline as regards current statute. Further information can be obtained from the Department for the Environment, Food and Rural Affairs (DEFRA) and their Web site www.defra.gov.uk.

7.2 General

7.2.1 This report section discusses chemical and gaseous contamination issues relating to the site. As stated in section 1.4.2, the investigation process followed the principles of BS10175: 2001 *'Investigation of potentially contaminated sites – Code of Practice'*, with the investigation combining a desk study (preliminary investigation) together with the exploratory and main investigations (refer BS10175: 2001 for an explanation).

7.2.2 The objectives of this section of the report are to produce a *'Conceptual model'* based on investigatory data obtained to date. The conceptual model is produced by identification of *contaminants* and establishment of feasible *pathways* and *receptors*. The conceptual model allows a *risk assessment* to be derived. Depending upon the outcome of the risk assessment it may be necessary to carry out remediation and/or further investigations with a view to eliminating, reducing or refining the risk of damage to identified receptors. If appropriate, our report will provide recommendations in this respect.

7.2.3 Definition of terms used in the preceding paragraph and subsequent parts of this section of the report are presented in Appendix A2.

7.2.4 *Chemical Contamination*

7.2.4.1 For the purposes of presenting this section of this report, we have adopted the following sequence in relation to chemical contamination.

Conceptual model element	Contributory information	Outcome
Receptor	Development categorisation	- identification of receptors at risk of being harmed - method of analysing test data - criteria for risk assessment modelling
Pathways	- geology and ground conditions - development proposals	- identification of critical pathways from source to receptor
Source	- previous site history - desk study information - site reconnaissance - fieldwork observations	- testing regime - identification of a chemical source - by-analysis of test data and other evidence

The above information will construct a conceptual model of the site/project. Initially, test data is compared with relevant guideline values, recognising feasible pathways to identical receptors. If the risks to human health and water receptors are considered greater than low, then measures to eliminate or minimise the risk of a contaminative source harming receptors must be identified and actioned or possibly further investigations may allow the risk to be refined to acceptable levels.

7.2.5 *Gaseous Contamination*

7.2.5.1 A similar risk assessment process in respect to gaseous contamination is carried out.

7.3 Development Categorisation and Identified Receptors

7.3.1 *Identified receptors*

7.3.1.1 The principal receptors subject to harm caused by contamination of the proposed development site are as follows.

a) End users of the developed site (Humans)

b) Construction operatives (Humans)

c) Groundwater and surface water resources

7.3.2 *Human Receptors – End Users of the Site*

7.3.2.1 The critical human 'receptor' used in the analysis of test data (refer CLR publications listed in 7.6.2 below) is a child under the age of 6 years. This takes into account the inquisitive nature of children (i.e. an amenable means of direct soil ingestion) and their relative body mass.

7.3.2.2 Such a receptor is critical for residential developments particularly those including gardens where both direct (hand to mouth and breathable soil dusts) and indirect ingestion (via consumption of home grown vegetables) of contaminated soils is feasible. For industrial/commercial developments, the adult becomes the critical receptor, exposed in the long term, where applicable, to breathable airbourne contaminated soil dusts. These pathways (inhalation/ingestion) for source contamination to reach the human receptor can be eliminated, depending upon the development proposals, or by remediation, or indeed if the source is not evident then the source-pathway-receptor model is not relevant. Further, more detailed information on the exposure assessment model for human receptors is described in CLR 10 (refer report Section 7.6.2 for references).

7.3.3 Human Receptors – Construction Operatives

7.3.3.1 Typically, construction operatives will be exposed to the development site for relatively short timescales. Operatives however, are subject to contaminated soils/waters through the ingestion/inhalation pathway route. Exposure rates can be substantially reduced by various means described in the recommendations Section 7.7.4 of this report.

7.3.4 Groundwater and Surface Water Receptors

7.3.4.1 Water resources can be harmed by migration of chemical contamination of the site via migration pathways described in subsequent report sections.

7.3.5 Development Categorisation

7.3.5.1 It is understood that the site will be redeveloped for residential use and will be substantially covered by the proposed building. This criterion has been used in the evaluation of test data (refer following report section) and used in the construction of the conceptual model.

7.4 Identification of Pathways

7.4.1 Pathways to Human Receptors (end users)

7.4.1.1 CLR10 (refer report Section 7.6.2 for references), provides a very detailed assessment of pathways and assessment and human exposure rates to source contaminants. In summary, the principal pathways of contamination to the human receptor are as follows:-

- Ingestion of contaminated soil dusts
- Ingestion by incidental or deliberate hand to mouth contact
- Ingestion of contaminated fruit/vegetables
- Skin contact with soils (working or at play)
- Inhalation of vapours

Clearly some of these pathways can be eliminated depending upon the end use of the site, for instance ingestion of fruit/vegetables sourced from an industrial development is unlikely, and child receptors would not be considered for an industrial development.

7.4.2 Pathways to Human Receptors (end users) - Elemental Risk Assessment

7.4.2.1 Based on our understanding of development proposals, which does not incorporate any soft landscaping/garden areas (as described in 7.3.5. above), we can provide the following elemental risk assessment for end users of the site, which is summarised in the following table and contributes to a collective risk assessment on Section 7.7.

Elemental risk assessment carried forward to collective risk assessment in Section 7.7		
Element	**Type (position in conceptual model)**	**Assessed risk**
End users (children)	Pathway – ingestion of contaminated soils	Low
End users (children)	Pathway – inhalation of contaminated soil dusts	Low
End users (adults)	Pathway – ingestion of contaminated soils	Low
End users (adults)	Pathway – inhalation of contaminated soil dusts	Low
Table reference 7.4.2		

7.4.3 Pathways to Water Receptors

7.4.3.1 Pathways of any chemical contaminations at the site to water receptors is a function of the geological conditions at the site and the feasibility of such pollutants to migrate laterally or vertically through soils to groundwater resources or indeed surface water resources.

7.4.3.2 Based on published geological records, supplemented by actual investigatory data, the topography local to the site is formed in the following sequence of soils.

Strata	Approx thickness	Typical soil type	Likely permeability	Aquifer potential	Pathway feasibility
Made Ground	0.5-1.0m (from existing basement level)	Clay	Low	-	Low
Glacial Till	20m	Clay with sand and gravel	Low	Non	Low
Permian and Triassic Sandstone	>10m	Sandstone	High	Major aquifer	High

Table reference 7.4.3.2

7.4.3.3 Based on the above, near surface soils are considered to be effectively impermeable, and thus the risk of any chemical contaminants at the site migrating to adjacent sites (and indeed chemical contaminants from adjacent sites migrating to the subject site) is considered low. Similarly, the risk of chemical contaminants at this site and adjacent sites migrating vertically to groundwater resources, is considered low. The following table summarises this elemental risk assessment, which contributes to a collective risk assessment in Section 7.7.

Elemental risk assessment carried forward to collective risk assessment in Section 7.7		
Element	**Type (Position in conceptual model)**	**Assessed risk**
Geology	Pathway – lateral migration to/from adjacent sites and watercourses	Low
Geology	Pathway – vertical migration to groundwater resources.	Low

Table reference 7.4.3.3

7.5 Assessment of Sources of Chemical Contamination

7.5.1 Initially, potential sources of contamination are assessed using the following elements of the investigation process.

- History of the site
- Desk study information
- Site reconnaissance
- Fieldwork observations

These elements will dictate a relevant soil/water testing regime to quantify possible risks of any identified contaminative processes/events which may harm identified receptors.

7.5.2 *Source Assessment – History of the Site*

7.5.2.1 The history of the site and its immediate surroundings based on published Ordnance Survey maps is described in Section 2.

7.5.2.2 Based on published historical maps, there is no evidence to indicate the site, or its immediate surroundings, has been subject to activities, which could produce a source of chemical contamination. We understand however that the site may have been occupied by a former mill. On this evidence, in isolation, the risk of a source of chemical contamination is considered moderate. The following table summarises this elemental risk assessment, which contributes to a collective risk assessment in Section 7.7.

Elemental risk assessment carried forward to collective risk assessment in Section 7.7		
Element	**Type (Position in conceptual model)**	**Assessed Risk**
Historical (on site)	Source	**Moderate**
Historical (adjacent site)	Source	**Low**
Table reference 7.5.2		

7.5.3 *Source Assessment – Desk Study Information*

7.5.3.1 Envirocheck presents a detailed database of environmental information in relation to the site including;

- Pollution incidents
- Landfill sites
- Trading activities

Based on the Envirocheck data (refer Appendix J) the site has no recorded history of any existing pollution events, or trading activities which could generate a source of contamination, or is located in close proximity to a landfill site. The following table summarises this elemental risk assessment which contributes to a collective risk assessment in Section 7.7

Elemental risk assessment carried forward to collective risk assessment in Section 7.7		
Element	Type (Position in conceptual model)	Assessed Risk
Desk Study information (on site)	Source	Low
Desk Study information (adjacent site)	Source	Low
Table reference 7.5.2		

7.5.4 Source Assessment – Site Reconnaissance

7.5.4.1 A full description of the site and observed adjacent land uses is provided in Section 2 of this report. A plan summarising observations made on site during our site reconnaissance visit is presented on Drawing STB0620D-02.

7.5.4.2 As a result of our site reconnaissance visit, we did not observe any obvious evidence of any current or recent activities on site or adjacent sites, which provide a potential source of chemical contamination. On this evidence, in isolation, the risk of a source of chemical contamination is considered low. The following table summarises this elemental risk assessment, which contributes to a collective risk assessment in Section 7.7.

Elemental risk assessment carried forward to collective risk assessment in Section 7.7		
Element	Type (Position in conceptual model)	Assessed risk
Site reconnaissance (on site observations)	Source	Low
Site reconnaissance (off site observations)	Source	Low
Table reference 7.5.4		

7.5.5 Source Assessment - Fieldwork Activities

7.5.5.1 None of the exploratory excavations exposed soils or water, which provides visual or olfactory evidence, which would indicate the soils on site are chemically contaminated on this basis, and in isolation the risk of a source of on site chemical contamination is considered low. The following table summarises this elemental risk assessments, which contributes to a collective risk assessment in Section 7.7.

Elemental risk assessment carried forward to collective risk assessment in Section 7.7		
Element	Type (position in conceptual model)	Assessed risk
Intrusive on site investigation	Source	Low
Table reference 7.5.5		

7.6 Laboratory Testing

7.6.1 Testing Regime – Human receptors

7.6.1.1 Although historical records do not identify any past or recent uses of the site which may have generated specific contamination, we understand that the site may have been occupied by a mill. Such usage is highlighted in Tables 2.2 and 2.3 of the Contaminated Land Report (CLR) no. 8 '*Potential Contaminants for the Food and Rural Affairs* (DEFRA) in conjunction with the Environment Agency (EA). As a result we have scheduled testing to measure concentrations of the following contaminants.

- Cadmium
- Chromium
- Copper
- Mercury
- Boron
- Nitrate
- Sulfate
- Phenol
- Acetone
- Chlorinated Aliphatic Hydrocarbons
- Dieldrin
- Volatile Organic Compounds (VOCs)
- Semi Volatile Organic Compounds (SVOCs)
- Polychlorinated biphenyl's (PCBs)

7.6.1.2 Again, with reference to CLR 8, we have scheduled testing to include inorganic contaminants listed in Table 2.1 of CLR 8 (if not listed above) when they are considered a risk to human receptors. In addition, we have also scheduled testing to measure the concentration of the more common organic compounds forming polycyclic hydrocarbons (PAH), typically derived from a variety of combustion and pyrolytic sources.

7.6.1.3 Seven samples were submitted for measurement of inorganic and organic contaminants described in the preceding paragraph. The overall testing strategy and quantity (described above) is considered an absolute minimum to allow a risk assessment to be made. Obviously additional testing (quantity and type) would allow a more accurate risk assessment to be made.

7.6.1.4 The results of laboratory determination of concentration of chemical contaminants are presented in Appendix F.

7.6.2 Criteria for assessment of test data – Human receptors

7.6.2.1 Assessment of laboratory test data has been carried out using the following documents published by the DEFRA in conjunction with the EA.

- *Assessment of Risks to Human Health from Land Contamination: An overview of the development of soil guideline values and related research'* (R & D Publication, Contaminated Land Report (CLR)7).
- *'Contaminants of Soil: Collation of Toxicological Data and Intake Values for Humans'* (R & D Publication, Contaminated Land Report (CLR)9).
- *'The Contaminated Land Exposure Assessment Model'* (CLEA): *Technical basis and algorithms'* (R & D Publication, Contaminated Land Report (CLR)10).
- Model Procedures for the Management of Land Contamination (Contaminated Land Report (CLR)11)
- *'Contaminants in Soil: Collection of Toxicological data and intake values for Human Values'* (R & D Publications Tox 1, 2, 3, 4, 5, 6, 7, 8, & 10).
- *'Soil Guideline Values for Contamination'* (R & D Publication SGV1, 3, 4, 5, 7, 9, & 10).

These documents form part of the Contaminated Land Report (CLR) some of which remains unpublished. The above publications do provide soil guideline values (SGV's) in relation to the following chemical contaminants.

Arsenic	Mercury
Cadmium (total)	Selenium
Chromium (total)	Nickel
Lead	Ethylbenzene
	Toluene

7.6.2.2 Soil guideline values (SGV's) referred to in Contaminated Land Reports (CLR) are used as a screening tool to assess the risks posed to health of humans from exposure to soil contamination in relation to land uses. They represent 'intervention values'; indications to an assessor that soil concentrations above these levels might present an unacceptable risk to the health of site users. These soil guideline values have been produced using conceptual exposure models, which use assumptions and are applied to differing end uses of land. If the SGV's are exceeded it does not necessarily imply there is an actual risk to health and site-specific circumstances should be taken into account. Conversely, where a critical pathway or chemical form of the contaminant has not been evaluated by the CLR then, potentially, a significant risk may be present even if the SGV has not been exceeded.

7.6.2.3 Where published soil guidelines are not available for a contaminant, it may be necessary to derive a site-specific assessment criteria (SSAC). This is carried out following procedures described in the following document produced by Land Quality Management Limited on behalf of the Scotland and Northern Ireland Forum for Environmental Research (SNIFFER) '*Method for deriving site specific human health assessment criteria for contaminants in soil*' (April 2003). Publicly available toxicity reports, produced by nationally and internationally recognised bodies, have been used in production of the site-specific assessment criteria. Individual reports have been prepared for contaminants under consideration (where considered appropriate), which are maintained at our office and are available to governmental authorities, who may be scrutinising this report, but will only be issued as *'commercial in confidence'* if and when requested.

7.6.2.4 For assessment of polycyclic aromatic hydrocarbons (PAH) we have selected Benzo(a)pyrene and Napthalene as indicators of prevalence of such contamination. This indicator has been chosen in view of available toxicity data produced and published by DEFRA. Again, we have utilised our SSACs for evaluation of these contaminants as indicator.

7.6.3 Statistical analysis of test data – Human Receptors

7.6.3.1 Following CLR7, we have carried out a statistical analysis of test data for each chemical contaminant considered in this investigation. Initially, the maximum value test is carried out to provide an indication of results, which could be considered 'statistical outliers', and thus not part of the general population of results. The maximum test value is described in detail in CLR7. If outliers are clearly identified, then these may represent an area of contamination considered worthy of further investigation.

7.6.3.2 Following completion of the maximum value test procedure, then the mean value test is carried out on test data. If a "statistical outlier' is identified as part of the maximum value test, then the outlier result is ignored in the subsequent mean value test, to avoid distortion of the general population of results. The mean value test determines the 95th percentile value for appropriate test data for individual contaminants, which is also related to the number of test values under consideration. The resulting 95th percentile values are then compared with soil guideline values or site specific assessment criteria.

7.6.3.3 The above statistical analysis of test data is tabulated in Appendix G.

7.6.3.4 As always, statistical tests are an aid to decision making, but are not a substitute for professional judgement.

7.6.4 Evaluation of test data (inorganic contaminants) - Human Receptors

7.6.4.1 In consideration of the results of the maximum value test (refer Appendix G), statistical analysis highlighted an outlier potentially suggesting further investigation for cadmium. The outlier concentration associated with cadmium however falls well below soil guideline values for the end use of the site.

7.6.4.2 In consideration of the mean value test (95th Percentile values – refer Appendix G) compared with published soil guideline values and site-specific assessment criteria values, our analysis indicated none of the results exceed these guideline values with the exception of concentrations of lead. The elevated concentrations of lead were detected within the Made Ground deposits at the site.

7.6.4.3 In the absence of published soil guidelines values, as a practice, we are in the process of producing our own site-specific assessment criteria (SSAC) but at this stage we have not produced values for cyanides or sulphur, but test data produced values below detectable levels for these contaminants, and as such, they are not considered to present a significant risk to end users at the site.

7.6.4.4 Based on the above evaluation in isolation, the Made Ground soils at the site exhibit a degree of lead contamination. Based on site development proposals however, which incorporate a fully surfaced site, the pathway for contamination to reach end users at the site is effectively severed and as such the potential risk of contamination causing significant harm to end users is considered to be low, and as such no remedial action is considered necessary. It is possible that the concentrations of lead could leach to groundwater resources, but this is discussed further in following paragraphs

7.6.5 *Evaluation of test data (organic contaminants) – Human Receptors*

7.6.5.1 For evaluation of test data in relation to polycyclic aromatic hydrocarbon (PAH) contamination we have adopted benzo(a)pyrene and naphthalene as indicators of prevalent organic contamination. In consideration of the maximum value test, (refer Appendix G) the results for naphthalene have produced two statistical outliers, with measured concentrations of 0.15 and 0.11mg/kg. These values do not however exceed our site specific assessment criteria of 60mg/kg and in our opinion are not considered worthy of further investigation.

7.6.5.2 In consideration of the mean value test (95th percentile values – refer Appendix G) for benzo(a)pyrene and naphthalene; compared with our site specific assessment criteria; indicates none of the results exceed out site specific assessment criteria values.

7.6.5.3 Measured concentrations of Polychlorinated Biphenyl's (PCBs) were all recorded below detectable limits, and as such, are not considered to present a significant risk of causing significant harm to either end-users or water receptors at the site.

7.6.5.4 Measured concentrations of contaminants within the Dieldrin suite of analysis (organochlorine pesticides) produced measured results below detectable limits, and as such are not considered to present a risk to human end users or water receptors at the site.

7.6.5.5 Measured concentrations of contaminants within the Volatile Organic Compounds (VOCs) suite of analysis were all recorded below detectable limits, and as such are not considered to present a significant risk to end-users or water receptors at the site.

7.6.6 *Testing regime – Water Receptors*

7.6.6.1 With reference to Paragraph 7.6.1.1 our testing schedule included measurement of leachability / concentration of the following contaminants associated with current/historical site uses.

- Cadmium
- Chromium
- Copper
- Mercury
- Boron
- Nitrate
- Sulfate

7.6.6.2 In addition, and again, with reference to CLR8, we have scheduled testing to measure the leachability / concentration of inorganic contaminants listed in Table 2.1 (of CLR8) where they are considered a risk to water resources. In addition, we have also scheduled testing to include the more common organic compounds forming polycyclic aromatic hydrocarbons.

7.6.6.3 It should be noted that we have only scheduled two samples for laboratory determination of leachability / concentrations of contaminants described above. This in our opinion is an absolute minimum to assist in the risk assessment. Further laboratory testing will increase the accuracy of the risk assessment.

7.6.7 Assessment Criteria - Water Receptors

7.6.7.1 For interpretation of test data in relation to water receptors we have directly compared measured values with the Environment Agency publication *'Environment Agency technical advice to third parties on Pollution of Controlled Waters for Part II a of the Environmental Protection Act 1990'* Appendix A (selected water quality standards for use in assessing the presence of pollution of controlled waters) (release 2.0 May 2002).

7.6.8 Evaluation test data – Water Receptors

7.6.8.1 None of the test results provide values above concentrations defined for Environmental Quality Standards (EQS) (freshwater) included in Appendix A of the publication described in Paragraph 7.6.7.1 above, with the exception of one marginally elevated concentration of sulphate within the near surface Made Ground deposits. This contaminant is compared with EQS values in the following table.

Contaminant	Sample origin (excavation ref)	EQS for freshwater (mg/l)	Measured Values (mg/l)
Sulphate	TP03 0.3m	400	440

7.6.8.2 The cohesive nature of the shallow Glacial Till deposits at the site and the development proposals (which will completely occupy the site) will in our opinion effectively restrict the pathway by which sulphates could reach either groundwater resources at depth or adjacent receptors. As such, no remedial action is considered necessary with regard to the isolated sulphate leachate concentration encountered at the site.

7.6.8.3 It should also be noted that sulphate can have am impact upon construction materials which is further discussed in Section 6.7.

7.6.9 *Laboratory Test Data – Risk Assessment*

7.6.9.1 Based on our evaluation of laboratory test data described above, the following table summarises this elemental risk assessment which contributes to a collective risk assessment in Section 7.7.

Elemental risk assessment carried forward to collective risk assessments in Section 7.7		
Element	Type (position in conceptual model)	Assessed risk
Laboratory testing	Source	Low
Table reference 7.6.9		

7.7 Chemical Contamination – cumulative risk assessment, conceptual model and summary

7.7.1 From elemental risk assessments developed in preceding report sections, we can now produce the following cumulative risk assessment based on the source-pathway-receptor model. The first stage is to confirm a source of chemical contamination, which could harm identified receptors. Should the assessed risk of harm be greater than 'low', then the second stage of potential pathways of contaminants to receptors will need examination. The following table summarises elemental risk assessments.

Table summarising elemental risk assessments for sources of chemical contamination which could harm identified receptors				
Elemental investigations / observations	Reference table	Assessed risk		
		low	moderate	high
Historical maps (on site)	7.5.2		✓	
Historical maps (adjacent site)	7.5.2	✓		
Reconnaissance	7.5.4	✓		
Desk study information (on site)	7.5.3	✓		
Desk study information (adjacent site)	7.5.3	✓		
Exploratory holes	7.5.5	✓		
Laboratory testing	7.6.9	✓		
Table reference 7.7.1				

7.7.2. We understand from Ashgate Developments Limited that the site will be fully surfaced with hardstanding, and that no soft landscaped areas are proposed at the site. Based on current development proposals, in our opinion, the risk to end users, water resources and off site receptors, created from ground conditions encountered at the site, is considered low, and no remedial action is considered necessary. Should development proposals change however, then we recommend that the report is referred back to Soiltechnics Ltd for reassessment.

7.8 Landfill Gas Contamination

7.8.1 Waste Management Paper 27 (1991) produced by the Department of the Environment *'Control of Landfill Gases'* contains the strong recommendation to avoid building within 50m of a new landfill site and to carry out site investigations within a zone 250m beyond the boundary of a landfill site. No distinction is made between sites of differing ground conditions, but the paper does not advocate the site is safe beyond the 250m zone.

7.8.2 The principal gases produced by landfills accepting biodegradable waste are methane and carbon dioxide. Methane, in appropriate concentrations, can be explosive and carbon dioxide can cause asphyxiation.

7.8.3 An assessment of the risk of the site being affected by landfill gases is based on the following aspects.

a) Source of the gas
b) Investigation information
c) Migration feasibility
d) Sensitivity of the development and its location relative to the source

7.8.4 A registered landfill site is located some 900m to the east of the site. This landfill is recorded as being large (equal to or greater than 75,000 and less than 250,000 tones per year), and authorised to accept the following list of waste materials; ceramic, construction industrial wastes, glass, metals, similar non-leachate forming materials, soil, clay, sand, stone, brick, concrete and slate. The site has not been active since 1986.

7.8.5 The cohesive, near surface glacial soils at the site, in our opinion would be relatively impermeable to landfill type gas migration. The risk therefore of the site being affected by potential landfill gas contamination is considered to be low.

7.9 Disposal of Soils off Site

7.9.1 Using available investigatory data we have produced a separate report to classify soils likely to be excavated at the site for off site disposal.

7.10 Landfill tax

7.10.1 Disposal of soils to landfill sites is normally subject to landfill tax with rates varying from year to year based on government policy. Current information on rates of landfill tax can be obtained from H M Customs and Excise (HMCE) Office (leaflet notice LFT 1) with a lower rate applied to inactive (or inert) wastes and the standard rate to all other taxable wastes.

7.10.2 Landfill tax exemption can be obtained providing the following conditions can be satisfied.

a) Reclamation must involve clearing the land of pollutants that are causing harm or have the potential to cause harm, demonstrating that the pollutants are or potentially:

   i) Polluting ground or surface water or
   ii) Harming the health of people or animals or plants on
   iii) Damaging the fabric of structures or services

b) The cause of the pollution must have ceased

c) The land is not subject to the works or remediation notice

d) The reclamation constitutes or includes clearing the land of pollutants which would (unless cleared) prevent the land being put to intended use

7.10.3 Details of the above are produced in the HMCE Leaflet LFT2. Applications for landfill tax exemption must be submitted to HMCE at least 30 days before the intention to start removing waste to landfill.

7.10.4 In our opinion it may be possible to obtain landfill tax exemption based on the development proposals and ground conditions determined at this site. We would be pleased to assist on this aspect on further instructions.

7.11 On Site Monitoring

7.11.1 We have attempted to identify the potential for chemical contamination on the site, however, areas, which have not been investigated at this stage, may exhibit higher levels of contamination. We would consider the risk of this to be low. If such areas are exposed at any time during construction we recommend investigation and testing be carried out accordingly.

7

. HER INVESTIGATIONS

n our opinion, no further investigations are considered necessary at this time.

Sarah Drage

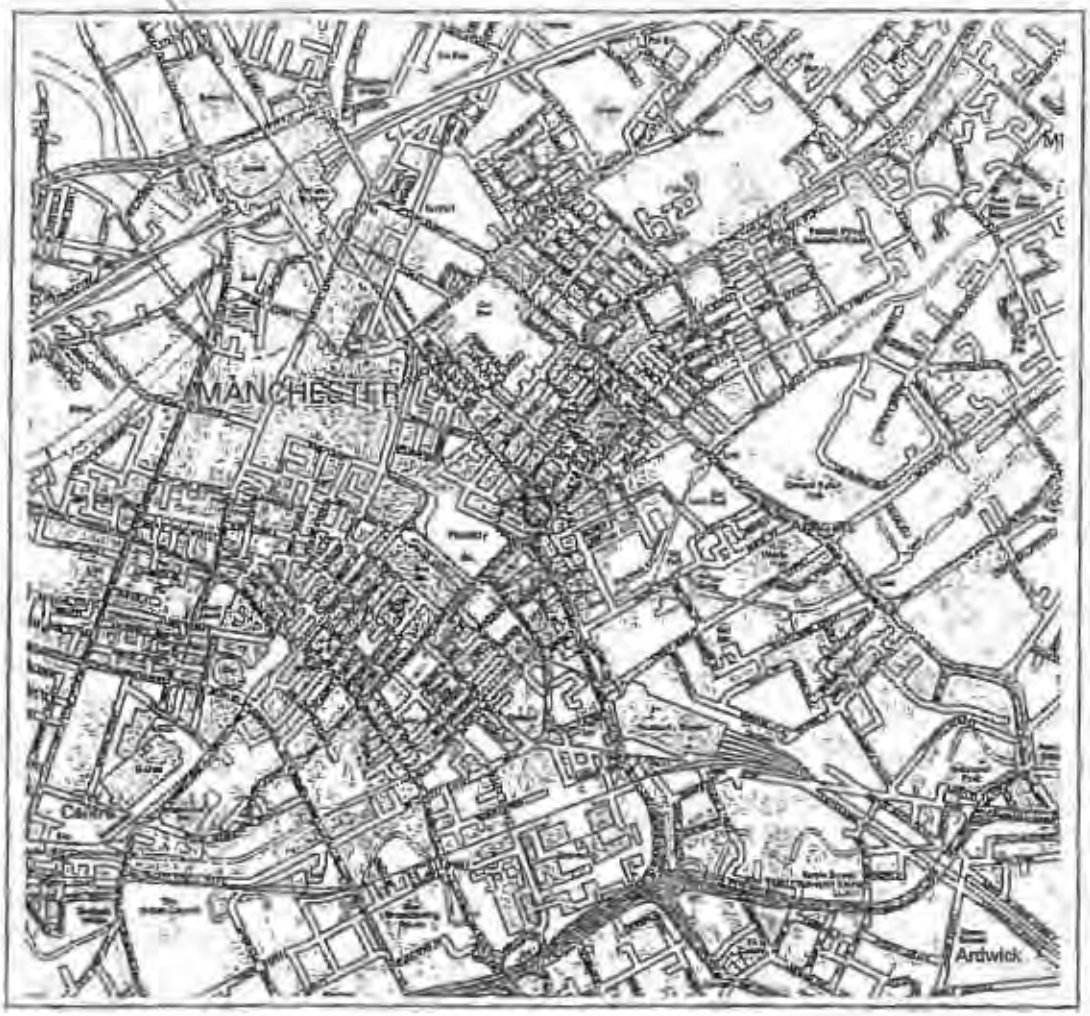
Sarah Drage BSc, (Hons)
Geo-environmental Engineer for Soiltechnics Limited

Ian Evetts HNC,
Associate Director for Soiltechnics Limited

DRAWING STB0620D-01

Site Location Plan

The Site



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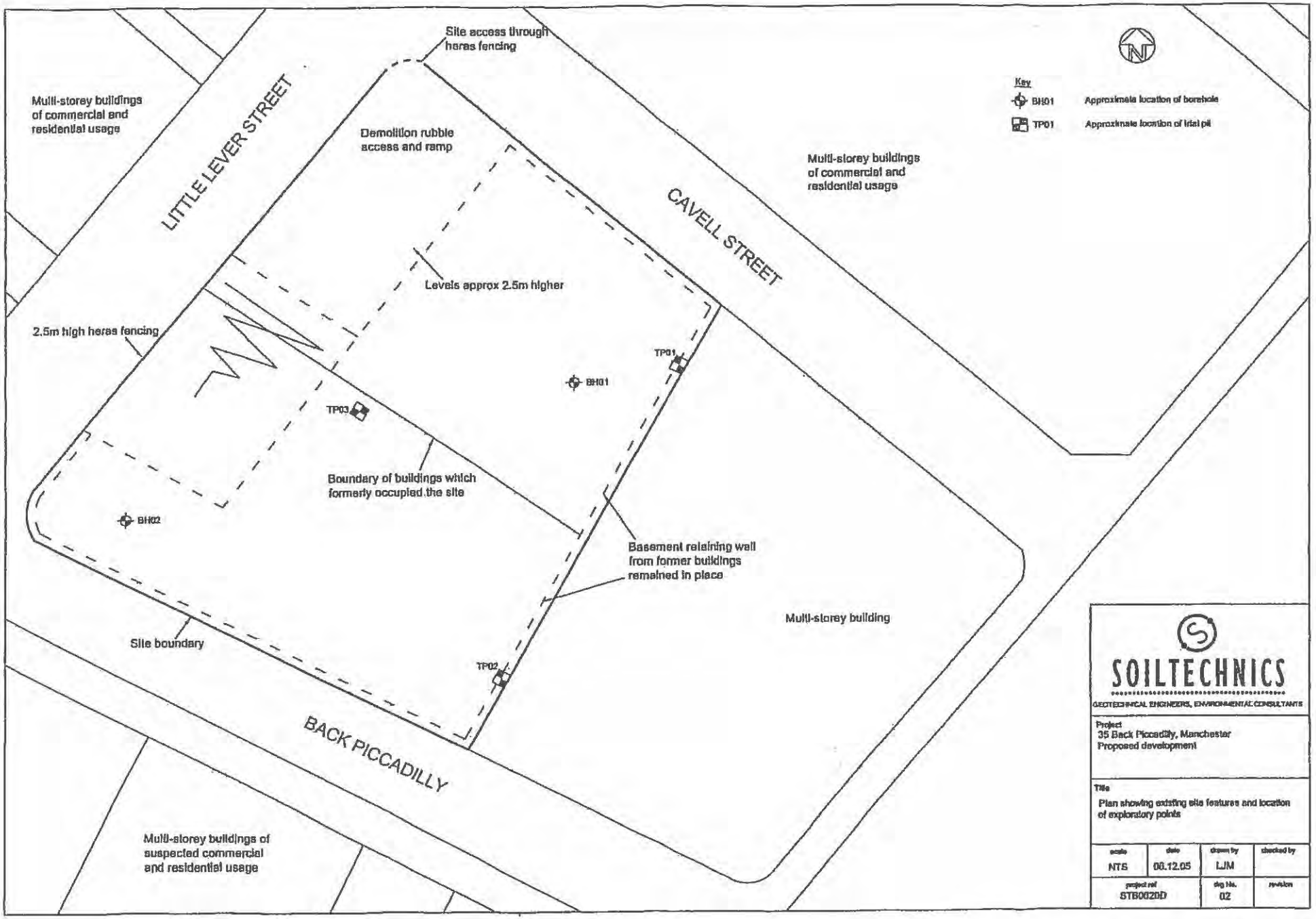
Project
Proposed redevelopment at
35 Back Piccadilly, Manchester

Title
Site Location Plan

scale	date	drawn by	checked by
NTS	04.01.06	SD	
project ref		drg no	revision
STB0620D		01	

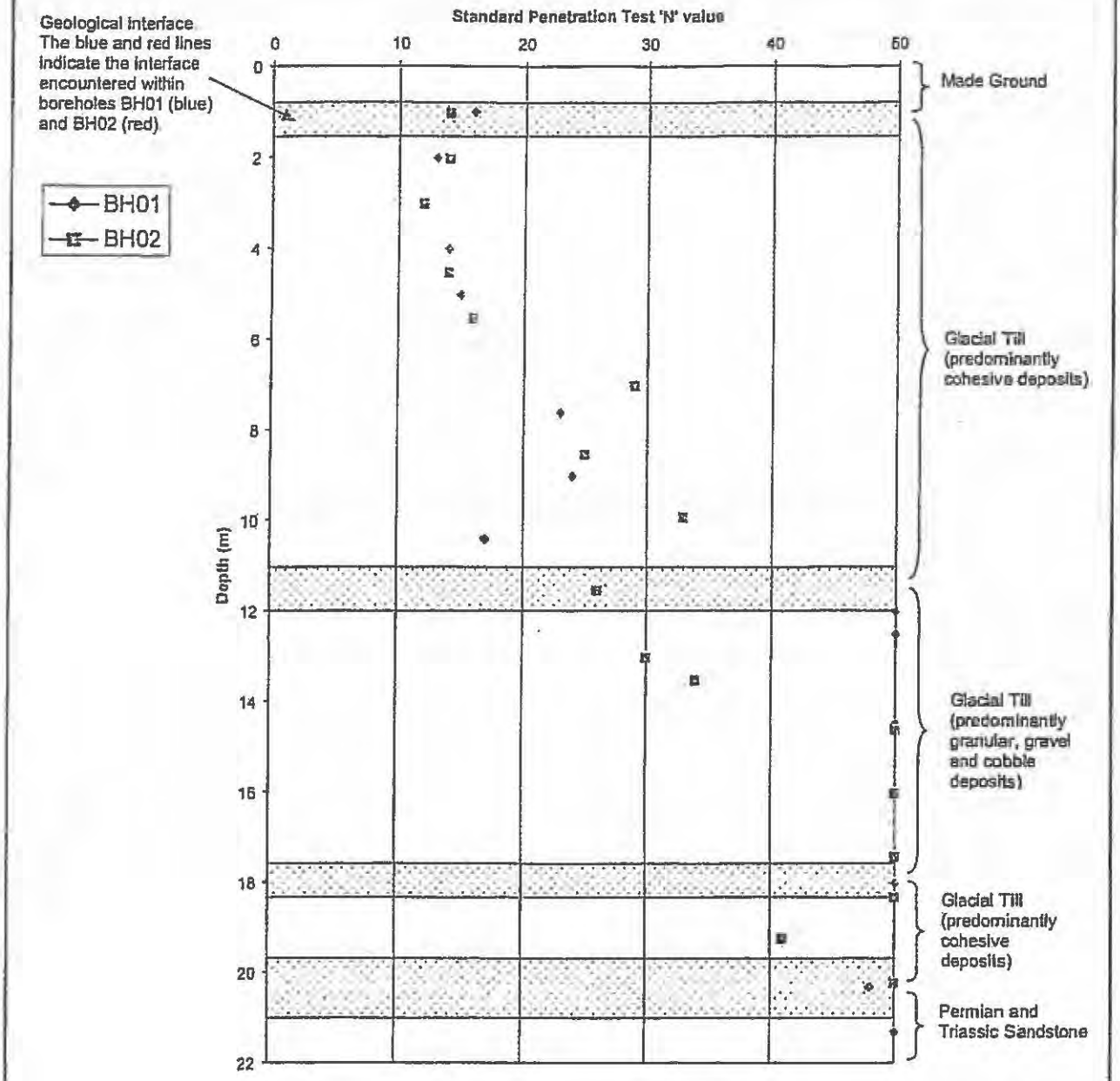
DRAWING STB0620D-02

Plan showing existing site features and location of exploratory points


Site access through heras fencing
Multi-storey buildings of commercial and residential usage
LITTLE LEVER STREET
Demolition rubble access and ramp
CAVELL STREET
Multi-storey buildings of commercial and residential usage
Key
BH01 Approximate location of borehole
TP01 Approximate location of trial pit
Levels approx 2.5m higher
2.5m high heras fencing
TP01
BH01
TP03
Boundary of buildings which formerly occupied the site
BH02
Basement retaining wall from former buildings remained in place
Multi-storey building
Site boundary
TP02
BACK PICCADILLY
Multi-storey buildings of suspected commercial and residential usage
SOILTECHNICS
GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS
Project
35 Back Piccadilly, Manchester
Proposed development
Title
Plan showing existing site features and location of exploratory points
scale NTS
date 06.12.05
drawn by LJM
checked by
project ref STB0020D
dig No. 02
revision

DRAWING STB0620D-03

Graphical summary of Standard Penetration Testing



Notes

1. All SPT 'N' values recorded at or above 50 blows are indicated here as 50. Precise measures, indicating SPT value and associated penetration depth (if less than 300mm) is indicated on borehole logs (ref Appendix D).
2. The depths (m) indicated on the y-axis are all measured from below the existing basement level.

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Project
Proposed development
35 Back Piccadilly, Manchester

Title
Graphical summary of Standard Penetration Testing

scale	date	drawn by	checked by
NTS	06.12.05	SD	
project ref		drg no	revision
STB0620D		03	

dwg.03 - SPT

APPENDIX A1

Definitions of geotechnical terms used in this report.

APPENDIX A1

Definition of geotechnical terms used in this report. (Sheet 1 of 2)

Bearing pressures.

Ultimate bearing capacity. The value of the gross loading intensity for a particular foundation at which the resistance of the soil to displacement of the foundation is fully mobilised.

Presumed bearing value. The net loading intensity considered appropriate to the particular type of ground for preliminary design purposes. The particular value is based on calculation from shear strength tests or other field tests incorporating a factor of safety against shear failure.

Allowable bearing pressure. The maximum allowable net loading intensity at the base of the foundation, taking into account the ultimate bearing capacity, the amount and kind of settlement expected and our estimate of ability of the structure to accommodate this settlement.

Factor of safety. The ratio of the ultimate bearing capacity to the intensity of the applied bearing pressure or the ratio of the ultimate load to the applied load.

Foundations

Strip foundations. A foundation providing a continuous longitudinal ground bearing.

Trench fill concrete foundation. A trench filled with mass concrete providing a continuous longitudinal ground bearing.

Pad foundation. An isolated foundation to spread a concentrated load.

Raft foundation. A foundation continuous in two directions, usually covering an area equal to or greater than the base area of the structure.

Substructure. That part of any structure (including building, road, runway or earthwork) which is below natural or artificial ground level. In a bridge this includes piers and abutments (and wing walls), whether below ground level or not, which support the superstructure.

Piled foundations and end bearing piles. A pile driven or formed in the ground for transmitting the weight of a structure to the soil by the resistance developed at the pile point or base and the friction along its surface. If the pile supports the load mainly by the resistance developed at its point or base, it is referred to as an end-bearing pile; if mainly by friction along its surface, as a friction pile.

Bored cast in place pile. A pile formed with or without a casing by excavating or boring a hole in the ground and subsequently filling it with plain or reinforced concrete.

Driven pile. A pile driven into the ground by the blows of a hammer or a vibrator.

Precast pile. A reinforced or prestressed concrete pile cast before driving.

APPENDIX A1

Definition of geotechnical terms used in this report. (Sheet 2 of 2)

Driven cast in place pile. A pile installed by driving a permanent or temporary casing, and filling the hole so formed with plan or reinforced concrete.

Displacement piles. Piled formed by displacement of the soil or ground through which they are driven.

Skin friction. The frictional resistance of the surrounding soil on the surface of cofferdam or caisson walls, and pile shafts.

Downdrag or negative skin friction. A downwards frictional force applied to the shaft of a pile caused by the consolidation of compressible strata, e.g. under recently placed fill. Downdrag has the effect of adding load to the pile and reducing the factor of safety.

Road Pavements.
The following definitions are based on Transport and Road Research Laboratory (TRRL) Report LR1132.

Equilibrium CBR values. A prediction of the CBR value, which will be attained under the completed payment.

Thin pavement. A thin pavement (which includes both bound and unbound pavement construction materials 1 in 300mm thick and a thick pavement is 1200mm thick (typical of motorway construction).

APPENDIX A2

Definitions of geo-environmental terms used in this report.

APPENDIX A2

Definition of geo-environmental terms used in this report (Sheet 1 of 2)

Conceptual model

Textual and/or schematic hypothesis of the nature and sources of contamination, potential migration pathways (including description of the ground and groundwater) and potential receptors, developed on the basis of the information obtained from the investigatory process.

Contamination

Presence of a substance which is in, on or under land, and which has the potential to cause harm or to cause pollution of controlled water.

Controlled water

Inland freshwater (any lake, pond or watercourse above the freshwater limit), water contained in underground strata and any coastal water between the limit of highest tide or the freshwater line to the three mile limit of territorial waters.

Harm

Adverse effect on the health of living organisms, or other interference with ecological systems of which they form part, and, in the case of humans, including property.

Pathway

Mechanism or route by which a contaminant comes into contact with, or otherwise affects, a receptor.

Receptor

Persons, living organisms, ecological systems, controlled waters, atmosphere, structures and utilities that could be adversely affected by the contaminant(s).

Risk

Probability of the occurrence of, and magnitude of the consequences of, an unwanted adverse effect on a receptor.

Risk Assessment

Process of establishing, to the extent possible, the existence, nature and significance of risk.

APPENDIX A2

Definition of geo-environmental terms used in this report (Sheet 2 of 2)

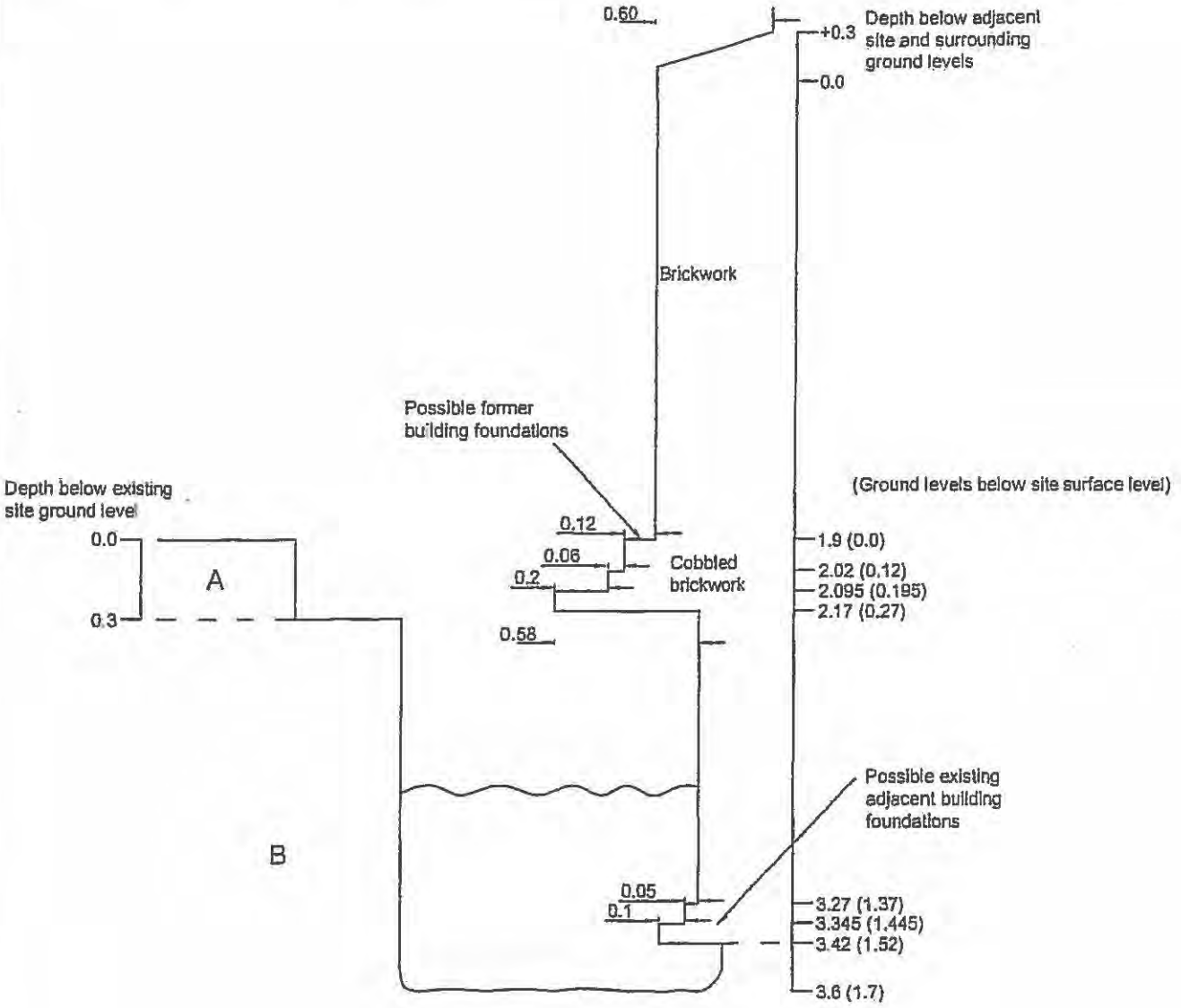
Risk Terminology

In accordance with Department of the Environment guidance, the following categorisation of risk has been developed:

Term	Description
Very high risk	There is a *high probability* that *severe harm* could arise to a designated receptor from an identified hazard at the site without appropriate remedial action.
High risk	*Harm* is *likely to arise* to a designated receptor from an identified hazard at the site without appropriate remedial action.
Medium risk	*It is possible* that without appropriate remedial action *harm could arise* to a designated receptor. It is relatively *unlikely* that any such harm would be *severe*, and if any harm were to occur it is *more likely* that such harm would be *relatively mild.*
Low risk	*It is possible* that *harm could arise* to a designated receptor from an identified hazard. *It is likely* that, at worst it any harm was realised any effects would be *mild.*
Negligible risk	The presence of an identified hazard does not give rise to the potential to cause harm to a designated receptor.

APPENDIX B

Trial pit records



Key

A Loose and medium dense brown and dark grey very clayey gravelly SAND with many cobbles. Gravel and cobbles consist of brick, concrete and clinker. (MADE GROUND)

B Stiff red brown and grey sandy CLAY. (GLACIAL TILL)

Notes

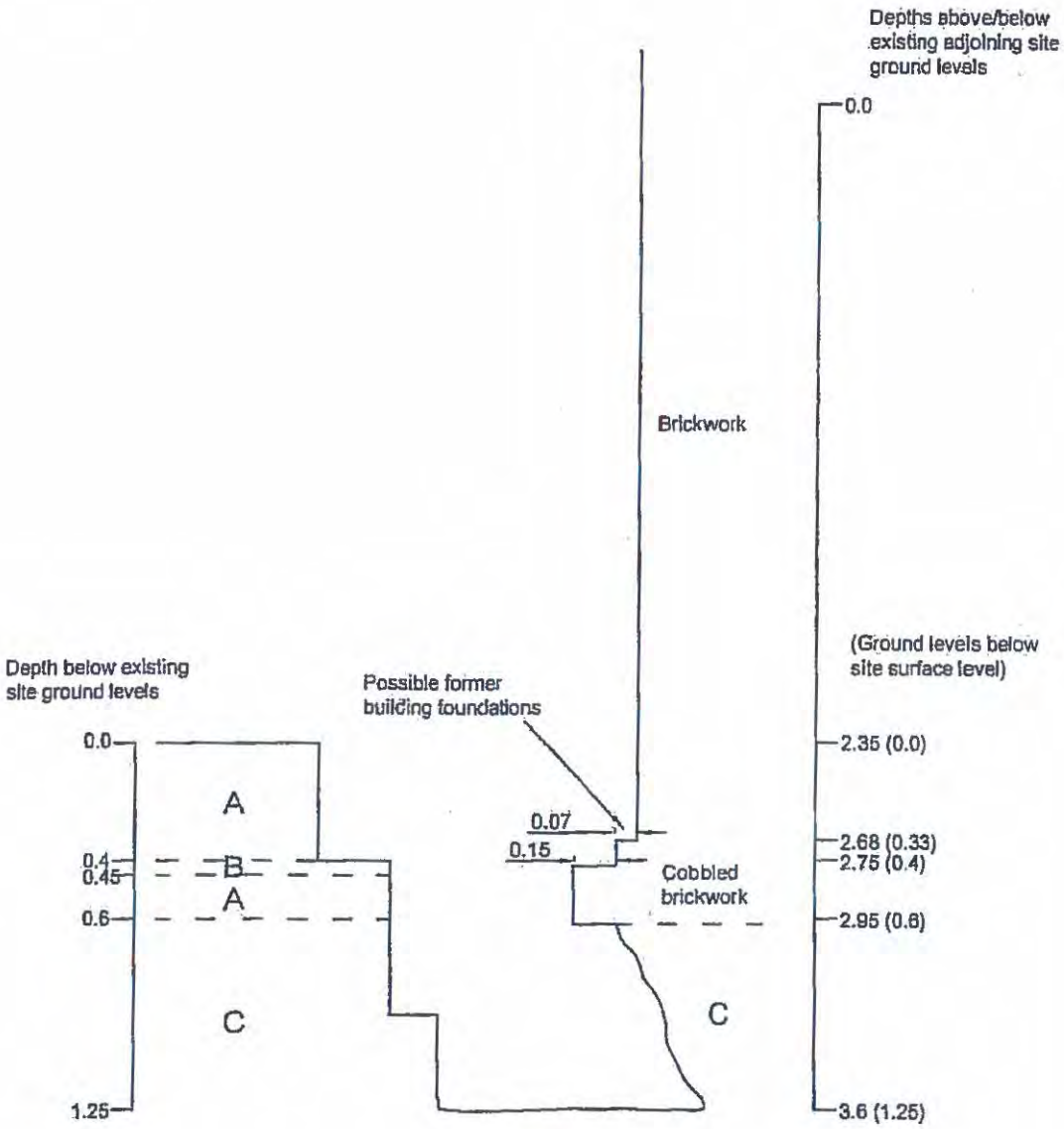
1.) Water standing at 0.75m below existing basement ground level.
2.) All measurements shown in metres
3.) Trial pit excavated using hand tools
4.) Pocket penetrometer testing undertaken:
0.4m - 2.0/2.75/2.5
1.0m - 3.0/3.0/3.25
5.) Disturbed samples taken at 0.1m and 0.3m

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Project
Proposed development
35 Back Picadilly, Manchester

Title
Cross section through Trial Pit TP01

scale	date	drawn by	checked by
NTS	11.11.05	LJM	
project ref		drg No.	revision
STB0620D		TP01	



Key

A Loose grey brown clayey very gravelly SAND with many cobbles of brick and concrete. Gravel consists of brick, concrete and ceramic. (MADE GROUND)

B Dense grey CONCRETE. (MADE GROUND)

C Stiff becoming very stiff brown and grey CLAY. (GLACIAL TILL)

Notes

1.) No groundwater encountered in trial pit
2.) All measurements shown in metres
3.) Trial pit excavated using hand tools
4.) Pocket penetrometer testing undertaken:
0.6m - 2.0/2.5/2.5
1.0m - 3.5/3.25/3.25
5.) Disturbed samples taken at 0.1m and 0.9m

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Project
Proposed development
35 Back Piccadilly, Manchester

Title
Cross section through Trial Pit TP02

scale	date	drawn by	checked by
NTS	11.11.05	LJM	
project ref		drg No.	revision
STB0620D		TP02	

DESCRIPTION	LEGEND	DEPTH (m)	SAMPLE DEPTH TYPE	INSITU SHEAR STRENGTH TEST DATA		
				DEPTH	TYPE	RESULT
Loose and medium dense brown and dark grey very clayey gravelly SAND with many cobbles. (MADE GROUND)		0.0	0.3			
		0.40				

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

TRIAL PIT RECORD PAGE 1 OF 1

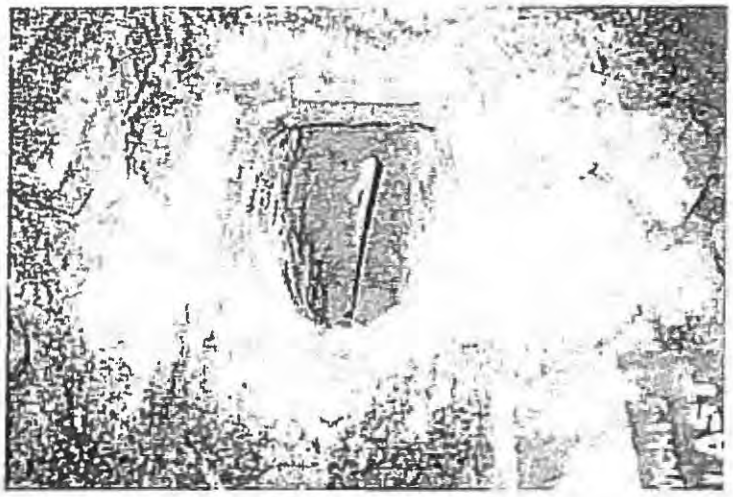
SOILTECHNICS
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Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net

GROUND LEVEL	METHOD OF EXCAVATION: Hand tools
LOCATION PLAN ON DRAWING No: STB0620D-02	DATE OF EXCAVATION: 11.11.05
PROJECT: Proposed development 35 Back Piccadilly, Manchester	
PROJECT REF.: STB0620D	TRIAL PIT No: TP03

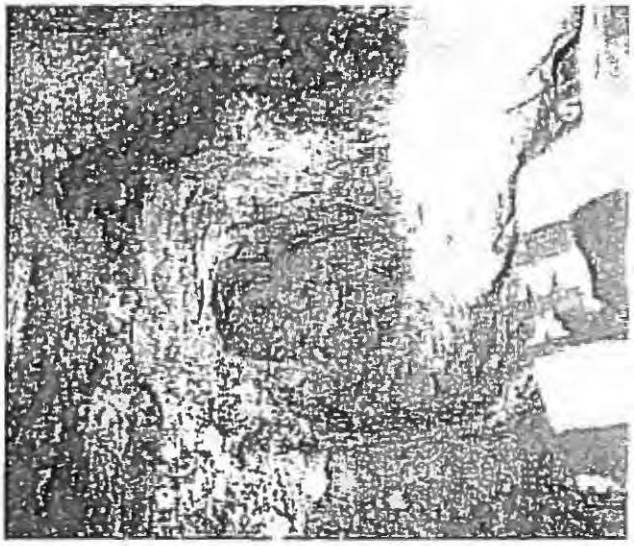
APPENDIX C

Photographic record of trial pit excavations

Trial pit TP01



Trial pit TP02



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Project
Proposed Residential Development
35 Back Piccadilly, Manchester

Title
Photographic Record of hand dug trial pits TP01 and TP02.

scale	date	drawn by	checked by
NA	06.12.05	SD	
project ref		appendix	revision
STB0620D		C	

APPENDIX D

Borehole records (cable and tool percussion drilling)

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
		Firm dark brown slightly sandy gravelly CLAY with occasional cobbles of brick. Gravel consists of brick, flint and quartz. (MADE GROUND)		0.0			0.0	0.7	B
1.0		Firm dark brown sandy slightly gravelly CLAY. Gravel consists of brick. (MADE GROUND)		0.7	SPT 1.0-1.45m	(4) 16	1.0	1.5	B
				1.45			1.45		J
2.0		Firm dark brown sandy CLAY. (GLACIAL TILL)			SPT 2.0-2.45m	(4) 13			
							2.45		J
							3.0	3.4	U100
4.0					SPT 4.0-4.45m	(4) 14			
							4.45		J
							4.5	5.0	B
5.0					SPT 5.0-5.45m	(4) 15			
							5.45		J

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
	0.0m	21.0m	0.4m 9.5m 16.0m 21.0m	Standing at 0.4m Rising to 8.6m in 10 minutes Rising to 17.2m in 10 minutes Rising to 15.0m in 10 minutes	1.0m 13.0m 18.4m -		

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 1 OF 4

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GROUND LEVEL	CO-ORDINATES
LOCATION PLAN ON DRAWING No STB0620D-02	DATE OF EXCAVATION 24.10.05

PROJECT
35 Back Piccadilly, Manchester
Proposed development

PROJECT REF.	BOREHOLE No
STB0620D	BH01

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
		Firm becoming stiff dark brown sandy CLAY. (GLACIAL TILL)		6.8					
7.6					SPT 7.6-8.05m	(7) 23	7.6	8.1	B
							8.1	8.4	B
9.0					SPT 9.0-9.45m	(4) 24	9.0	9.5	B
		Medium dense dark brown mottled light brown gravelly SAND with occasional cobbles of flint. Gravel consists of flint and quartz. (GLACIAL TILL)		9.5			9.6		J
				10.0					
10.4		Medium dense light brown very gravelly SAND with occasional cobbles of flint. Gravel consists of flint and quartz. (GLACIAL TILL)			SPT 10.4-10.85m	(6) 17	10.4	10.9	B
							11.0		J
12.0		Very dense dark brown mottled light brown GRAVEL AND COBBLES of flint and quartz. (GLACIAL TILL)		12.0	SPT 12.0m	80 for 150mm penetration			
12.5		Very dense dark brown clayey sandy GRAVEL with occasional cobbles of flint and quartz. Gravel consists of flint and quartz. (GLACIAL TILL)		12.5	SPT 12.5-12.95m	(17) 64	12.5	13.0	B

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
	0.0m	21.0m	0.4m 9.5m 16.0m 21.0m	Standing at 0.4m Rising to 8.6m in 10 minutes Rising to 17.2m in 10 minutes Rising to 18.0m in 10 minutes	1.0m 13.0m 18.4m -		

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 2 OF 4

SOILTECHNICS

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Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net

GROUND LEVEL	CO-ORDINATES
LOCATION PLAN ON DRAWING No: STB0620D-02	DATE OF EXCAVATION: 24.10.05

PROJECT: 35 Back Piccadilly, Manchester
Proposed development

PROJECT REF.	BOREHOLE No
STB0620D	BH01

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
				13.6	SPT 14.0-14.45m	(16) 85	14.0	14.5	B
		Very dense dark brown mottled light brown GRAVEL and COBBLES of flint and quartz. (GLACIAL TILL)		14.6			15.4	15.9	B
		Very dense dark brown mottled brown slightly sandy GRAVEL with occasional cobbles of flint. Gravel consists of flint and quartz. (GLACIAL TILL)		15.4			17.0	17.5	B
		Very stiff dark brown slightly sandy CLAY with occasional cobbles of flint. (GLACIAL TILL)		17.6	SPT © 18.0m	50 for 75mm penetration	19.0	19.5	B
					SPT © 20.3-20.75m	(13) 48	20.3	20.8	B

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
	0.0m	21.0m	0.4m 9.5m 18.0m	Standing at 0.4m Rising to 8.5m in 10 minutes Rising to 17.2m in 10 minutes Rising to 16.0m in 10 minutes	1.0m 13.0m 18.4m		

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 3 OF 4

SOILTECHNICS
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GROUND LEVEL	CO-ORDINATES
LOCATION PLAN ON DRAWING No: STB0620D-02	DATE OF EXCAVATION: 24-25.10.05

PROJECT: 35 Back Piccadilly, Manchester
Proposed development

PROJECT REF.	BOREHOLE No
STB0620D	BH01

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
				21.0					
		Red SANDSTONE. (PERMIAN AND TRIASSIC SANDSTONE)			SPT @ 21.3m	(30) 50 for 150mm penetration	21.3		J
		BOREHOLE TERMINATED AT 21.7m Notes 1.) Chiselling from 12.0-12.5m and 14.5-15.0m for a total of 2 hours		21.7					

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
	0.0m	21.0m	0.4m 9.5m 16.0m	Standing at 0.4m Rising to 8.6m in 10 minutes Rising to 17.2m in 10 minutes	1.0m 13.0m 18.4m		

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 4 OF 4

SOILTECHNICS
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Cedar Barn, White Lodge, Welgrave, Northampton. NN6 9PY.
Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net

GROUND LEVEL	CO-ORDINATES
LOCATION PLAN ON DRAWING No: STB0620D-02	DATE OF EXCAVATION: 24-25.10.05

PROJECT: 35 Back Piccadilly, Manchester
Proposed development

PROJECT REF.	BOREHOLE No
STB0620D	BH01

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
		Firm dark brown slightly sandy gravelly CLAY with occasional cobbles of brick. Gravel consists of brick, flint and quartz.		0.0			0.0	0.7	B
1.0		(MADE GROUND)		0.7	SPT 1.0-1.45m	(4) 14			
		Firm becoming stiff dark brown slightly sandy CLAY. (GLACIAL TILL)					1.45		J
							1.5	2.0	B
2.0					SPT 2.0-2.45m	(4) 14	2.0	2.5	B
3.0					SPT 3.0-3.45m	(3) 12	3.0	3.5	B
							3.45		J
4.5					SPT 4.5-4.95m	(3) 14	4.5		J
5.5					SPT 5.5-5.95m	(5) 16	5.5		J

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
	0.0m	20.5m	11.0m 18.0m	Rising to 10.4m in 10 minutes Rising to 15.0m in 10 minutes	13.5m		

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 1 OF 4

SOILTECHNICS
GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS
Cedar Barn, White Lodge, Welgrave, Northampton. NN6 9PY.
Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net

GROUND LEVEL	CO-ORDINATES
LOCATION PLAN ON DRAWING No STB620D-02	DATE OF EXCAVATION 25-26.10.05

PROJECT
35 Back Piccadilly, Manchester
Proposed development

PROJECT REF.	BOREHOLE No
STB620D	BH02

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
7.0		Firm becoming stiff dark brown slightly sandy CLAY. (GLACIAL TILL)			SPT 7.0-7.45m	(6) 29	7.0	7.5	B
							7.45		J
8.5					SPT 8.5-8.95m	(4) 25			
							8.95		J
				9.6					
9.9		Stiff brown slightly sandy slightly gravelly CLAY with occasional cobbles. Occasional of flint and quartz. (GLACIAL TILL)			SPT C 9.9-10.35m	(8) 33	9.9	10.4	B
				11.0					
11.5		Medium dense brown very sandy GRAVEL with occasional flint cobbles. Gravel consists of flint and quartz. (GLACIAL TILL)			SPT 11.5-11.95m	(6) 26	11.5	12.0	B
13.0					SPT 13.0-13.45m	(6) 30	13.0	13.5	B

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
	0.0m	20.5m	11.0m 19.0m	Rising to 10.4m in 10 minutes Rising to 15.0m in 10 minutes	13.5m		

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 2 OF 4

SOILTECHNICS
GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS
Cedar Barn, White Lodge, Welgrave, Northampton. NN6 9PY.
Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net

GROUND LEVEL	CO-ORDINATES
LOCATION PLAN ON DRAWING No STB620D-02	DATE OF EXCAVATION 26.10.05

PROJECT
35 Back Piccadilly, Manchester
Proposed development

PROJECT REF.	BOREHOLE No
STB620D	BH02

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
13.5		Stiff dark brown slightly sandy CLAY with occasional cobbles of flint. (GLACIAL TILL)		13.5	SPT © 13.5-13.95m	(10) 34	13.5	14.0	B
14.6		Very dense light brown mottled yellow brown very sandy GRAVEL with some cobbles of flint. (GLACIAL TILL)		14.6	SPT © 14.6m	(51) 50 for 150mm penetration	14.6	15.1	B
16.0					SPT © 16.0-16.45m	(16) 69	16.0	16.5	B
17.4		Very stiff dark brown sandy CLAY with occasional cobbles of flint. (GLACIAL TILL)			SPT © 17.4-17.85m	(12) 58	17.4	17.9	B
18.3		Dense brown and pink-brown SAND and GRAVEL with cobbles of flint and quartz. (GLACIAL TILL)		18.3	SPT © 18.3-18.75m	(10) 54	18.3	18.8	B
19.2		Weak red brown poorly cemented highly friable SANDSTONE. (PERMIAN AND TRIASSIC SANDSTONE)		19.0	SPT © 19.2-19.65m	(7) 41	19.2	19.7	
20.2				19.7	SPT © 20.2-20.65m	(50)	19.7		J

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
	0.0m	20.5m	11.0m 19.0m	Rising to 10.4m in 10 minutes Rising to 15.0m in 10 minutes	13.5m		

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 3 OF 4

SOILTECHNICS
GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS
Cedar Barn, White Lodge, Welgrave, Northampton. NN6 9PY.
Tel: (01604) 781877 Fax: (01604) 781007 E-mail: mail@soiltechnics.net

GROUND LEVEL	CO-ORDINATES
LOCATION PLAN ON DRAWING No	DATE OF EXCAVATION
STB620D-02	26.10.05

PROJECT
35 Back Piccadilly, Manchester
Proposed development

PROJECT REF.	BOREHOLE No
STB620D	BH02

CASING DEPTH (m)	WATER (m)	STRATA DESCRIPTION	LEGEND	DEPTH (m)	TEST RESULTS		SAMPLING		
					TYPE AND DEPTH	RESULT	FROM (m)	TO (m)	TYPE
		Weak red brown poorly cemented highly friable SANDSTONE. (PERMIAN AND TRIASSIC SANDSTONE)		20.5			20.5		J
		BOREHOLE TERMINATED AT 20.5m							
		Notes 1.)Chiselling from 9.6-9.9m, 14.1-14.3m, 14.7-15.0m, 16.5-16.9m and 20.2-20.5m for a total time of 3 hours 15 minutes. 2.) Water added to assist drilling at 14.6-18.3m							

DRILLING			GROUNDWATER				
TYPE (DIAMETER)	FROM	TO	DEPTH STRUCK	BEHAVIOUR	DEPTH SEALED	DATE	DEPTH OF CASING
	0.0m	20.5m	11.0m 18.0m	Rising to 10.4m in 10 minutes Rising to 15.0m in 10 minutes	13.5m		

REFER TO KEY AT BEGINNING OF THIS APPENDIX FOR EXPLANATION OF SYMBOLS

BOREHOLE RECORD SHEET 4 OF 4

SOILTECHNICS
GEOTECHNICAL ENGINEERS, ENVIRONMENTAL CONSULTANTS
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GROUND LEVEL	CO-ORDINATES
LOCATION PLAN ON DRAWING No STB620D-02	DATE OF EXCAVATION 26.10.05

PROJECT
35 Back Piccadilly, Manchester
Proposed development

PROJECT REF.	BOREHOLE No
STB620D	BH02

APPENDIX E

Copies of laboratory test result certificates – classification testing

PROJECT NAME: 35 BACK PICCADILLY, MANCHESTER
PROJECT NO: GEO / 9107

Date	07-Nov-2005
Approved	
Page	1 of 1

Sample details					Classification Tests					Density Tests		Undrained Triaxial Compression Tests			Chemical Tests			
Borehole No.	Depth (m)	No.	Type	Description	MC (%)	LL (%)	PL (%)	PI (%)	<425 mic (%)	Bulk (Mg/m³)	Dry (Mg/m³)	Cell Pressure (kPa)	Deviator Stress (kPa)	Shear Stress (kPa)	pH	2:1 W/S SO4 (g/L)	Ground Water SO4 (g/L)	Other tests and comments
TP 01	0.30		D	Stiff dark brown silty CLAY with traces of fine gravel	20	43	23	20	99									
01	2.00		D	Stiff dark brown silty CLAY with traces of fine gravel	21	42	22	20	99									

SUMMARY OF GEOTECHNICAL TESTING

GEOLABS

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APPENDIX F

Copies of laboratory results certificates – concentrations of chemical contaminants

ALcontrol Technichem

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Brian Thomson
Soiltechnics
Cedar Barn
White Lodge
Walgrave
Northampton
NN6 9PY

24 November 2005

TEST REPORT

Our Report Number: 05-08849

Your Order Reference: 5386

10 soil samples submitted for analysis on 31/10/2005

Project Name: 35 Back Picadilly, Manchester

Project Code: STB0620D

Laboratory analysis started on 31/10/2005
All laboratory analysis completed by 24 November 2005

Rexona Rahman
Analytical Reporting Manager
ALCONTROL TECHNICHEM

Leigh Barker
Project Co-ordinator
ALCONTROL TECHNICHEM

Test methods are documented in house procedures or where appropriate standard methods. Non accredited tests (if applicable) are identified on each page. Procedures for sampling are outside the scope of the laboratory UKAS accreditation. Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation. All samples connected with this report , including any 'on hold', will be stored and disposed of according to company policy. A copy of this policy is available on request.

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1141

ALcontrol Technichem
Sample Description

Job Number: 05-08849
Client: Soiltechnics
Project Code: STB0620D

Matrix: Soil
Project Name: 35 Back Picadilly, Manchester

Laboratory Reference No	Sample Reference	Sample Depth (m)	Date Sampled	Sample Description
105151	TP01	0.1	24/10/05	Dark brown sandy clay with stones and brick
105152	TP02	0.1	24/10/05	Dark brown clay with stones and brick
105153	TP02	0.9	24/10/05	Dark brown clay
105154	TP03	0.3	24/10/05	Dark grey sandy clay with stones and brick
105155	BH01	0.7	24/10/05	Dark brown sandy clay with brick
105156	BH01	4.0	24/10/05	Dark brown clay
105157	BH01	10.4	24/10/05	Dark brown sand with stones

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP02	TP02	TP03	BH01	BH01	Method No	Units
Sample Depth (m)	0.1	0.1	0.9	0.3	0.7	4.0		
Date Sampled	24/10/05	24/10/05	24/10/05	24/10/05	24/10/05	24/10/05		
Date Scheduled	31/10/05	31/10/05	31/10/05	31/10/05	31/10/05	31/10/05		
Laboratory Reference No	105151	105152	105153	105154	105155	105156		
Analysis								
Moisture Content (Dry Weight)	28.8	28.3	17.7	26.9	29.3	22.1		%
Moisture Content (Wet Weight)	22.4	22.0	15.1	21.2	22.6	18.1		%
Arsenic	16	31	6.5	38	14	6.5	069[M]	mg/kg
Beryllium	1.8	2.1	1.6	2.3	2.1	1.4	069[M]	mg/kg
Cadmium	1.9	2.4	1.6	2.7	5.2	2.5	069[M]	mg/kg
Chromium	30	46	34	27	43	28	069[M]	mg/kg
Lead	550	890	25	1000	450	33	069[M]	mg/kg
Mercury	0.6	1.3	< 0.3	1.9	0.6	< 0.3	069[M]	mg/kg
Nickel	32	31	34	31	59	32	069[M]	mg/kg
Selenium	1.9	2.5	3.3	1.5	4.7	2.8	069[M]	mg/kg
W/S Sulphate as SO4	1.6	1.6	0.12	1.6	0.58	0.17	074[M]	g/l
Vanadium	38	38	33	40	57	29	069[M]	mg/kg
Free Cyanide	<5	<5	<5	<5	<5	<5	061[I]	mg/kg
Complex Cyanide	<5	<5	<5	<5	<5	<5	061[L]	mg/kg
Total Cyanide	<5	<5	<5	<5	<5	<5	061[M]	mg/kg
Organic Matter	2.6	2.7	0.84	4.8	2.3	1.6	026[I]	%
pH	8.0	8.0	8.2	8.3	8.1	8.3	009[M]	pH Units
Elemental Sulphur	<100	<100	<100	<100	<100	<100	032[M]	mg/kg
7 PCB SUITE								
PCB Congener 28	<0.03	-	<0.03	-	-	-	039S[I]	mg/kg
PCB Congener 52	<0.02	-	<0.02	-	-	-	039S[I]	mg/kg
PCB Congener 101	<0.03	-	<0.03	-	-	-	039S[M]	mg/kg
PCB Congener 118	< 0.035	-	< 0.035	-	-	-	039S[M]	mg/kg
PCB Congener 138	<0.05	-	<0.05	-	-	-	039S[M]	mg/kg
PCB Congener 153	< 0.035	-	< 0.035	-	-	-	039S[M]	mg/kg
PCB Congener 180	< 0.055	-	< 0.055	-	-	-	039S[M]	mg/kg
PCB's (Sum of ICES Congeners)	ND	-	ND	-	-	-	039S[I]	mg/kg

[I] Determination is Accredited to ISO 17025
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP02	TP02	TP03	BH01	BH01		
Sample Depth (m)	0.1	0.1	0.9	0.3	0.7	4.0		
Date Sampled	24/10/05	24/10/05	24/10/05	24/10/05	24/10/05	24/10/05		
Date Scheduled	31/10/05	31/10/05	31/10/05	31/10/05	31/10/05	31/10/05		
Laboratory Reference No	105151	105152	105153	105154	105155	105156		
Analysis							Method No	Units
Pentachloroethane	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Hexachloroethane	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
1,3,5-trichlorobenzene	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
1,2,4-trichlorobenzene	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
1,2,3-trichlorobenzene	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Hexachlorobutadiene	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
1,2,4,5-tetrachlorobenzene	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Dichlobenil	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Pentachlorobenzene	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Tecnazene	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Trifluralin	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
alpha-HCH	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Hexachlorobenzene	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
beta-HCH	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
gamma-HCH (lindane)	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Quintozene	<0.1	-	<0.1	-	-	-	076	mg/kg
Propyzamide	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
delta-HCH	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Chlorothalonil	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Triallate	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Heptachlor	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Aldrin	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Triadimefon	<0.1	-	<0.1	-	-	-	076	mg/kg
Isodrin	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Pendimethalin	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Cis-Heptachlor Epoxide	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
gamma-Chlordane (trans)	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
o,p-DDE	<0.1	-	<0.1	-	-	-	076[I]	mg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP02	TP02	TP03	BH01	BH01	Method No	Units
Sample Depth (m)	0.1	0.1	0.9	0.3	0.7	4.0		
Date Sampled	24/10/05	24/10/05	24/10/05	24/10/05	24/10/05	24/10/05		
Date Scheduled	31/10/05	31/10/05	31/10/05	31/10/05	31/10/05	31/10/05		
Laboratory Reference No	105151	105152	105153	105154	105155	105156		
Analysis								
alpha-Endosulphan	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
alpha-Chlordane (cis)	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
p,p-DDE	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Dieldrin	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
o,p-TDE	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Endrin	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
beta-Endosulphan	<0.1	-	<0.1	-	-	-	076	mg/kg
Iprodione	<0.1	-	<0.1	-	-	-	076	mg/kg
p,p-TDE	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
o,p-DDT	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Propiconazole I	<0.1	-	<0.1	-	-	-	076	mg/kg
Endosulphan sulphate	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
p,p-DDT	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Propiconazole II	<0.1	-	<0.1	-	-	-	076	mg/kg
o,p-Methoxychlor	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Fluroxypyr	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
p,p-Methoxychlor	<0.1	-	<0.1	-	-	-	076[I]	mg/kg
Permethrin I	<0.1	-	<0.1	-	-	-	076	mg/kg
Permethrin II	<0.1	-	<0.1	-	-	-	076[I]	mg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	BH01						Method No	Units
Sample Depth (m)	10.4							
Date Sampled	24/10/05							
Date Scheduled	31/10/05							
Laboratory Reference No	105157							
Analysis								
Moisture Content (Dry Weight)	17.7							%
Moisture Content (Wet Weight)	15.0							%
Arsenic	2.9						069[IM]	mg/kg
Beryllium	0.8						069[IM]	mg/kg
Cadmium	0.9						069[IM]	mg/kg
Chromium	23						069[IM]	mg/kg
Lead	9.7						069[IM]	mg/kg
Mercury	< 0.3						069[IM]	mg/kg
Nickel	12.						069[IM]	mg/kg
Selenium	1.6						069[IM]	mg/kg
W/S Sulphate as SO4	0.11						074[IM]	g/l
Vanadium	10						069[IM]	mg/kg
Free Cyanide	<5						061[I]	mg/kg
Complex Cyanide	<5						061[I]	mg/kg
Total Cyanide	<5						061[IM]	mg/kg
Organic Matter	<0.1						026[I]	%
pH	8.2						009[IM]	pH Units
Elemental Sulphur	<100						032[IM]	mg/kg
PCB SUITE								
PCB Congener 28	-						039S[I]	mg/kg
PCB Congener 52	-						039S[I]	mg/kg
PCB Congener 101	-						039S[IM]	mg/kg
PCB Congener 118	-						039S[IM]	mg/kg
PCB Congener 138	-						039S[IM]	mg/kg
PCB Congener 153	-						039S[IM]	mg/kg
PCB Congener 180	-						039S[IM]	mg/kg
PCB's (Sum of ICES Congeners)	-						039S[I]	mg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	BH01							
Sample Depth (m)	10.4							
Date Sampled	24/10/05							
Date Scheduled	31/10/05							
Laboratory Reference No	105157							
Analysis								
Pentachloroethane	-						076[I]	mg/kg
Hexachloroethane	-						076[I]	mg/kg
1,3,5-trichlorobenzene	-						076[I]	mg/kg
1,2,4-trichlorobenzene	-						076[I]	mg/kg
1,2,3-trichlorobenzene	-						076[I]	mg/kg
Hexachlorobutadiene	-						076[I]	mg/kg
1,2,4,5-tetrachlorobenzene	-						076[I]	mg/kg
Dichlobenil	-						076[I]	mg/kg
Pentachlorobenzene	-						076[I]	mg/kg
Tecnazene	-						076[I]	mg/kg
Trifluralin	-						076[I]	mg/kg
alpha-HCH	-						076[I]	mg/kg
Hexachlorobenzene	-						076[I]	mg/kg
beta-HCH	-						076[I]	mg/kg
gamma-HCH (lindane)	-						076[I]	mg/kg
Quintozene	-						076	mg/kg
Propyzamide	-						076[I]	mg/kg
delta-HCH	-						076[I]	mg/kg
Chlorothalonil	-						076[I]	mg/kg
Triallate	-						076[I]	mg/kg
Heptachlor	-						076[I]	mg/kg
Aldrin	-						076[I]	mg/kg
Triadimefon	-						076	mg/kg
Isodrin	-						076[I]	mg/kg
Pendimethalin	-						076[I]	mg/kg
Cis-Heptachlor Epoxide	-						076[I]	mg/kg
gamma-Chlordane (trans)	-						076[I]	mg/kg
o,p-DDE	-						076[I]	mg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	BH01						Method No	Units
Sample Depth (m)	10.4							
Date Sampled	24/10/05							
Date Scheduled	31/10/05							
Laboratory Reference No	105157							
Analysis								
alpha-Endosulphan	-						076[I]	mg/kg
alpha-Chlordane (cis)	-						076[I]	mg/kg
p,p-DDE	-						076[I]	mg/kg
Dieldrin	-						076[I]	mg/kg
o,p-TDE	-						076[I]	mg/kg
Endrin	-						076[I]	mg/kg
beta-Endosulphan	-						076	mg/kg
Iprodione	-						076	mg/kg
p,p-TDE	-						076[I]	mg/kg
o,p-DDT	-						076[I]	mg/kg
Propiconazole I	-						076	mg/kg
Endosulphan sulphate	-						076[I]	mg/kg
p,p-DDT	-						076[I]	mg/kg
Propiconazole II	-						076	mg/kg
o,p-Methoxychlor	-						076[I]	mg/kg
Fluroxypyr	-						076[I]	mg/kg
p,p-Methoxychlor	-						076[I]	mg/kg
Permethrin I	-						076	mg/kg
Permethrin II	-						076[I]	mg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP02	TP02	TP03	BH01	BH01	Method No	Units
Sample Depth (m)	0.1	0.1	0.9	0.3	0.7	4.0		
Date Sampled	24/10/05	24/10/05	24/10/05	24/10/05	24/10/05	24/10/05		
Date Scheduled	31/10/05	31/10/05	31/10/05	31/10/05	31/10/05	31/10/05		
Laboratory Reference No	105151	105152	105153	105154	105155	105156		
Analysis								
PAH SUITE								
Naphthalene	<0.1	0.15	<0.1	0.11	<0.1	<0.1	022S[M]	mg/kg
Acenaphthylene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	022S[I]	mg/kg
Acenaphthene	<0.1	0.10	<0.1	<0.1	<0.1	<0.1	022S[M]	mg/kg
Fluorene	<0.1	0.14	<0.1	<0.1	<0.1	<0.1	022S[I]	mg/kg
Phenanthrene	0.41	1.7	<0.1	1.1	<0.1	0.27	022S[M]	mg/kg
Anthracene	0.10	0.41	<0.1	0.29	<0.1	0.17	022S[M]	mg/kg
Fluoranthene	0.42	1.8	<0.1	1.4	<0.1	0.18	022S[M]	mg/kg
Pyrene	0.44	1.9	<0.1	1.4	<0.1	0.16	022S[M]	mg/kg
Benzo(a)anthracene	0.18	0.74	<0.1	0.66	<0.1	<0.1	022S[M]	mg/kg
Chrysene	0.23	0.89	<0.1	0.82	<0.1	0.15	022S[M]	mg/kg
Benzo(b)fluoranthene	0.12	0.44	<0.1	0.43	<0.1	<0.1	022S[M]	mg/kg
Benzo(k)fluoranthene	0.15	0.62	<0.1	0.61	<0.1	<0.1	022S[M]	mg/kg
Benzo(a)pyrene	0.13	0.55	<0.1	0.55	<0.1	<0.1	022S[M]	mg/kg
Indeno(1,2,3-cd)pyrene	<0.1	0.24	<0.1	0.25	<0.1	<0.1	022S[M]	mg/kg
Dibenzo(a,h)anthracene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	022S[I]	mg/kg
Benzo(g,h,i)perylene	<0.1	0.36	<0.1	0.41	<0.1	<0.1	022S[M]	mg/kg
PAH (Sum of EPA 16)	2.19	10.06	ND	8.02	ND	0.93	022S[I]	mg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	BH01						Method No	Units
Sample Depth (m)	10.4							
Date Sampled	24/10/05							
Date Scheduled	31/10/05							
Laboratory Reference No	105157							
Analysis								
PAH SUITE								
Naphthalene	<0.1						022S[M]	mg/kg
Acenaphthylene	<0.1						022S[I]	mg/kg
Acenaphthene	<0.1						022S[M]	mg/kg
Fluorene	<0.1						022S[I]	mg/kg
Phenanthrene	<0.1						022S[M]	mg/kg
Anthracene	<0.1						022S[M]	mg/kg
Fluoranthene	<0.1						022S[M]	mg/kg
Pyrene	<0.1						022S[M]	mg/kg
Benzo(a)anthracene	<0.1						022S[M]	mg/kg
Chrysene	<0.1						022S[M]	mg/kg
Benzo(b)fluoranthene	<0.1						022S[M]	mg/kg
Benzo(k)fluoranthene	<0.1						022S[M]	mg/kg
Benzo(a)pyrene	<0.1						022S[M]	mg/kg
Indeno(1,2,3-cd)pyrene	<0.1						022S[M]	mg/kg
Dibenzo(a,h)anthracene	<0.1						022S[I]	mg/kg
Benzo(g,h,i)perylene	<0.1						022S[M]	mg/kg
PAH (Sum of EPA 16)	ND						022S[I]	mg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP02					Method No	Units
Sample Depth (m)	0.1	0.9						
Date Sampled	24/10/05	24/10/05						
Date Scheduled	31/10/05	31/10/05						
Laboratory Reference No	105151	105153						
Analysis								
** SVOC SUITE **								
Naphthalene	540	< 150					053S[IM]	µg/kg
2-Chloronaphthalene	< 150	< 150					053S[IM]	µg/kg
Acenaphthylene	610	< 150					053S[IM]	µg/kg
Acenaphthene	260	< 150					053S[IM]	µg/kg
Fluorene	710	< 150					053S[IM]	µg/kg
Phenanthrene	2500	< 150					053S[IM]	µg/kg
Anthracene	820	< 150					053S[IM]	µg/kg
Fluoranthene	2500	< 150					053S[IM]	µg/kg
Pyrene	2600	< 150					053S[IM]	µg/kg
Benz(a)anthracene	2000	< 150					053S	µg/kg
Chrysene	1700	< 150					053S[IM]	µg/kg
Benzo(b)fluoranthene	2800	< 150					053S[IM]	µg/kg
Benzo(k)fluoranthene	1400	< 150					053S[IM]	µg/kg
Benzo(a)pyrene	2300	< 150					053S	µg/kg
Dibenzo(a,h)anthracene	510	< 150					053S[IM]	µg/kg
Indeno(1,2,3-cd)pyrene	1400	< 150					053S[IM]	µg/kg
Benzo(g,h,i)perylene	1800	< 150					053S[IM]	µg/kg
Phenol	< 150	< 150					053S[I]	µg/kg
2-Chlorophenol	< 150	< 150					053S[IM]	µg/kg
2-Methylphenol	< 200	< 200					053S[I]	µg/kg
4-Methylphenol	< 200	< 200					053S[IM]	µg/kg
2-Nitrophenol	< 300	< 300					053S[IM]	µg/kg
2,4-Dimethylphenol	< 250	< 250					053S[IM]	µg/kg
2,4-Dichlorophenol	< 200	< 200					053S[IM]	µg/kg
2,6-Dichlorophenol	< 200	< 200					053S[IM]	µg/kg
4-Chloro-3-methyl phenol	< 150	< 150					053S[IM]	µg/kg
2,4,6-Trichlorophenol	< 150	< 150					053S[IM]	µg/kg
2,4,5-Trichlorophenol	< 200	< 200					053S[IM]	µg/kg
4-Nitrophenol	< 300	< 300					053S	µg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP02					Method No	Units
Sample Depth (m)	0.1	0.9						
Date Sampled	24/10/05	24/10/05						
Date Scheduled	31/10/05	31/10/05						
Laboratory Reference No	105151	105153						
Analysis								
SVOC SUITE Cont.								
2,3,4,6-Tetrachlorophenol	< 250	< 250					053S	µg/kg
Pentachlorophenol	< 250	< 250					053S	µg/kg
Dimethyl Phthalate	< 200	< 200					053S[IM]	µg/kg
Diethyl Phthalate	< 200	< 200					053S[IM]	µg/kg
Di-n-butyl phthalate	< 150	< 150					053S[IM]	µg/kg
Butyl benzyl phthalate	< 150	< 150					053S[IM]	µg/kg
Bis(2-chloroethyl)ether	< 150	< 150					053S[IM]	µg/kg
Bis(2-chloroisopropyl)ether	< 200	< 200					053S[IM]	µg/kg
4-Chlorophenyl phenyl ether	< 150	< 150					053S[IM]	µg/kg
Bromo phenyl phenyl ether	< 200	< 200					053S[IM]	µg/kg
1,3-Dichlorobenzene	< 200	< 200					053S[IM]	µg/kg
1,2-Dichlorobenzene	< 150	< 150					053S[IM]	µg/kg
1,4-Dichlorobenzene	< 200	< 200					053S[IM]	µg/kg
Nitrobenzene	< 150	< 150					053S[IM]	µg/kg
1,2,4-Trichlorobenzene	< 200	< 200					053S[IM]	µg/kg
2,6-Dinitrotoluene	< 200	< 200					053S[IM]	µg/kg
2,4-Dinitrotoluene	< 200	< 200					053S[IM]	µg/kg
Azobenzene	< 200	< 200					053S[IM]	µg/kg
Hexachlorobenzene	< 200	< 200					053S[IM]	µg/kg
Hexachloroethane	< 150	< 150					053S[IM]	µg/kg
n-Nitro-n-propyl-1-propanamine	< 200	< 200					053S[IM]	µg/kg
Isophorone	< 200	< 200					053S[IM]	µg/kg
Bis(2-chloroethoxy)methane	< 150	< 150					053S[IM]	µg/kg
Hexachlorobutadiene	< 150	< 150					053S[IM]	µg/kg
Anthraquinone	210	< 150					053S[IM]	µg/kg
Aniline	< 100	< 100					053S[I]	µg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP02					Method No	Units
Sample Depth (m)	0.1	0.9						
Date Sampled	24/10/05	24/10/05						
Date Scheduled	31/10/05	31/10/05						
Laboratory Reference No	105151	105153						
Analysis								
Dichlorodifluoromethane	< 20	< 20					071S[IN]	µg/kg
Chloromethane	< 20	< 20					071S[IN]	µg/kg
Vinyl Chloride	< 10	< 10					071S	µg/kg
Bromomethane	< 20	< 20					071S[IN]	µg/kg
Chloroethane	< 10	< 10					071S[IN]	µg/kg
Trichlorofluoromethane	< 10	< 10					071S[IN]	µg/kg
1,1-Dichloroethene	< 20	< 20					071S	µg/kg
112-Trichl-122-Trifluoroethane	< 25	< 25					071S[IN]	µg/kg
Dichloromethane	< 25	< 25					071S	µg/kg
Carbon Disulfide	< 20	< 20					071S[IN]	µg/kg
Trans-1,2 Dichloroethene	< 10	< 10					071S	µg/kg
MTBE	< 10	< 10					071S	µg/kg
1,1 -Dichloroethane	< 10	< 10					071S	µg/kg
Cis-1,2 Dichloroethene	< 10	< 10					071S[IN]	µg/kg
Bromochloromethane	< 10	< 10					071S[IN]	µg/kg
Chloroform	< 10	< 10					071S[IN]	µg/kg
2,2-Dichloropropane	< 20	< 20					071S[IN]	µg/kg
1,1,1-Trichloroethane	< 20	< 20					071S	µg/kg
1,2-Dichloroethane	< 20	< 20					071S	µg/kg
1,1-Dichloropropene	< 10	< 10					071S[IN]	µg/kg
Benzene	< 20	< 20					071S	µg/kg
Carbon Tetrachloride	< 20	< 20					071S[IN]	µg/kg
Dibromomethane	< 20	< 20					071S[IN]	µg/kg
1,2-Dichloropropane	< 10	< 10					071S[IN]	µg/kg
Trichloroethene	< 20	< 20					071S[IN]	µg/kg
Bromodichloromethane	< 20	< 20					071S[IN]	µg/kg
Cis-1,3 Dichloropropene	< 20	< 20					071S[IN]	µg/kg
Trans-1,3 Dichloropropene	< 20	< 20					071S[IN]	µg/kg
1,1,2-Trichloroethane	< 20	< 20					071S[IN]	µg/kg
Toluene	< 20	< 20					071S	µg/kg
1,3 -Dichloropropane	< 20	< 20					071S[IN]	µg/kg

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Soil
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP02					Method No	Units
Sample Depth (m)	0.1	0.9						
Date Sampled	24/10/05	24/10/05						
Date Scheduled	31/10/05	31/10/05						
Laboratory Reference No	105151	105153						
Analysis								
VOC SUITE Cont								
Dibromochloromethane	< 20	< 20					071S[IM]	µg/kg
1,2-Dibromoethane	< 20	< 20					071S[IM]	µg/kg
Tetrachloroethene	< 20	< 20					071S	µg/kg
1,1,1,2-Tetrachloroethane	< 10	< 10					071S	µg/kg
Chlorobenzene	< 20	< 20					071S[IM]	µg/kg
Ethyl Benzene	< 20	< 20					071S	µg/kg
m,p-Xylenes	< 30	< 30					071S	µg/kg
Bromoform	< 10	< 10					071S[IM]	µg/kg
Styrene	< 20	< 20					071S[IM]	µg/kg
o-Xylene	< 20	< 20					071S	µg/kg
1,1,2,2 Tetrachloroethane	< 10	< 10					071S	µg/kg
1,2,3-Trichloropropane	< 20	< 20					071S[IM]	µg/kg
Isopropylbenzene	< 20	< 20					071S[IM]	µg/kg
Bromobenzene	< 10	< 10					071S[IM]	µg/kg
n-propylbenzene	< 20	< 20					071S[IM]	µg/kg
2-Chlorotoluene	< 20	< 20					071S[IM]	µg/kg
4-Chlorotoluene	< 20	< 20					071S[IM]	µg/kg
1,3,5 Trimethylbenzene	< 20	< 20					071S	µg/kg
tert-butylbenzene	< 20	< 20					071S[IM]	µg/kg
1,2,4 Trimethylbenzene	< 20	< 20					071S	µg/kg
sec-butylbenzene	< 20	< 20					071S[IM]	µg/kg
1,3 Dichlorobenzene	< 20	< 20					071S	µg/kg
1,4 Dichlorobenzene	< 20	< 20					071S	µg/kg
4-Isopropyltoluene	< 20	< 20					071S[IM]	µg/kg
1,2 Dichlorobenzene	< 20	< 20					071S	µg/kg
n-butylbenzene	< 20	< 20					071S	µg/kg
1,2,4-Trichlorobenzene	< 20	< 20					071S	µg/kg
1,2-Dibromo-3-Chloropropane	< 20	< 20					071S	µg/kg
Hexachlorobutadiene	< 20	< 20					071S	µg/kg
1,2,3-Trichlorobenzene	< 20	< 20					071S	µg/kg

[I] Determination is Accredited to ISO 17025
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Leachate
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP03					Method No	Units
Sample Depth (m)	0.1	0.3						
Date Sampled	24/10/05	24/10/05						
Date Scheduled	31/10/05	31/10/05						
Laboratory Reference No	105151	105154						
Analysis								
Arsenic	0.010	0.013					016[I]	mg/l
Barium	0.040	0.031					062[I]	mg/l
Beryllium	< 0.005	< 0.005					062[I]	mg/l
Boron	0.07	0.08					016[I]	mg/l
Cadmium	< 0.001	< 0.001					016[I]	mg/l
Chromium	< 0.01	< 0.01					016[I]	mg/l
Copper	< 0.005	< 0.005					016[I]	mg/l
Lead	< 0.01	< 0.01					016[I]	mg/l
Mercury	< 0.00005	< 0.00005					028[I]	mg/l
Nickel	< 0.005	< 0.005					016[I]	mg/l
Selenium	< 0.01	< 0.01					016[I]	mg/l
Vanadium	< 0.02	< 0.02					062[I]	mg/l
Zinc	< 0.005	0.006					016[I]	mg/l
pH	7.9	7.9					084	pH Units
Free Cyanide	< 0.03	< 0.03					061[I]	mg/l
Complex Cyanide	< 0.03	< 0.03					061[I]	mg/l
Total Cyanide	< 0.03	< 0.03					061[I]	mg/l
Nitrate as N	<1	<1					011[I]	mg/l
Sulphide	<0.05	<0.05					055[I]	mg/l
Sulphate	360	440					011[I]	mg/l

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results

Job Number : 05-08849
Matrix : Leachate
Project Code: STB0620D

Project Name: 35 Back Picadilly, Manchester
Client : Soiltechnics

Sample Reference	TP01	TP03					Method No	Units
Sample Depth (m)	0.1	0.3						
Date Sampled	24/10/05	24/10/05						
Date Scheduled	31/10/05	31/10/05						
Laboratory Reference No	105151	105154						
Analysis								
PAH SUITE								
Naphthalene	< 0.0001	< 0.0001					022L[I]	mg/l
Acenaphthalene	< 0.0001	< 0.0001					022L[I]	mg/l
Acenaphthene	< 0.0001	< 0.0001					022L[I]	mg/l
Fluorene	< 0.0001	< 0.0001					022L[I]	mg/l
Phenanthrene	< 0.0001	0.0001					022L[I]	mg/l
Anthracene	< 0.0001	< 0.0001					022L[I]	mg/l
Fluoranthene	< 0.0001	< 0.0001					022L[I]	mg/l
Pyrene	< 0.0001	< 0.0001					022L[I]	mg/l
Benzo(a)anthracene	< 0.0001	< 0.0001					022L[I]	mg/l
Chrysene	< 0.0001	< 0.0001					022L[I]	mg/l
Benzo(b)fluoranthene	< 0.0001	< 0.0001					022L[I]	mg/l
Benzo(k)fluoranthene	< 0.0001	< 0.0001					022L[I]	mg/l
Benzo(a)pyrene	< 0.0001	< 0.0001					022L[I]	mg/l
Indeno(1,2,3-cd)pyrene	< 0.0001	< 0.0001					022L[I]	mg/l
Dibenzo(a,h)anthracene	< 0.0001	< 0.0001					022L[I]	mg/l
Benzo(g,h,i)perylene	< 0.0001	< 0.0001					022L[I]	mg/l
PAH (Sum of EPA 16)	ND	0.0001					022L[I]	mg/l

[I] Determination is Accredited to ISO 17025.
[M] Determination is Accredited to MCERTS.

ALcontrol Technichem
Table Of Results - Appendix

Summary of methods contained within report :

Method No:	Reference	Description	ISO17025 Accredited	MCERTS Accredited	Wet/Dry Analysis
053S	In-house method	Determination of semi-volatile organic compounds in soil samples by dichloromethane extraction and GC-MS detection	Y	Y	W
022S	In-house method	Determination of PAH compounds in soil samples by hexane / acetone extraction followed by GC-MS detection	Y	Y	W
009	In-house method referencing BS1377: Part 3: 1990 and Second Site Property: Environmental Assessment Guidance Version 3: March 2003	Determination of pH by addition of water followed by electrometric measurement	Y	Y	W
084	In-house method	Determination of pH in aqueous samples by direct electrometric measurement	N	N	W
080	In-house method based on MEWAM "Inductively Coupled Plasma Spectrometry", HMSO, 1996	Determination of metals in aqueous samples by nitric acid digestion followed by Inductively Coupled Plasma - Mass Spectrometry detection (ICP-MS)	N	N	W
076	In-house method	Determination of organochlorine pesticides in soil samples by hexane/acetone extraction followed by GC-MS detection	Y	N	W
071S	In-house method	Determination of volatile organic compounds in soil samples by headspace GC-MS analysis	N	N	W
065	In-house method	Determination of total petroleum hydrocarbons in soil samples using hexane:acetone extraction followed by silica-alumina "clean-up" and GC-FID detection	N	N	W

ALcontrol Technichem
Table Of Results - Appendix

Summary of methods contained within report :

Method No	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Analysis
062	In-house method based on MEWAM "Inductively Coupled Plasma Spectrometry", HMSO, 1996	Determination of metals in aqueous samples by nitric digestion followed by ICP-OES detection	Y	N	W
061	In-house method based on Method 4500-CN, "Standard Methods for the Examination of Water and Waste Water", APHA AWWA WEF, Edition 18, 1992	Determination of cyanides and thiocyanate in aqueous samples by continuous flow colorimetry (Skalar)	Y	N	W
055	In-house method based on MEWAM "Sulphide in Waters and Effluents", HMSO, 1983	Determination of sulphide in aqueous samples by direct colourimetry	Y	N	W
029	In-house method based on MEWAM "Suspended, Settleable and Total Dissolved Solids in Waters and Effluents", HMSO, 1980	Determination of total, settleable and suspended solids in aqueous samples by filtration and gravimetry	N	N	W
028	In-house method	Determination of mercury in aqueous samples by bromine digestion and atomic fluorescence detection	Y	N	W
022L	In-house method	Determination of PAH compounds in aqueous samples by pentane extraction followed by GC-MS detection	Y	N	W
016	In-house method based on MEWAM "Inductively Coupled Plasma Spectrometry", HMSO, 1996	Determination of metals in aqueous samples by nitric digestion followed by ICP-OES detection	Y	N	W
011	In-house method	Determination of anion content in aqueous samples using ion chromatographic determination with electrical conductivity detector	N	N	W

ALcontrol Technichem
Table Of Results - Appendix

Summary of methods contained within report :

Method No	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Wet/Dry Analysis
074	In-house method based on BS1377 Part 3, "Chemical and Electrochemical Tests", 1990	Determination of 2:1 water soluble sulphate in soil samples by Inductively Coupled Plasma - Optical Emission Spectrometry (ICP-OES)	Y	Y	D
069	In-house method based on MEWAM "Methods for the Determination of Metals in Soil", HMSO, 1986	Determination of metals in soil samples by aqua-regia digestion followed by ICP-OES detection	Y	Y	D
032	In-house method	Determination of elemental sulphur (with simultaneous PAH screening) by dichloromethane extraction followed by HPLC-UV detection	Y	Y	D
026	In-house method based on BS1377 Part 3, "Chemical and Electrochemical Tests", 1990	Determination of organic matter in soil samples by oxidation (Walkley & Black method) followed by titration	Y	N	D

Soil results are expressed on a dry weight basis. Where the test uses as-received sample, a moisture correction factor is applied to the wet weight result to convert it. This factor is determined gravimetrically using loss of moisture on drying at 30 (+/-5) degrees C.

APPENDIX G

Statistical analysis of test data in relation to concentrations of chemical contaminants

Statistical analysis of test data in relation to concentrations of chemical contaminants

Contaminant	Maximum value test									Mean value test				
	Number of test results (sample size, n)	Outlier test statistics (T)	Critical Values 5%	Critical Values 10%	Number of samples considered outliers	Outlier sample location: Exploration point	Outlier sample location: Sample depth (m)	Outlier sample location: Concentration of outlier (mg/kg)	Further investigation suggested from test result alone (see note 3)	95th Percentile value (mg/kg)	Soil Guideline value (mg/kg)	Site specific guideline value (mg/kg)	Guideline exceeded by 95th percentile value?	95th percentile value (all tests) (mg/kg)
Arsenic	7	1.266	1.94	1.83	0					26.2	20	-	Y	26.2
Beryllium	7	0.924	1.94	1.83	0					2.1	-	200	N	2.1
Cadmium (pH - 8)	7	1.990	1.94	1.83	1	TP03	0.3	27	Y					
Cadmium (pH - 8)	6	1.878	1.82	1.73	2	BH01	0.7	5.2	Y					
Cadmium (pH - 8)	5	0.862	1.67	1.6	2					2.5	30	-	N	12.8
Chromium (tot)	7	1.425	1.94	1.83	0					39.3	200	-	N	39.3
Cyanide (complex)	7	0.000	1.94	1.83	0					<5.0	-	-	N	5.0
Cyanide (free)	7	0.000	1.94	1.83	0					<5.0	-	-	N	5.0
Lead	7	0.974	1.94	1.83	0					729.6	450	-	Y	729.6
Mercury	7	1.569	1.94	1.83	0					1.2	15	-	N	1.2
Nickel	7	0.155	1.94	1.83	0					43.1	75	-	N	43.1
Selenium	7	1.605	1.94	1.83	0					3.4	260	-	N	3.4
Sulphur	7	0.000	1.94	1.83	0					<100	-	-	N	100.0
Vanadium	7	1.075	1.94	1.83	0					45.4	-	1570	N	45.4
Benzo(a)pyrene	7	1.454	1.94	1.83	0					0.4	-	2	N	0.4
Naphthalene	7	2.205	1.94	1.83	1	TP02	0.1	0.15	Y					
Naphthalene	6	2.041	1.82	1.73	2	TP03	0.3	0.11	Y					
Naphthalene	5	0.000	1.67	1.6	2					0.1	-	60	N	0.1

Notes
1. Maximum value and mean value test carried out on number of test results available (refer to Contaminated Land report no 7 (CLR7))
2. Outlier samples identified by maximum value test are removed from sample population to carry out mean value test.
3. Further investigations suggested by statistical analysis may not necessarily be required. Refer to report for discussion.
4. Measured concentrations that are below the analytical detection limit, are assigned a value equal to the detection limit for the purposes of carrying out the above statistical analysis (in accordance with A8 of CLR7).

Outlier test statistic lies between critical values

Outlier test statistic is zero.

Project
Proposed Residential Development
35 Back Picadilly, Manchester

SOILTECHNICS

APPENDIX H

Copies of Statutory Undertakers replies

ntl: Plant Protection
Unit 11, Silver Street
Shaw Park
Aspley
Huddersfield
HD5 9AG

SOILTECHNICS
RECEIVED 21 OCT 2005
PROJECT REF. .....
ACTION BY .....
DATE ACTIONED .....

RECEIVED 21 OCT 2005

Soiltechnics
Cedar Barn, White Lodge
Walgrave
Northampton
NN6 9PY

20 October 2005

ntl:

RESPONSE TO YOUR REQUEST FOR PLANT LOCATION INFORMATION
HEALTH & SAFTEY AT WORK ACT 1974 HS (G) 47
NEW ROADS AND STREET WORKS ACT 1991 SECTION 79 (3) SECTIONS 84 AND 85
- C2 PRELIMINARY ENQUIRY

F.A.O: B Thomson

Our Ref: 192480
Your Ref:ST806200

Location:35 Back Piccadiliy
Manchester
***Your enquiry has been forwarded to
OPERATIONAL SUPPORT at our TEESSIDE
OFFICE - 01642 642145***

Dear Sir or Madam:

In response to your notice for the above reference, we can confirm that at present the ntl National Networks Core Network is not affected by your proposals. However, your works could affect our local infrastructure.

Therefore I have passed your enquiry to our local Area office, who will contact you in due course, should our local network be affected. For further information please contact the name and number at the top of this letter.

If you encounter any difficulties in contacting the above number, please do not hesitate to contact us on 0870 0130045.

Yours Faithfully

Peter Jamieson

ntl Plant Protection

No warranty is made as to the accuracy of the information contained within this letter. No liability of any kind whatsoever is accepted by ntl its servants or agents for any error or omission in respect of the information given in this letter. The actual position of underground services must be verified on site in accordance with Health and Safety guidance before any excavation with mechanical plant is used.

ntl Business Limited
Registered Office:
ntl House
Bartley Wood Business Park
Hook
Hampshire
RG27 9UP

Registered in
England and Wales
number 3076222

PP4 - ntl Core Network Affected (no as-built data)

Our Reference: NTL/05/N/MANCH/002982

Your Reference: STB0620D

Date: 25 Oct 05

ntl:

Roberts House
Dehavilland Avenue
Preston Farm Business Park
Stockton-on-Tees
Teesside TS18 3TH

Solitechnics
Ceder Barn
White Lodge
Walgrave
Nottingham
NN5 8PY

SOILTECHNICS
RECEIVED 28 OCT 2005
PROJECT REF.....
ACTION BY.....
DATE ACTIONED.....

FAO: Brian Thompson

Dear Sir / Madam,

New Roads and Streetworks Act 1991

35 Back Piccadily, Manchester

Thank you for your enquiry dated 13 Oct 05, regarding the above location.I can confirm that ntl do not have any apparatus at the above location.

This information must not be relied upon in the event of excavation or other works carried out in the vicinity of ntl plant. No liability of any kind whatsoever is accepted by ntl, its servants or agents for any error or omission in respect of information given. The actual position of the underground services must be verified and established on site before any mechanical plant is used. Any works near ntl plant should be undertaken in accordance with the Health & Safety Executive guidance HSG47 - Avoiding Danger from Underground Services.

Please quote the above reference in any future communication.

Yours faithfully,

V Metcalfe

Valerie Metcalfe
Operational Support
01642 642971

United Utilities North West
Property Searches
Stephen's Way
Goose Green
Wigan WN3 6PJ

DX 719690 Wigan 8

Telephone 0870 7510101
www.unitedutilities.com

SOILTECHNICS

RECEIVED 19 OCT 2005

PROJECT REF. .....

ACTION BY .....

DATE ACTIONED .....

Soiltechnics
Cedar Barn
White Lodge
Walgrave
Northampton
NN6 9PY

Facsimile: 0870 7510102
Email: Property.Searches@uuplc.co.uk
Your Ref: 5334
Our Ref: 057182174
Date: 18/10/05
MsContact: Frank Turner

FAO: Brian Thomson

Dear Sirs

Location: 35, Back Piccadily, Manchester

I acknowledge with thanks your request of dated 13/10/05 for information on the location of our services.

Please find enclosed plans showing the approximate position of our apparatus known to be in the vicinity of this site.

I attach General Condition Information sheets, which details contact numbers for additional services (i.e. new supplies, connections, diversions) which we are unable to deal with at this office. In addition you should ensure they are made available to anyone carrying out any works which may affect our apparatus.

I trust the above meets with you requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please fax to us on 0870 7510102 . Queries can not be dealt with over the telephone.

Yours faithfully

S. Whitelaw

Sheila Whitelaw

Team Leader
Property Searches

INVESTOR IN PEOPLE

United Utilities Water PLC
Registered in England & Wales No. 2366678
Registered office: Dawson House, Great Sankey
Warrington WA5 3LW

United Utilities North West
Property Searches
Stephens Way
Goose Green
Wigan WN3 6PJ
DX 719690 Wigan 8

Telephone 0870 7510101
www.unitedutilities.com

GENERAL CONDITIONS AND INFORMATION REGARDING UNITED UTILITIES DISTRIBUTION APPARATUS

Please ensure that a copy of these conditions is passed to your representative on site and to your contractor on site

These general conditions and precautions apply to the water distribution system of United Utilities

1 United Utilities provides approximate locations of its water mains or apparatus according to its records, but these records are not necessarily accurate or complete nor do they normally show the positions of private service pipes from the mains to properties. Where service pipes are shown, a blue broken line indicates their approximate position. No person or company shall be relieved from liability for any damage caused by reason of the actual positions and/or depths being different from those indicated.

2 Special requirements relative to our apparatus may be indicated. United Utilities staff will visit any site at reasonable notice to assist in the location of its underground water apparatus and advise any precautions that may be required to obviate any damage. To arrange a visit or for further information regarding new supplies, connections, diversions, costing, future proposals for construction of company apparatus or any notification required under these General Conditions, please telephone our Service Enquiries team on 08457 462200 or write to United Utilities, PO Box 453, Warrington, WA5 3QN.

3 In order to achieve safe working conditions adjacent to any water apparatus the following should be observed;

(a) All water apparatus should be located by hand digging prior to the use of mechanical excavation.

(b) During construction work where heavy plant may have to cross the line of a water main, and the main is not under a carriageway of adequate standard of construction, crossing points should be suitably reinforced with sleepers, steel plates or a specially constructed reinforced concrete raft as necessary. These crossing points should be clearly indicated and crossing the line of the water main at other places should be prevented. United Utilities staff will advise on the type of reinforcement necessary. This is particularly important on agricultural or open land, where tilling or erosion may have significantly reduced the original cover.

(c) No explosive should be used within 32 metres of any United Utilities apparatus without prior consultation with United Utilities.

(d) Where it is proposed to carry out piling within 15 metres of any water main United Utilities should be consulted so that affected main may be surveyed.

4 During any excavation, it is important that measures should be taken to ensure continued support for any water main:

(i) Where excavation of trenches adjacent to any water main is likely to affect its support, the main must be supported to the satisfaction of United Utilities.

(ii) Where a trench is excavated crossing or parallel to the line of a water main, the backfill should be adequately compacted to prevent any settlement which could subsequently cause damage to the main. In special cases it may be necessary to provide permanent support to a main which has been exposed over the length of the excavation before back-filling and reinstatement is carried out. No back-filled concrete should contact the main.

5 No other apparatus should be laid over and along the line of a water main irrespective of clearance. A minimum clearance of 450 millimetres should be allowed between any plant being installed and an existing main, to facilitate maintenance and repair, whether the adjacent plant is parallel to or crossing the main. No manhole, chamber, or other obstruction should be built over or around a water main.

6 Where a water main is coated with special wrapping and the wrapping is damaged, even to a minor extent, United Utilities must be notified, and the excavation must be left open for ready access so that repairs can be made. In case of any material damage to the main itself causing leakage, or weakening of the mechanical strength of the pipe, the person or body responsible should immediately notify United Utilities in order that the necessary remedial work can be carried out. The full cost of the necessary remedial work will be charged to the person or body responsible for the damage.

Cont'd

United Utilities
Map Services
Stephens Way
Goose Green
Wigan WN3 6PJ
DX 719690 Wigan 8

Telephone 0870 7510101
www.unitedutilities.com

GENERAL CONDITIONS AND INFORMATION REGARDING UNITED UTILITIES ELECTRICITY MAINS

Please ensure that a copy of these conditions is passed to your representative and contractor on site.

These general conditions and precautions apply to the electricity distribution system of United Utilities.

1 There may be other United Utilities apparatus in the vicinity, which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than United Utilities.

2 Before any machines are used all of United Utilities underground apparatus should be located by manual excavation taking the appropriate safety precautions in accordance with the Health and Safety Executive Guidance note HS(G)47 "Avoiding Danger from Underground Services"

Advice to Site Personnel when working near underground services

Underground services, particularly electricity and gas, can be dangerous. Damage to electricity cables can cause a dangerous flash, leading to severe burns or even death. Gas leaks can cause fire or explosion.
Damage can result from excavation or penetration of the ground, e.g. by a road pin.
Underground services may be found in roads, footpaths and on sites. ALWAYS ASSUME THAT THEY ARE PRESENT.
TREAT ANY SERVICES FOUND ANYWHERE AS LIVE.

ACCIDENTS HAVE HAPPENED BECAUSE PEOPLE HAVE MISTAKEN ONE SERVICE FOR ANOTHER
e.g. black plastic covered electricity cables look like black plastic water pipes and cast iron gas and water mains look alike.
CHECK BEFORE YOU ACT.

Before starting work your MUST:

- Make sure you have plans of the underground services in the area. This may not always be possible for emergency or unforeseen works. Remember that service connection cables and pipes from the main to building or street light may not be shown;
- Use a cable and pipe locator to trace electricity cables and metal pipes.
- Look for signs of service connection cables or pipes, e.g. a gas meter or service connection entry into a house or a street light;
- Hand dig trial holes (as many as necessary) to confirm the position of services in close proximity to the area of your work.

When you start work:

- Hand dig near buried services whenever possible. Spades and shovels are safer than picks pins or forks.
- Remember that cables may be embedded in concrete.
  Electricity Cables embedded in concrete MUST either be made dead before the concrete is broken out or another safe way of working agreed with the cable owner.
- Watch out for signs of services as work continues
- Report any damage to a cable, pipe or pipe coating however slight.
- Do not use hand-held power tools within 0.5m of the marked position of an electricity cable, unless this is impracticable and the line of the cable has been identified by plans and positively confirmed by a locator;
- Do not use hand-held powers tools directly over the marked line of a cable unless:
  (a) you have already found the cable at that position by careful hand digging beneath the surface and it is at a safe depth (at least 300mm) below the bottom of the surface to be broken; or
  (b) physical means have been used to prevent the tool striking it:
- If an excavator is used near an electricity cable keep everyone clear of the bucket while it is digging. Bucket should not be used near cable - hand dig
- Do not use exposed services as a convenient step or hand-hold;
- Do not handle at attempt to alter the position of an exposed service.
- Do not install plant close to an existing service.
- Do not build existing services into a manhole or other structure or encase them in concrete.

Cont'd

United Utilities
Map Services
Stephens Way
Goose Green
Wigan WN3 6PJ
DX 719690 Wigan 8

Telephone 0870 7510101
www.unitedutilities.com

GENERAL CONDITIONS AND INFORMATION REGARDING UNITED UTILITIES WASTEWATER NETWORK

1 **United Utilities provides the approximate locations of its sewers according to its records.** These records are not necessarily accurate or complete nor do they normally show the positions of every sewer culvert or drain, private connections from properties to the public sewers or the particulars of any private system. No person or company shall be relieved from liability for any damage caused by reason of the actual positions and/or depths being different from those indicated. The records do indicate the position of the nearest known public sewer from which the likely length of private connections can be estimated together with the need for any off site drainage rights or easements.

2 You should address sewerage enquiries to United Utilities Service Enquiries Team telephone **0845 746 2200.**

3 **Special requirements relative to our sewers may be indicated.** United Utilities staff or its contractors will visit any site at reasonable notice to assist in the location of its underground sewers and advise any precautions that may be required to obviate any damage. To arrange a visit or for further information regarding new supplies, connections, diversions, costing, or any notification required under these General Conditions, please see paragraph 2 above.

4 **Where public sewers are within a site, which is to be developed and do not take any drainage from outside the area,** they are from an operational viewpoint redundant. The Developer must identify all redundant sewers affected by the development and apply to United Utilities or its Wastewater Network Operator in writing for these sewers to be formally closed. The Developer shall bear all related costs of the physical abandonment work.

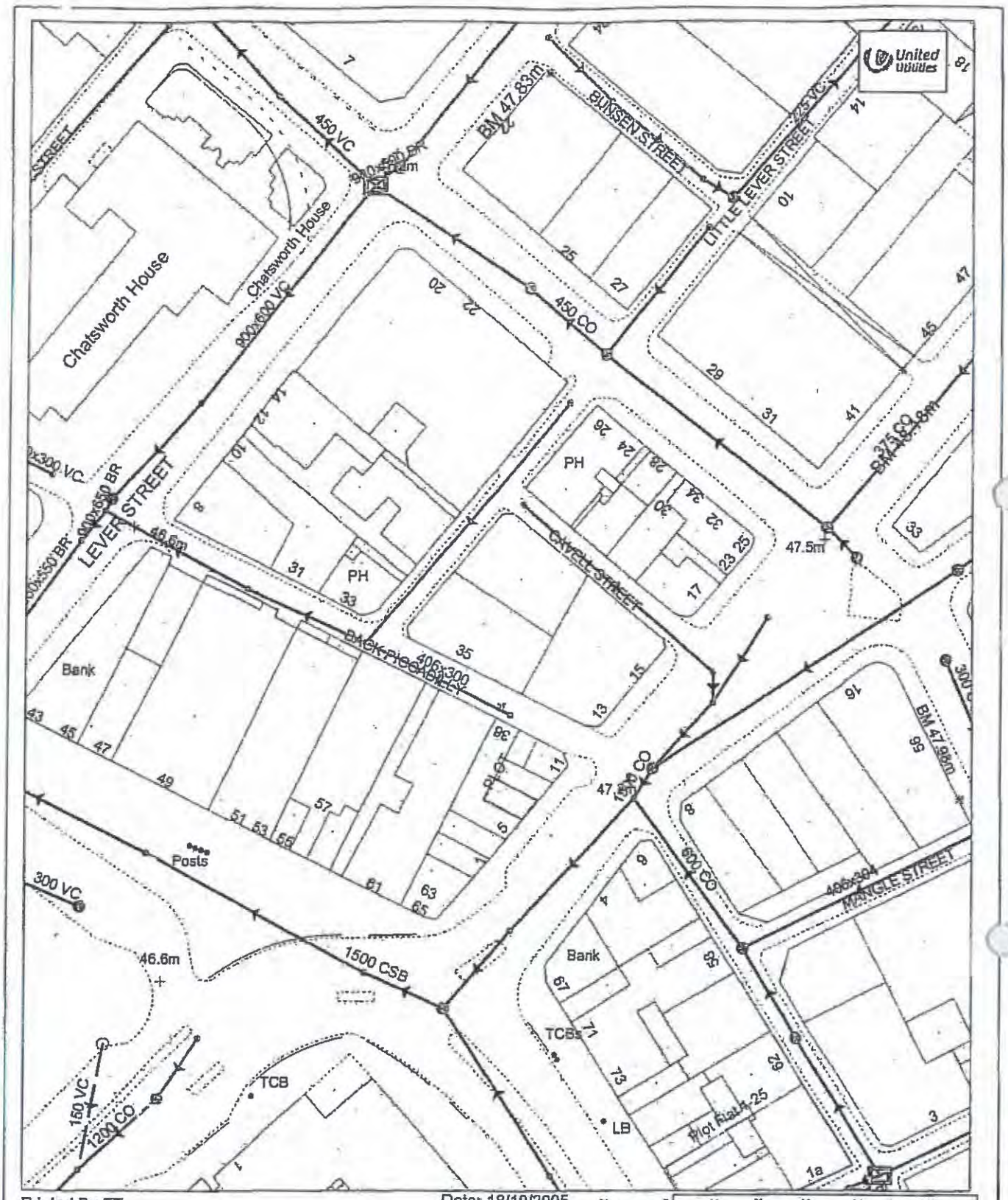
5 **Public Sewers within the site that are still live outside the area** will be subject to a "Restricted Building zone". This would normally be a surface area equivalent to the depth of the sewer measured from the centre line of the sewer on either side. No construction will be permitted within that zone. The Developer should also note that deep and wide rooted trees must not be planted in close proximity to live sewers. Access to public sewers must be maintained at all times and no interference to manholes will be permitted during construction work.

6 **Where there is a public sewer along the line of a proposed development/building,** arrangements shall be made by the developer at his cost to divert the sewer around the development. Where this is not possible and as a last resort, a "Building Over Agreement" will need to be completed under section 18 of the Building Act 1984. The Developer shall design building foundations to ensure that no additional loading is transferred to the sewer and submit such details both to the Local Authority's Building Control Officer and to United Utilities or its Wastewater Network Operator for approval/acceptance. United Utilities or its Wastewater Network Operator on a rechargeable basis would normally undertake all aspects of design work associated with the diversion of any part of the operational wastewater network.

7 **Where there is a Non-Main River Watercourse/Culvert passing through the site,** the landowner has the responsibility of a riparian owner for the watercourse/culvert and is responsible for the maintenance of the fabric of the culvert and for all works involved in maintaining the unrestricted flow through it. Building over the watercourse/culvert is not recommended. The developer must contact the local authority before any works are carried out on the watercourse/culvert. Where it is necessary to discharge surface water from the site into the watercourse/culvert the developer shall make an assessment of the available capacity of the watercourse/culvert (based on a 1 in 50 year event) and ensure that the additional flow to be discharged into the watercourse/culvert will not cause any flooding. In appropriate cases, flooding may be prevented by on-site storage. The developer shall submit the relevant details required to substantiate his development proposals. Details of any outfall proposed shall also be submitted to the Environment Agency at Richard Fairclough House, Knutsford Road, Warrington, Cheshire, for their approval.

8 **Where there is a Main River Watercourse/Culvert passing through the site,** the Developer shall submit all proposals affecting the river to the Environment Agency at the address stated in paragraph 7 for approval/acceptance.

Cont'd



Printed By FT Date: 18/10/2005

Extract From Map of Public Sewers

35 Back Piccadilly Manchester

Red or Brown - Foul Sewers Blue - Surface Water Sewers

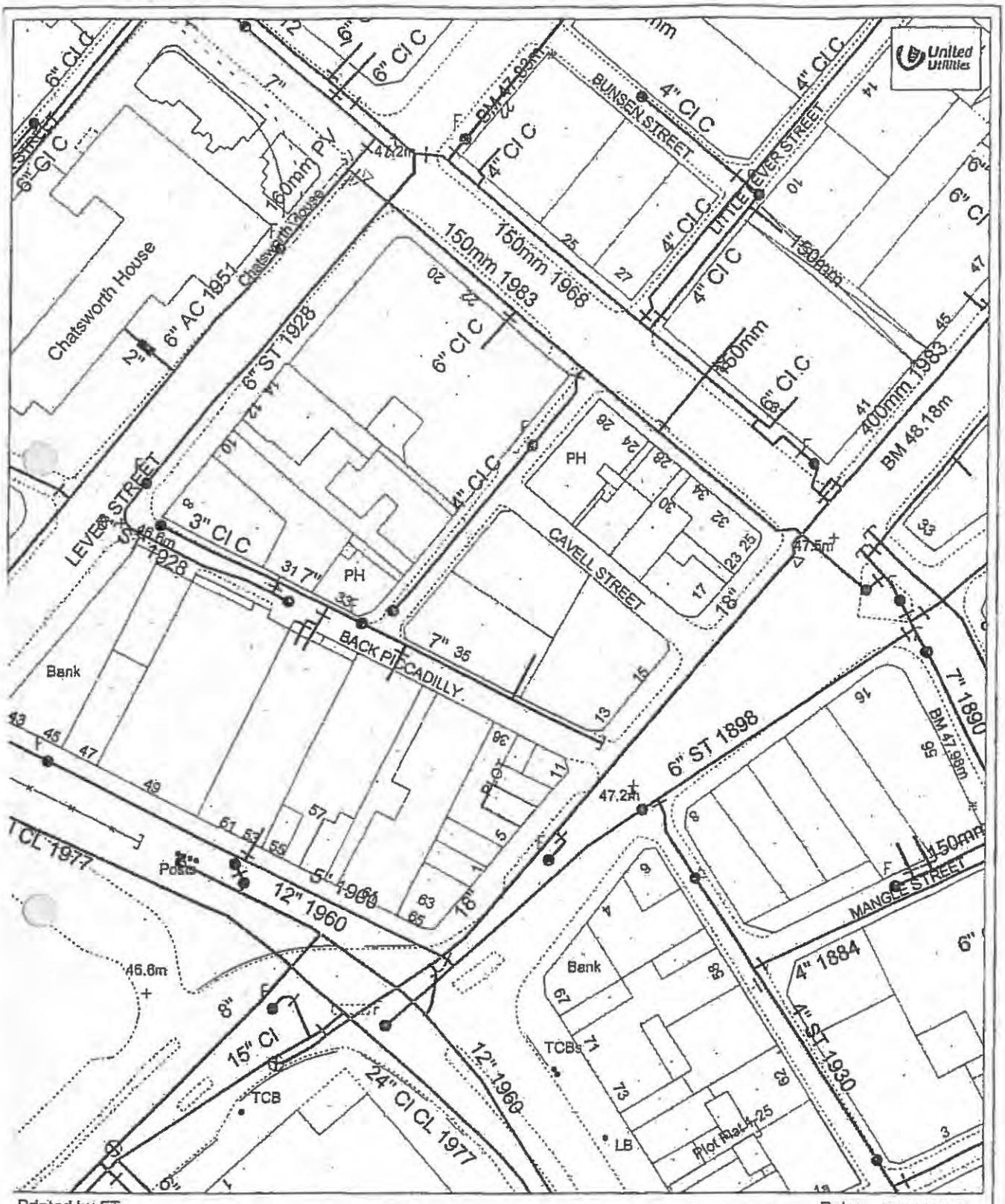
Legend

- Abandoned Sewer
- Public Sewer
- Highway Drain
- Private Sewer
- Pumping Main
- Section 104 Sewer

Refer to colour guide for content of pipe

The position of underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. The actual positions may be different from those shown on the plan and private pipes sewers or drains may not be recorded. United Utilities will not accept any liability for any damage caused by the actual positions being different from those shown.

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Printed by FT

Date: 18/10/2005

Extract From Map of Water Mains

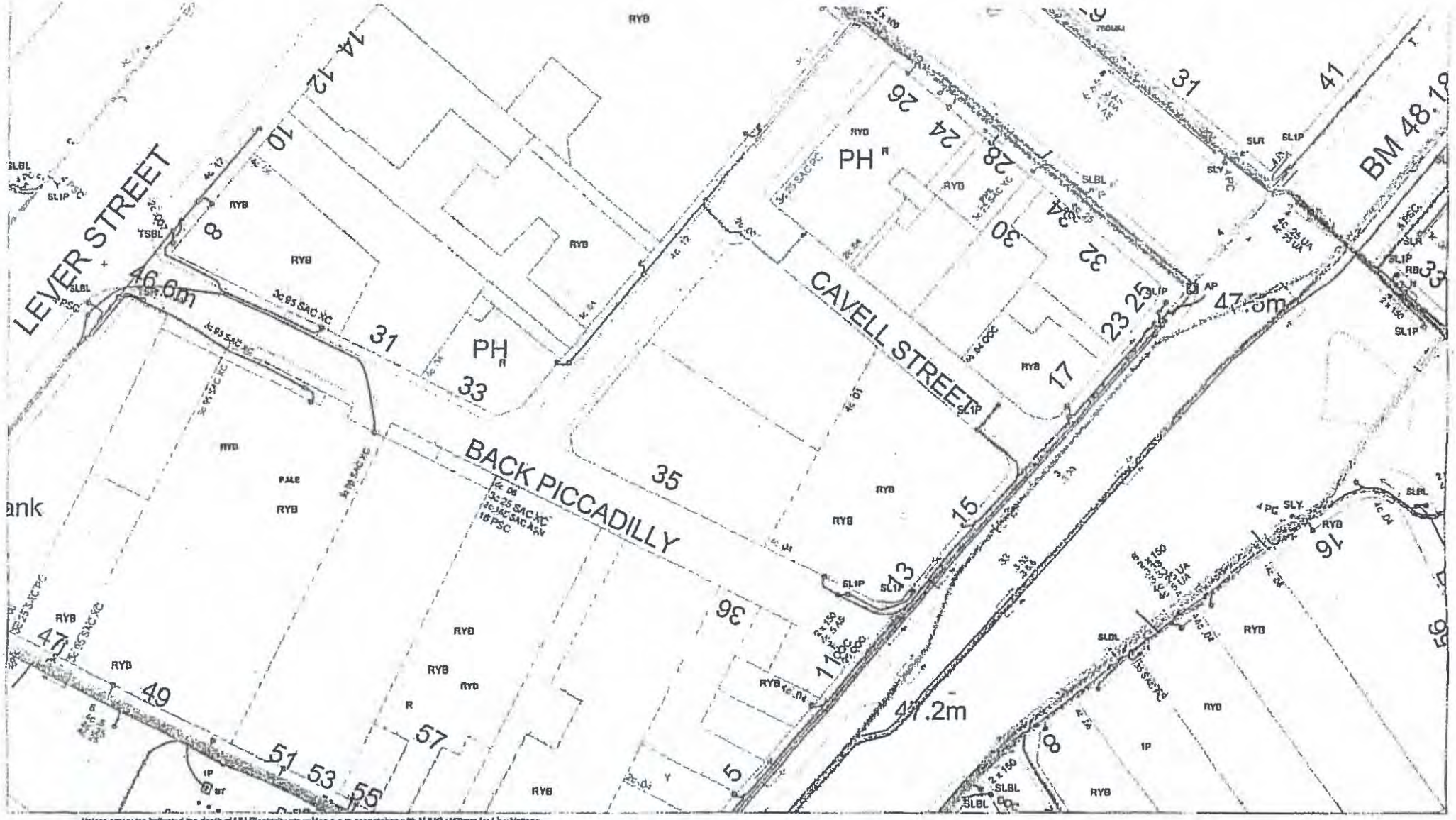
35 Back Piccadilly, Manchester

Blue - Distribution Mains Red or Mauve - Trunk Mains Dark Green - Non Potable Mains Light Green - Proposed Mains

----x----x----x----x----Disused Mains (These may still be live)

The position of underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. The actual positions may be different from those shown on the plan and private service pipes may be shown by a blue broken line. United Utilities will not accept any liability for any damage caused by the actual positions being different from those shown

United Utilities 2001. The plan is based upon the Ordnance Survey Map with the sanction of the Controller of H.M. Stationery Office. Crown and ited Utilities Water copyrights are reserved. Unauthorised reproduction will infringe these copyrigh



Unless otherwise indicated the depth of UU Electricity plc cables are in accordance with HJUG (450mm for Low Voltage & 600mm for 11kV cables) 33kV and 132kV cables are laid at depths as marked. The depth and positions of UU Electricity plc equipment was accurate as shown when the equipment was installed. However third parties may have altered the level & other reference data. Therefore UU Electricity plc accept no responsibility for the position of UU Electricity plc equipment being different from shown. No person, body or company, shall be relieved from liability for damage caused to UU Electricity plc equipment by reason of being located differently to the indications on this drawing.
Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs.
There may be other UU Electricity plc apparatus in the vicinity which is not indicated on the cable records. Other apparatus may also be present which is owned by a third party other than UU Electricity plc.
CAUTION Your Communications Fibre Optic cables may not be shown on this plan. Please contact Your Communications for further information.
Reproduced from or based upon Ordnance Survey's map with the permission of Her Majesty's Stationery Office. Crown Copyright Reserved. LICENCE No. HA273147. Unauthorised reproduction may lead to Prosecution or Civil Proceedings. Reference should be made to HSE Guidance, HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines".
UU Registered Office: Dawson House, Great Sankey, Warrington, WA5 3LW Registered Number 2366849

N
W
E
S

Legend

Operating Voltage	Colour Code	Line Colour
132kV	Black	
33kV	Green	
22kV-25kV	Yellow	
11kV	Red	
6kV-6.6kV	Blue	
1kV-6kV	Violet	
LV	Orange	
Unknown Voltage	Brown	

United Utilities

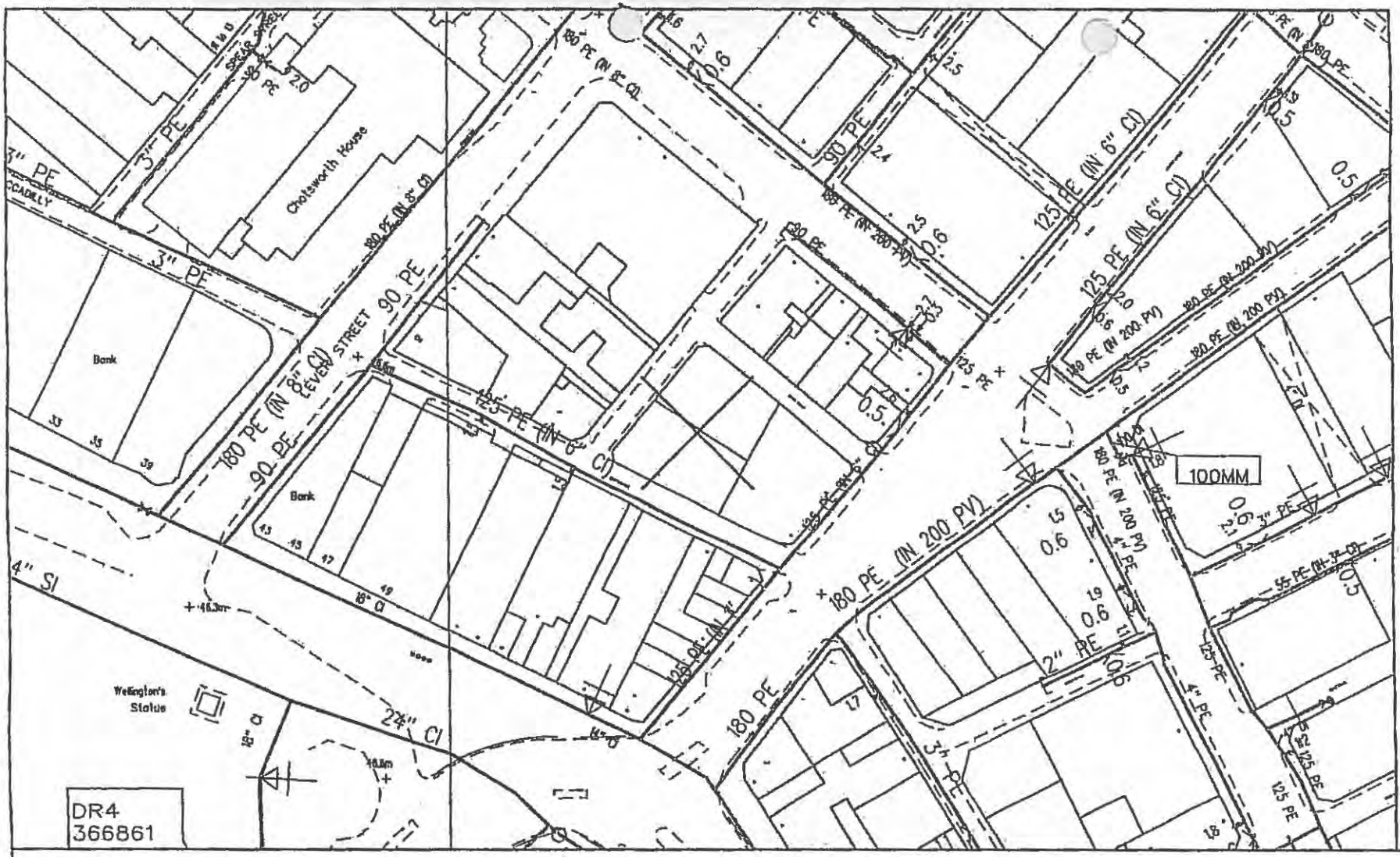
35 Back Piccadilly Manchester

Printed by: FT

Date: 17/10/2005

Electricity Records

Scale 1:500



SCALE: Not to scale	LP MAINS
USER ID: BrianT	MP MAINS
DATE: 13/10/2005	IP MAINS
EXTRACT DATE: 08/09/2005	LHP MAINS
MAP REF: SJ8498	MHP MAINS
CENTRE: 384545, 398316	

Some examples of Plant Items: Valve, Depth of Cover, Syphon, Diameter Change, Material Change

This plan shows those pipes owned by Transco plc or the relevant Gas Distribution Network in their roles as Licensed Gas Transporters (GT). Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections, etc. are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Transco plc, the relevant Gas Distribution Network, or their agents, servants or contractors for any error or omission. Safe digging practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

MAPS Viewer Version 5.0.6.0

Local Machine

This plan is reproduced from or based on the OS map by Transco plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved.

APPENDIX I

Copy of correspondence received from the Coal Authority

The Coal Authority,
Mining Reports Office,
200 LICHFIELD LANE,
BERRY HILL,
MANSFIELD,
NOTTINGHAMSHIRE,
NG18 4RG
Telephone: 0845 762 6848
DX 716176 MANSFIELD 5
On-Line Service: www.coalminingreports.co.uk

The COAL AUTHORITY

The Coal Authority	
Cost:	£42.56
Plus V.A.T.	£7.44
Total Received:	£50.00
V.A.T. Reg Number	598 5850 68

SOILTECHNICS LTD,
CEDAR BARN WHITE LODGE,
WALGRAVE,
NORTHAMPTON,
NORTHAMPTONSHIRE,
NN6 9PY

This matter is being dealt with by Ken Rowe

Our Ref: 10394087-05
Your Ref: STB0620 D 5335
Electronic Ref:
RRUID: 007.00008839070001
Date: 19 October 2005

Dear Sir,

Coal Mining Report
35 BACK PICCADILY , MANCHESTER, LANCASHIRE

I refer to the enquiry dated 14th October 2005, received 17th October 2005, in connection with the above.

This report is based on and limited to the records in the possession of The Coal Authority at the time the search is answered.

Past Underground Mining

According to the records in our possession, the property is not within the zone of likely physical influence on the surface from past underground coal workings.

Present Underground Mining

The property is not within the zone of likely physical influence on the surface from any present underground coal workings.

Future Underground Mining

The property is not within a geographical area for which a licence to extract coal by underground methods is awaiting determination by the Coal Authority.

The property is not within a geographical area for which a licence to extract coal by underground methods has been granted.

The property is not within the zone of likely physical influence at the surface from plans of future workings in our possession.

However reserves of coal exist in the locality which could be worked at some time in the future subject to feasibility, licences, and planning consents.

We have no record of any notice of the risk of the land being affected by subsidence being given under S.46 of the Coal Mining Subsidence Act 1991.

Shafts and Adits

We have no knowledge of any mine entries within, or within 20 metres of, the boundary of the property.

Surface Geology

Records in our possession do not disclose any fault or other line of weakness at the surface as having affected the stability of the property.

Past Opencast Mining

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

Present Opencast Mining

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

Future Opencast Mining

The property is not within 800 metres of the geographical boundary of an opencast site for which a licence to extract coal by opencast methods is awaiting determination.

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

Subsidence

The records in our possession do not disclose any damage notice or claim having been given, made or pursued in respect of the property since 1 January 1984.

The records in our possession do not disclose any current "Stop Notice" affecting the property.

The records in our possession do not show any request having been made to execute preventative works under S.33 of the Coal Mining Subsidence Act 1991.

Withdrawal of Support

The property does not lie within a geographical area in respect of which a notice of entitlement to withdraw support has been publised.

The property does not lie within a geographical area in respect of which a notice has been given under S.41 of the Coal Industry Act 1994, revoking the entitlement to withdraw support.

Working Facilities Orders

The property is not within a geographical area that is the subject of an Order made under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

Payments to Owners of Former Copyhold Land

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

Additional Remarks

These replies are prepared in accordance with the 2003 editions of the Coal Authority's Terms and Conditions, User Guide and the Law Society's Guidance Notes.

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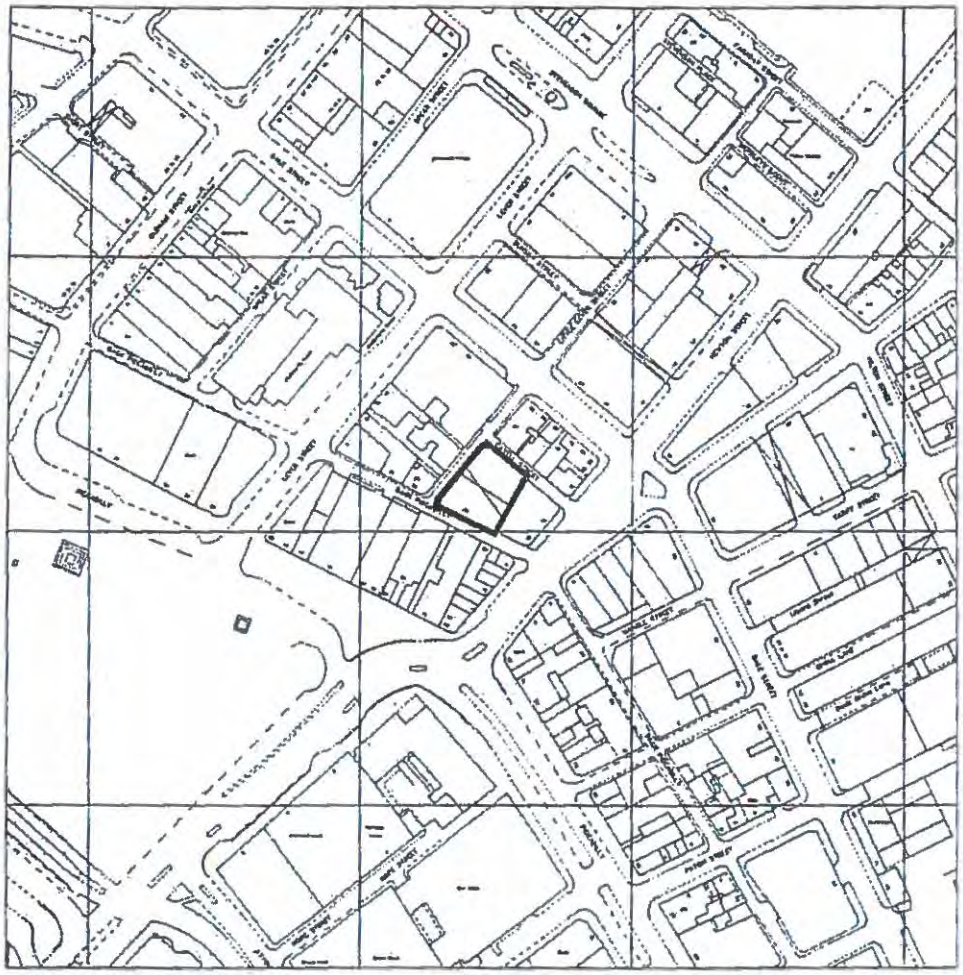
We acknowledge the receipt of your remittance in payment of our fee.

Yours faithfully



Stephen Pennell

Director of Mining Information and Services



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This is a plan of the boundaries of the property in respect of which this report has been prepared. It is the responsibility of the user to ensure that the boundaries shown correspond with those of the property.

APPROXIMATE POSITION OF ENQUIRY BOUNDARY SHOWN

Envirocheck®
A Landmark product

Envirocheck® Report

Datasheet

Report on:
35 Back Piccadily
Manchester
M1 1HE

National Grid Reference :
384540, 398320

Prepared For :
Soiltechnics
Cedar Barn
White Lodge
Northampton
NN6 9PY

Your Reference:
Mr B Thomson,STB0620D

APPENDIX J

Copy of desk study information produced y Envirocheck

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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity Datasheet places great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from English Nature (and the Scottish and Welsh equivalents), the Environment Agency (and the Scottish equivalent) 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 legend database to 1km from a single point or a site boundary provided by the client

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

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Data Type	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological				
Local Authority Pollution Prevention and Controls			1	6
Local Authority Pollution Prevention and Control Enforcements			1	1
Contaminated Land Register Entries and Notices				
Discharge Consents			7	42
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control				
Nearest Surface Water Feature		Yes		
Pollution Incidents to Controlled Waters			5	26
Substantiated Pollution Incident Register				
Prosecutions Relating to Authorised Processes				
Prosecutions Relating to Controlled Waters				
Water Industry Act Referrals				
Registered Radioactive Substances				14
River Quality			4	3
River Quality Biology Sampling Points			2	
River Quality Chemistry Sampling Points				3
Water Abstractions				4 (*30)
Groundwater Vulnerability	Yes			
Source Protection Zones	2			1
Extreme Flooding from Rivers or Sea without Defences				
Flooding from Rivers or Sea without Defences				
Areas Benefiting from Flood Defences				
Flood Water Storage Areas				
Flood Defences				
River Flood Data (Scotland)				

Data Type	On Site	0 to 250m	251 to 500m	501 to 1000m (up to 2000m)
Waste				
BGS Recorded Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				3
Local Authority Recorded Landfill Sites				
Registered Landfill Sites				1
Registered Waste Transfer Sites				1
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				
Geological				
BGS Boreholes		27	122	447
BGS Recorded Mineral Sites				
BGS 1:625,000 Solid Geology	Yes			
Brine Compensation Areas				
Coal Mining Affected Areas	Yes			
Shallow Mining Hazards				
Potential for Collapsible Ground Stability Hazards				
Potential for Compressible Ground Stability Hazards	Yes			
Potential for Ground Dissolution Stability Hazards				
Potential for Landslide Ground Stability Hazards	Yes			
Potential for Running Sand Ground Stability Hazards	Yes			
Potential for Shrinking or Swelling Clay Ground Stability Hazards	Yes			
Mining Instability	Yes			
Natural and Mining Cavities				
Radon Affected Areas	Yes			
Radon Protection Measures	Yes			
Industrial Land Use				
Contemporary Trade Directory Entries		44	77	247
Fuel Station Entries			1	2

Data Type	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Uses				
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				
National Scenic Areas				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones				
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Local Authority Pollution Prevention and Controls					
1	Name:	Express Printers	NE	434	1	384730
	Location:	Henry Street,Ancoats,MANCHESTER,Lancashire,M60 4HB				398720
	Authority:	Manchester City Council, Environmental Health Department				
	Permit Reference:	Not Given				
	Dated:	1st March 1995				
	Process Type:	Local Authority Air Pollution Control				
	Description:	PG6/16 Printworks				
	Status:	Authorisation revoked				
	Positional Accuracy:	Unknown				
	Local Authority Pollution Prevention and Controls					
2	Name:	Central Taxi Spares Ltd	SE	543	1	384990
	Location:	31-35 Chapeltown Street,Ancoats,MANCHESTER,M1 2NN				397980
	Authority:	Manchester City Council, Environmental Health Department				
	Permit Reference:	02/91				
	Dated:	9th August 1991				
	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:	Manually positioned to the address or location				
	Local Authority Pollution Prevention and Controls					
3	Name:	Presbar Diecastings Ltd	E	554	1	385100
	Location:	Store Street,MANCHESTER,Lancashire,M1 2WD				398200
	Authority:	Manchester City Council, Environmental Health Department				
	Permit Reference:	34/92				
	Dated:	13th January 1993				
	Process Type:	Local Authority Air Pollution Control				
	Description:	PG2/6 Aluminium and aluminium alloy processes				
	Status:	Authorisation either revoked or cancelled				
	Positional Accuracy:	Unknown				
	Local Authority Pollution Prevention and Controls					
3	Name:	Presbar Diecastings Ltd	E	555	1	385100
	Location:	Store Street,MANCHESTER,Lancashire,M1 2WD				398200
	Authority:	Manchester City Council, Environmental Health Department				
	Permit Reference:	34/92				
	Dated:	13th January 1993				
	Process Type:	Local Authority Air Pollution Control				
	Description:	PG2/4 Iron, steel and non-ferrous metal foundry processes				
	Status:	Authorisation superseded by a substantial or non substantial variation				
	Positional Accuracy:	Located by supplier to within 10m				
	Local Authority Pollution Prevention and Controls					
4	Name:	Presbar Diecastings Ltd	NE	738	1	385190
	Location:	Rear 62-64 Jersey Street,Sharston Industrial Area,MANCHESTER,Lancashire,M22 4TE				398710
	Authority:	Manchester City Council, Environmental Health Department				
	Permit Reference:	29/92				
	Dated:	14th October 1992				
	Process Type:	Local Authority Air Pollution Control				
	Description:	PG2/1Furnaces for the extraction of non-ferrous metal from scrap				
	Status:	Authorisation either revoked or cancelled				
	Positional Accuracy:	Unknown				
	Local Authority Pollution Prevention and Controls					
5	Name:	Bill Howarth Metals	NE	773	1	385190
	Location:	109 Jersey Street,MANCHESTER,Lancashire,M4 6JG				398760
	Authority:	Manchester City Council, Environmental Health Department				
	Permit Reference:	22/92				
	Dated:	20th July 1992				
	Process Type:	Local Authority Air Pollution Control				
	Description:	PG2/1Furnaces for the extraction of non-ferrous metal from scrap				
	Status:	Authorisation superseded by a non-substantial variation				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Local Authority Pollution Prevention and Controls					
6	Name:	Manchester Tabacco	N	822	1	384580
	Location:	Ludgate Hill,MANCHESTER,Lancashire,M4 4DA				399150
	Authority:	Manchester City Council, Environmental Health Department				
	Permit Reference:	Not Given				
	Dated:	18th April 1996				
	Process Type:	Local Authority Air Pollution Control				
	Description:	PG6/36 Tobacco processing				
	Status:	Authorisation revoked				
	Positional Accuracy:	Unknown				
	Local Authority Pollution Prevention and Control Enforcements					
7	Location:	Store Street,MANCHESTER,Lancashire,M1 2WD	SE	359	1	384810
	Type:	Air Pollution Control Enforcement Notice				398050
	Reference:	34/92				
	Date Issued:	19th November 1998				
	Enforcement Date:	Not Supplied				
	Details:	Failure To Update Furnace Emission Records				
	Positional Accuracy:	Automatically positioned to the address				
	Local Authority Pollution Prevention and Control Enforcements					
8	Location:	109 Jersey Street,MANCHESTER,Lancashire,M4 6JG	NE	773	1	385190
	Type:	Air Pollution Control Enforcement Notice				398760
	Reference:	22/92				
	Date Issued:	25th July 1998				
	Enforcement Date:	Not Supplied				
	Details:	Failure To Minimise Furnace Emissions And Continuously Motor Particulates				
	Positional Accuracy:	Automatically positioned to the address				
	Discharge Consents					
9	Operator:	United Utilities Water Plc	S	303	2	384580
	Property Type:	Sewage Disposal Works - Water Company				398000
	Location:	Aytoun St/Auburn St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0370				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Unknown				
	Receiving Water:	Not Supplied				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
10	Operator:	United Utilities Water Plc	S	422	2	384580
	Property Type:	Sewage Disposal Works - Water Company				397880
	Location:	Aytoun St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0318				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	Shooters Brook				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
10	Operator:	United Utilities Water Plc	S	427	2	384580 397880
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Aytoun St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016982630				
	Permit Version:	1				
	Effective Date:	30th September 1994				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	Shooters Brook				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
10	Operator:	United Utilities Water Plc	S	432	2	384580 397870
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Minshull St/Whitworth St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0355				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Unknown				
	Receiving Water:	Not Supplied				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
11	Operator:	United Utilities Water Plc	SE	428	2	384660 398010
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Store Street,Ancoats,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0371				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Unknown				
	Receiving Water:	Not Supplied				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
12	Operator:	United Utilities Water Plc	S	483	2	384510 397820
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Chorlton Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0162				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Into And/Or Watercourse				
	Receiving Water:	Dukes Tunnel				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
13	Operator:	United Utilities Water Plc	SE	484	2	384090
	Property Type:	Sewage Disposal Works - Water Company				398100
	Location:	Store Street,Ancoats,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016982994				
	Permit Version:	1				
	Effective Date:	23rd June 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 10m				
	Discharge Consents					
14	Operator:	United Utilities Water Plc	E	621	2	385180
	Property Type:	Sewerage Network - Pumping Station - Water Company				398310
	Location:	Great Ancoats Street, Sso,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01man0024				
	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 Environment:	Freshwater Stream/River				
	Receiving Water:	Shooters Brook				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
15	Operator:	United Utilities Water Plc	E	623	2	385170
	Property Type:	Sewerage Network - Pumping Station - Water Company				398200
	Location:	Great Ancoats Street, Sso,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01man0023				
	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 Environment:	Freshwater Stream/River				
	Receiving Water:	Shooters Brook				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
16	Operator:	United Utilities Water Plc	NW	798	2	384000
	Property Type:	Sewage Disposal Works - Water Company				398910
	Location:	Long Millgate -Todd St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0160				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Irk				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
17	Operator:	United Utilities Water Plc	NW	804	2	383850 398740
	Property Type:	Sewerage Network - Pumping Station - Water Company				
	Location:	Subway - Victoria Avenue,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01man0175				
	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 Environment:	Freshwater Stream/River				
	Receiving Water:	River Irk				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
17	Operator:	United Utilities Water Plc	NW	834	2	383820 398750
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Victoria Arches,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0357				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Unknown				
	Receiving Water:	Not Supplied				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
18	Operator:	United Utilities Water Plc	NW	809	2	384050 398970
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Hanover Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0158				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Irk				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
19	Operator:	United Utilities Water Plc	S	811	2	384330 397520
	Property Type:	Sewerage Network - Sewers - Water Company				
	Location:	Princess St/Granby Row Cs,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Upper Mersey				
	Reference:	016982956				
	Permit Version:	1				
	Effective Date:	23rd June 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	31st March 1998				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6)				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
19	Operator:	United Utilities Water Plc	S	811	2	384330 397520
	Property Type:	Sewerage Network - Sewers - Water Company				
	Location:	Princess St/Whitworth St Cso,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016982950				
	Permit Version:	1				
	Effective Date:	23rd June 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 10m				
	Discharge Consents					
19	Operator:	United Utilities Water Plc	S	821	2	384330 397510
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Charles St/Princess St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0165				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
19	Operator:	United Utilities Water Plc	S	821	2	384330 397510
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Whitworth St/Sackville St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0253				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 10m				
	Discharge Consents					
19	Operator:	United Utilities Water Plc	S	833	2	384320 397500
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Charles Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0183				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
19	Operator:	Factory Communications Ltd	S	839	2	384300 397500
	Property Type:	Undefined Or Other				
	Location:	112-116 Princess Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016991403				
	Permit Version:	1				
	Effective Date:	24th April 1989				
	Issued Date:	Not Supplied				
	Revocation Date:	31st March 1992				
	Discharge Type:	Discharge Of Other Matter-Surface Water				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
19	Operator:	Factory Communications Ltd	S	839	2	384300 397500
	Property Type:	Undefined Or Other				
	Location:	112-116 Princess Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016991403				
	Permit Version:	2				
	Effective Date:	1st April 1992				
	Issued Date:	Not Supplied				
	Revocation Date:	10th February 1993				
	Discharge Type:	Discharge Of Other Matter-Surface Water				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
19	Operator:	Factory Communications Ltd	S	839	2	384300 397500
	Property Type:	Undefined Or Other				
	Location:	112-116 Princess Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Supplied				
	Reference:	016991403				
	Permit Version:	3				
	Effective Date:	11th February 1993				
	Issued Date:	Not Supplied				
	Revocation Date:	1st November 1994				
	Discharge Type:	Discharge Of Other Matter-Surface Water				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
20	Operator:	Factory Communications Ltd	S	815	2	384400 397500
	Property Type:	Undefined Or Other				
	Location:	112-116 Princess Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Supplied				
	Reference:	016991403				
	Permit Version:	1				
	Effective Date:	24th April 1989				
	Issued Date:	Not Supplied				
	Revocation Date:	31st March 1992				
	Discharge Type:	Discharge Of Other Matter-Surface Water				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
20	Operator:	Factory Communications Ltd	S	815	2	384400
	Property Type:	Undefined Or Other				397500
	Location:	112-116 Princess Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Supplied				
	Reference:	016991403				
	Permit Version:	2				
	Effective Date:	1st April 1992				
	Issued Date:	Not Supplied				
	Revocation Date:	10th February 1993				
	Discharge Type:	Discharge Of Other Matter-Surface Water				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
21	Operator:	United Utilities Water Plc	NW	819	2	384120
	Property Type:	Sewage Disposal Works - Water Company				399030
	Location:	Corporation Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0159				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Irk				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
21	Operator:	United Utilities Water Plc	NW	835	2	384140
	Property Type:	Sewage Disposal Works - Water Company				399060
	Location:	Miller/Corporation St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0161				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Irk				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
22	Operator:	Edwin Butterworth & Co	E	841	2	385400
	Property Type:	Undefined Or Other				399300
	Location:	Soho Works Site Swo,Pollard Street,Ancoats,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016991041				
	Permit Version:	1				
	Effective Date:	30th September 1985				
	Issued Date:	Not Supplied				
	Revocation Date:	1st July 1991				
	Discharge Type:	Discharge Of Other Matter-Surface Water				
	Discharge Environment:	Canal				
	Receiving Water:	Manchester & Ashton Canal				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
23	Operator:	United Utilities Water Plc	SE	842	2	384930 397550
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Baring St(Late Stove St) Tipping Street,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0308				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	1st December 1994				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
23	Operator:	United Utilities Water Plc	SE	842	2	384930 397550
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Baring St(Late Stove St),Tipping Street,Greater M				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Supplied				
	Reference:	016982729				
	Permit Version:	1				
	Effective Date:	28th November 1994				
	Issued Date:	Not Supplied				
	Revocation Date:	28th November 1999				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)				
	Positional Accuracy:	Manually corrected supplier location				
	Discharge Consents					
23	Operator:	United Utilities Water Plc	SE	882	2	384940 397510
	Property Type:	Sewerage Network - Sewers - Water Company				
	Location:	Mancunian Way Sliproad Cso,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016982729				
	Permit Version:	2				
	Effective Date:	30th November 1999				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
24	Operator:	United Utilities Water Plc	NW	849	2	383770
	Property Type:	Sewage Disposal Works - Water Company				398690
	Location:	Victoria Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0155				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Irwell				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
25	Operator:	United Utilities Water Plc	S	862	2	384580
	Property Type:	Sewage Disposal Works - Water Company				397440
	Location:	Mount St/Rutland St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0287				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
26	Operator:	United Utilities Water Plc	S	877	2	384450
	Property Type:	Sewage Disposal Works - Water Company				397430
	Location:	Brook St/Mount St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016982723				
	Permit Version:	1				
	Effective Date:	28th November 1994				
	Issued Date:	Not Supplied				
	Revocation Date:	14th July 2000				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)				
	Positional Accuracy:	Manually corrected supplier location				
	Discharge Consents					
26	Operator:	United Utilities Water Plc	S	882	2	384460
	Property Type:	Sewage Disposal Works - Water Company				397430
	Location:	Oxford Rd/Grosvenor St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0189				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
27	Operator:	United Utilities Water Plc	SW	882	2	384180
	Property Type:	Sewage Disposal Works - Water Company				397500
	Location:	York St/Charles St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0281				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
27	Operator:	United Utilities Water Plc	SW	886	2	384170
	Property Type:	Sewage Disposal Works - Water Company				397500
	Location:	Mallard St Off Charles St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016982736				
	Permit Version:	1				
	Effective Date:	30th September 1994				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 10m				
	Discharge Consents					
27	Operator:	United Utilities Water Plc	SW	886	2	384170
	Property Type:	Sewage Disposal Works - Water Company				397500
	Location:	Medlock St(Off Charles St),Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0343				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Unknown				
	Receiving Water	Not Supplied				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
27	Operator:	United Utilities Water Plc	SW	931	2	384150
	Property Type:	Sewage Disposal Works - Water Company				397460
	Location:	Oxford/New Wakefld St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01man0165				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	31st March 1998				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 10m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
28	Operator:	United Utilities Water Plc	W	894	2	383680
	Property Type:	Sewage Disposal Works - Water Company				398590
	Location:	Blackfriars Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0156				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Irwell				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
29	Operator:	United Utilities Water Plc	S	911	2	384530
	Property Type:	Sewage Disposal Works - Water Company				397390
	Location:	Mount St/Greek St,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0187				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
30	Operator:	British Broadcasting Corporation	S	913	2	384400
	Property Type:	Undefined Or Other				397400
	Location:	Bbc Vehicle Maintenance Base Swo,Pritchard Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016991346				
	Permit Version:	1				
	Effective Date:	22nd September 1994				
	Issued Date:	Not Supplied				
	Revocation Date:	22nd September 1994				
	Discharge Type:	Discharge Of Other Matter-Surface Water				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Authorisation revoked				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
31	Operator:	United Utilities Water Plc	NW	937	2	384120
	Property Type:	Sewage Disposal Works - Water Company				399170
	Location:	Verdon St,Near Scotland Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016982715				
	Permit Version:	1				
	Effective Date:	30th September 1994				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Irk				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents					
31	Operator:	United Utilities Water Plc	NW	941	2	384120 399170
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Verdon St,Near Scotland Street,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0265				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Irk				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
32	Operator:	United Utilities Water Plc	SW	949	2	384150 397440
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Oxford Rd,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0342				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	19th December 1999				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Unknown				
	Receiving Water:	Not Supplied				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				
	Discharge Consents					
32	Operator:	United Utilities Water Plc	SW	949	2	384150 397440
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Oxford Rd,Manchester,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	016982631				
	Permit Version:	1				
	Effective Date:	30th September 1994				
	Issued Date:	Not Supplied				
	Revocation Date:	19th December 1999				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Medlock				
	Status:	Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)				
	Positional Accuracy:	Manually corrected supplier location				
	Discharge Consents					
33	Operator:	United Utilities Water Plc	N	951	2	384210 399220
	Property Type:	Sewage Disposal Works - Water Company				
	Location:	Aspin Lane,Ancoats,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Catchment Area:	Not Given				
	Reference:	01MAN0031				
	Permit Version:	1				
	Effective Date:	1st January 1995				
	Issued Date:	Not Supplied				
	Revocation Date:	Not Supplied				
	Discharge Type:	Public Sewage: Storm Sewage Overflow				
	Discharge Environment:	Freshwater Stream/River				
	Receiving Water:	River Irk				
	Status:	Post National Rivers Authority Legislation where issue date > 31/08/1989				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Discharge Consents				
34	Operator: United Utilities Water Plc Property Type: Sewerage Network - Sewers - Water Company Location: Booth Street Cso,Salford,Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982902 Permit Version: 3 Effective Date: 14th November 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	W	958	2	383610 398580
	Discharge Consents				
34	Operator: United Utilities Water Plc Property Type: Sewerage Network - Sewers - Water Company Location: Booth Street Cso,Salford,Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982902 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 10th May 1995 Discharge Type: Public Sewage. Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	W	958	2	383610 398580
	Discharge Consents				
34	Operator: United Utilities Water Plc Property Type: Sewerage Network - Sewers - Water Company Location: Booth Street Cso,Salford,Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982902 Permit Version: 2 Effective Date: 11th May 1995 Issued Date: Not Supplied Revocation Date: 13th November 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	W	958	2	383610 398580
	Discharge Consents				
35	Operator: Mr P Lane Property Type: Undefined Or Other Location: Food & Wine Bar Swo Railway Arches,Chapel Street,Salford,Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991311 Permit Version: 1 Effective Date: 1st November 1994 Issued Date: Not Supplied Revocation Date: 1st November 1994 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	NW	983	2	383700 398800

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Pollution Incidents to Controlled Waters					
36	Property Type:	Pollution Found Source Not Determined	SE	269	2	384800 398200
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Chemicals - Paints / Dyes				
	Note:	Ashton Canal; Flouroscein				
	Incident Date:	31st October 1996				
	Incident Reference:	96532291				
	Catchment Area:	Ashton Canal				
	Receiving Water:	Not Given				
	Cause of Incident:	Not Given				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
	Property Type:	Not Given	S	305	2	384500 398000
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	Oil To Drains				
	Incident Date:	10th July 1996				
	Incident Reference:	96631536				
	Catchment Area:	Medlock				
	Receiving Water:	Not Given				
	Cause of Incident:	Not Given				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
38	Property Type:	Private Sewage (Non-PLC): Sewerage Systems	S	429	2	384700 397900
	Location:	Location Description Not Available				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown Sewage				
	Note:	Tributary River Mersey				
	Incident Date:	1st March 1991				
	Incident Reference:	91510290				
	Catchment Area:	Mersey - Non-Tidal				
	Receiving Water:	Not Given				
	Cause of Incident:	Unknown				
	Severity of Incident:	Category 1 - Major Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
	Property Type:	Not Given	E	475	2	385000 398500
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	None Affected				
	Incident Date:	16th December 1996				
	Incident Reference:	96632549				
	Catchment Area:	Rochdale Canal				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
39	Property Type:	Pollution Found Source Not Determined	E	477	2	385000 398500
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Miscellaneous - Foam				
	Note:	Ashton Canal; Foam				
	Incident Date:	9th April 1996				
	Incident Reference:	96630678				
	Catchment Area:	Ashton Canal				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Pollution Incidents to Controlled Waters					
40	Property Type:	Not Given	NE	523	2	385000 398600
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	None Affected; None Pollution Found				
	Incident Date:	16th December 1996				
	Incident Reference:	96612549				
	Catchment Area:	Rochdale Canal				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
41	Property Type:	Not Given	S	523	2	384400 397800
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	None Pollution Found				
	Incident Date:	8th November 1996				
	Incident Reference:	96632326				
	Catchment Area:	Rochdale Canal				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Unknown				
	Pollution Incidents to Controlled Waters					
42	Property Type:	Construction	NE	609	2	385100 398600
	Location:	Redhill Street,MANCHESTER,Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Contaminated Material : Soils & Sub-soils				
	Note:	Not Supplied				
	Incident Date:	13th January 1999				
	Incident Reference:	751				
	Catchment Area:	Rochdale Canal				
	Receiving Water:	Canal				
	Cause of Incident:	Not Given				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Pollution Incidents to Controlled Waters					
43	Property Type:	Not Given	S	703	2	384500 397600
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	None Affected				
	Incident Date:	8th November 1996				
	Incident Reference:	96632315				
	Catchment Area:	Medlock				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
44	Property Type:	Not Given	E	773	2	385300 398100
	Location:	Location Description Not Available				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Chemicals - Paints / Dyes				
	Note:	Ashton Canal; Tracing Dye				
	Incident Date:	29th September 1995				
	Incident Reference:	95632439				
	Catchment Area:	Ashton Canal				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Pollution Incidents to Controlled Waters					
45	Property Type:	Not Given	SE	784	2	384900 397600
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Oils - Other Oil				
	Note:	River Medlock; Diesel				
	Incident Date:	26th June 1996				
	Incident Reference:	96631409				
	Catchment Area:	Medlock				
	Receiving Water:	Not Given				
	Cause of Incident:	Miscellaneous/Other Pollution Type				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
1	Property Type:	Not Given	NW	797	2	383900 398800
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Not Given				
	Note:	Not Supplied				
	Incident Date:	16th March 1992				
	Incident Reference:	92610433				
	Catchment Area:	Irk				
	Receiving Water:	Not Given				
	Cause of Incident:	Not Given				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
47	Property Type:	Not Given	S	815	2	384400 397500
	Location:	Location Description Not Available				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Miscellaneous - Foam				
	Note:	River Medlock; Detergent				
	Incident Date:	30th March 1995				
	Incident Reference:	95630655				
	Catchment Area:	Medlock				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
1	Property Type:	Pollution Found Source Not Determined	S	839	2	384800 397500
	Location:	Location Description Not Available				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Miscellaneous - Colour				
	Note:	Not Supplied				
	Incident Date:	2nd February 1995				
	Incident Reference:	95630210				
	Catchment Area:	Medlock				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
49	Property Type:	Not Given	S	839	2	384300 397500
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	None Pollution Found				
	Incident Date:	11th January 1996				
	Incident Reference:	96630052				
	Catchment Area:	Medlock				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Pollution Incidents to Controlled Waters					
50	Property Type:	Not Given	E	841	2	385400 398300
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	None Pollution Found				
	Incident Date:	24th April 1995				
	Incident Reference:	96630895				
	Catchment Area:	Ashton Canal				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
51	Property Type:	Not Given	NW	864	2	384000 399000
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	None Pollution Found				
	Incident Date:	30th October 1995				
	Incident Reference:	95612666				
	Catchment Area:	Irwell				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
52	Property Type:	Not Given	SW	874	2	384200 397500
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	None Affected; Diesel Spill				
	Incident Date:	22nd August 1996				
	Incident Reference:	96631887				
	Catchment Area:	Irwell				
	Receiving Water:	Not Given				
	Cause of Incident:	Accidental Spillage/Leakage				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Unknown				
	Pollution Incidents to Controlled Waters					
52	Property Type:	Private Sewage (Non-PLC): Sewerage Systems	SW	878	2	384200 397500
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Crude Sewage				
	Note:	River Medlock; Crude Sewage				
	Incident Date:	25th March 1998				
	Incident Reference:	96630555				
	Catchment Area:	Medlock				
	Receiving Water:	Not Given				
	Cause of Incident:	Blocked Sewer				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
53	Property Type:	Not Given	SE	886	2	385200 397700
	Location:	Greater Manchester				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	Diesel Reported				
	Incident Date:	6th June 1996				
	Incident Reference:	96631224				
	Catchment Area:	Medlock				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Pollution Incidents to Controlled Waters				
54	Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Medlock; None Pollution Found Incident Date: 6th October 1995 Incident Reference: 95632478 Catchment Area: Medlock Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	S	902	2	384500 397400
	Pollution Incidents to Controlled Waters				
55	Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Medlock Incident Date: 2nd July 1995 Incident Reference: 95631978 Catchment Area: Medlock Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	SE	919	2	385000 397500
	Pollution Incidents to Controlled Waters				
56	Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Inert Suspended Solids Note: River Medlock; Silt Incident Date: 17th January 1996 Incident Reference: 96630110 Catchment Area: Medlock Receiving Water: Not Given Cause of Incident: In River Works Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	SE	923	2	385000 397500
	Pollution Incidents to Controlled Waters				
58	Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Not Supplied Incident Date: 12th May 1993 Incident Reference: 93630987 Catchment Area: Ashton Canal Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	E	944	2	385500 398400
	Pollution Incidents to Controlled Waters				
57	Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: River Irwell Incident Date: 26th May 1992 Incident Reference: 92610872 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Unknown Severity of Incident: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	W	949	2	383600 398500

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Pollution Incidents to Controlled Waters					
58	Property Type:	No Premises Identified	W	950	2	383630
	Location:	St Marys Parsonage,Off Blackfriars Street,Manchester City Centre,MANCHESTER,Greater Manchester				398610
	Authority:	Environment Agency, North West Region				
	Pollutant:	Contaminated Material : Fire Fighting Run Off				
	Note:	Not Supplied				
	Incident Date:	2nd May 1999				
	Incident Reference:	28749				
	Catchment Area:	Irwell				
	Receiving Water:	River Stretch (Freshwater)				
	Cause of Incident:	Fire				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Pollution Incidents to Controlled Waters					
59	Property Type:	Not Given	W	974	2	383600
	Location:	Location Description Not Available				398600
	Authority:	Environment Agency, North West Region				
	Pollutant:	Miscellaneous - Colour				
	Note:	Not Supplied				
	Incident Date:	12th May 1995				
	Incident Reference:	95611111				
	Catchment Area:	Irwell				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
59	Property Type:	Not Given	E	958	2	385500
	Location:	Greater Manchester				398500
	Authority:	Environment Agency, North West Region				
	Pollutant:	Unknown				
	Note:	None Affected; None From Fire				
	Incident Date:	20th September 1996				
	Incident Reference:	96632073				
	Catchment Area:	Medlock				
	Receiving Water:	Not Given				
	Cause of Incident:	Fire				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Pollution Incidents to Controlled Waters					
60	Property Type:	Not Given	NE	988	2	385400
	Location:	Ancoats,MANCHESTER				398800
	Authority:	Environment Agency, North West Region				
	Pollutant:	Oils - Petrol				
	Note:	Car On Fire At Mozart Close				
	Incident Date:	29th November 1998				
	Incident Reference:	SO982062				
	Catchment Area:	Rochdale Canal				
	Receiving Water:	Canal				
	Cause of Incident:	Fire				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Unknown				
	Pollution Incidents to Controlled Waters					
61	Property Type:	Transport, Storage, Communications. Road	SE	972	2	385100
	Location:	North Western Street,ARDWICK,Greater Manchester				397500
	Authority:	Environment Agency, North West Region				
	Pollutant:	General Biodegradable : Tree Cuttings				
	Note:	Not Supplied				
	Incident Date:	19th May 1999				
	Incident Reference:	29115				
	Catchment Area:	Irwell				
	Receiving Water:	River Stretch (Freshwater)				
	Cause of Incident:	Unauthorised Activity : Unauthorised Burning Of Waste				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 10m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Pollution Incidents to Controlled Waters					
62	Property Type:	Pollution Found Source Not Determined	N	980	2	384400 399300
	Location:	Location Description Not Available				
	Authority:	Environment Agency, North West Region				
	Pollutant:	Miscellaneous - Foam				
	Note:	Not Supplied				
	Incident Date:	28th October 1995				
	Incident Reference:	95612652				
	Catchment Area:	Irk				
	Receiving Water:	Not Given				
	Cause of Incident:	Other Incident/Unknown				
	Severity of Incident:	Category 3 - Minor Incident				
	Positional Accuracy:	Located by supplier to within 100m				
	Registered Radioactive Substances					
63	Name:	University Of Manchester	S	531	2	384400 397790
	Location:	North Campus,Sackville Street,Manchester,M60 1qd				
	Authority:	Environment Agency, North West Region				
	Permit Reference:	Bx8661				
	Dated:	1st October 2004				
	Process Type:	Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)				
	Description:	Registration under the Act of an open source which is also the subject of an authorisation				
	Status:	Application has been authorised and any conditions apply to the operator				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Registered Radioactive Substances					
64	Name:	Capcis Ltd	S	595	2	384730 397730
	Location:	Bainbridge House,Granby Row,MANCHESTER,Lancashire,M1 2PW				
	Authority:	Environment Agency, North West Region				
	Permit Reference:	AB0642				
	Dated:	19th November 1991				
	Process Type:	Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)				
	Description:	Registration under the Act of an open source which is also the subject of an authorisation				
	Status:	Authorisation either revoked or cancelled				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioactive Substances					
65	Name:	University Of Manchester	S	648	2	384480 397660
	Location:	North Campus,Sackville Street,Manchester,M60 1qd				
	Authority:	Environment Agency, North West Region				
	Permit Reference:	Bx8645				
	Dated:	2nd September 2004				
	Process Type:	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description:	Authorisation under RSA				
	Status:	Application has been authorised and any conditions apply to the operator				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Registered Radioactive Substances					
66	Name:	Brooks Edgley Specialist Technical Services Ltd	N	705	2	384460 399030
	Location:	Unit 4,Angel Industrial Estate,Angel Street,MANCHESTER,M4 4BQ				
	Authority:	Environment Agency, North West Region				
	Permit Reference:	BI9880				
	Dated:	7th August 2000				
	Process Type:	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description:	Authorisation under RSA in respect of a registration under S7 when Technetium 99M is used being =< 10 gigabecquerels				
	Status:	Authorisation either revoked or cancelled				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Registered Radioactive Substances				
67	Name: University Of Manchester Location: North Campus, Sackville Street,Manchester,M60 1QD Authority: Environment Agency, North West Region Permit Reference: Bx8853 Dated: 1st October 2004 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Registration under the Act of an open source which is also the subject of an authorisation Status: Application has been authorised and any conditions apply to the operator Positional Accuracy: Manually positioned to the road within the address or location	S	713	2	384510 397590
	Registered Radioactive Substances				
68	Name: Umist Location: Po Box 88,Sackville Street,Manchester,M60 1QD Authority: Environment Agency, North West Region Permit Reference: Bx1802 Dated: 23rd February 2004 Process Type: Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1) Description: Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation Status: Authorisation either revoked or cancelled Positional Accuracy: Manually positioned to the road within the address or location	S	790	2	384540 397510
	Registered Radioactive Substances				
69	Name: Umist Location: Po Box 88,Sackville Street,MANCHESTER,M60 1QD Authority: Environment Agency, North West Region Permit Reference: AP0143 Dated: 16th January 1995 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	S	792	2	384480 397510
	Registered Radioactive Substances				
69	Name: Umist Location: Po Box 88,Sackville Street,MANCHESTER,M60 1QD Authority: Environment Agency, North West Region Permit Reference: AZ8692 Dated: 13th November 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	S	792	2	384480 397510
	Registered Radioactive Substances				
69	Name: Umist Location: Po Box 88,Sackville Street,MANCHESTER,M60 1QD Authority: Environment Agency, North West Region Permit Reference: AX0526 Dated: 30th January 1997 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Minor variation to authorisation under RSA Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Manually positioned to the address or location	S	792	2	384480 397510

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Registered Radioactive Substances					
70	Name:	Umist	NE	809	2	385020
	Location:	PO Box 88,MANCHESTER,Lancashire,M60 1QD				398990
	Authority:	Environment Agency, North West Region				
	Permit Reference:	AZ5189				
	Dated:	24th October 1997				
	Process Type:	Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)				
	Description:	Minor variation to a registration under the Act of an open source which is also the subject of an authorisation				
	Status:	Authorisation superseded by a substantial or non substantial variation				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioactive Substances					
70	Name:	Umist	NE	809	2	385020
	Location:	PO Box 88,MANCHESTER,Lancashire,M60 1QD				398990
	Authority:	Environment Agency, North West Region				
	Permit Reference:	AC8878				
	Dated:	31st March 1991				
	Process Type:	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description:	Authorisation under RSA				
	Status:	Authorisation either revoked or cancelled				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioactive Substances					
70	Name:	Umist	NE	809	2	385020
	Location:	PO Box 88,MANCHESTER,Lancashire,M60 1QD				398990
	Authority:	Environment Agency, North West Region				
	Permit Reference:	AC8886				
	Dated:	31st March 1991				
	Process Type:	Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)				
	Description:	Registration under the Act of an open source which is also the subject of an authorisation				
	Status:	Authorisation superseded by a substantial or non substantial variation				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioactive Substances					
70	Name:	Umist	NE	809	2	385020
	Location:	PO Box 88,MANCHESTER,Lancashire,M60 1QD				398990
	Authority:	Environment Agency, North West Region				
	Permit Reference:	Bq2154				
	Dated:	9th April 2002				
	Process Type:	Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)				
	Description:	Substantial variation to authorisation under RSA				
	Status:	Authorisation either revoked or cancelled				
	Positional Accuracy:	Automatically positioned to the address				
	Registered Radioactive Substances					
71	Name:	Umist	S	847	2	384610
	Location:	Po Box 88,Sackville Street,MANCHESTER,M60 1QD				397460
	Authority:	Environment Agency, North West Region				
	Permit Reference:	Bk5380				
	Dated:	6th March 2001				
	Process Type:	Registration under S7 RSA for the keeping and use of Radioactive materials (was RSA60 S1)				
	Description:	Substantial variation to a registration under the Act of an open source which is also the subject of an authorisation				
	Status:	Authorisation either revoked or cancelled				
	Positional Accuracy:	Manually positioned to the address or location				
	River Quality					
	Name:	Rochdale Canal	SE	267	2	384730
	GQA Grade:	River Quality B				398110
	Reach:	Ashton Canal To Knott Mill				
	Estimated Distance of Reach (km):	1.8				
	Flow Rate:	Flow greater than 60 cumecs				
	Flow Type:	Canal				
	Year:	2000				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	River Quality					
	Name:	Ashton Canal	SE	287	2	384810
	GQA Grade:	River Quality C				398190
	Reach:	Robertsons To Rochdale Canal				
	Estimated Distance of Reach (km):	6.4				
	Flow Rate:	Flow greater than 80 cumecs				
	Flow Type:	Canal				
	Year:	2000				
	River Quality					
	Name:	Rochdale Canal	E	315	2	384860
	GQA Grade:	River Quality B				398240
	Reach:	Empress Processing To Ashton Canal				
	Estimated Distance of Reach (km):	.3				
	Flow Rate:	Flow greater than 80 cumecs				
	Flow Type:	Canal				
	Year:	2000				
	River Quality					
	Name:	Rochdale Canal	E	382	2	384920
	GQA Grade:	River Quality B				398460
	Reach:	Qsl At Summit To Empress Processing				
	Estimated Distance of Reach (km):	27.6				
	Flow Rate:	Flow greater than 80 cumecs				
	Flow Type:	Canal				
	Year:	2000				
	River Quality					
	Name:	Irwell (Msc)	NW	833	2	383770
	GQA Grade:	River Quality E				398660
	Reach:	Salford University To Salford Docks				
	Estimated Distance of Reach (km):	8.2				
	Flow Rate:	Flow less than 40 cumecs				
	Flow Type:	River				
	Year:	2000				
	River Quality					
	Name:	Irk	N	856	2	384370
	GQA Grade:	River Quality E				399170
	Reach:	Moston Bk To Irwell				
	Estimated Distance of Reach (km):	1.7				
	Flow Rate:	Flow less than 2.5 cumecs				
	Flow Type:	River				
	Year:	2000				
	River Quality					
	Name:	Medlock	S	881	2	384560
	GQA Grade:	River Quality E				397420
	Reach:	Lords Bk To Irwell				
	Estimated Distance of Reach (km):	9.5				
	Flow Rate:	Flow less than 0.31 cumecs				
	Flow Type:	River				
	Year:	2000				
	River Quality Biology Sampling Points					
72	Name:	Rochdale Canal	SE	324	2	384830
	Reach:	Ashton Canal To Knott Mill				398140
	Estimated Distance:	1.80				
	Positional Accuracy:	Located by supplier to within 10m				
	Year:	1990				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				
	Year:	1995				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				
	Year:	2000				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				
	Year:	2002				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				
	Year:	2003				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	River Quality Biology Sampling Points					
73	Name:	Rochdale Canal	E	412	2	384950
	Reach:	Empress Processing To Ashton Canal				398450
	Estimated Distance:	0.30				
	Positional Accuracy:	Located by supplier to within 10m				
	Year:	1990				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				
	Year:	1995				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				
	Year:	2000				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				
	Year:	2002				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				
	Year:	2003				
	GQA Grade:	River Quality Biology GQA Grade Not Supplied				
	River Quality Chemistry Sampling Points					
4	Name:	Ashton Canal	E	774	2	385310
	Reach:	Robertsons To Rochdale Canal				398140
	Estimated Distance:	8.40				
	Objective:	River Ecosystem Class 3: Fairly Good Quality				
	Positional Accuracy:	Located by supplier to within 10m				
	Year:	1990				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Not Supplied				
	Year:	1993				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	1994				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	1995				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	1996				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	1997				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	1998				
	GQA Grade:	River Quality Chemistry GQA Grade C - Fairly Good				
	Compliance:	Compliant				
	Year:	1999				
	GQA Grade:	River Quality Chemistry GQA Grade C - Fairly Good				
	Compliance:	Compliant				
	Year:	2000				
	GQA Grade:	River Quality Chemistry GQA Grade C - Fairly Good				
	Compliance:	Compliant				
	Year:	2001				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	2002				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	2003				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				

Map ID		Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	River Quality Chemistry Sampling Points					
74	Name:	Ashton Canal	E	774	2	385310
	Reach:	Peak Forest Canal To Robertsons				398140
	Estimated Distance:	3.60				
	Objective:	River Ecosystem Class 3: Fairly Good Quality				
	Positional Accuracy:	Located by supplier to within 10m				
	Year:	1990				
	GQA Grade:	Not Supplied				
	Compliance:	Not Supplied				
	Year:	1993				
	GQA Grade:	River Quality Chemistry GQA Grade D - Fair				
	Compliance:	Marginal				
	Year:	1994				
	GQA Grade:	River Quality Chemistry GQA Grade D - Fair				
	Compliance:	Marginal				
	Year:	1995				
	GQA Grade:	River Quality Chemistry GQA Grade C - Fairly Good				
	Compliance:	Compliant				
	Year:	1996				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	1997				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	1998				
	GQA Grade:	River Quality Chemistry GQA Grade C - Fairly Good				
	Compliance:	Compliant				
	Year:	1999				
	GQA Grade:	River Quality Chemistry GQA Grade C - Fairly Good				
	Compliance:	Compliant				
	Year:	2000				
	GQA Grade:	River Quality Chemistry GQA Grade C - Fairly Good				
	Compliance:	Compliant				
	Year:	2001				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	2002				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				
	Year:	2003				
	GQA Grade:	River Quality Chemistry GQA Grade B - Good				
	Compliance:	Compliant				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	River Quality Chemistry Sampling Points					
75	Name:	Irk	N	909	2	384200
	Reach:	Moston Bk. To Irwell				399170
	Estimated Distance:	1.70				
	Objective:	River Ecosystem Class 4: Fair Quality				
	Positional Accuracy:	Located by supplier to within 10m				
	Year:	1990				
	GQA Grade:	River Quality Chemistry GQA Grade F - Bad				
	Compliance:	Not Supplied				
	Year:	1993				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Significant Failure				
	Year:	1994				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Significant Failure				
	Year:	1995				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Significant Failure				
	Year:	1996				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Significant Failure				
	Year:	1997				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Significant Failure				
	Year:	1998				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Significant Failure				
	Year:	1999				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Significant Failure				
	Year:	2000				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Significant Failure				
	Year:	2001				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Marginal				
	Year:	2002				
	GQA Grade:	River Quality Chemistry GQA Grade E - Poor				
	Compliance:	Marginal				
	Year:	2003				
	GQA Grade:	River Quality Chemistry GQA Grade D - Fair				
	Compliance:	Compliant				
	Water Abstractions					
76	Operator:	British Telecommunications Plc	SW	530	2	384100
	Licence Number:	2569007069				398000
	Permit Version:	100				
	Location:	Borehole At George St, 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:	Groundwater				
	Daily Rate (m3):	860				
	Yearly Rate (m3):	1100				
	Details:	Premises At Rutherford Hse, York St				
	Authorised Start:	01 January				
	Authorised End:	31 December				
	Permit Start Date:	1st April 1984				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 100m				

2.4 Geology and Geohydrology of the Area

2.4.1 Geology of the Area

2.4.1.1 Inspection of the geological map of the area (at 1: 50000 scale) published by the British Geological Survey indicates the topography local to the site (based on borehole/observations recorded on the map) is formed in the following sequence of soils.

Strata	Approximate thickness (m)	Typical soil type	Likely permeability
Glacial Till	>5m	Clay, sands and gravels	Moderate
Middle Coal Measures	>20m	Sand	High

Table reference 2.4.1

The soil types and assessment of permeability's are based on geological memoirs.

2.4.2 Geohydrology – aquifer designation and groundwater vulnerability

2.4.2.1 Envirocheck reports the site is located in an area designated a major aquifer probably reflecting the near surface geology comprising Middle Coal Measures, which are likely to be reasonably permeable deposits. A major aquifer is defined by the Environment Agency in their publication *'policy and practice for the protection of groundwater'* on highly permeable formations. They are highly productive and able to support large abstractions for public water supply and other purposes. In addition, Envirocheck provide an extract of the groundwater vulnerability map recording the soils containing the aquifer is a high leaching potential. These soils have little ability to attenuate diffuse source pollutants. Non-absorbed diffuse source pollutants and liquid discharges will percolate rapidly through them. The groundwater vulnerability map also records a sub class of soil type U, (undifferentiated). In such a case there is insufficient information to classify the soils accurately and generally a default class of H1 is adopted. A sub class of H1 is defined as a soil which readily transmits liquid discharges because they are either shallow or susceptible to rapid by-pass flow directly to rock, gravel or groundwater.

2.4.3 Geohydrology – water abstractions

2.4.3.1 Envirocheck report three abstraction points within 1km of the site, with water being taken from both boreholes and surface water resources for general cooling purposes. One of these licences has been revoked, whilst permit end dates are not available for the remaining two licenses.

2.4.4 Geohydrology – source protection zone

2.4.4.1 Envirocheck does not record the site is located within a zone protecting a potable water supply abstracting from a major aquifer (i.e. a source protection zone).

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
439	Name:	J J Blackledge (Manchester) Ltd	N	744	-	384590
	Location:	16,Sharp Street,Manchester,M4 4BZ				399070
	Classification:	Leather Garments & Products				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
440	Name:	Karo Handbags	N	746	-	384540
	Location:	19,Sharp Street,Manchester,M4 4BZ				399080
	Classification:	Leather Products - Manufacturers & Suppliers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
440	Name:	K B Engineering	N	746	-	384540
	Location:	19,Sharp Street,Manchester,M4 4BZ				399080
	Classification:	Engineers - General				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
440	Name:	Damaz Purse Manufacturing Co Ltd	N	772	-	384540
	Location:	18,Sharp Street,Manchester,M4 4BZ				399100
	Classification:	Bags, Belts & Accessories - Manufacturers & Suppliers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
440	Name:	W Wasik	N	776	-	384570
	Location:	33-35,Simpson Street,Manchester,M4 4BG				399110
	Classification:	Bags, Belts & Accessories - Manufacturers & Suppliers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
441	Name:	Print 4 Less	NE	747	-	385070
	Location:	111,George Leigh Street,Manchester,M4 6BE				398860
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
441	Name:	A W Bag Manufacturers	NE	749	-	385070
	Location:	84,Silk Street,Manchester,M4 6BJ				398870
	Classification:	Bags, Belts & Accessories - Manufacturers & Suppliers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
441	Name:	Cleaning Services (Manchester)	NE	749	-	385070
	Location:	82,Silk Street,Manchester,M4 6BJ				398870
	Classification:	Cleaning Services - Commercial				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
441	Name:	World Of Cleaning Ltd	NE	749	-	385070
	Location:	82,Silk Street,Manchester,M4 6BJ				398870
	Classification:	Cleaning Services - Commercial				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
437	Name:	Badger	NE	722	-	384970
	Location:	Oldham Rd,Manchester,M4 6AG				398920
	Classification:	Garage Services				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
438	Name:	Custom Built Computers	N	742	-	384490
	Location:	51-52 New Mount St,Manchester,Lancashire,M4 4DE				399070
	Classification:	Computer Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
438	Name:	Pure Music Manufacturing Ltd	N	757	-	384470
	Location:	23,New Mount Street,Manchester,Lancashire,M4 4DE				399080
	Classification:	Record, Tape & CD Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
438	Name:	Iron In The City	N	757	-	384470
	Location:	Unit 30,23 New Mount St,Manchester,Lancashire,M4 4DE				399080
	Classification:	Ironing & Home Laundry Services				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
438	Name:	Bcm Ltd	N	757	-	384470
	Location:	Unit 150,23 New Mount St,Manchester,Lancashire,M4 4DE				399080
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
438	Name:	A B M Cleaning Services Ltd	N	758	-	384470
	Location:	23,New Mount Street,Manchester,Lancashire,M4 4DE				399080
	Classification:	Cleaning Services - Commercial				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
438	Name:	Cap-Com Music	N	758	-	384470
	Location:	23,New Mount Street,Manchester,Lancashire,M4 4DE				399080
	Classification:	Gearboxes				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
438	Name:	B & M Electronics	N	758	-	384470
	Location:	23,New Mount Street,Manchester,Lancashire,M4 4DE				399080
	Classification:	Electrical Goods Sales, Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
438	Name:	Home Maids Ltd	N	758	-	384470
	Location:	23,New Mount Street,Manchester,Lancashire,M4 4DE				399080
	Classification:	Cleaning Services - Domestic				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
433	Name:	Ged Crewe Ltd	NE	704	-	384980
	Location:	114,Oldham Road,Manchester,M4 6AG				398890
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
434	Name:	A J Crawford & Sons	SE	711	-	385200
	Location:	37,Longacre Street,Manchester,M1 2WN				398010
	Classification:	Commercial Vehicle Servicing, Repairs, Parts & Accessories				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
434	Name:	Dalkeith Autos	SE	737	-	385210
	Location:	7,Heyrod Street,Manchester,M1 2WW				397980
	Classification:	Garage Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
435	Name:	William Chitham	S	714	-	384330
	Location:	121,Princess Street,Manchester,M1 7AD				397620
	Classification:	Photo & Digital Imaging Bureaus				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
435	Name:	Harris Darkrooms	S	714	-	384330
	Location:	121,Princess Street,Manchester,M1 7AD				397620
	Classification:	Photographic Processors				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
435	Name:	Subway	S	715	-	384330
	Location:	Second Floor,121,Princess Street,Manchester,Lancashire,M1 7AG				397620
	Classification:	Printers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
435	Name:	Northern Contract Cleaners	S	726	-	384290
	Location:	Asia House,82,Princess Street,Manchester,M1 6NF				397620
	Classification:	Cleaning Services - Commercial				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
435	Name:	Broomwell Healthwatch Ltd	S	766	-	384300
	Location:	86,Princess Street,Manchester,Lancashire,M1 6NG				397580
	Classification:	Medical & Dental Laboratories				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
436	Name:	Trafford Lifting Services Ltd	NE	717	-	385080
	Location:	Unit 2/3,Naval Street,Manchester,M4 6AX				398810
	Classification:	Lifting Equipment				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
429	Name:	Penhaligons	W	682	-	383870
	Location:	Royal Exchange,Manchester,M2 7TT				398490
	Classification:	Perfume Suppliers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
429	Name:	The Antique Fireplace	W	692	-	383870
	Location:	Royal Exchange Shopping Centre,Manchester,Lancashire,M2 7DB				398510
	Classification:	Fireplaces & Mantelpieces				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
430	Name:	R & G Industrial Sewing Machines Ltd	SE	690	-	385160
	Location:	Portugal Street East,Manchester,M1 2WX				397870
	Classification:	Sewing Machines - Industrial				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
431	Name:	Harrisons Cleaning Specialists	W	693	-	383840
	Location:	National House,36,St. Ann Street,Manchester,M60 8HF				398340
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
431	Name:	Pure Beauty	W	696	-	383830
	Location:	49,King Street,Manchester,Lancashire,M2 7AY				398310
	Classification:	Toiletries				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
431	Name:	Jonathan Kaye	W	704	-	383830
	Location:	Third Floor,James Binney House,52,Cross Street,Manchester,M2 7AR				398320
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
431	Name:	Thomas Pink Ltd	W	727	-	383800
	Location:	58,King Street,Manchester,Lancashire,M2 4LY				398290
	Classification:	Shirt Makers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
432	Name:	Archmale Ltd	S	697	-	384450
	Location:	Flat 15,Granby House,Granby Row,Manchester,M1 7AR				397610
	Classification:	Rubber & Plastic Products - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
433	Name:	T Brown & Son	NE	699	-	384990
	Location:	Primrose St,Off Oldham Rd,Manchester,M4 6AG				398870
	Classification:	Garage Services				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
425	Name:	Pillar & Post Ltd	NE	667	-	385090
	Location:	Beehive Mill,Jersey Street,Manchester,Lancashire,M4 6JG				398720
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
426	Name:	Usman Fashions	N	668	-	384490
	Location:	11,Dyche Street,Manchester,M4 4BQ				399000
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
426	Name:	Master Design Ltd	N	668	-	384490
	Location:	11,Dyche Street,Manchester,M4 4BQ				399000
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
426	Name:	Instyle (Uk) Ltd	N	668	-	384490
	Location:	11,Dyche Street,Manchester,M4 4BQ				399000
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
427	Name:	Cannon Electrical Contractors (Manchester) Ltd	W	670	-	383870
	Location:	8,Clarence Street,Manchester,M2 4DW				398180
	Classification:	Electrical Engineers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
427	Name:	Inpeto Ltd	W	670	-	383870
	Location:	Northern Assurance Building,9-21,Princess Street,Manchester,Lancashire,M2 4DN				398180
	Classification:	Pet Foods & Animal Feeds				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
427	Name:	Max Spielmann	W	695	-	383850
	Location:	59a,Cross Street,Manchester,Lancashire,M2 4JW				398190
	Classification:	Photographic Processors				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
427	Name:	Johnson Cleaners (Uk) Ltd	W	698	-	383840
	Location:	61,Cross Street,Manchester,M2 4JW				398190
	Classification:	Dry Cleaners				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
428	Name:	Manchester Executive Cleaners Ltd	W	675	-	383860
	Location:	Eighth Floor,26,Cross Street,Manchester,M2 7AF				398390
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
420	Name:	Kiddycare International	W	628	-	383920
	Location:	Unit R30,Marsden Way South,Manchester,Lancashire,M4 3AT				398480
	Classification:	Children & Babywear - Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Manually positioned within the geographical locality				
	Contemporary Trade Directory Entries					
420	Name:	Max Spielmann	W	630	-	383930
	Location:	Uk12,Marsden Way South,Manchester,Lancashire,M4 3AT				398510
	Classification:	Photographic Processors				
	Status:	Active				
	Positional Accuracy:	Manually positioned within the geographical locality				
	Contemporary Trade Directory Entries					
421	Name:	D T M	NE	632	-	385040
	Location:	45,Bengal Street,Manchester,M4 6AF				398730
	Classification:	Garage Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
421	Name:	Anglopack Ltd	NE	663	-	385060
	Location:	46,Radium Street,Manchester,M4 6AY				398760
	Classification:	Packaging Materials Manufacturers & Suppliers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
422	Name:	F Rostron Maunfacturing Ltd	W	633	-	383920
	Location:	39,Princess Street,Manchester,M2 4FN				398130
	Classification:	Shirt Makers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
422	Name:	Cheshire Shirtmakers Ltd	W	633	-	383920
	Location:	39,Princess Street,Manchester,Lancashire,M2 4FN				398130
	Classification:	Shirt Makers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
423	Name:	Smithfield Service Station	N	646	-	384590
	Location:	12,Rochdale Road,Manchester,M4 4JR				398980
	Classification:	Garage Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
424	Name:	Georgia Fashions	NE	646	-	384970
	Location:	1st Floor Wauik Mill,Bengal St,Manchester,M4 6HQ				398820
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
425	Name:	Aka Designs	NE	667	-	385090
	Location:	Beehive Mill,Jersey Street,Manchester,Lancashire,M4 6JG				398720
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries				
417	Name: Mxm Location: 82,King Street,Manchester,Lancashire,M2 4WQ Classification: Medical Equipment Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location	W	610	-	383920 398260
	Contemporary Trade Directory Entries				
418	Name: Anam Knitware Ltd Location: 66-72,Chapeltown Street,Manchester,M1 2WH Classification: Knitwear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	SE	617	-	385090 398010
	Contemporary Trade Directory Entries				
418	Name: Shah & Sons Location: 66-72,Chapeltown Street,Manchester,M1 2WH Classification: Knitwear Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	SE	617	-	385090 398010
	Contemporary Trade Directory Entries				
418	Name: Euro Textiles Ltd Location: 66-72,Chapeltown Street,Manchester,Lancashire,M1 2WH Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location	SE	617	-	385090 398010
	Contemporary Trade Directory Entries				
418	Name: Seasons Knitwear Ltd Location: 66-72,Chapeltown Street,Manchester,Lancashire,M1 2WH Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	SE	617	-	385090 398010
	Contemporary Trade Directory Entries				
418	Name: A M S Manchester Location: 66-72,Chapeltown Street,Manchester,Lancashire,M1 2WH Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	SE	617	-	385090 398010
	Contemporary Trade Directory Entries				
418	Name: Samson Hosiery Manufacturers Location: 66-72,Chapeltown Street,Manchester,Lancashire,M1 2WH Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	SE	617	-	385090 398010
	Contemporary Trade Directory Entries				
418	Name: Khalil Knitwear Location: 66-72,Chapeltown Street,Manchester,Lancashire,M1 2WH Classification: Knitwear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	SE	617	-	385090 398010
	Contemporary Trade Directory Entries				
419	Name: Currys Location: Central Retail Park,Great Ancoats Street,Manchester,Lancashire,M4 6DL Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	E	627	-	385180 398370

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries				
410	Name: C & S Location: 2-4,Goulden Street,Manchester,M4 5EW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	N	576	-	384700 398880
	Contemporary Trade Directory Entries				
411	Name: Eden Fashions Ltd Location: 53,Marshall Street,Manchester,M4 5FU Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	N	583	-	384570 398910
	Contemporary Trade Directory Entries				
411	Name: Two Star Fashions Ltd Location: 53,Marshall Street,Manchester,M4 5FU Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	N	583	-	384570 398910
	Contemporary Trade Directory Entries				
412	Name: Spl Materials Location: 105 Princess St,Manchester,Lancashire,M1 6DD Classification: Electricity Companies Status: Inactive Positional Accuracy: Manually positioned to the address or location	SW	583	-	384240 397800
	Contemporary Trade Directory Entries				
413	Name: Express Motors Location: 47-49,Loom Street,Manchester,M4 6AW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	NE	589	-	384960 398750
	Contemporary Trade Directory Entries				
414	Name: Capcis Location: Capcis House,1,Echo Street,Manchester,M1 7DP Classification: Corrosion Prevention & Control Status: Active Positional Accuracy: Automatically positioned to the address	S	595	-	384730 397730
	Contemporary Trade Directory Entries				
415	Name: S A Car Services Location: 8 Wyre St,Manchester,M1 2PR Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	SE	601	-	384790 397750
	Contemporary Trade Directory Entries				
416	Name: Duty Free Location: R26-R27,Unit,Marsden Way South,Manchester,Lancashire,M4 3AT Classification: Perfume Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	NW	601	-	383960 398570
	Contemporary Trade Directory Entries				
416	Name: The Perfume Shop Ltd Location: 9A Arndale Centre,Manchester,Lancashire,M4 2EA Classification: Perfume Suppliers Status: Active Positional Accuracy: Manually positioned within the geographical locality	NW	619	-	383990 398610

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
405	Name:	Alterlist Ltd	N	586	-	384640
	Location:	32,Mason Street,Manchester,M4 5EY				398910
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
405	Name:	Life Clothings	N	586	-	384640
	Location:	32,Mason Street,Manchester,M4 5EY				398910
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
405	Name:	Fax Tip Ltd	N	586	-	384640
	Location:	32,Mason Street,Manchester,M4 5EY				398910
	Classification:	Bags, Belts & Accessories - Manufacturers & Suppliers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
406	Name:	Ed Chapman Ltd	NE	570	-	385070
	Location:	Union Mill,Redhill Street,Manchester,M4 5AU				398580
	Classification:	Textile Manufacturing				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
407	Name:	A S P Architectural Ltd	E	570	-	385110
	Location:	Unit 6,Chancel Place,Store Street,Manchester,M1 2WB				398170
	Classification:	Hardware				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
408	Name:	Plumbase Ltd	NE	575	-	384790
	Location:	85,Oldham Road,Manchester,M4 5FS				398850
	Classification:	Central Heating Supplies & Equipment				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned in the proximity of the address				
	Contemporary Trade Directory Entries					
408	Name:	1st Central Locksmiths	NE	593	-	384820
	Location:	51-55,Oldham Road,Manchester,M4 5FS				398860
	Classification:	Safes & Vaults - Suppliers & Installers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
409	Name:	Klick Photopoint	W	576	-	383990
	Location:	27,Market Street,Manchester,Lancashire,M1 1WR				398500
	Classification:	Photographic Processors				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
409	Name:	Klick	W	576	-	383990
	Location:	27 Market St,Manchester,Lancashire,M1 1WR				398500
	Classification:	Photographic Processors				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
402	Name:	V T G	SW	631	-	384120 397830
	Location:	Gainsborough House,109,Portland Street,Manchester,Lancashire,M1 6DN				
	Classification:	Lift Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
403	Name:	W H Hammond & Co (Manchester) Ltd	SW	555	-	384300 397810
	Location:	58,Richmond Street,Manchester,M1 3WB				
	Classification:	Soft Furnishings - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
404	Name:	Haughton Engineering Services	W	560	-	383980 398230
	Location:	Ship Canal House,98,King Street,Manchester,Lancashire,M2 4WU				
	Classification:	Engineering Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
405	Name:	Euro Clothing	N	566	-	384600 398890
	Location:	Mason St,Manchester,M4 5EY				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
405	Name:	W A S P Studios	N	573	-	384630 398900
	Location:	30a,Mason Street,Manchester,M4 5EY				
	Classification:	T-Shirts				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
405	Name:	Euro Clothing	N	573	-	384630 398900
	Location:	30a,Mason Street,Manchester,M4 5EY				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
405	Name:	Al-Kalib Technology	N	573	-	384630 398900
	Location:	30a,Mason Street,Manchester,Lancashire,M4 5EY				
	Classification:	Electronic Equipment - Manufacturers & Assemblers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
405	Name:	Tamora Fashions	N	573	-	384630 398900
	Location:	30 Mason St,Manchester,M4 5EY				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
405	Name:	Diana Design	N	573	-	384630 398900
	Location:	A,30,Mason Street,Manchester,Lancashire,M4 5EY				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
400	Name:	A & A Autos	SE	535	-	384980
	Location:	31-35,Chapeltown Street,Manchester,M1 2NN				397990
	Classification:	Car Body Repairs				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
401	Name:	Advanced (Commercial Kitchens) Ltd	NE	550	-	384830
	Location:	60,Oldham Road,Manchester,M4 5EE				398800
	Classification:	Catering Equipment				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
402	Name:	Scootabout International	SW	554	-	384210
	Location:	101,Princess Street,Manchester,Lancashire,M1 6DD				397860
	Classification:	Materials Handling Equipment				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
402	Name:	Licence Trade Consultants	SW	589	-	384170
	Location:	Imex House,40,Princess Street,Manchester,Lancashire,M1 6DE				397840
	Classification:	Brewers' Equipment & Services				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
402	Name:	Northern Consultancy Of Medical Management Ltd	SW	589	-	384170
	Location:	Imex House,40,Princess Street,Manchester,Lancashire,M1 6DE				397840
	Classification:	Medical & Dental Laboratories				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
402	Name:	R S I S Projects Ltd	SW	589	-	384170
	Location:	Imex House,40,Princess Street,Manchester,Lancashire,M1 6DE				397840
	Classification:	Railways				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
402	Name:	Patriot Advertising Solutions	SW	589	-	384170
	Location:	Imex House,40,Princess Street,Manchester,Lancashire,M1 6DE				397840
	Classification:	Distribution Services				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
402	Name:	Dunbar & Boardman Partnership	SW	589	-	384170
	Location:	Imex House,40,Princess Street,Manchester,Lancashire,M1 6DE				397840
	Classification:	Lift Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
402	Name:	Chamber Communiction Ltd	SW	589	-	384170
	Location:	Imex House,40,Princess Street,Manchester,Lancashire,M1 6DE				397840
	Classification:	Telecommunications Equipment & Systems				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
397	Name:	Neat & Tidy	S	557	-	384360
	Location:	Amazon House,3 Brazil Street,Manchester,M1 3PJ				397780
	Classification:	Cleaning Services - Domestic				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
398	Name:	Dixons	NW	530	-	384060
	Location:	165-166,Arndale Centre,Manchester,M4 3AB				398550
	Classification:	Electrical Goods Sales, Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
398	Name:	Willie'S	NW	530	-	384060
	Location:	85,Arndale Centre,Manchester,Lancashire,M4 2HU				398550
	Classification:	Wallpapers & Wall Coverings				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
398	Name:	Shopmobility (Manchester)	NW	530	-	384060
	Location:	46-48,Arndale Centre,MANCHESTER,M4 2HU				398550
	Classification:	Disability Equipment - Manufacturers & Suppliers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
398	Name:	The Fast Picture Show	NW	530	-	384060
	Location:	142-143,Market Hall,Arndale Centre Manchester,M4 2EB				398550
	Classification:	Photographic Processors				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
398	Name:	Home Design Store	NW	530	-	384060
	Location:	136,Arndale Centre,Manchester,Lancashire,M4 2EA				398550
	Classification:	Gunsmiths				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
398	Name:	Bodycare (Health & Beauty)	NW	530	-	384060
	Location:	111-112,Arndale Centre,Manchester,M4 2EA				398550
	Classification:	Toiletries				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
399	Name:	Tetra Pak Business Services Ltd	W	534	-	384010
	Location:	The Chancery,58 Spring Gdns,Manchester,M2 1EW				398190
	Classification:	Boxes & Cartons				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
400	Name:	Northwest Metrocab Uk Plc	SE	535	-	384980
	Location:	31-35,Chapeltown Street,Manchester,M1 2NN				397990
	Classification:	Garage Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
395	Name:	Dallas Knitwear Manchester Ltd	N	541	-	384490 398870
	Location:	2,Rochdale Road,Manchester,M4 4JR				
	Classification:	Knitwear Manufacturers & Wholesalers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
395	Name:	A1 Knitwear Ltd	N	541	-	384490 398870
	Location:	2,Rochdale Road,Manchester,M4 4JR				
	Classification:	Knitwear Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
395	Name:	Readyplus Ltd	N	541	-	384490 398870
	Location:	2,Rochdale Road,Manchester,M4 4JR				
	Classification:	Knitwear Manufacturers & Wholesalers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
395	Name:	Readyplus	N	541	-	384490 398870
	Location:	2,Rochdale Road,Manchester,Lancashire,M4 4JR				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
396	Name:	Nouveau	NW	517	-	384170 398690
	Location:	9,Shudehill,Manchester,Lancashire,M4 2AF				
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
396	Name:	T Stensby & Co Ltd	NW	535	-	384150 398690
	Location:	1,Shudehill,Manchester,M4 2AF				
	Classification:	Gunsmiths				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
396	Name:	Withy Grove Stores Ltd	NW	538	-	384140 398680
	Location:	35-39,Withy Grove,Manchester,M4 2BJ				
	Classification:	Safes & Vaults - Suppliers & Installers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
396	Name:	Withy Grove Stores Ltd	NW	538	-	384140 398680
	Location:	35-39,Withy Grove,Manchester,M4 2BJ				
	Classification:	Office Furniture & Equipment				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
397	Name:	Kdp (Uk) Ltd	S	525	-	384350 397820
	Location:	38,Canal Street,Manchester,M1 3WD				
	Classification:	Non-Ferrous Metals				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
393	Name:	Centre Glass & Hygiene	N	530	-	384740
	Location:	Swan Mill,1,Goulden Street,Manchester,Lancashire,M4 5FR				398820
	Classification:	Cleaning Materials & Equipment				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
393	Name:	Direct Janitorial Supplies	NE	530	-	384810
	Location:	52-54,Oldham Road,Manchester,M4 5EE				398790
	Classification:	Cleaning Materials & Equipment				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
394	Name:	J Cotton & Co	E	517	-	385080
	Location:	126,Great Ancoats Street,Manchester,M4 6DE				398300
	Classification:	Car Breakdown & Recovery Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
394	Name:	I T Designs	E	526	-	385080
	Location:	81,Ducie Street,Manchester,M1 2JQ				398280
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
395	Name:	Uk Panel	N	517	-	384520
	Location:	55,Cable Street,Manchester,Lancashire,M4 5DF				398850
	Classification:	PVC-U Products - Manufacturers & Suppliers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
395	Name:	Instep	N	517	-	384520
	Location:	55,Cable Street,Manchester,Lancashire,M4 5DF				398850
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
395	Name:	Xenos Clothing	N	521	-	384490
	Location:	60-64,Swan Street,Manchester,M4 5JU				398850
	Classification:	Children & Babywear - Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
395	Name:	N Q Fireplace Studio	N	521	-	384490
	Location:	60-64,Swan Street,Manchester,Lancashire,M4 5JU				398850
	Classification:	Fireplaces & Mantelpieces				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
395	Name:	Gavidero Clothing Co	N	528	-	384480
	Location:	68,Swan Street,Manchester,M4 5JU				398850
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
392	Name:	Mash Fashions	N	537	-	384550 398870
	Location:	13,Mason Street,Manchester,M4 5FT				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
392	Name:	New Faz Fashions	N	537	-	384550 398870
	Location:	13,Mason Street,Manchester,M4 5FT				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
392	Name:	Milano Knitting Co	N	537	-	384550 398870
	Location:	13,Mason Street,Manchester,M4 5FT				
	Classification:	Knitwear Manufacturers & Wholesalers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
392	Name:	Daisy Fashions Ltd	N	537	-	384550 398870
	Location:	13,Mason Street,Manchester,M4 5FT				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
392	Name:	Topline Fashions (Manchester) Ltd	N	537	-	384550 398870
	Location:	42,Cable Street,Manchester,M4 5FW				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
392	Name:	Mcewan	N	537	-	384550 398870
	Location:	13,Mason Street,Manchester,M4 5FT				
	Classification:	Engineers - General				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
393	Name:	Platting Pallets	NE	506	-	384750 398790
	Location:	Oldham Rd,Manchester,M4 5FG				
	Classification:	Pallets, Crates & Packing Cases				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
393	Name:	Trade N Save	NE	516	-	384760 398800
	Location:	27-31 Oldham Rd,Manchester,M4 5FG				
	Classification:	Car Dealers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
393	Name:	Kwik-Fit	N	520	-	384740 398810
	Location:	35-39,Oldham Road,Manchester,M4 5FG				
	Classification:	Exhaust & Shock Absorber Centres				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
388	Name:	Pearl Textiles	N	493	-	384680
	Location:	14,Addington Street,Manchester,M4 5FQ				398800
	Classification:	Lace Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
389	Name:	S A S Fashions Ltd	E	461	-	385020
	Location:	55-59,Ducie Street,Manchester,M1 2JQ				398260
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
390	Name:	Samkou Export Co	SW	472	-	384360
	Location:	26,Richmond Street,Manchester,M1 3NB				397870
	Classification:	Textile Manufacturing				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
391	Name:	Barkat Knitwear Manufacturing Co Ltd	N	485	-	384580
	Location:	Cable St,Manchester,Lancashire,M4 5DF				398810
	Classification:	Knitwear Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
391	Name:	Super Style Windows Ltd	N	507	-	384600
	Location:	55,Cable Street,Manchester,M4 5DF				398830
	Classification:	Window Frame Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
391	Name:	A V S Knitwear Ltd	N	507	-	384600
	Location:	55,Cable Street,Manchester,Lancashire,M4 5DF				398830
	Classification:	Knitwear Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
392	Name:	E & A Auto Services	N	501	-	384570
	Location:	15 Cable St,Ancoats Manchester,Lancs,M4 5EG				398830
	Classification:	Mot Testing Centres				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
392	Name:	Fashion Mania	N	537	-	384550
	Location:	13,Mason Street,Manchester,M4 5FT				398870
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
392	Name:	A N Fashions	N	537	-	384550
	Location:	42,Cable Street,Manchester,M4 5FW				398870
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
385	Name:	Network Rail	SE	446	-	384830
	Location:	First-Third Floor,Rail House,Store Street,Manchester,M60 7RT				397960
	Classification:	Railways				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
385	Name:	Rail Passengers Committee	SE	446	-	384830
	Location:	Rail House,Store Street,Manchester,M1 2RP				397960
	Classification:	Railways				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
386	Name:	D C Motor Engineers	W	446	-	384080
	Location:	1-3,York Street,Manchester,Lancashire,M1 7DE				398300
	Classification:	Garage Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
386	Name:	The Color Co	W	467	-	384070
	Location:	41,Spring Gardens,Manchester,M2 2BG				398260
	Classification:	Copying & Duplicating Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
386	Name:	The Color Co	W	467	-	384070
	Location:	41,Spring Gardens,Manchester,M2 2BG				398260
	Classification:	Copying & Duplicating Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
387	Name:	Amc Graphics	NE	454	-	384860
	Location:	Lynx House,17,Cotton Street,Manchester,M4 6AA				398660
	Classification:	Lithographic Plate Makers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
387	Name:	Appleyard Press	NE	454	-	384860
	Location:	Lynx House,17,Cotton Street,Manchester,M4 6AA				398660
	Classification:	Printers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
388	Name:	M & S Jaffe Ltd	N	460	-	384660
	Location:	8,Cable Street,Manchester,M4 5EG				398780
	Classification:	Furniture Manufacturers - Home & Office				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
388	Name:	Saira Of Manchester Ltd	N	486	-	384690
	Location:	4 Addington St,Manchester,Lancashire,M4 5FQ				398790
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
381	Name:	Business Equipment & Scales Service Ltd	NW	437	-	384330 398710
	Location:	9,Thomas Street,Manchester,M4 1EU				
	Classification:	Cash Registers & Check-Out Equipment				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
381	Name:	Royle & Davies	NW	467	-	384340 398750
	Location:	60,Shudehill,Manchester,M4 4AA				
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
381	Name:	G Stevenson	NW	467	-	384340 398750
	Location:	60,Shudehill,Manchester,Lancashire,M4 4AA				
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
382	Name:	Universal Utilities	W	437	-	384090 398330
	Location:	Third Floor,Tootal House,19-21,Spring Gardens,Manchester,M2 1FB				
	Classification:	Gas Suppliers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
383	Name:	Central Motor Services	SE	442	-	384890 398020
	Location:	26-32,Store Street,Manchester,M1 2WD				
	Classification:	Garage Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
383	Name:	Principal Car Sales	SE	482	-	384920 397990
	Location:	18,Sparkle Street,Manchester,M1 2NA				
	Classification:	Car Dealers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
384	Name:	Oaldand Fabrics Ltd	SW	443	-	384150 398050
	Location:	44,George Street,Manchester,M1 4HF				
	Classification:	Textile Manufacturing				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
384	Name:	Sofas4u	SW	457	-	384140 398070
	Location:	George House,48 George Street,Manchester,Lancashire,M1 4HF				
	Classification:	Furniture - Reproduction				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
384	Name:	Prontaprint	SW	478	-	384110 398090
	Location:	71a,Mosley Street,Manchester,M2 3JN				
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
374	Name:	Richard Conrad & Co Ltd	W	417	-	384110 398280
	Location:	36-38,Fountain Street,Manchester,M2 2BE				
	Classification:	Office Furniture & Equipment				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
375	Name:	Bj Products	NW	418	-	384280 398660
	Location:	5,Nicholas Croft,Manchester,M4 1EY				
	Classification:	Electrical Goods Sales, Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
376	Name:	Hunters Contracts (North) Ltd	W	418	-	384120 398230
	Location:	York Ho,20 York St,Manchester,Lancashire,M2 3AD				
	Classification:	Office Furniture & Equipment				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
377	Name:	The Plastic Art Co	S	421	-	384390 397910
	Location:	16,Chorlton Street,Manchester,M1 3HW				
	Classification:	Lamination & Encapsulation Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
378	Name:	Bramhall Refrigeration Services	NW	428	-	384220 398610
	Location:	23,Market Hall,Arndale Centre,Manchester,M4 3AW				
	Classification:	Refrigerators & Freezers - Servicing & Repairs				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
379	Name:	Debs Europe Liason Office	SW	428	-	384280 397960
	Location:	Portland Tower,Portland Street,Manchester,M1 3LD				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
380	Name:	Chelsea Childrenswear Ltd	NE	435	-	384810 398680
	Location:	24-28,George Leigh Street,Manchester,M4 5DQ				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
380	Name:	Al-Murid Pleating Co	NE	435	-	384810 398680
	Location:	24-28,George Leigh Street,Manchester,M4 5DQ				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
380	Name:	Sam Knitwear Ltd	NE	435	-	384810 398680
	Location:	24-28,George Leigh Street,Manchester,M4 5DQ				
	Classification:	Knitwear Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
371	Name:	Gold Star Ions	E	405	-	384950
	Location:	10,Pigeon Street,Manchester,M1 2JX				398230
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
372	Name:	Blossom Motor Co	NE	394	-	384800
	Location:	27,Gun Street,Manchester,M4 5DN				398630
	Classification:	Garage Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
372	Name:	Mirofl (Uk) Ltd	NE	399	-	384820
	Location:	13,Blossom Street,Manchester,M4 5AF				398620
	Classification:	Catering Equipment				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
372	Name:	Spray Tech	NE	406	-	384860
	Location:	Ground Floor,16,Blossom Street,Manchester,M4 5AW				398590
	Classification:	Printers Textile				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
372	Name:	Influence Apparel	NE	406	-	384860
	Location:	Ground Floor,16,Blossom Street,Manchester,M4 5AW				398590
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
372	Name:	Freedia Fabrics Ltd	NE	406	-	384860
	Location:	Ground Floor,16,Blossom Street Manchester,Lancashire,M4 5AW				398590
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
372	Name:	Bhana Clothing	NE	406	-	384860
	Location:	Ground Floor,16,Blossom Street Manchester,Lancashire,M4 5AW				398590
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
372	Name:	Daisy Fashions	NE	406	-	384860
	Location:	16,Blossom Street,Manchester,Lancashire,M4 5AW				398590
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
373	Name:	Indesign (Uk) Ltd	E	395	-	384940
	Location:	104 Great Ancoats St,Manchester,M4 5BQ				398430
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
367	Name:	Seed Ceramics	N	345	-	384450
	Location:	Studio 14,Manchester Craft Centre,17,Oak Street,Manchester,Lancashire,M4 5JD				398660
	Classification:	Ceramic Manufacturers, Supplies & Services				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
368	Name:	Tariff Street Motors	E	344	-	384900
	Location:	43 Tariff St,Manchester,M1 2FF				398350
	Classification:	Garage Services				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
369	Name:	Presbar Diecastings Ltd	SE	359	-	384810
	Location:	Store Street,Manchester,M1 2WD				398050
	Classification:	Foundry Equipment & Supplies				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned in the proximity of the address				
	Contemporary Trade Directory Entries					
370	Name:	Unique Design Ltd	N	389	-	384580
	Location:	19-23,Swan Street,Manchester,M4 5JJ				398720
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
371	Name:	Van Kollem	E	389	-	384930
	Location:	Unit 4,Ducie House,37 Ducie St,Manchester,Lancashire,M1 2JW				398210
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
371	Name:	Baked Goods Distribution	E	390	-	384930
	Location:	Unit 201,Ducie House,37,Ducie Street,Manchester,M1 2JW				398210
	Classification:	Distribution Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
371	Name:	Tic Equipment (Europe)	E	390	-	384930
	Location:	Unit 215,Ducie House,37,Ducie Street,Manchester,Lancashire,M1 2JW				398210
	Classification:	Engineering Machine Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
371	Name:	Concept 3 Ltd	E	390	-	384930
	Location:	Unit 103,Ducie House,37,Ducie Street,Manchester,Lancashire,M1 2JW				398210
	Classification:	Glass Products - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
371	Name:	I B S Auto Engineers	E	392	-	384930
	Location:	Ducie St,Manchester,M1 2JW				398200
	Classification:	Mechanical Engineers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
365	Name:	Brucella Tait	NW	338	-	384370 398620
	Location:	First Floor,40,Thomas Street,Manchester,M4 1ER				
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
365	Name:	T J B Jewellery	NW	338	-	384370 398620
	Location:	First Floor,40,Thomas Street Manchester,M4 1ER				
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
365	Name:	Why Publications	NW	338	-	384370 398620
	Location:	40,Thomas Street,Manchester,Lancashire,M4 1ER				
	Classification:	Distribution Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
365	Name:	Mehta & Mehta Ltd	NW	343	-	384360 398620
	Location:	38,Thomas Street,Manchester,M4 1ER				
	Classification:	Children & Babywear - Manufacturers & Wholesalers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
365	Name:	M A R C Ltd	NW	349	-	384400 398650
	Location:	28-30,Edge Street,Manchester,M4 1HN				
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
365	Name:	Gyroscope Ltd	NW	368	-	384350 398640
	Location:	30-32,Thomas Street,Manchester,Lancashire,M4 1ER				
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
366	Name:	A & S Fashions	E	340	-	384890 398400
	Location:	Brownsfield Mill,Binns Place,Manchester,M4 5BP				
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
367	Name:	Taylor & Galvin	N	341	-	384430 398650
	Location:	46-48,Copperas Street,Manchester,M4 1HS				
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
367	Name:	Tracey Birchwood	N	344	-	384450 398660
	Location:	Manchester Craft Centre,Oak St,Manchester,Lancashire,M4 5JD				
	Classification:	Ceramic Manufacturers, Supplies & Services				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
360	Name:	R Jaffay	NE	317	-	384830
	Location:	63,Houldsworth Street,Manchester,M1 2ES				398480
	Classification:	Furniture Manufacturers - Home & Office				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
360	Name:	A Jaffay	NE	317	-	384830
	Location:	63,Houldsworth Street,Manchester,M1 2ES				398480
	Classification:	Furniture Manufacturers - Home & Office				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
361	Name:	Berwick Electronics	N	317	-	384560
	Location:	53,Tib Street,Manchester,M4 1LS				398650
	Classification:	Electrical Goods Sales, Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
362	Name:	Johnson Cleaners (Uk) Ltd	NW	323	-	384260
	Location:	24,High Street,Manchester,M4 1QB				398480
	Classification:	Dry Cleaners				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
363	Name:	Print-Wear Ltd	N	326	-	384590
	Location:	108 Tib Street,Manchester,Lancashire,M4 1LR				398650
	Classification:	Printers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
363	Name:	The White Peg Co	N	333	-	384590
	Location:	110-112,Tib Street,Manchester,M4 1LR				398660
	Classification:	Laundries & Launderettes				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
363	Name:	Diamond Trading Co	N	364	-	384620
	Location:	7-9,Swan Street,Manchester,M4 5JJ				398690
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
363	Name:	Marco Services Ltd	N	383	-	384590
	Location:	15-17,Swan Street,Manchester,M4 5JJ				398710
	Classification:	Freight Forwarders				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
364	Name:	Fine Shape (Clothing) Ltd	E	327	-	384870
	Location:	19a Ducie St,Ekr Ho,Manchester,M1 2JE				398210
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
355	Name:	G A Armstrong	SE	263	-	384740
	Location:	81,Dale Street,Manchester,M1 2HG				398120
	Classification:	Office Furniture & Equipment				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
356	Name:	Taylor Edwards & Co	W	272	-	384260
	Location:	Royal Buildings,2,Mosley Street,Manchester,Lancashire,M2 3AN				398340
	Classification:	Gas Companies				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
357	Name:	Manchester Printing Co Ltd	NE	274	-	384680
	Location:	75 Lever St,Manchester,Lancashire,M1 1FL				398570
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
358	Name:	New Deal Skates	NW	278	-	384390
	Location:	51 Turner St,Manchester,M4 1DN				398560
	Classification:	Leisure & Sportswear Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
358	Name:	True Brand International	NW	278	-	384390
	Location:	51,Turner Street,Manchester,Lancashire,M4 1DN				398560
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
358	Name:	Brookley Ltd	NW	286	-	384380
	Location:	43-45 Turner St,Manchester,M4 1DN				398560
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
358	Name:	Fashion Row Manchester Ltd	NW	286	-	384380
	Location:	43-45 Turner St,Manchester,M4 1DN				398560
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
359	Name:	James Darby	N	295	-	384440
	Location:	The Department Store,1-7,Oak Street,Manchester,Lancashire,M4 5JD				398510
	Classification:	Shirt Makers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
360	Name:	Bec Digital Ltd	NE	309	-	384800
	Location:	47,Houldsworth Street,Manchester,M1 2ES				398510
	Classification:	Photocopiers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries				
350	Name: Bermona Ltd Location: 12,Hilton Street,Manchester,M1 1JF Classification: Hats & Caps - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	N	153	-	384530 398480
	Contemporary Trade Directory Entries				
351	Name: Oblong Location: Aflex Palace,52,Church Street,Manchester,Lancashire,M4 1PW Classification: Abattoirs Status: Active Positional Accuracy: Manually positioned to the address or location	NW	170	-	384420 398450
	Contemporary Trade Directory Entries				
352	Name: Balfour Beatty Rail Ltd Location: 111 Piccadilly,Manchester,M1 2HY Classification: Railways Status: Active Positional Accuracy: Manually positioned to the address or location	SE	211	-	384650 398110
	Contemporary Trade Directory Entries				
352	Name: Piccadily Dry Cleaners Location: Unit B,Rodwell Tower,111 Piccadilly,Manchester,Lancashire,M1 2HY Classification: Dry Cleaners Status: Inactive Positional Accuracy: Manually positioned to the address or location	SE	211	-	384650 398110
	Contemporary Trade Directory Entries				
353	Name: Stephs Manufacturing Location: 66 Tib St,Manchester,M4 1LG Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	N	235	-	384520 398560
	Contemporary Trade Directory Entries				
353	Name: The Studio Copy Shop Location: 89-95,Oldham Street,Manchester,M4 1LW Classification: T-Shirts Status: Inactive Positional Accuracy: Automatically positioned to the address	N	237	-	384530 398570
	Contemporary Trade Directory Entries				
353	Name: T Shirt Xpress Location: 89-95,Oldham Street,Manchester,M4 1LW Classification: T-Shirts Status: Active Positional Accuracy: Automatically positioned to the address	N	237	-	384530 398570
	Contemporary Trade Directory Entries				
353	Name: Fern Audio Ltd Location: 70-72,Tib Street,Manchester,M4 1LG Classification: Sound Equipment Systems Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	N	245	-	384520 398570
	Contemporary Trade Directory Entries				
354	Name: Marco Trading Co Ltd Location: Marco House,Tariff Street,MANCHESTER,M1 2FF Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	E	256	-	384810 398390

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries				
346	Name: Zig Zag Clothing Ltd Location: 33,Dale Street,Manchester,Lancashire,M1 2HE Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	NE	86	-	384640 398350
	Contemporary Trade Directory Entries				
346	Name: City Recovery & Storage Location: 50,Newton Street,Manchester,Lancashire,M1 2EA Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	NE	110	-	384660 398370
	Contemporary Trade Directory Entries				
347	Name: Jogo Associates Ltd Location: 49-51,Dale Street,Manchester,M1 2HF Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	SE	128	-	384670 398260
	Contemporary Trade Directory Entries				
347	Name: Lanford Ltd Location: 30-32,Hilton Street,Manchester,M1 2EH Classification: Shirt Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	E	154	-	384710 398280
	Contemporary Trade Directory Entries				
348	Name: N S Fashion Location: 64-66,Dale Street,Manchester,Lancashire,M1 2HR Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	SE	130	-	384650 398210
	Contemporary Trade Directory Entries				
349	Name: Chowhan & Co Location: 14,Tariff Street,Manchester,M1 2FF Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	E	143	-	384700 398300
	Contemporary Trade Directory Entries				
349	Name: T D S Fashions Location: Second Floor,14,Tariff Street,Manchester,M1 2FF Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	E	143	-	384700 398300
	Contemporary Trade Directory Entries				
349	Name: Complete Processing Location: 14,Tariff Street,Manchester,Lancashire,M1 2FF Classification: Clothing & Fabrics - Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location	E	143	-	384700 398300
	Contemporary Trade Directory Entries				
349	Name: Style House Manchester Ltd Location: Ground Floor,Fourways House,16,Tariff Street,Manchester,Lancashire,M1 2FN Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	E	170	-	384730 398310

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
345	Name:	Guy Foam	NE	73	-	384600
	Location:	10,Little Lever Street,Manchester,M1 1HR				398380
	Classification:	Photo & Digital Imaging Bureaus				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
345	Name:	Alert 2 Media	NE	73	-	384580
	Location:	24,Lever Street,Manchester,Lancashire,M1 1DZ				398400
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
345	Name:	Ben Sherman	NE	81	-	384620
	Location:	47,Newton Street,Manchester,Lancashire,M1 1FT				398380
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
345	Name:	Phillips International	NE	104	-	384620
	Location:	Rutland House,18,Hilton Street,Manchester,Lancashire,M1 1FR				398400
	Classification:	Children & Babywear - Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
345	Name:	Daisy Fashions	NE	136	-	384650
	Location:	25,Hilton Street,Manchester,M1 1EL				398420
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
345	Name:	Moving Fashion Ltd	NE	149	-	384630
	Location:	11,Stevenson Square,Manchester,M1 1DB				398450
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
346	Name:	Mpg Ltd	E	85	-	384640
	Location:	Dale House,35,Dale Street,Manchester,Lancashire,M1 2HF				398310
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
346	Name:	Slack & Andrews	E	85	-	384640
	Location:	Dale House,35,Dale Street,Manchester,Lancashire,M1 2HF				398310
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
346	Name:	Bodyguard Clothing Ltd	E	86	-	384640
	Location:	33,Dale Street,Manchester,Lancashire,M1 2HE				398350
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site		Contact	NGR
	Contemporary Trade Directory Entries						
343	Name:	Watts Bros (Manchester) Ltd	N	37		-	384530
	Location:	20,Dale Street,Manchester,Lancashire,M1 1EZ					398360
	Classification:	Hats & Caps - Manufacturers					
	Status:	Inactive					
	Positional Accuracy:	Manually positioned to the address or location					
	Contemporary Trade Directory Entries						
343	Name:	La Vie Facile	N	37		-	384530
	Location:	20,Dale Street,Manchester,Lancashire,M1 1EZ					398360
	Classification:	Footwear Manufacturers & Wholesale					
	Status:	Active					
	Positional Accuracy:	Manually positioned to the address or location					
	Contemporary Trade Directory Entries						
343	Name:	Savage Designs Ltd	N	62		-	384560
	Location:	22,Lever Street,Manchester,M1 1EA					398390
	Classification:	Clothing & Fabrics - Manufacturers					
	Status:	Active					
	Positional Accuracy:	Automatically positioned in the proximity of the address					
	Contemporary Trade Directory Entries						
344	Name:	A Garstang & Co Ltd	SE	65		-	384610
	Location:	16,Newton Street,Manchester,M1 2AE					398280
	Classification:	Shirt Makers					
	Status:	Inactive					
	Positional Accuracy:	Automatically positioned to the address					
	Contemporary Trade Directory Entries						
344	Name:	Honeyhull Ltd	SE	60		-	384620
	Location:	56,Dale Street,Manchester,M1 2HN					398260
	Classification:	Clothing & Fabrics - Manufacturers					
	Status:	Inactive					
	Positional Accuracy:	Automatically positioned to the address					
	Contemporary Trade Directory Entries						
344	Name:	Uk Fashion Wear Ltd	SE	60		-	384620
	Location:	56,Dale Street,Manchester,M1 2HN					398260
	Classification:	Clothing & Fabrics - Manufacturers					
	Status:	Inactive					
	Positional Accuracy:	Automatically positioned to the address					
	Contemporary Trade Directory Entries						
344	Name:	Fashionpulse	SE	60		-	384620
	Location:	56,Dale Street,Manchester,Lancashire,M1 2HN					398260
	Classification:	Clothing & Fabrics - Manufacturers					
	Status:	Inactive					
	Positional Accuracy:	Manually positioned to the address or location					
	Contemporary Trade Directory Entries						
344	Name:	Iana Ltd	E	105		-	384660
	Location:	47,Dale Street,Manchester,M1 2HF					398280
	Classification:	Clothing & Fabrics - Manufacturers					
	Status:	Inactive					
	Positional Accuracy:	Automatically positioned to the address					
	Contemporary Trade Directory Entries						
345	Name:	Quayside Group	NE	72		-	384600
	Location:	10 Little Lever St,Manchester,M1 1HR					398380
	Classification:	Leisure & Sportswear Manufacturers & Wholesalers					
	Status:	Active					
	Positional Accuracy:	Manually positioned to the address or location					

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
342	Name:	P N H	S	12	-	384540
	Location:	St. Margarets Chambers,5,Newton Street,Manchester,Lancashire,M1 1HL				398290
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
342	Name:	Force C	S	13	-	384540
	Location:	5 Newton St,Manchester,M1 1HW				398290
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
342	Name:	Carr Manufacturing Co (Radcliffe) Ltd	SW	17	-	384530
	Location:	First Floor,Clayton House,59,Piccadilly,Manchester,M1 2AS				398290
	Classification:	Textile Manufacturing				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
342	Name:	Damp Aid	SW	17	-	384530
	Location:	Clayton House,59,Piccadilly,Manchester,M1 2AQ				398290
	Classification:	Damp & Dry Rot Control				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
342	Name:	Kane Contracts Ltd	SW	17	-	384530
	Location:	Third Floor,Clayton House,59 Piccadilly,Manchester,M1 2AQ				398290
	Classification:	Cleaning Services - Commercial				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
342	Name:	Max Spielmann	S	34	-	384530
	Location:	63,Piccadilly,Manchester,Lancashire,M1 2AG				398270
	Classification:	Photographic Processors				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
342	Name:	John Addley Ltd	SW	35	-	384520
	Location:	Clayton House,59,Piccadilly,Manchester,Lancashire,M1 2AQ				398280
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
342	Name:	Trust Medical	SW	35	-	384520
	Location:	Clayton House,59,Piccadilly,Manchester,Lancashire,M1 2AQ				398280
	Classification:	Medical Equipment Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
343	Name:	Eric Brownbill Fashion Agencies	N	38	-	384530
	Location:	20,Dale Street,Manchester,Lancashire,M1 1EZ				398360
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards				
	Description: No Hazard	-	-	-	-
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low	-	0	5	384540
	Source: British Geological Survey, National Geoscience Information Service				398320
	Potential for Running Sand Ground Stability Hazards				
	Hazard Potential: Very Low	-	0	5	384540
	Source: British Geological Survey, National Geoscience Information Service				398320
	Potential for Shrinking or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Very Low	-	0	5	384540
	Source: British Geological Survey, National Geoscience Information Service				398320
	Mining Instability				
	Mining Evidence: Inconclusive Coal Mining	-	0	-	384540
	Source: Ove Arup & Partners				398320
	Boundary Quality: As Supplied				
	Radon Affected Areas				
	Description: Less than 1% of homes are above the Action Level	-	0	7	384540
	Source: Health Protection Agency				398320
	Radon Protection Measures				
	Type: No radon protective measures are necessary in the construction of new dwellings or extensions	-	0	5	384540 398320
	Source: British Geological Survey, National Geoscience Information Service				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
328	BGS Reference:	Sj89nw107	S	967	5	384180
	Drilled Length (m):	8.84				397410
	Borehole Name:	Manchester Corp. K.Sewer				
	BGS Boreholes					
328	BGS Reference:	Sj89nw1223	S	968	5	384170
	Drilled Length (m):	Not Supplied				397410
	Borehole Name:	Lower Mediock Ucsd'S Contract 1 Man 0342 505				
	BGS Boreholes					
329	BGS Reference:	Sj89nw572	SW	970	5	383810
	Drilled Length (m):	3				397650
	Borehole Name:	Gt Bridgewater St Tp 111				
	BGS Boreholes					
329	BGS Reference:	Sj89nw570	SW	991	5	383800
	Drilled Length (m):	3				397640
	Borehole Name:	Gt Bridgewater St Tp 109				
	BGS Boreholes					
329	BGS Reference:	Sj89nw553	SW	992	5	383790
	Drilled Length (m):	30				397650
	Borehole Name:	Gt Bridgewater St Bh 107				
	BGS Boreholes					
329	BGS Reference:	Sj89nw569	SW	999	5	383780
	Drilled Length (m):	4				397650
	Borehole Name:	Gt Bridgewater St Tp 108				
	BGS Boreholes					
330	BGS Reference:	Sj89ne582	SE	971	5	385380
	Drilled Length (m):	5.79				397800
	Borehole Name:	Manchester Parcels Office 5				
	BGS Boreholes					
331	BGS Reference:	Sj89nw460	SW	976	5	383640
	Drilled Length (m):	Not Supplied				397910
	Borehole Name:	Festival Marketplace Stg 2 Bhs				
	BGS Boreholes					
331	BGS Reference:	Sj89nw614	SW	980	5	383640
	Drilled Length (m):	Not Supplied				397900
	Borehole Name:	Festival Marketplace Tp 2/1				
	BGS Boreholes					
332	BGS Reference:	Sj89nw500	NW	981	5	384110
	Drilled Length (m):	3.5				399210
	Borehole Name:	Manchester Inn. Relief Road 6				
	BGS Boreholes					
332	BGS Reference:	Sj89nw499	NW	999	5	384090
	Drilled Length (m):	8				399220
	Borehole Name:	Manchester Inn. Relief Road 5				
	BGS Boreholes					
333	BGS Reference:	Sj89nw3674	SW	981	5	383910
	Drilled Length (m):	Not Supplied				397650
	Borehole Name:	Hydraulic Power Supply Station Whitworth Street 1				
	BGS Boreholes					
333	BGS Reference:	Sj89nw3675	SW	981	5	383910
	Drilled Length (m):	Not Supplied				397550
	Borehole Name:	Hydraulic Power Supply Station Whitworth Street 2				
	BGS Boreholes					
333	BGS Reference:	Sj89nw3676	SW	981	5	383910
	Drilled Length (m):	Not Supplied				397550
	Borehole Name:	Hydraulic Power Supply Station Whitworth Street 3				
	BGS Boreholes					
333	BGS Reference:	Sj89nw3677	SW	981	5	383910
	Drilled Length (m):	Not Supplied				397550
	Borehole Name:	Hydraulic Power Supply Station Whitworth Street 4				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
325	BGS Reference:	Sj89nw500	SW	962	5	383680
	Drilled Length (m):	Not Supplied				397860
	Borehole Name:	Festival Marketplace Bh 2/1				
	BGS Boreholes					
325	BGS Reference:	Sj89nw461	SW	967	5	383680
	Drilled Length (m):	Not Supplied				397850
	Borehole Name:	Festival Marketplace Stg 2 Bhb				
	BGS Boreholes					
325	BGS Reference:	Sj89nw617	SW	976	5	383660
	Drilled Length (m):	Not Supplied				397830
	Borehole Name:	Festival Marketplace Tp 2/4				
	BGS Boreholes					
325	BGS Reference:	Sj89nw236	SW	979	5	383670
	Drilled Length (m):	12.8				397840
	Borehole Name:	Central Station				
	BGS Boreholes					
325	BGS Reference:	Sj89nw616	SW	984	5	383650
	Drilled Length (m):	Not Supplied				397870
	Borehole Name:	Festival Marketplace Tp 2/3				
	BGS Boreholes					
326	BGS Reference:	Sj89nw1121	W	966	5	383600
	Drilled Length (m):	Not Supplied				398050
	Borehole Name:	Deansgate/Jacksons Row 1				
	BGS Boreholes					
326	BGS Reference:	Sj89nw3737	W	966	5	383590
	Drilled Length (m):	5				398090
	Borehole Name:	Lloyd Street/Hardman Street Sewer Rep., Scheme Bh 3				
	BGS Boreholes					
326	BGS Reference:	Sj89nw65	W	994	5	383570
	Drilled Length (m):	12.8				398070
	Borehole Name:	Manchester Corp. Deansgate				
	BGS Boreholes					
326	BGS Reference:	Sj89nw1122	W	995	5	383570
	Drilled Length (m):	Not Supplied				398050
	Borehole Name:	Deansgate/Jacksons Row 2				
	BGS Boreholes					
327	BGS Reference:	Sj89nw1638	N	968	5	384320
	Drilled Length (m):	Not Supplied				399270
	Borehole Name:	Roger Street Manchester Tp 3				
	BGS Boreholes					
327	BGS Reference:	Sj89nw1652	N	977	5	384360
	Drilled Length (m):	Not Supplied				399290
	Borehole Name:	Roger Street Manchester Tp 17				
	BGS Boreholes					
327	BGS Reference:	Sj89nw1650	N	990	5	384300
	Drilled Length (m):	Not Supplied				399290
	Borehole Name:	Roger Street Manchester Tp 15				
	BGS Boreholes					
327	BGS Reference:	Sj89nw1643	N	991	5	384340
	Drilled Length (m):	Not Supplied				399300
	Borehole Name:	Roger Street Manchester Tp 8				
	BGS Boreholes					
327	BGS Reference:	Sj89nw1632	N	995	5	384320
	Drilled Length (m):	Not Supplied				399300
	Borehole Name:	Roger Street Manchester 4				
	BGS Boreholes					
327	BGS Reference:	Sj89nw202	N	997	5	384320
	Drilled Length (m):	106.68				399300
	Borehole Name:	Clemson & Co. Back Foundry Street Red Bank				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
318	BGS Reference:	Sj89nw1493	SW	942	5	383900
	Drilled Length (m):	Not Supplied				397610
	Borehole Name:	Great Bridgewater Street 6				
	BGS Boreholes					
319	BGS Reference:	Sj89ne584	SE	944	5	385300
	Drilled Length (m):	4.42				397730
	Borehole Name:	Manchester Parcels Office 7				
	BGS Boreholes					
319	BGS Reference:	Sj89ne925	SE	954	5	385320
	Drilled Length (m):	4.88				397740
	Borehole Name:	Manchester Parcels Office				
	BGS Boreholes					
319	BGS Reference:	Sj89ne581	SE	959	5	385340
	Drilled Length (m):	4.88				397760
	Borehole Name:	Manchester Parcels Office 4				
	BGS Boreholes					
320	BGS Reference:	Sj89ne695	E	947	5	385500
	Drilled Length (m):	8.08				398210
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 4				
	BGS Boreholes					
321	BGS Reference:	Sj89nw3773	W	951	5	383580
	Drilled Length (m):	6.95				398340
	Borehole Name:	King Street West, Sewer Renewal Scheme Bh 4				
	BGS Boreholes					
322	BGS Reference:	Sj89nw577	SW	953	5	383790
	Drilled Length (m):	2				397710
	Borehole Name:	Gt Bridgewater St Tp 116				
	BGS Boreholes					
322	BGS Reference:	Sj89nw574	SW	956	5	383820
	Drilled Length (m):	3				397670
	Borehole Name:	Gt Bridgewater St Tp 113				
	BGS Boreholes					
322	BGS Reference:	Sj89nw556	SW	964	5	383800
	Drilled Length (m):	9				397680
	Borehole Name:	Gt Bridgewater St Bh 110				
	BGS Boreholes					
322	BGS Reference:	Sj89nw571	SW	971	5	383800
	Drilled Length (m):	2				397670
	Borehole Name:	Gt Bridgewater St Tp 110				
	BGS Boreholes					
322	BGS Reference:	Sj89nw1490	SW	990	5	383750
	Drilled Length (m):	Not Supplied				397700
	Borehole Name:	Great Bridgewater Street 3				
	BGS Boreholes					
323	BGS Reference:	Sj89nw3529	W	955	5	383630
	Drilled Length (m):	Not Supplied				397990
	Borehole Name:	Booth Street Sewer Renewal Scheme 2				
	BGS Boreholes					
323	BGS Reference:	Sj89nw1123	W	984	5	383590
	Drilled Length (m):	Not Supplied				398020
	Borehole Name:	Deansgate/Jacksons Row 3				
	BGS Boreholes					
324	BGS Reference:	Sj89ne177	NE	962	5	385240
	Drilled Length (m):	12.19				399000
	Borehole Name:	Rodney Street Development 2				
	BGS Boreholes					
324	BGS Reference:	Sj89ne178	NE	969	5	385230
	Drilled Length (m):	30.48				399020
	Borehole Name:	Rodney Street Development 3				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
312	BGS Reference:	Sj89nw2769	NW	920	5	383750
	Drilled Length (m):	Not Supplied				398800
	Borehole Name:	Sewer Renovations/Renewals Chapel Street Salford 23				
	BGS Boreholes					
312	BGS Reference:	Sj89nw2766	NW	946	5	383720
	Drilled Length (m):	Not Supplied				398800
	Borehole Name:	Sewer Renovations/Renewals Chapel Street Salford 22				
	BGS Boreholes					
313	BGS Reference:	Sj89nw54	N	932	5	384220
	Drilled Length (m):	5.79				399210
	Borehole Name:	Manchester Corp. H.Sewer				
	BGS Boreholes					
313	BGS Reference:	Sj89nw53	N	955	5	384210
	Drilled Length (m):	5.79				399230
	Borehole Name:	Manchester Corp. H.Sewer				
	BGS Boreholes					
314	BGS Reference:	Sj89nw9	S	933	5	384560
	Drilled Length (m):	8.23				397370
	Borehole Name:	Manchester Corp. South Of London Road Station				
	BGS Boreholes					
314	BGS Reference:	Sj89nw332	S	949	5	384560
	Drilled Length (m):	8.53				397350
	Borehole Name:	Mancunian Way, Bh.No.11				
	BGS Boreholes					
314	BGS Reference:	Sj89nw8	S	967	5	384550
	Drilled Length (m):	9.45				397330
	Borehole Name:	Manchester Corp. South Of London Road Station				
	BGS Boreholes					
315	BGS Reference:	Sj89nw300	NW	934	5	383690
	Drilled Length (m):	23.16				398710
	Borehole Name:	Min Of Works, Dial House Chapel Street Salford				
	BGS Boreholes					
315	BGS Reference:	Sj89nw209	NW	936	5	383680
	Drilled Length (m):	60.66				398710
	Borehole Name:	Sharp & Galloway Chapel Street				
	BGS Boreholes					
315	BGS Reference:	Sj89nw2767	NW	947	5	383690
	Drilled Length (m):	Not Supplied				398750
	Borehole Name:	Sewer Renovations/Renewals Chapel Street Salford 20				
	BGS Boreholes					
315	BGS Reference:	Sj89nw2766	NW	965	5	383660
	Drilled Length (m):	Not Supplied				398730
	Borehole Name:	Sewer Renovations/Renewals Chapel Street Salford 19				
	BGS Boreholes					
316	BGS Reference:	Sj89nw3273	SW	939	5	384110
	Drilled Length (m):	Not Supplied				397470
	Borehole Name:	Oxford Road Station Manchester Ob				
	BGS Boreholes					
316	BGS Reference:	Sj89nw245	SW	971	5	384120
	Drilled Length (m):	Not Supplied				397430
	Borehole Name:	Dunlop Rubber & Co, 2 Cambridge Street				
	BGS Boreholes					
317	BGS Reference:	Sj89nw2031	SE	941	5	384870
	Drilled Length (m):	Not Supplied				397460
	Borehole Name:	Lower Medlock Ucso'S C/1 Site 0308 525a				
	BGS Boreholes					
317	BGS Reference:	Sj89ne911	SE	963	5	385000
	Drilled Length (m):	Not Supplied				397450
	Borehole Name:	Lower Medlock Ecso'S C/1 Site 0308 525b				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
307	BGS Reference:	Sj89nw3523	W	916	5	383630
	Drilled Length (m):	6.65				398140
	Borehole Name:	Brazennose Street 2				
	BGS Boreholes					
307	BGS Reference:	Sj89nw3516	W	922	5	383620
	Drilled Length (m):	15				398160
	Borehole Name:	Brazennose Street/John Dalton Street 1				
	BGS Boreholes					
307	BGS Reference:	Sj89nw3522	W	936	5	383610
	Drilled Length (m):	5.85				398140
	Borehole Name:	Brazennose Street 1				
	BGS Boreholes					
308	BGS Reference:	Sj89ne583	SE	917	5	385330
	Drilled Length (m):	6.4				397820
	Borehole Name:	Manchester Parcels Office 6				
	BGS Boreholes					
308	BGS Reference:	Sj89ne926	SE	940	5	385350
	Drilled Length (m):	5.79				397810
	Borehole Name:	Manchester Parcels Office				
	BGS Boreholes					
309	BGS Reference:	Sj89nw248	S	917	5	384450
	Drilled Length (m):	76.5				397390
	Borehole Name:	Dunlop Rubber Co, Brook Street 2				
	BGS Boreholes					
310	BGS Reference:	Sj89nw239	SW	920	5	383760
	Drilled Length (m):	17.07				397810
	Borehole Name:	Central Station				
	BGS Boreholes					
311	BGS Reference:	Sj89nw1524	W	920	5	383630
	Drilled Length (m):	Not Supplied				398500
	Borehole Name:	Personage 3				
	BGS Boreholes					
311	BGS Reference:	Sj89nw1525	W	947	5	383600
	Drilled Length (m):	Not Supplied				398490
	Borehole Name:	Personage 4				
	BGS Boreholes					
311	BGS Reference:	Sj89nw215/D	W	957	5	383590
	Drilled Length (m):	6.71				398490
	Borehole Name:	R Neill Riverside Personage 4				
	BGS Boreholes					
311	BGS Reference:	Sj89nw3628	W	957	5	383590
	Drilled Length (m):	1.07				398490
	Borehole Name:	R Neill Riverside Personage 1				
	BGS Boreholes					
311	BGS Reference:	Sj89nw3628	W	957	5	383590
	Drilled Length (m):	7.32				398490
	Borehole Name:	R Neill Riverside Personage 3				
	BGS Boreholes					
311	BGS Reference:	Sj89nw3529	W	957	5	383590
	Drilled Length (m):	6.71				398490
	Borehole Name:	R Neill Riverside Personage 4				
	BGS Boreholes					
311	BGS Reference:	Sj89nw3630	W	957	5	383590
	Drilled Length (m):	5.18				398490
	Borehole Name:	R Neill Riverside Personage 5				
	BGS Boreholes					
311	BGS Reference:	Sj89nw3527	W	957	5	383590
	Drilled Length (m):	1.07				398490
	Borehole Name:	R Neill Riverside Personage 2				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
304	BGS Reference:	Sj89nw70	NW	913	5	383850
	Drilled Length (m):	5.49				398930
	Borehole Name:	Manchester Corp. G.Sewer				
	BGS Boreholes					
304	BGS Reference:	Sj89nw1457	NW	917	5	383870
	Drilled Length (m):	Not Supplied				398950
	Borehole Name:	Manchester G Sewer 7a				
	BGS Boreholes					
304	BGS Reference:	Sj89nw1469	NW	924	5	383860
	Drilled Length (m):	Not Supplied				398950
	Borehole Name:	Manchester G Sewer 7				
	BGS Boreholes					
304	BGS Reference:	Sj89nw71	NW	927	5	383860
	Drilled Length (m):	5.33				398950
	Borehole Name:	Manchester Corp. G.Sewer				
	BGS Boreholes					
305	BGS Reference:	Sj89nw1456	NW	905	5	383850
	Drilled Length (m):	Not Supplied				398910
	Borehole Name:	Manchester G Sewer 6a1/A2				
	BGS Boreholes					
306	BGS Reference:	Sj89nw579	SW	908	5	383840
	Drilled Length (m):	0				397720
	Borehole Name:	Gt Bridgewater St Tp 118				
	BGS Boreholes					
306	BGS Reference:	Sj89nw1134	SW	928	5	383840
	Drilled Length (m):	Not Supplied				397690
	Borehole Name:	Great Bridgewater Street 204				
	BGS Boreholes					
306	BGS Reference:	Sj89nw1142	SW	928	5	383840
	Drilled Length (m):	Not Supplied				397690
	Borehole Name:	Great Bridgewater Street Tp205				
	BGS Boreholes					
306	BGS Reference:	Sj89nw1133	SW	931	5	383810
	Drilled Length (m):	Not Supplied				397720
	Borehole Name:	Great Bridgewater Street 203				
	BGS Boreholes					
306	BGS Reference:	Sj89nw575	SW	935	5	383840
	Drilled Length (m):	2				397680
	Borehole Name:	Gt Bridgewater St Tp 114				
	BGS Boreholes					
306	BGS Reference:	Sj89nw576	SW	937	5	383810
	Drilled Length (m):	2				397710
	Borehole Name:	Gt Bridgewater St Tp 115				
	BGS Boreholes					
306	BGS Reference:	Sj89nw1139	SW	937	5	383810
	Drilled Length (m):	Not Supplied				397710
	Borehole Name:	Great Bridgewater Street Tp203				
	BGS Boreholes					
306	BGS Reference:	Sj89nw547	SW	952	5	383800
	Drilled Length (m):	15				397700
	Borehole Name:	Gt Bridgewater St Bh 102				
	BGS Boreholes					
306	BGS Reference:	Sj89nw587	SW	957	5	383810
	Drilled Length (m):	3				397680
	Borehole Name:	Gt Bridgewater St Tp 126				
	BGS Boreholes					
306	BGS Reference:	Sj89nw573	SW	958	5	383800
	Drilled Length (m):	3				397690
	Borehole Name:	Gt Bridgewater St Tp 112				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
299	BGS Reference:	Sj89nw1137	SW	904	5	383820
	Drilled Length (m):	Not Supplied				397750
	Borehole Name:	Great Bridgewater Street Tp201				
	BGS Boreholes					
299	BGS Reference:	Sj89nw546	SW	904	5	383820
	Drilled Length (m):	25				397750
	Borehole Name:	Gt Bridgewater St Bh 101				
	BGS Boreholes					
299	BGS Reference:	Sj89nw559	SW	909	5	383830
	Drilled Length (m):	24				397730
	Borehole Name:	Gt Bridgewater St Bh 113				
	BGS Boreholes					
299	BGS Reference:	Sj89nw578	SW	925	5	383810
	Drilled Length (m):	3				397730
	Borehole Name:	Gt Bridgewater St Tp 117				
	BGS Boreholes					
299	BGS Reference:	Sj89nw1138	SW	926	5	383800
	Drilled Length (m):	Not Supplied				397740
	Borehole Name:	Great Bridgewater Street Tp202				
	BGS Boreholes					
299	BGS Reference:	Sj89nw1131	SW	934	5	383760
	Drilled Length (m):	Not Supplied				397740
	Borehole Name:	Great Bridgewater Street 201				
	BGS Boreholes					
300	BGS Reference:	Sj89nw108	S	891	5	384240
	Drilled Length (m):	6.71				397470
	Borehole Name:	Manchester Corp. K.Sewer				
	BGS Boreholes					
301	BGS Reference:	Sj89nw2026	S	898	5	384690
	Drilled Length (m):	Not Supplied				397470
	Borehole Name:	Lower Medlock Ucso'S C/1 Site 0305 227				
	BGS Boreholes					
301	BGS Reference:	Sj89nw2028	SE	902	5	384900
	Drilled Length (m):	Not Supplied				397470
	Borehole Name:	Lower Medlock Ucso'S C/1 Site 0308 522				
	BGS Boreholes					
301	BGS Reference:	Sj89nw2029	SE	923	5	384930
	Drilled Length (m):	Not Supplied				397460
	Borehole Name:	Lower Medlock Ucso'S C/1 Site 0308 523				
	BGS Boreholes					
302	BGS Reference:	Sj89nw3736	W	900	5	383660
	Drilled Length (m):	6.5				398080
	Borehole Name:	Lloyd Street/Hardman Street Sewer Rep., Scheme Bh 2				
	BGS Boreholes					
302	BGS Reference:	Sj89nw534	W	920	5	383630
	Drilled Length (m):	7.1				398120
	Borehole Name:	Brazennose St Manchest' 5/5a				
	BGS Boreholes					
303	BGS Reference:	Sj89ne651	NE	901	5	385150
	Drilled Length (m):	12				399000
	Borehole Name:	Cluster 12 Oldham Road Manchester 1				
	BGS Boreholes					
304	BGS Reference:	Sj89nw1425	NW	902	5	383890
	Drilled Length (m):	Not Supplied				398950
	Borehole Name:	Victoria Station Area Sewers 2				
	BGS Boreholes					
304	BGS Reference:	Sj89nw1468	NW	904	5	383860
	Drilled Length (m):	Not Supplied				398920
	Borehole Name:	Manchester G Sewer 6				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
294	BGS Reference:	Sj89nw3772	W	890	5	383840
	Drilled Length (m):	7.15				398330
	Borehole Name:	King Street West, Sewer Renewal Scheme Bh 3				
	BGS Boreholes					
295	BGS Reference:	Sj89nw1522	W	880	5	383650
	Drilled Length (m):	Not Supplied				398540
	Borehole Name:	Parsonage 1				
	BGS Boreholes					
295	BGS Reference:	Sj89nw1523	W	914	5	383640
	Drilled Length (m):	Not Supplied				398520
	Borehole Name:	Parsonage 2				
	BGS Boreholes					
296	BGS Reference:	Sj89nw1426	NW	881	5	383950
	Drilled Length (m):	Not Supplied				398980
	Borehole Name:	Victoria Station Area Sewers 3				
	BGS Boreholes					
296	BGS Reference:	Sj89nw1427	NW	883	5	383970
	Drilled Length (m):	Not Supplied				399000
	Borehole Name:	Victoria Station Area Sewers 4				
	BGS Boreholes					
297	BGS Reference:	Sj89nw10	S	881	5	384620
	Drilled Length (m):	7.92				397420
	Borehole Name:	Manchester Corp. South Of London Road Station				
	BGS Boreholes					
298	BGS Reference:	Sj89nw3521	W	882	5	383650
	Drilled Length (m):	15				398250
	Borehole Name:	Brazennose Street/John Dalton Street 6				
	BGS Boreholes					
298	BGS Reference:	Sj89nw3298	W	902	5	383630
	Drilled Length (m):	13.72				398260
	Borehole Name:	Manchester Crown Building No 79				
	BGS Boreholes					
299	BGS Reference:	Sj89nw1132	SW	884	5	383830
	Drilled Length (m):	Not Supplied				397770
	Borehole Name:	Great Bridgewater Street 202				
	BGS Boreholes					
299	BGS Reference:	Sj89nw581	SW	887	5	383850
	Drilled Length (m):	2				397740
	Borehole Name:	Gt Bridgewater St Tp 120				
	BGS Boreholes					
299	BGS Reference:	Sj89nw1140	SW	890	5	383830
	Drilled Length (m):	Not Supplied				397760
	Borehole Name:	Great Bridgewater Street Tp204				
	BGS Boreholes					
299	BGS Reference:	Sj89nw1141	SW	894	5	383850
	Drilled Length (m):	Not Supplied				397780
	Borehole Name:	Great Bridgewater Street Tp205				
	BGS Boreholes					
299	BGS Reference:	Sj89nw580	SW	897	5	383830
	Drilled Length (m):	2				397750
	Borehole Name:	Gt Bridgewater St Tp 119				
	BGS Boreholes					
299	BGS Reference:	Sj89nw560	SW	903	5	383830
	Drilled Length (m):	28				397740
	Borehole Name:	Gt Bridgewater St Bh 114				
	BGS Boreholes					
299	BGS Reference:	Sj89nw3270	SW	903	5	383830
	Drilled Length (m):	12				397740
	Borehole Name:	Great Bridgewater Offices				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
293	BGS Reference:	SJ89nw582	SW	885	5	383870 397720
	Drilled Length (m):	3				
	Borehole Name:	Gt Bridgewater St Tp 121				
	BGS Boreholes					
293	BGS Reference:	SJ89nw558	SW	886	5	383860 397730
	Drilled Length (m):	25				
	Borehole Name:	Gt Bridgewater St Bh 112				
	BGS Boreholes					
293	BGS Reference:	SJ89nw561	SW	891	5	383890 397690
	Drilled Length (m):	27				
	Borehole Name:	Gt Bridgewater St Bh 115				
	BGS Boreholes					
293	BGS Reference:	SJ89nw1144	SW	892	5	383870 397710
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Great Bridgewater Street Tp208				
	BGS Boreholes					
293	BGS Reference:	SJ89nw1146	SW	898	5	383880 397690
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Great Bridgewater Street Tp210				
	BGS Boreholes					
293	BGS Reference:	SJ89nw3271	SW	898	5	383890 397680
	Drilled Length (m):	8.5				
	Borehole Name:	Great Bridgewater Offices				
	BGS Boreholes					
293	BGS Reference:	SJ89nw583	SW	899	5	383870 397700
	Drilled Length (m):	3				
	Borehole Name:	Gt Bridgewater St Tp 122				
	BGS Boreholes					
293	BGS Reference:	SJ89nw551	SW	912	5	383880 397670
	Drilled Length (m):	25				
	Borehole Name:	Gt Bridgewater St Bh 105				
	BGS Boreholes					
293	BGS Reference:	SJ89nw584	SW	913	5	383870 397680
	Drilled Length (m):	3				
	Borehole Name:	Gt Bridgewater St Tp 123				
	BGS Boreholes					
293	BGS Reference:	SJ89nw588	SW	913	5	383860 397690
	Drilled Length (m):	3				
	Borehole Name:	Gt Bridgewater St Tp 127				
	BGS Boreholes					
293	BGS Reference:	SJ89nw1145	SW	913	5	383870 397680
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Great Bridgewater Street Tp209				
	BGS Boreholes					
293	BGS Reference:	SJ89nw548	SW	914	5	383850 397700
	Drilled Length (m):	25				
	Borehole Name:	Gt Bridgewater St Bh 103				
	BGS Boreholes					
293	BGS Reference:	SJ89nw1136	SW	920	5	383860 397680
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Great Bridgewater Street 205				
	BGS Boreholes					
294	BGS Reference:	SJ89nw1455	W	860	5	383650 398320
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Manchester Deansgate Sewer 5				
	BGS Boreholes					
294	BGS Reference:	SJ89nw64	W	866	5	383650 398280
	Drilled Length (m):	13.72				
	Borehole Name:	Manchester Corp. Deansgate				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
286	BGS Reference:	SJ89ne1391	SE	880	5	385080
	Drilled Length (m):	108.64				397600
	Borehole Name:	Hoyle Mayfield Print Works				
	BGS Boreholes					
287	BGS Reference:	SJ89ne704	NE	859	5	385000
	Drilled Length (m):	9.29				399050
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 23				
	BGS Boreholes					
288	BGS Reference:	SJ89nw1454	W	863	5	383670
	Drilled Length (m):	Not Supplied				398360
	Borehole Name:	Manchester Deansgate Sewer 4				
	BGS Boreholes					
288	BGS Reference:	SJ89nw3299	W	891	5	383640
	Drilled Length (m):	12.19				398360
	Borehole Name:	Manchester Crown Building No Km				
	BGS Boreholes					
289	BGS Reference:	SJ89ne585	SE	868	5	385220
	Drilled Length (m):	Not Supplied				397750
	Borehole Name:	Manchester Parcels Office 8				
	BGS Boreholes					
289	BGS Reference:	SJ89ne922	SE	878	5	385240
	Drilled Length (m):	7.32				397760
	Borehole Name:	Manchester Parcels Office				
	BGS Boreholes					
289	BGS Reference:	SJ89ne578	SE	884	5	385240
	Drilled Length (m):	7.32				397750
	Borehole Name:	Manchester Parcels Office 1				
	BGS Boreholes					
290	BGS Reference:	SJ89nw55	N	872	5	384240
	Drilled Length (m):	7.92				399150
	Borehole Name:	Manchester Corp. H.Sewer				
	BGS Boreholes					
291	BGS Reference:	SJ89nw3277	N	872	5	384310
	Drilled Length (m):	Not Supplied				399170
	Borehole Name:	Crown Lane Manchester Ob				
	BGS Boreholes					
292	BGS Reference:	SJ89nw3530	W	875	5	383720
	Drilled Length (m):	Not Supplied				397980
	Borehole Name:	Booth Street Sewer Renewal Scheme 3				
	BGS Boreholes					
293	BGS Reference:	SJ89nw585	SW	877	5	383900
	Drilled Length (m):	3				397700
	Borehole Name:	Gt Bridgewater St Tp 124				
	BGS Boreholes					
293	BGS Reference:	SJ89nw1138	SW	884	5	383890
	Drilled Length (m):	Not Supplied				397700
	Borehole Name:	Great Bridgewater Street 206				
	BGS Boreholes					
293	BGS Reference:	SJ89nw549	SW	885	5	383880
	Drilled Length (m):	22				397710
	Borehole Name:	Gt Bridgewater St Bh 104				
	BGS Boreholes					
293	BGS Reference:	SJ89nw550	SW	885	5	383880
	Drilled Length (m):	5				397710
	Borehole Name:	Gt Bridgewater St Bh 104a				
	BGS Boreholes					
293	BGS Reference:	SJ89nw1143	SW	885	5	383870
	Drilled Length (m):	Not Supplied				397720
	Borehole Name:	Great Bridgewater Street Tp207				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
280	BGS Reference:	Sj89nw533	W	859	5	383690
	Drilled Length (m):	9.1				398130
	Borehole Name:	Brazennose St Manchester 4				
	BGS Boreholes					
280	BGS Reference:	Sj89nw3517	W	877	5	383670
	Drilled Length (m):	6				398140
	Borehole Name:	Brazennose Street/John Dalton Street 2				
	BGS Boreholes					
280	BGS Reference:	Sj89nw535	W	885	5	383670
	Drilled Length (m):	7.7				398100
	Borehole Name:	Brazennose St Manchester 6				
	BGS Boreholes					
281	BGS Reference:	Sj89ne34	E	843	5	385350
	Drilled Length (m):	21.34				398030
	Borehole Name:	Manchester Corp. Great Ancoats Street				
	BGS Boreholes					
282	BGS Reference:	Sj89nw2030	SE	848	5	384880
	Drilled Length (m):	Not Supplied				397520
	Borehole Name:	Lower Medlock Ucso'S C/1 Site 0308 525				
	BGS Boreholes					
282	BGS Reference:	Sj89nw333	S	858	5	384860
	Drilled Length (m):	6.1				397500
	Borehole Name:	Mancunian Way, Bh No.12				
	BGS Boreholes					
282	BGS Reference:	Sj89nw2027	SE	865	5	384900
	Drilled Length (m):	Not Supplied				397510
	Borehole Name:	Lower Medlock Ucso'S C/1 Site 0308 520				
	BGS Boreholes					
283	BGS Reference:	Sj89nw1452	W	848	5	383690
	Drilled Length (m):	Not Supplied				398430
	Borehole Name:	Manchester Deansgate Sewer 2				
	BGS Boreholes					
284	BGS Reference:	Sj89nw247	S	849	5	384440
	Drilled Length (m):	63.55				397460
	Borehole Name:	Dunlop Rubber Co, Brook Street				
	BGS Boreholes					
285	BGS Reference:	Sj89ne924	SE	856	5	385250
	Drilled Length (m):	9.14				397810
	Borehole Name:	Manchester Parcels Office				
	BGS Boreholes					
285	BGS Reference:	Sj89ne560	SE	859	5	385260
	Drilled Length (m):	9.14				397820
	Borehole Name:	Manchester Parcels Office 3				
	BGS Boreholes					
285	BGS Reference:	Sj89ne927	SE	884	5	385290
	Drilled Length (m):	6.4				397820
	Borehole Name	Manchester Parcels Office				
	BGS Boreholes					
286	BGS Reference:	Sj89ne1388	SE	858	5	385070
	Drilled Length (m):	160.27				397620
	Borehole Name:	Hoyle Mayfield Print Works				
	BGS Boreholes					
286	BGS Reference:	Sj89ne1389	SE	858	5	385070
	Drilled Length (m):	53.04				397620
	Borehole Name:	Hoyle Mayfield Print Works				
	BGS Boreholes					
286	BGS Reference:	Sj89ne1390	SE	858	5	385070
	Drilled Length (m):	73.15				397620
	Borehole Name:	Hoyle Mayfield Print Works				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
271	BGS Reference:	Sj89nw1428	NW	817	5	383980
	Drilled Length (m):	Not Supplied				398920
	Borehole Name:	Victoria Station Area Sewers 5				
	BGS Boreholes					
272	BGS Reference:	Sj89nw3735	W	819	5	383750
	Drilled Length (m):	5				398060
	Borehole Name:	Lloyd Street/Hardman Street Sewer Rep., Scheme Bh 1				
	BGS Boreholes					
273	BGS Reference:	Sj89nw3776	W	821	5	383710
	Drilled Length (m):	5.82				398280
	Borehole Name:	Main Drainage, King Street South Bh 2				
	BGS Boreholes					
273	BGS Reference:	Sj89nw3775	W	851	5	383680
	Drilled Length (m):	6				398280
	Borehole Name:	Main Drainage, King Street South Bh 1				
	BGS Boreholes					
274	BGS Reference:	Sj89nw3531	SW	824	5	383780
	Drilled Length (m):	Not Supplied				397970
	Borehole Name:	Booth Street Sewer Renewal Scheme 4				
	BGS Boreholes					
275	BGS Reference:	Sj89nw109	SW	834	5	384120
	Drilled Length (m):	11.58				397590
	Borehole Name:	Manchester Corp. D.Sewer				
	BGS Boreholes					
275	BGS Reference:	Sj89nw3301	SW	855	5	384120
	Drilled Length (m):	7.7				397560
	Borehole Name:	Refuge Ass.Co.Oxford St.Manchester				
	BGS Boreholes					
276	BGS Reference:	Sj89ne697	E	835	5	385390
	Drilled Length (m):	8.2				398240
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 6				
	BGS Boreholes					
276	BGS Reference:	Sj89ne696	E	852	5	385410
	Drilled Length (m):	8.1				398270
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 5				
	BGS Boreholes					
277	BGS Reference:	Sj89nw1467	NW	835	5	383860
	Drilled Length (m):	Not Supplied				398810
	Borehole Name:	Manchester G Sewer 5				
	BGS Boreholes					
277	BGS Reference:	Sj89nw69	NW	841	5	383850
	Drilled Length (m):	8.23				398800
	Borehole Name:	Manchester Corp. G.Sewer				
	BGS Boreholes					
278	BGS Reference:	Sj89nw244	SW	838	5	384170
	Drilled Length (m):	30.78				397560
	Borehole Name:	Refuge Assurance Co Ltd, Oxford Road				
	BGS Boreholes					
279	BGS Reference:	Sj89nw11	S	840	5	384690
	Drilled Length (m):	7.62				397470
	Borehole Name:	Manchester Corp. South Of London Road Station				
	BGS Boreholes					
280	BGS Reference:	Sj89nw3518	W	840	5	383710
	Drilled Length (m):	6				398130
	Borehole Name:	Brazennose Street/John Dalton Street 3				
	BGS Boreholes					
280	BGS Reference:	Sj89nw3524	W	857	5	383690
	Drilled Length (m):	7				398140
	Borehole Name:	Brazennose Street 3				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
262	BGS Reference:	SJ89nw1159	W	821	5	383720
	Drilled Length (m):	Not Supplied				398180
	Borehole Name:	16 John Dalton Street 3				
	BGS Boreholes					
262	BGS Reference:	SJ89nw1160	W	839	5	383700
	Drilled Length (m):	Not Supplied				398190
	Borehole Name:	16 John Dalton Street 4				
	BGS Boreholes					
263	BGS Reference:	SJ89nw315	S	800	5	384630
	Drilled Length (m):	7.92				397510
	Borehole Name:	College Of Sci.& Tech. River Medlock Culvert Bh.10				
	BGS Boreholes					
264	BGS Reference:	SJ89nw1466	NW	800	5	383830
	Drilled Length (m):	Not Supplied				398700
	Borehole Name:	Manchester G Sewer 1				
	BGS Boreholes					
265	BGS Reference:	SJ89ne923	SE	802	5	385190
	Drilled Length (m):	11.43				397820
	Borehole Name:	Manchester Parcels Office				
	BGS Boreholes					
265	BGS Reference:	SJ89ne587	SE	806	5	385180
	Drilled Length (m):	Not Supplied				397800
	Borehole Name:	Manchester Parcels Office 10				
	BGS Boreholes					
265	BGS Reference:	SJ89ne579	SE	810	5	385200
	Drilled Length (m):	11.43				397820
	Borehole Name:	Manchester Parcels Office 2				
	BGS Boreholes					
265	BGS Reference:	SJ89ne586	SE	833	5	385180
	Drilled Length (m):	Not Supplied				397770
	Borehole Name:	Manchester Parcels Office 9				
	BGS Boreholes					
266	BGS Reference:	SJ89ne652	NE	805	5	385060
	Drilled Length (m):	12				398950
	Borehole Name:	Gluster 12 Oldham Road Manchester 2				
	BGS Boreholes					
267	BGS Reference:	SJ89nw56	N	809	5	384340
	Drilled Length (m):	18.9				399110
	Borehole Name:	Manchester Corp. Victoria Station				
	BGS Boreholes					
267	BGS Reference:	SJ89nw1339	N	835	5	384340
	Drilled Length (m):	Not Supplied				399140
	Borehole Name:	City Centre - Phase 2 35				
	BGS Boreholes					
268	BGS Reference:	SJ89nw281	W	809	5	383720
	Drilled Length (m):	2.74				398350
	Borehole Name:	G.P.O. Around Deansgate				
	BGS Boreholes					
268	BGS Reference:	SJ89nw1453	W	834	5	383700
	Drilled Length (m):	Not Supplied				398390
	Borehole Name:	Manchester Deansgate Sewer 3				
	BGS Boreholes					
269	BGS Reference:	SJ89nw62	W	812	5	383780
	Drilled Length (m):	12.8				398620
	Borehole Name:	Manchester Corp. B.Sewer				
	BGS Boreholes					
270	BGS Reference:	SJ89nw57	NW	814	5	384170
	Drilled Length (m):	12.34				399050
	Borehole Name:	Manchester Corp. Victoria Station				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
258	BGS Reference:	Sj89nw1451	W	824	5	383730
	Drilled Length (m):	Not Supplied				398510
	Borehole Name:	Manchester Deansgate Sewer 1				
	BGS Boreholes					
258	BGS Reference:	Sj89nw63	W	827	5	383720
	Drilled Length (m):	14 02				398450
	Borehole Name:	Manchester Corp. B.Sewer				
	BGS Boreholes					
258	BGS Reference:	Sj89nw3296	W	832	5	383710
	Drilled Length (m):	14.02				398450
	Borehole Name:	Manchester Crown Building No 37				
	BGS Boreholes					
259	BGS Reference:	Sj89nw294	W	791	5	383770
	Drilled Length (m):	Not Supplied				398530
	Borehole Name:	No Details				
	BGS Boreholes					
260	BGS Reference:	Sj89ne33	SE	794	5	385230
	Drilled Length (m):	23.77				397890
	Borehole Name:	Manchester Corp. St. Andrew'S Street				
	BGS Boreholes					
260	BGS Reference:	Sj89ne588	SE	812	5	385230
	Drilled Length (m):	Not Supplied				397860
	Borehole Name:	Manchester Parcels Office 11				
	BGS Boreholes					
261	BGS Reference:	Sj89ne1336	NE	794	5	385290
	Drilled Length (m):	Not Supplied				398630
	Borehole Name:	13 / 15 / 17 / 19 New Islington Street 1				
	BGS Boreholes					
261	BGS Reference:	Sj89ne1337	NE	798	5	385290
	Drilled Length (m):	Not Supplied				398640
	Borehole Name:	13 / 15 / 17 / 19 New Islington Street 2				
	BGS Boreholes					
261	BGS Reference:	Sj89ne1338	NE	798	5	385290
	Drilled Length (m):	Not Supplied				398640
	Borehole Name:	13 / 15 / 17 / 19 New Islington Street 2a				
	BGS Boreholes					
261	BGS Reference:	Sj89ne1339	NE	798	5	385290
	Drilled Length (m):	Not Supplied				398640
	Borehole Name:	13 / 15 / 17 / 19 New Islington Street 2b				
	BGS Boreholes					
261	BGS Reference:	Sj89ne1340	NE	798	5	385290
	Drilled Length (m):	Not Supplied				398640
	Borehole Name:	13 / 15 / 17 / 19 New Islington Street 3				
	BGS Boreholes					
261	BGS Reference:	Sj89ne1341	NE	798	5	385290
	Drilled Length (m):	Not Supplied				398640
	Borehole Name:	13 / 15 / 17 / 19 New Islington Street 4				
	BGS Boreholes					
261	BGS Reference:	Sj89ne1342	NE	798	5	385290
	Drilled Length (m):	Not Supplied				398640
	Borehole Name:	13 / 15 / 17 / 19 New Islington Street Tp1				
	BGS Boreholes					
262	BGS Reference:	Sj89nw1158	W	796	5	383740
	Drilled Length (m):	Not Supplied				398210
	Borehole Name:	16 John Dalton Street 2				
	BGS Boreholes					
262	BGS Reference:	Sj89nw1157	W	805	5	383730
	Drilled Length (m):	Not Supplied				398220
	Borehole Name:	16 John Dalton Street 1				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
252	BGS Reference:	Sj89nw58	NW	791	5	384160
	Drilled Length (m):	12.19				399020
	Borehole Name:	Manchester Corp. B.Sewer				
	BGS Boreholes					
252	BGS Reference:	Sj89nw3274	NW	812	5	384100
	Drilled Length (m):	Not Supplied				399010
	Borehole Name:	Victoria Station Manchester Ob				
	BGS Boreholes					
253	BGS Reference:	Sj89nw3519	W	774	5	383780
	Drilled Length (m):	6				398120
	Borehole Name:	Brazennose Street/John Dalton Street 4				
	BGS Boreholes					
253	BGS Reference:	Sj89nw219	W	799	5	383760
	Drilled Length (m):	56.39				398080
	Borehole Name:	Blacklock & Co. Lloyd Street Albert Square				
	BGS Boreholes					
254	BGS Reference:	Sj89nw1485	NW	775	5	383920
	Drilled Length (m):	Not Supplied				398790
	Borehole Name:	Manchester G Sewer 28				
	BGS Boreholes					
254	BGS Reference:	Sj89nw1484	NW	793	5	383890
	Drilled Length (m):	Not Supplied				398780
	Borehole Name:	Manchester G Sewer 27				
	BGS Boreholes					
255	BGS Reference:	Sj89ne828	E	776	5	385300
	Drilled Length (m):	2.25				398550
	Borehole Name:	Winder Drive Tp 3				
	BGS Boreholes					
255	BGS Reference:	Sj89ne826	E	778	6	385300
	Drilled Length (m):	1.7				398560
	Borehole Name:	Winder Drive Tp 1				
	BGS Boreholes					
255	BGS Reference:	Sj89ne830	E	779	5	385300
	Drilled Length (m):	10				398560
	Borehole Name:	Hostel Winder Drive Ancoats 1				
	BGS Boreholes					
255	BGS Reference:	Sj89ne829	E	785	5	385310
	Drilled Length (m):	2.15				398550
	Borehole Name:	Winder Drive Tp 4				
	BGS Boreholes					
255	BGS Reference:	Sj89ne831	E	785	5	385310
	Drilled Length (m):	6.5				398550
	Borehole Name:	Hostel Winder Drive Ancoats 2				
	BGS Boreholes					
255	BGS Reference:	Sj89ne827	E	788	5	385310
	Drilled Length (m):	1.1				398560
	Borehole Name:	Winder Drive Tp 2				
	BGS Boreholes					
256	BGS Reference:	Sj89nw15	SE	781	5	384950
	Drilled Length (m):	7.62				397630
	Borehole Name:	Manchester Corp. L Sewer				
	BGS Boreholes					
257	BGS Reference:	Sj89nw1317	SW	785	5	383990
	Drilled Length (m):	Not Supplied				397740
	Borehole Name:	Portland Street 1				
	BGS Boreholes					
258	BGS Reference:	Sj89nw277	W	790	5	383760
	Drilled Length (m):	13.72				398470
	Borehole Name:	Barton Arcade, Basement, Deansgate				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
243	BGS Reference:	Sj89nw3655	N	746	5	384350
	Drilled Length (m):	30.94				399050
	Borehole Name:	Iro Schedule Centre O				
	BGS Boreholes					
243	BGS Reference:	Sj89nw3654	N	763	5	384320
	Drilled Length (m):	5.46				399060
	Borehole Name:	Iro Schedule Centre N				
	BGS Boreholes					
244	BGS Reference:	Sj89ne699	E	751	5	385310
	Drilled Length (m):	21.33				398330
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 8				
	BGS Boreholes					
244	BGS Reference:	Sj89ne698	E	771	5	385330
	Drilled Length (m):	34.15				398320
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 7/7a				
	BGS Boreholes					
245	BGS Reference:	Sj89nw373	N	761	5	384730
	Drilled Length (m):	Not Supplied				399070
	Borehole Name:	Thompson St Manchester 2				
	BGS Boreholes					
246	BGS Reference:	Sj89nw3777	W	781	5	383770
	Drilled Length (m):	2.5				398270
	Borehole Name:	Main Drainage, King Street South Bh 3				
	BGS Boreholes					
247	BGS Reference:	Sj89nw662	SW	765	5	384180
	Drilled Length (m):	7.5				397630
	Borehole Name:	Whitworth St Manchester 3				
	BGS Boreholes					
247	BGS Reference:	Sj89nw3488	SW	779	5	384190
	Drilled Length (m):	7.5				397610
	Borehole Name:	India House Whitworth Street 8				
	BGS Boreholes					
248	BGS Reference:	Sj89nw3275	NW	765	5	384070
	Drilled Length (m):	Not Supplied				398930
	Borehole Name:	Victoria Station Manchester Ob				
	BGS Boreholes					
249	BGS Reference:	Sj89nw14	S	768	5	384840
	Drilled Length (m):	6.71				397590
	Borehole Name:	Manchester Corp. L Sewer				
	BGS Boreholes					
249	BGS Reference:	Sj89nw17	S	779	5	384810
	Drilled Length (m):	6.71				397570
	Borehole Name:	Manchester Corp. Corner Of Jackson Street				
	BGS Boreholes					
250	BGS Reference:	Sj89nw13	S	767	5	384690
	Drilled Length (m):	5.49				397550
	Borehole Name:	Manchester Corp. L Sewer				
	BGS Boreholes					
250	BGS Reference:	Sj89nw12	S	793	5	384680
	Drilled Length (m):	6.1				397520
	Borehole Name:	Manchester Corp. L Sewer				
	BGS Boreholes					
251	BGS Reference:	Sj89nw1500	S	772	5	384520
	Drilled Length (m):	Not Supplied				397530
	Borehole Name:	Sackville Street 4				
	BGS Boreholes					
252	BGS Reference:	Sj89nw1437	NW	774	5	384140
	Drilled Length (m):	Not Supplied				398990
	Borehole Name:	Victoria Station Area Sewers 14				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
236	BGS Reference:	Sj89nw3542	S	731	5	384560
	Drilled Length (m):	7.62				397570
	Borehole Name:	Manchester College G				
	BGS Boreholes					
236	BGS Reference:	Sj89nw3637	S	751	5	384570
	Drilled Length (m):	8.99				397550
	Borehole Name:	Manchester College B				
	BGS Boreholes					
237	BGS Reference:	Sj89nw3520	W	732	5	383810
	Drilled Length (m):	9.69				398180
	Borehole Name:	Brazennose Street/John Dalton Street 5				
	BGS Boreholes					
238	BGS Reference:	Sj89nw1486	NW	734	5	383920
	Drilled Length (m):	Not Supplied				398720
	Borehole Name:	Manchester G Sewer 29				
	BGS Boreholes					
239	BGS Reference:	Sj89nw3621	S	735	5	384330
	Drilled Length (m):	Not Supplied				397600
	Borehole Name:	Granby Row / Whitworth Street 4				
	BGS Boreholes					
240	BGS Reference:	Sj89nw1528	W	737	5	383800
	Drilled Length (m):	Not Supplied				398430
	Borehole Name:	St Anns Square 2				
	BGS Boreholes					
240	BGS Reference:	Sj89nw1529	W	741	5	383790
	Drilled Length (m):	Not Supplied				398380
	Borehole Name:	St Anns Square 3				
	BGS Boreholes					
241	BGS Reference:	Sj89nw3484	SW	739	5	384240
	Drilled Length (m):	4.5				397630
	Borehole Name:	India House Whitworth Street 4				
	BGS Boreholes					
241	BGS Reference:	Sj89nw3486	SW	747	5	384220
	Drilled Length (m):	4.6				397630
	Borehole Name:	India House Whitworth Street 6				
	BGS Boreholes					
241	BGS Reference:	Sj89nw3481	SW	752	5	384230
	Drilled Length (m):	5.5				397620
	Borehole Name:	India House Whitworth Street 1				
	BGS Boreholes					
241	BGS Reference:	Sj89nw3487	SW	761	5	384210
	Drilled Length (m):	6.5				397620
	Borehole Name:	India House Whitworth Street 7				
	BGS Boreholes					
241	BGS Reference:	Sj89nw3482	SW	770	5	384210
	Drilled Length (m):	6.5				397610
	Borehole Name:	India House Whitworth Street 2				
	BGS Boreholes					
241	BGS Reference:	Sj89nw3483	SW	783	5	384200
	Drilled Length (m):	6.7				397600
	Borehole Name:	India House Whitworth Street 3				
	BGS Boreholes					
242	BGS Reference:	Sj89nw1431	NW	748	5	384030
	Drilled Length (m):	Not Supplied				398870
	Borehole Name:	Victoria Station Area Sewers 6				
	BGS Boreholes					
242	BGS Reference:	Sj89nw1430	NW	774	5	384000
	Drilled Length (m):	Not Supplied				398880
	Borehole Name:	Victoria Station Area Sewers 7				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes				
227	BGS Reference: Sj89nw660 Drilled Length (m): 7.3 Borehole Name: Whitworth St Manchester 1	SW	748	5	384160 397650
	BGS Boreholes				
228	BGS Reference: Sj89nw249 Drilled Length (m): 68.88 Borehole Name: Boyd Dawkins, Jackson Street Mill	S	712	5	384680 397600
	BGS Boreholes				
229	BGS Reference: Sj89nw3259 Drilled Length (m): Not Supplied Borehole Name: Town Hall Manchester Ob	W	713	5	383870 398040
	BGS Boreholes				
230	BGS Reference: Sj89ne700 Drilled Length (m): 27.7 Borehole Name: Inner Ring Road Section 2 Phase 1 Manchester 9	E	715	5	385240 398540
	BGS Boreholes				
231	BGS Reference: Sj89nw372 Drilled Length (m): Not Supplied Borehole Name: Thompson St Manchester 1	N	721	5	384690 399040
	BGS Boreholes				
231	BGS Reference: Sj89nw26 Drilled Length (m): 21.95 Borehole Name: Manchester Corp. Rochdale Road Sewer	N	756	5	384690 399070
	BGS Boreholes				
232	BGS Reference: Sj89nw1346 Drilled Length (m): Not Supplied Borehole Name: Miller Street 4	NW	722	5	384230 398980
	BGS Boreholes				
232	BGS Reference: Sj89nw1342 Drilled Length (m): Not Supplied Borehole Name: Miller Street 1	NW	749	5	384210 399000
	BGS Boreholes				
233	BGS Reference: Sj89nw60 Drilled Length (m): 12.5 Borehole Name: Manchester Corp. B.Sewer	NW	723	5	383960 398760
	BGS Boreholes				
233	BGS Reference: Sj89nw1429 Drilled Length (m): Not Supplied Borehole Name: Victoria Station Area Sewers 6	NW	758	5	383950 398800
	BGS Boreholes				
234	BGS Reference: Sj89nw1436 Drilled Length (m): Not Supplied Borehole Name: Victoria Station Area Sewers 13	NW	727	5	384120 398920
	BGS Boreholes				
234	BGS Reference: Sj89nw59 Drilled Length (m): 12.19 Borehole Name: Manchester Corp. B.Sewer	NW	726	5	384110 398920
	BGS Boreholes				
234	BGS Reference: Sj89nw1433 Drilled Length (m): Not Supplied Borehole Name: Victoria Station Area Sewers 10	NW	755	5	384100 398940
	BGS Boreholes				
235	BGS Reference: Sj89nw1527 Drilled Length (m): Not Supplied Borehole Name: St Anns Square 1a	W	727	5	383820 398480
	BGS Boreholes				
235	BGS Reference: Sj89nw1526 Drilled Length (m): Not Supplied Borehole Name: St Anns Square 1	W	727	5	383820 398480

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
220	BGS Reference:	Sj89nw3536	S	723	5	384600
	Drilled Length (m):	15.24				397580
	Borehole Name:	Manchester College A				
	BGS Boreholes					
221	BGS Reference:	Sj89nw1487	NW	694	5	383930
	Drilled Length (m):	Not Supplied				398660
	Borehole Name:	Manchester G Sewer 30				
	BGS Boreholes					
221	BGS Reference:	Sj89nw61	NW	717	5	383900
	Drilled Length (m):	12.5				398660
	Borehole Name:	Manchester Corp. B.Sewer				
	BGS Boreholes					
222	BGS Reference:	Sj89nw18	SE	695	6	384820
	Drilled Length (m):	10.06				397660
	Borehole Name:	Manchester Corp. Corner Of Travis Street				
	BGS Boreholes					
223	BGS Reference:	Sj89nw374	N	695	5	384720
	Drilled Length (m):	Not Supplied				399000
	Borehole Name:	Thompson St Manchester 3				
	BGS Boreholes					
223	BGS Reference:	Sj89nw375	N	713	5	384760
	Drilled Length (m):	Not Supplied				399010
	Borehole Name:	Thompson St Manchester 4				
	BGS Boreholes					
224	BGS Reference:	Sj89nw1499	S	702	5	384510
	Drilled Length (m):	Not Supplied				397600
	Borehole Name:	Sackville Street 3				
	BGS Boreholes					
224	BGS Reference:	Sj89nw3640	S	711	5	384550
	Drilled Length (m):	10.36				397590
	Borehole Name:	Manchester College E				
	BGS Boreholes					
224	BGS Reference:	Sj89nw3641	S	711	5	384550
	Drilled Length (m):	3.96				397590
	Borehole Name:	Manchester College F				
	BGS Boreholes					
225	BGS Reference:	Sj89nw1435	NW	706	5	384090
	Drilled Length (m):	Not Supplied				398870
	Borehole Name:	Victoria Station Area Sewers 12				
	BGS Boreholes					
225	BGS Reference:	Sj89nw1432	NW	742	5	384070
	Drilled Length (m):	Not Supplied				398900
	Borehole Name:	Victoria Station Area Sewers 9				
	BGS Boreholes					
226	BGS Reference:	Sj89nw1318	SW	708	5	384050
	Drilled Length (m):	Not Supplied				397790
	Borehole Name:	Portland Street 2				
	BGS Boreholes					
227	BGS Reference:	Sj89nw661	SW	711	5	384200
	Drilled Length (m):	7.3				397680
	Borehole Name:	Whitworth St Manchester 2				
	BGS Boreholes					
227	BGS Reference:	Sj89nw663	SW	734	5	384210
	Drilled Length (m):	7.1				397650
	Borehole Name:	Whitworth St Manchester 4				
	BGS Boreholes					
227	BGS Reference:	Sj89nw3485	SW	734	5	384230
	Drilled Length (m):	4.3				397640
	Borehole Name:	India House Whitworth Street 5				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes				
213	BGS Reference: Sj89nw3651 Drilled Length (m): 6.55 Borehole Name: Iro Schedule Centre K	N	710	5	384340 399010
	BGS Boreholes				
214	BGS Reference: Sj89nw316 Drilled Length (m): 9.11 Borehole Name: Market St. Underground Car Park, Market St. 6 Bh'S	NW	687	5	383910 398600
	BGS Boreholes				
215	BGS Reference: Sj89nw868 Drilled Length (m): Not Supplied Borehole Name: National Express Coach Station Tp 5	SE	687	5	384930 397730
	BGS Boreholes				
216	BGS Reference: Sj89nw1237 Drilled Length (m): Not Supplied Borehole Name: Cluster 12 Oldham Road Manchester 3	NE	690	5	384950 398890
	BGS Boreholes				
218	BGS Reference: Sj89nw1356 Drilled Length (m): Not Supplied Borehole Name: Inner Ring Road Section 2 Phase 1 Manchester 22	NE	731	5	384950 398940
	BGS Boreholes				
217	BGS Reference: Sj89nw1530 Drilled Length (m): Not Supplied Borehole Name: St Anns Square 4	W	692	5	383840 398360
	BGS Boreholes				
217	BGS Reference: Sj89nw1517 Drilled Length (m): Not Supplied Borehole Name: 30 St Ann Street 1	W	711	5	383820 398340
	BGS Boreholes				
217	BGS Reference: Sj89nw1518 Drilled Length (m): Not Supplied Borehole Name: 30 St Ann Street 2	W	711	5	383820 398340
	BGS Boreholes				
218	BGS Reference: Sj89ne814 Drilled Length (m): 5 Borehole Name: Wharf Street 1	E	693	5	385250 398360
	BGS Boreholes				
218	BGS Reference: Sj89ne815 Drilled Length (m): 5 Borehole Name: Wharf Street 2	E	712	5	385270 398360
	BGS Boreholes				
219	BGS Reference: Sj89nw1325 Drilled Length (m): Not Supplied Borehole Name: Millgate Lane Car Park 2	NW	693	5	384010 398770
	BGS Boreholes				
219	BGS Reference: Sj89nw1326 Drilled Length (m): Not Supplied Borehole Name: Millgate Lane Car Park 3	NW	730	5	383970 398780
	BGS Boreholes				
220	BGS Reference: Sj89nw3643 Drilled Length (m): 7.62 Borehole Name: Manchester College X	S	693	5	384600 397610
	BGS Boreholes				
220	BGS Reference: Sj89nw3639 Drilled Length (m): 7.16 Borehole Name: Manchester College D	S	701	5	384570 397600
	BGS Boreholes				
220	BGS Reference: Sj89nw3638 Drilled Length (m): 5.18 Borehole Name: Manchester College C	S	721	5	384570 397580

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes				
207	BGS Reference: Sj89nw110 Drilled Length (m): 7.62. Borehole Name: Manchester Corp. Shooters Brook Relief Sewer	S	666	5	384300 397690
	BGS Boreholes				
207	BGS Reference: Sj89nw3276 Drilled Length (m): Not Supplied Borehole Name: Galbraith Street Manchester Ob	SW	672	5	384270 397690
	BGS Boreholes				
207	BGS Reference: Sj89nw3622 Drilled Length (m): Not Supplied Borehole Name: Granby Row / Whitworth Street 5a	S	686	5	384280 397670
	BGS Boreholes				
208	BGS Reference: Sj89nw1347 Drilled Length (m): Not Supplied Borehole Name: Miller Street 6	NW	674	5	384280 398950
	BGS Boreholes				
208	BGS Reference: Sj89nw3649 Drilled Length (m): 30.33 Borehole Name: Iro Schedule Centre G	N	694	5	384300 398980
	BGS Boreholes				
209	BGS Reference: Sj89nw3600 Drilled Length (m): Not Supplied Borehole Name: George Street Sewer Replacement Scheme 5	SW	676	5	384000 397890
	BGS Boreholes				
209	BGS Reference: Sj89nw3576 Drilled Length (m): Not Supplied Borehole Name: Mosley Street Sewer Reconstruction 5	SW	691	5	383980 397920
	BGS Boreholes				
209	BGS Reference: Sj89nw3601 Drilled Length (m): Not Supplied Borehole Name: George Street Sewer Replacement Scheme 6	SW	725	5	383970 397850
	BGS Boreholes				
210	BGS Reference: Sj89nw3544 Drilled Length (m): Not Supplied Borehole Name: Clarence Street / Booth Street / Bow Lane 1	W	677	5	383870 398160
	BGS Boreholes				
210	BGS Reference: Sj89nw1277 Drilled Length (m): Not Supplied Borehole Name: Albert Square A	W	718	5	383830 398150
	BGS Boreholes				
211	BGS Reference: Sj89nw1434 Drilled Length (m): Not Supplied Borehole Name: Victoria Station Area Sewers 11	NW	682	5	384070 398820
	BGS Boreholes				
211	BGS Reference: Sj89nw221 Drilled Length (m): 3.35 Borehole Name: Spawson & Co 1 Todd Street	NW	707	5	384050 398830
	BGS Boreholes				
211	BGS Reference: Sj89nw1324 Drilled Length (m): Not Supplied Borehole Name: Millgate Lane Car Park 1	NW	711	5	384030 398820
	BGS Boreholes				
212	BGS Reference: Sj89nw3620 Drilled Length (m): Not Supplied Borehole Name: Granby Row / Whitworth Street 3	S	682	5	384430 397630
	BGS Boreholes				
213	BGS Reference: Sj89nw3650 Drilled Length (m): 6.09 Borehole Name: Iro Schedule Centre H	N	682	5	384370 398990

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
201	BGS Reference:	Sj89nw1345	N	653	5	384310
	Drilled Length (m):	Not Supplied				398940
	Borehole Name:	Miller Street 5				
	BGS Boreholes					
201	BGS Reference:	Sj89nw3646	N	653	5	384340
	Drilled Length (m):	13.71				398950
	Borehole Name:	Iro Schedule Centre C				
	BGS Boreholes					
201	BGS Reference:	Sj89nw3648	N	681	5	384340
	Drilled Length (m):	11.73				398980
	Borehole Name:	Iro Schedule Centre F				
	BGS Boreholes					
202	BGS Reference:	Sj89nw3575	SW	642	5	383980
	Drilled Length (m):	Not Supplied				397980
	Borehole Name:	Mosley Street Sewer Reconstruction 4				
	BGS Boreholes					
203	BGS Reference:	Sj89nw296	SW	651	5	384080
	Drilled Length (m):	Not Supplied				397840
	Borehole Name:	No Details				
	BGS Boreholes					
204	BGS Reference:	Sj89nw866	SE	655	5	384870
	Drilled Length (m):	Not Supplied				397730
	Borehole Name:	National Express Coach Station Tp 3				
	BGS Boreholes					
204	BGS Reference:	Sj89nw871	SE	672	5	384850
	Drilled Length (m):	Not Supplied				397700
	Borehole Name:	National Express Coach Station 3				
	BGS Boreholes					
204	BGS Reference:	Sj89nw865	SE	677	5	384860
	Drilled Length (m):	Not Supplied				397700
	Borehole Name:	National Express Coach Station Tp 2				
	BGS Boreholes					
204	BGS Reference:	Sj89nw3280	SE	677	5	384680
	Drilled Length (m):	Not Supplied				397710
	Borehole Name:	Fairfield Street Manchester Ob				
	BGS Boreholes					
204	BGS Reference:	Sj89nw867	SE	684	5	384910
	Drilled Length (m):	Not Supplied				397720
	Borehole Name:	National Express Coach Station Tp 4				
	BGS Boreholes					
204	BGS Reference:	Sj89nw872	SE	684	5	384910
	Drilled Length (m):	Not Supplied				397720
	Borehole Name:	National Express Coach Station 4				
	BGS Boreholes					
205	BGS Reference:	Sj89ne87	E	656	5	385210
	Drilled Length (m):	9.45				398280
	Borehole Name:	Manchester Corp. Mill Street				
	BGS Boreholes					
205	BGS Reference:	Sj89ne1835	E	664	5	385220
	Drilled Length (m):	8.1				398260
	Borehole Name:	St Mary'S Bypass, Lowton Bh 17				
	BGS Boreholes					
206	BGS Reference:	Sj89nw3653	N	660	5	384430
	Drilled Length (m):	30.5				398980
	Borehole Name:	Iro Schedule Centre M				
	BGS Boreholes					
206	BGS Reference:	Sj89nw3652	N	675	5	384400
	Drilled Length (m):	8.68				398990
	Borehole Name:	Iro Schedule Centre L				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
195	BGS Reference:	Sj89ne701	NE	627	5	385120
	Drilled Length (m):	6				398600
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 10				
	BGS Boreholes					
196	BGS Reference:	Sj89nw1354	N	630	5	384570
	Drilled Length (m):	Not Supplied				398960
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 20				
	BGS Boreholes					
196	BGS Reference:	Sj89nw27	N	655	5	384590
	Drilled Length (m):	23.16				398980
	Borehole Name:	Manchester Corp. Newtown				
	BGS Boreholes					
197	BGS Reference:	Sj89nw1357	NW	630	5	383970
	Drilled Length (m):	Not Supplied				398600
	Borehole Name:	Corporation Street 1/1a				
	BGS Boreholes					
197	BGS Reference:	Sj89nw3272	NW	635	5	383970
	Drilled Length (m):	Not Supplied				398610
	Borehole Name:	Longridge House Manchester Ob				
	BGS Boreholes					
198	BGS Reference:	Sj89ne105	E	631	5	385170
	Drilled Length (m):	137.77				398490
	Borehole Name:	Manchester Corp. Hydraulic Power Supply Station				
	BGS Boreholes					
199	BGS Reference:	Sj89nw1359	NW	631	5	384010
	Drilled Length (m):	Not Supplied				398670
	Borehole Name:	Corporation Street 3				
	BGS Boreholes					
199	BGS Reference:	Sj89nw1358	NW	637	5	383990
	Drilled Length (m):	Not Supplied				398650
	Borehole Name:	Corporation Street 2				
	BGS Boreholes					
199	BGS Reference:	Sj89nw276	NW	652	5	383980
	Drilled Length (m):	8.38				398660
	Borehole Name:	Van Den Berghs 47 Corporation Street				
	BGS Boreholes					
199	BGS Reference:	Sj89nw275	NW	659	5	384000
	Drilled Length (m):	5.33				398710
	Borehole Name:	Smith & Stevens, Corn Exchange Building				
	BGS Boreholes					
199	BGS Reference:	Sj89nw2001	NW	662	5	383980
	Drilled Length (m):	Not Supplied				398680
	Borehole Name:	Shude Hill Withy Grove Sewer Replacement 1				
	BGS Boreholes					
200	BGS Reference:	Sj89nw1498	S	636	5	384470
	Drilled Length (m):	Not Supplied				397670
	Borehole Name:	Sackville Street 2				
	BGS Boreholes					
201	BGS Reference:	Sj89nw204	N	641	5	384350
	Drilled Length (m):	62.3				398940
	Borehole Name:	Chadwick & Taylor, Old Mill Paper Works, Miller St				
	BGS Boreholes					
201	BGS Reference:	Sj89nw3300	N	643	5	384340
	Drilled Length (m):	155.45				398940
	Borehole Name:	Old Mill Paper Works Manchester				
	BGS Boreholes					
201	BGS Reference:	Sj89nw1343	N	653	5	384310
	Drilled Length (m):	Not Supplied				398940
	Borehole Name:	Miller Street 2				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes				
186	BGS Reference: Sj89nw215 Drilled Length (m): 30.78 Borehole Name: Manchester Guardian Cross Street	W	603	5	383950 398470
	BGS Boreholes				
187	BGS Reference: Sj89nw207 Drilled Length (m): 102.57 Borehole Name: Chronicle Office Withy Grove	NW	608	5	384130 398770
	BGS Boreholes				
188	BGS Reference: Sj89nw3603 Drilled Length (m): Not Supplied Borehole Name: Addington Street Improvement 2	N	612	5	384490 398940
	BGS Boreholes				
188	BGS Reference: Sj89nw1355 Drilled Length (m): Not Supplied Borehole Name: Inner Ring Road Section 2 Phase 1 Manchester 21	N	634	5	384470 398960
	BGS Boreholes				
189	BGS Reference: Sj89nw3644 Drilled Length (m): 29.26 Borehole Name: Iro Schedule Centre A	N	615	5	384410 398930
	BGS Boreholes				
189	BGS Reference: Sj89nw3645 Drilled Length (m): 13.56 Borehole Name: Iro Schedule Centre B	N	622	5	384360 398930
	BGS Boreholes				
189	BGS Reference: Sj89nw3647 Drilled Length (m): 14.02 Borehole Name: Iro Schedule Centre E	N	644	5	384370 398950
	BGS Boreholes				
190	BGS Reference: Sj89nw2002 Drilled Length (m): Not Supplied Borehole Name: Shude Hill Withy Grove Sewer Replacement 2	NW	616	5	384060 398710
	BGS Boreholes				
191	BGS Reference: Sj89nw3545 Drilled Length (m): Not Supplied Borehole Name: Clarence Street / Booth Street / Bow Lane 2	W	618	5	383920 398210
	BGS Boreholes				
192	BGS Reference: Sj89nw3549 Drilled Length (m): Not Supplied Borehole Name: Clarence Street / Booth Street / Bow Lane 6	W	619	5	383930 398160
	BGS Boreholes				
193	BGS Reference: Sj89nw3619 Drilled Length (m): Not Supplied Borehole Name: Granby Row / Whitworth Street 2	S	621	5	384530 397680
	BGS Boreholes				
193	BGS Reference: Sj89nw1162 Drilled Length (m): Not Supplied Borehole Name: Granby Row Umist Campus 2	S	632	5	384520 397670
	BGS Boreholes				
193	BGS Reference: Sj89nw1161 Drilled Length (m): Not Supplied Borehole Name: Granby Row Umist Campus 1	S	653	5	384500 397650
	BGS Boreholes				
194	BGS Reference: Sj89nw757 Drilled Length (m): Not Supplied Borehole Name: Thompson Street Manchester Bh1	N	624	5	384720 398930
	BGS Boreholes				
194	BGS Reference: Sj89nw758 Drilled Length (m): Not Supplied Borehole Name: Thompson Street Manchester Bh2	N	630	5	384740 398930

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes				
184	BGS Reference: SJ89nw3657 Drilled Length (m): 10.5 Borehole Name: Portlands Street Nw Telecoms Board Hg 2	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3658 Drilled Length (m): 11.5 Borehole Name: Portlands Street Nw Telecoms Board Hg 3	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3659 Drilled Length (m): 10.2 Borehole Name: Portlands Street Nw Telecoms Board Hg 4	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3660 Drilled Length (m): 11.5 Borehole Name: Portlands Street Nw Telecoms Board Hg 5	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3662 Drilled Length (m): 10.3 Borehole Name: Portlands Street Nw Telecoms Board Hg 7	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3663 Drilled Length (m): 10.5 Borehole Name: Portlands Street Nw Telecoms Board Hg 8	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3664 Drilled Length (m): 9.8 Borehole Name: Portlands Street Nw Telecoms Board Hg 9	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3665 Drilled Length (m): 11 Borehole Name: Portlands Street Nw Telecoms Board Hg 10	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3666 Drilled Length (m): 11 Borehole Name: Portlands Street Nw Telecoms Board Hg 11	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3661 Drilled Length (m): 10.2 Borehole Name: Portlands Street Nw Telecoms Board Hg 6	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw3667 Drilled Length (m): 10.8 Borehole Name: Portlands Street Nw Telecoms Board Hg 12	SW	594	5	384100 397900
	BGS Boreholes				
184	BGS Reference: SJ89nw1319 Drilled Length (m): Not Supplied Borehole Name: Portland Street 3	SW	616	5	384110 397860
	BGS Boreholes				
185	BGS Reference: SJ89nw869 Drilled Length (m): Not Supplied Borehole Name: National Express Coach Station 1	SE	598	5	384780 397750
	BGS Boreholes				
185	BGS Reference: SJ89nw864 Drilled Length (m): Not Supplied Borehole Name: National Express Coach Station Tp 1	SE	646	5	384810 397710
	BGS Boreholes				
185	BGS Reference: SJ89nw870 Drilled Length (m): Not Supplied Borehole Name: National Express Coach Station 2	SE	646	5	384810 397710

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
175	BGS Reference:	Sj89nw1238	NE	576	5	384850
	Drilled Length (m):	Not Supplied				398820
	Borehole Name:	Cluster 12 Oldham Road Manchester 4				
	BGS Boreholes					
176	BGS Reference:	Sj89nw3514	SW	577	5	384260
	Drilled Length (m):	Not Supplied				397800
	Borehole Name:	Bloom Street/Abingdon Street 6				
	BGS Boreholes					
177	BGS Reference:	Sj89nw3599	SW	578	5	384070
	Drilled Length (m):	Not Supplied				397950
	Borehole Name:	George Street Sewer Replacement Scheme 4				
	BGS Boreholes					
178	BGS Reference:	Sj89nw3616	NW	579	5	384290
	Drilled Length (m):	Not Supplied				398850
	Borehole Name:	Hanover Street / Miller Street 4				
	BGS Boreholes					
178	BGS Reference:	Sj89nw3613	NW	589	5	384310
	Drilled Length (m):	Not Supplied				398870
	Borehole Name:	Hanover Street / Miller Street 1				
	BGS Boreholes					
178	BGS Reference:	Sj89nw3615	N	603	5	384320
	Drilled Length (m):	Not Supplied				398890
	Borehole Name:	Hanover Street / Miller Street 3				
	BGS Boreholes					
179	BGS Reference:	Sj89nw3574	SW	582	5	384020
	Drilled Length (m):	Not Supplied				398030
	Borehole Name:	Mosley Street Sewer Reconstruction 3				
	BGS Boreholes					
180	BGS Reference:	Sj89nw3617	N	583	5	384350
	Drilled Length (m):	Not Supplied				398880
	Borehole Name:	Hanover Street / Miller Street 5				
	BGS Boreholes					
181	BGS Reference:	Sj89nw761	NE	588	5	384780
	Drilled Length (m):	Not Supplied				398870
	Borehole Name:	Thompson Street Manchester Bh5				
	BGS Boreholes					
181	BGS Reference:	Sj89nw760	NE	596	5	384800
	Drilled Length (m):	Not Supplied				398870
	Borehole Name:	Thompson Street Manchester Bh4				
	BGS Boreholes					
181	BGS Reference:	Sj89nw759	N	605	5	384750
	Drilled Length (m):	Not Supplied				398900
	Borehole Name:	Thompson Street Manchester Bh3				
	BGS Boreholes					
182	BGS Reference:	Sj89nw3265	NE	588	5	384900
	Drilled Length (m):	Not Supplied				398800
	Borehole Name:	33 Blossom St Ancoats				
	BGS Boreholes					
183	BGS Reference:	Sj89nw3618	E	588	5	384640
	Drilled Length (m):	Not Supplied				397720
	Borehole Name:	Granby Row / Whitworth Street 1a				
	BGS Boreholes					
184	BGS Reference:	Sj89nw344	SW	594	5	384100
	Drilled Length (m):	Not Supplied				397900
	Borehole Name:	Number Not Used Reregistered As Sj89nw 3656-3667				
	BGS Boreholes					
184	BGS Reference:	Sj89nw3656	SW	594	5	384100
	Drilled Length (m):	11				397900
	Borehole Name:	Portlands Street Nw Telecoms Board Hg 1				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes				
168	BGS Reference: Sj89nw1410 Drilled Length (m): Not Supplied Borehole Name: Booth Street Manchester 4	W	551	5	383990 398200
	BGS Boreholes				
168	BGS Reference: Sj89nw954 Drilled Length (m): Not Supplied Borehole Name: 52-58 Brown Street Manchester 1	W	563	5	383980 398190
	BGS Boreholes				
168	BGS Reference: Sj89nw955 Drilled Length (m): Not Supplied Borehole Name: 52-58 Brown Street Manchester 2	W	567	5	383970 398220
	BGS Boreholes				
168	BGS Reference: Sj89nw3548 Drilled Length (m): Not Supplied Borehole Name: Clarence Street / Booth Street / Bow Lane 5	W	568	5	383980 398170
	BGS Boreholes				
168	BGS Reference: Sj89nw3546 Drilled Length (m): Not Supplied Borehole Name: Clarence Street / Booth Street / Bow Lane 3	W	600	5	383940 398200
	BGS Boreholes				
169	BGS Reference: Sj89nw2003 Drilled Length (m): Not Supplied Borehole Name: Shude Hill Withy Grove Sewer Replacement 3	NW	552	5	384110 398670
	BGS Boreholes				
170	BGS Reference: Sj89nw3547 Drilled Length (m): Not Supplied Borehole Name: Clarence Street / Booth Street / Bow Lane 4	W	554	5	384010 398120
	BGS Boreholes				
171	BGS Reference: Sj89ne258 Drilled Length (m): Not Supplied Borehole Name: Piccadilly Village Manchester 101	E	556	5	385080 398140
	BGS Boreholes				
171	BGS Reference: Sj89ne257 Drilled Length (m): Not Supplied Borehole Name: Piccadilly Village Manchester 100	E	559	5	385090 398140
	BGS Boreholes				
172	BGS Reference: Sj89nw3602 Drilled Length (m): Not Supplied Borehole Name: Addington Street Improvement 1	N	556	5	384460 398880
	BGS Boreholes				
172	BGS Reference: Sj89nw28 Drilled Length (m): 25.91 Borehole Name: Manchester Corp. Rochdale Road Sewer	N	561	5	384460 398890
	BGS Boreholes				
173	BGS Reference: Sj89nw3604 Drilled Length (m): Not Supplied Borehole Name: Addington Street Improvement 3	N	560	5	384560 398890
	BGS Boreholes				
173	BGS Reference: Sj89nw1353 Drilled Length (m): Not Supplied Borehole Name: Inner Ring Road Section 2 Phase 1 Manchester 19	N	582	5	384600 398910
	BGS Boreholes				
174	BGS Reference: Sj89ne703 Drilled Length (m): 8 Borehole Name: Inner Ring Road Section 2 Phase 1 Manchester 12	NE	563	5	385000 398670
	BGS Boreholes				
174	BGS Reference: Sj89ne702 Drilled Length (m): 8.22 Borehole Name: Inner Ring Road Section 2 Phase 1 Manchester 11	NE	564	5	385010 398660

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
162	BGS Reference:	Sj89nw2007	N	530	5	384400
	Drilled Length (m):	Not Supplied				398840
	Borehole Name:	Shude Hill Withy Grove Sewer Replacement 7				
	BGS Boreholes					
162	BGS Reference:	Sj89nw1344	N	566	5	384410
	Drilled Length (m):	Not Supplied				398880
	Borehole Name:	Miller Street 3				
	BGS Boreholes					
162	BGS Reference:	Sj89nw3614	N	570	5	384360
	Drilled Length (m):	Not Supplied				398870
	Borehole Name:	Hanover Street / Miller Street 2				
	BGS Boreholes					
163	BGS Reference:	Sj89nw1348	NE	534	5	384890
	Drilled Length (m):	Not Supplied				399740
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 13				
	BGS Boreholes					
163	BGS Reference:	Sj89nw1349	NE	538	5	384870
	Drilled Length (m):	Not Supplied				398760
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 14				
	BGS Boreholes					
164	BGS Reference:	Sj89ne86	E	541	5	385100
	Drilled Length (m):	23.16				398310
	Borehole Name:	Manchester Corp, Great Ancoats Street				
	BGS Boreholes					
165	BGS Reference:	Sj89nw1352	N	542	5	384700
	Drilled Length (m):	Not Supplied				398850
	Borehole Name:	Inner Ring Road Section 2 Phase 1 Manchester 18				
	BGS Boreholes					
166	BGS Reference:	Sj89nw3439	S	543	5	384340
	Drilled Length (m):	5.8				397800
	Borehole Name:	Canal Street Sewer Renewal Scheme 1				
	BGS Boreholes					
166	BGS Reference:	Sj89nw3440	S	543	5	384340
	Drilled Length (m):	5.8				397800
	Borehole Name:	Canal Street Sewer Renewal Scheme 2				
	BGS Boreholes					
166	BGS Reference:	Sj89nw3515	SW	587	5	384300
	Drilled Length (m):	Not Supplied				397770
	Borehole Name:	Bloom Street/Abingdon Street 7				
	BGS Boreholes					
166	BGS Reference:	Sj89nw297	SW	587	5	384300
	Drilled Length (m):	Not Supplied				397770
	Borehole Name:	No Details				
	BGS Boreholes					
167	BGS Reference:	Sj89nw3513	SW	549	5	384230
	Drilled Length (m):	Not Supplied				397850
	Borehole Name:	Bloom Street/Abingdon Street 5				
	BGS Boreholes					
168	BGS Reference:	Sj89nw1407	W	551	5	383990
	Drilled Length (m):	Not Supplied				398200
	Borehole Name:	Booth Street Manchester 1				
	BGS Boreholes					
168	BGS Reference:	Sj89nw1408	W	551	5	383990
	Drilled Length (m):	Not Supplied				398200
	Borehole Name:	Booth Street Manchester 2				
	BGS Boreholes					
168	BGS Reference:	Sj89nw1409	W	551	5	383990
	Drilled Length (m):	Not Supplied				398200
	Borehole Name:	Booth Street Manchester 3				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes				
153	BGS Reference: Sj89nw3512 Drilled Length (m): Not Supplied Borehole Name: Bloom Street/Abingdon Street 4	SW	497	5	384320 397860
	BGS Boreholes				
154	BGS Reference: Sj89nw3573 Drilled Length (m): Not Supplied Borehole Name: Mosley Street Sewer Reconstruction 2	SW	493	5	384080 398110
	BGS Boreholes				
155	BGS Reference: Sj89nw205 Drilled Length (m): 122.99 Borehole Name: Manchester Fish & Meat Salesmen'S Ice Co Ltd	NE	500	5	384900 398680
	BGS Boreholes				
156	BGS Reference: Sj89nw208 Drilled Length (m): Not Supplied Borehole Name: G.P.O. Manchester	SW	509	5	384100 398040
	BGS Boreholes				
156	BGS Reference: Sj89nw3281 Drilled Length (m): Not Supplied Borehole Name: Post Office George St Manchester	SW	522	5	384110 398000
	BGS Boreholes				
156	BGS Reference: Sj89nw3540 Drilled Length (m): Not Supplied Borehole Name: Athenaeum Link Bh3	SW	536	5	384080 398020
	BGS Boreholes				
156	BGS Reference: Sj89nw3539 Drilled Length (m): Not Supplied Borehole Name: Athenaeum Link Bh2	SW	541	5	384080 398010
	BGS Boreholes				
156	BGS Reference: Sj89nw3538 Drilled Length (m): Not Supplied Borehole Name: Athenaeum Link Bh1	SW	549	5	384070 398010
	BGS Boreholes				
157	BGS Reference: Sj89nw2004 Drilled Length (m): Not Supplied Borehole Name: Shude Hill Withy Grove Sewer Replacement 4	NW	513	5	384170 398680
	BGS Boreholes				
158	BGS Reference: Sj89nw1351 Drilled Length (m): Not Supplied Borehole Name: Inner Ring Road Section 2 Phase 1 Manchester 17	NE	515	5	384780 398790
	BGS Boreholes				
158	BGS Reference: Sj89nw1350 Drilled Length (m): Not Supplied Borehole Name: Inner Ring Road Section 2 Phase 1 Manchester 16	NE	561	5	384820 398820
	BGS Boreholes				
159	BGS Reference: Sj89nw1154 Drilled Length (m): Not Supplied Borehole Name: London Road Fire Station Manchester 1	S	523	5	384700 397800
	BGS Boreholes				
160	BGS Reference: Sj89nw1320 Drilled Length (m): Not Supplied Borehole Name: Portland Street 4/4a	SW	525	5	384190 397910
	BGS Boreholes				
161	BGS Reference: Sj89nw3279 Drilled Length (m): Not Supplied Borehole Name: High School Manchester Ob	S	529	5	384460 397780
	BGS Boreholes				
161	BGS Reference: Sj89nw1497 Drilled Length (m): Not Supplied Borehole Name: Sackville Street 1	S	570	5	384450 397740

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
147	BGS Reference:	SJ89nw1155	S	492	5	384650
	Drilled Length (m):	Not Supplied				397820
	Borehole Name:	London Road Fire Station Manchester 2				
	BGS Boreholes					
148	BGS Reference:	SJ89nw1177	S	472	5	384620
	Drilled Length (m):	Not Supplied				397830
	Borehole Name:	Manchester Metropolitan University 3				
	BGS Boreholes					
148	BGS Reference:	SJ89nw3438	S	474	5	384500
	Drilled Length (m):	11				397830
	Borehole Name:	Canal Street Sewer Renewal Scheme 6				
	BGS Boreholes					
149	BGS Reference:	SJ89nw1313	S	475	5	384400
	Drilled Length (m):	Not Supplied				397850
	Borehole Name:	Sackville Gardens 2				
	BGS Boreholes					
149	BGS Reference:	SJ89nw1315	S	475	5	384400
	Drilled Length (m):	Not Supplied				397850
	Borehole Name:	Sackville Gardens T1				
	BGS Boreholes					
149	BGS Reference:	SJ89nw1314	S	501	5	384380
	Drilled Length (m):	Not Supplied				397830
	Borehole Name:	Sackville Gardens 3				
	BGS Boreholes					
149	BGS Reference:	SJ89nw3441	S	504	5	384370
	Drilled Length (m):	6				397830
	Borehole Name:	Canal Street Sewer Renewal Scheme 3				
	BGS Boreholes					
149	BGS Reference:	SJ89nw3435	S	508	5	384360
	Drilled Length (m):	7.1				397830
	Borehole Name:	Canal Street Sewer Renewal Scheme 3				
	BGS Boreholes					
150	BGS Reference:	SJ89nw2005	NW	479	5	384240
	Drilled Length (m):	Not Supplied				398700
	Borehole Name:	Shude Hill Withy Grove Sewer Replacement 5				
	BGS Boreholes					
151	BGS Reference:	SJ89nw3624	W	485	5	384060
	Drilled Length (m):	Not Supplied				398190
	Borehole Name:	Fountain Street Main Drainage 2				
	BGS Boreholes					
151	BGS Reference:	SJ89nw3623	W	522	5	384030
	Drilled Length (m):	Not Supplied				398180
	Borehole Name:	Fountain Street Main Drainage 1				
	BGS Boreholes					
152	BGS Reference:	SJ89nw3605	N	490	5	384650
	Drilled Length (m):	Not Supplied				398810
	Borehole Name:	Addington Street Improvement 4				
	BGS Boreholes					
153	BGS Reference:	SJ89nw3552	SW	492	5	384310
	Drilled Length (m):	Not Supplied				397870
	Borehole Name:	Sackville Street / Bloom Street 3				
	BGS Boreholes					
153	BGS Reference:	SJ89nw3550	SW	493	5	384330
	Drilled Length (m):	Not Supplied				397860
	Borehole Name:	Sackville Street / Bloom Street 1				
	BGS Boreholes					
153	BGS Reference:	SJ89nw3551	SW	493	5	384330
	Drilled Length (m):	Not Supplied				397860
	Borehole Name:	Sackville Street / Bloom Street 2				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
142	BGS Reference:	SJ89nw3446	S	450	5	384460
	Drilled Length (m):	6.6				397660
	Borehole Name:	Canal Street Sewer Renewal Scheme 8				
	BGS Boreholes					
142	BGS Reference:	SJ89nw3447	S	466	5	384480
	Drilled Length (m):	7.2				397840
	Borehole Name:	Canal Street Sewer Renewal Scheme 9				
	BGS Boreholes					
142	BGS Reference:	SJ89nw3448	S	466	5	384480
	Drilled Length (m):	5.2				397840
	Borehole Name:	Canal Street Sewer Renewal Scheme 10				
	BGS Boreholes					
142	BGS Reference:	SJ89nw1316	S	479	5	384420
	Drilled Length (m):	Not Supplied				397840
	Borehole Name:	Sackville Gardens T2				
	BGS Boreholes					
142	BGS Reference:	SJ89nw1312	S	482	5	384410
	Drilled Length (m):	Not Supplied				397840
	Borehole Name:	Sackville Gardens 1				
	BGS Boreholes					
143	BGS Reference:	SJ89nw317	SW	452	5	384260
	Drilled Length (m):	14.02				397950
	Borehole Name:	Portland Street & Car Park, Bh'S 6				
	BGS Boreholes					
144	BGS Reference:	SJ89nw5	SE	454	6	384940
	Drilled Length (m):	9.45				398060
	Borehole Name:	Manchester Corp. Near London Road Station				
	BGS Boreholes					
145	BGS Reference:	SJ89nw1552	NW	457	5	384290
	Drilled Length (m):	Not Supplied				398710
	Borehole Name:	Thomas Street High Street 2				
	BGS Boreholes					
145	BGS Reference:	SJ89nw2006	NW	481	5	384310
	Drilled Length (m):	Not Supplied				398750
	Borehole Name:	Shude Hill Withy Grove Sewer Replacement 6				
	BGS Boreholes					
146	BGS Reference:	SJ89nw3707	SW	464	5	384160
	Drilled Length (m):	Not Supplied				398030
	Borehole Name:	Chinese Car Park Manchester 3				
	BGS Boreholes					
146	BGS Reference:	SJ89nw3708	SW	480	5	384140
	Drilled Length (m):	Not Supplied				398030
	Borehole Name:	Chinese Car Park Manchester 2				
	BGS Boreholes					
146	BGS Reference:	SJ89nw3705	SW	486	5	384140
	Drilled Length (m):	Not Supplied				398020
	Borehole Name:	Chinese Car Park Manchester 1a				
	BGS Boreholes					
146	BGS Reference:	SJ89nw3598	SW	500	5	384130
	Drilled Length (m):	Not Supplied				398010
	Borehole Name:	George Street Sewer Replacement Scheme 3				
	BGS Boreholes					
147	BGS Reference:	SJ89nw1	S	470	5	384630
	Drilled Length (m):	9.14				397840
	Borehole Name:	Manchester Corp. Near London Road Station				
	BGS Boreholes					
147	BGS Reference:	SJ89nw1156	S	486	5	384670
	Drilled Length (m):	Not Supplied				397830
	Borehole Name:	London Road Fire Station Manchester 3				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
134	BGS Reference:	Sj89nw314	S	408	5	384610
	Drilled Length (m):	10.97				397900
	Borehole Name:	Aytoun Street Multi-Storey Car Park. 1-4				
	BGS Boreholes					
135	BGS Reference:	Sj89nw3597	SW	408	5	384180
	Drilled Length (m):	Not Supplied				398100
	Borehole Name:	George Street Sewer Replacement Scheme 2				
	BGS Boreholes					
136	BGS Reference:	Sj89nw1465	E	409	5	384950
	Drilled Length (m):	Not Supplied				398440
	Borehole Name:	Great Ancoats Street 5				
	BGS Boreholes					
137	BGS Reference:	Sj89nw4	SE	412	5	384840
	Drilled Length (m):	9.45				398010
	Borehole Name:	Manchester Corp. Near London Road Station				
	BGS Boreholes					
138	BGS Reference:	Sj89nw3572	W	418	5	384140
	Drilled Length (m):	Not Supplied				398160
	Borehole Name:	Mosley Street Sewer Reconstruction 1				
	BGS Boreholes					
139	BGS Reference:	Sj89nw3770	S	421	5	384550
	Drilled Length (m):	4.1				397880
	Borehole Name:	St Mary'S Bypass, Lowton Bh 16				
	BGS Boreholes					
139	BGS Reference:	Sj89nw1175	S	451	5	384550
	Drilled Length (m):	Not Supplied				397850
	Borehole Name:	Manchester Metropolitan University 1				
	BGS Boreholes					
139	BGS Reference:	Sj89nw243	S	464	5	384560
	Drilled Length (m):	108.05				397840
	Borehole Name:	Manchester Pure Ice Works, Whitworth Street				
	BGS Boreholes					
139	BGS Reference:	Sj89nw1176	S	471	5	384550
	Drilled Length (m):	Not Supplied				397830
	Borehole Name:	Manchester Metropolitan University 2				
	BGS Boreholes					
139	BGS Reference:	Sj89nw1178	S	471	5	384550
	Drilled Length (m):	Not Supplied				397830
	Borehole Name:	Manchester Metropolitan University 4				
	BGS Boreholes					
140	BGS Reference:	Sj89nw2905	N	429	5	384550
	Drilled Length (m):	Not Supplied				398760
	Borehole Name:	Swan Street 2				
	BGS Boreholes					
140	BGS Reference:	Sj89nw2906	N	429	5	384550
	Drilled Length (m):	Not Supplied				398760
	Borehole Name:	Swan Street 2a				
	BGS Boreholes					
141	BGS Reference:	Sj89nw3625	W	436	5	384100
	Drilled Length (m):	Not Supplied				398240
	Borehole Name:	Fountain Street Main Drainage 3				
	BGS Boreholes					
142	BGS Reference:	Sj89nw3445	S	442	5	384450
	Drilled Length (m):	4.6				397870
	Borehole Name:	Canal Street Sewer Renewal Scheme 7				
	BGS Boreholes					
142	BGS Reference:	Sj89nw3437	S	450	5	384460
	Drilled Length (m):	6.3				397860
	Borehole Name:	Canal Street Sewer Renewal Scheme 5				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
126	BGS Reference:	Sj89nw3555	NW	379	5	384260
	Drilled Length (m):	Not Supplied				398580
	Borehole Name:	Church Street / High Street 3				
	BGS Boreholes					
127	BGS Reference:	Sj89nw206	N	381	5	384440
	Drilled Length (m):	86.87				398700
	Borehole Name:	Boardman & Co, Oak Street				
	BGS Boreholes					
128	BGS Reference:	Sj89nw3444	S	382	5	384460
	Drilled Length (m):	4				397930
	Borehole Name:	Canal Street Sewer Renewal Scheme 6				
	BGS Boreholes					
128	BGS Reference:	Sj89nw3443	S	391	5	384460
	Drilled Length (m):	4.2				397920
	Borehole Name:	Canal Street Sewer Renewal Scheme 5				
	BGS Boreholes					
129	BGS Reference:	Sj89nw3	S	385	5	384650
	Drilled Length (m):	10.06				397930
	Borehole Name:	Manchester Corp, Near London Road Station				
	BGS Boreholes					
129	BGS Reference:	Sj89nw2	S	421	5	384690
	Drilled Length (m):	8.84				397900
	Borehole Name:	Manchester Corp, Near London Road Station				
	BGS Boreholes					
130	BGS Reference:	Sj89nw1577	SW	390	5	384240
	Drilled Length (m):	Not Supplied				398050
	Borehole Name:	Portland Street Manchester 1				
	BGS Boreholes					
131	BGS Reference:	Sj89nw1553	NW	392	5	384350
	Drilled Length (m):	Not Supplied				398670
	Borehole Name:	Thomas Street High Street 3				
	BGS Boreholes					
131	BGS Reference:	Sj89nw1555	NW	400	5	384370
	Drilled Length (m):	Not Supplied				398690
	Borehole Name:	Thomas Street High Street 5				
	BGS Boreholes					
131	BGS Reference:	Sj89nw1551	NW	436	5	384330
	Drilled Length (m):	Not Supplied				398710
	Borehole Name:	Thomas Street High Street 1				
	BGS Boreholes					
132	BGS Reference:	Sj89nw1554	NW	400	5	384280
	Drilled Length (m):	Not Supplied				398630
	Borehole Name:	Thomas Street High Street 4				
	BGS Boreholes					
133	BGS Reference:	Sj89nw3436	S	406	5	384410
	Drilled Length (m):	5.5				397920
	Borehole Name:	Canal Street Sewer Renewal Scheme 4a				
	BGS Boreholes					
133	BGS Reference:	Sj89nw3511	SW	417	5	384380
	Drilled Length (m):	Not Supplied				397920
	Borehole Name:	Bloom Street/Abingdon Street 3				
	BGS Boreholes					
133	BGS Reference:	Sj89nw3434	S	443	5	384410
	Drilled Length (m):	6.7				397880
	Borehole Name:	Canal Street Sewer Renewal Scheme 2				
	BGS Boreholes					
133	BGS Reference:	Sj89nw3442	S	453	5	384410
	Drilled Length (m):	4.7				397870
	Borehole Name:	Canal Street Sewer Renewal Scheme 4				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
118	BGS Reference:	Sj89nw1578	SW	376	5	384250
	Drilled Length (m):	Not Supplied				398060
	Borehole Name:	Portland Street Manchester 2				
	BGS Boreholes					
118	BGS Reference:	Sj89nw1582	SW	382	5	384250
	Drilled Length (m):	Not Supplied				398050
	Borehole Name:	Portland Street Manchester 6				
	BGS Boreholes					
118	BGS Reference:	Sj89nw342	SW	391	5	384200
	Drilled Length (m):	15.85				398100
	Borehole Name:	Barclay'S Bank, York Street. 3 Bh'S				
	BGS Boreholes					
119	BGS Reference:	Sj89nw1463	NE	354	5	384820
	Drilled Length (m):	Not Supplied				398560
	Borehole Name:	Great Ancoats Street 3				
	BGS Boreholes					
120	BGS Reference:	Sj89nw2011	W	357	5	384190
	Drilled Length (m):	Not Supplied				398420
	Borehole Name:	Obelisk, Market St. 1				
	BGS Boreholes					
120	BGS Reference:	Sj89nw343	W	380	5	384180
	Drilled Length (m):	15				398460
	Borehole Name:	High Street Manchester 2				
	BGS Boreholes					
121	BGS Reference:	Sj89nw31	NE	358	5	384890
	Drilled Length (m):	28.65				398460
	Borehole Name:	Manchester Corp. Rochdale Road Sewer				
	BGS Boreholes					
122	BGS Reference:	Sj89nw2904	N	358	5	384660
	Drilled Length (m):	Not Supplied				398670
	Borehole Name:	Swan Street 1c				
	BGS Boreholes					
122	BGS Reference:	Sj89nw29	N	360	5	384670
	Drilled Length (m):	25 91				398670
	Borehole Name:	Manchester Corp. Rochdale Road Sewer				
	BGS Boreholes					
122	BGS Reference:	Sj89nw1461	N	374	5	384680
	Drilled Length (m):	Not Supplied				398680
	Borehole Name:	Great Ancoats Street 1				
	BGS Boreholes					
123	BGS Reference:	Sj89nw1321	SW	361	5	384290
	Drilled Length (m):	Not Supplied				398040
	Borehole Name:	Portland Street 5/5a				
	BGS Boreholes					
123	BGS Reference:	Sj89nw1587	SW	375	5	384260
	Drilled Length (m):	Not Supplied				398050
	Borehole Name:	Portland Street Manchester 11				
	BGS Boreholes					
123	BGS Reference:	Sj89nw1586	SW	389	5	384250
	Drilled Length (m):	Not Supplied				398040
	Borehole Name:	Portland Street Manchester 10				
	BGS Boreholes					
124	BGS Reference:	Sj89nw3508	S	361	5	384550
	Drilled Length (m):	Not Supplied				397940
	Borehole Name:	Minshull Street Main Drainage				
	BGS Boreholes					
125	BGS Reference:	Sj89nw1462	NE	365	5	384740
	Drilled Length (m):	Not Supplied				398640
	Borehole Name:	Great Ancoats Street 2				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
114	BGS Reference:	Sj89nw1585	SW	319	5	384290 398100
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Portland Street Manchester 9				
	BGS Boreholes					
114	BGS Reference:	Sj89nw1581	SW	327	5	384280 398100
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Portland Street Manchester 5				
	BGS Boreholes					
114	BGS Reference:	Sj89nw1584	SW	340	5	384280 398080
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Portland Street Manchester 8				
	BGS Boreholes					
114	BGS Reference:	Sj89nw1589	SW	340	5	384290 398070
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Portland Street Manchester 13				
	BGS Boreholes					
114	BGS Reference:	Sj89nw1580	SW	341	5	384270 398090
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Portland Street Manchester 4				
	BGS Boreholes					
114	BGS Reference:	Sj89nw1583	SW	354	5	384270 398070
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Portland Street Manchester 7				
	BGS Boreholes					
114	BGS Reference:	Sj89nw1579	SW	361	5	384260 398070
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Portland Street Manchester 3				
	BGS Boreholes					
114	BGS Reference:	Sj89nw1588	SW	361	5	384280 398050
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Portland Street Manchester 12				
	BGS Boreholes					
115	BGS Reference:	Sj89nw3510	S	327	5	384450 397990
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Bloom Street/Abingdon Street 2				
	BGS Boreholes					
115	BGS Reference:	Sj89nw3433	S	358	5	384480 397950
	Drilled Length (m):	5.5				
	Borehole Name:	Canal Street Sewer Renewal Scheme 1				
	BGS Boreholes					
116	BGS Reference:	Sj89nw30	NE	333	5	384840 398500
	Drilled Length (m):	28.04				
	Borehole Name:	Manchester Corp. Ancoats				
	BGS Boreholes					
116	BGS Reference:	Sj89nw3504	NE	364	5	384870 398510
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Houldsworth Street/Little Ancoats Street 2				
	BGS Boreholes					
116	BGS Reference:	Sj89nw1464	NE	373	5	384880 398510
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Great Ancoats Street 4				
	BGS Boreholes					
117	BGS Reference:	Sj89nw3554	NW	349	5	384250 398520
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Church Street / High Street 2				
	BGS Boreholes					
118	BGS Reference:	Sj89nw295	SW	350	5	384250 398100
	Drilled Length (m):	Not Supplied				
	Borehole Name:	No Details				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
110	BGS Reference:	Sj89nw354	E	305	5	384850
	Drilled Length (m):	15				398230
	Borehole Name:	Central Retail Park Great Ancoats Street 2				
	BGS Boreholes					
110	BGS Reference:	Sj89nw355	E	305	5	384850
	Drilled Length (m):	15				398230
	Borehole Name:	Central Retail Park Great Ancoats Street 3				
	BGS Boreholes					
110	BGS Reference:	Sj89nw356	E	305	5	384850
	Drilled Length (m):	15				398230
	Borehole Name:	Central Retail Park Great Ancoats Street 4				
	BGS Boreholes					
110	BGS Reference:	Sj89nw357	E	305	5	384850
	Drilled Length (m):	10				398230
	Borehole Name:	Central Retail Park Great Ancoats Street 5				
	BGS Boreholes					
110	BGS Reference:	Sj89nw358	E	305	5	384850
	Drilled Length (m):	15				398230
	Borehole Name:	Central Retail Park Great Ancoats Street 6				
	BGS Boreholes					
110	BGS Reference:	Sj89nw359	E	305	5	384850
	Drilled Length (m):	15				398230
	Borehole Name:	Central Retail Park Great Ancoats Street 7				
	BGS Boreholes					
110	BGS Reference:	Sj89nw360	E	305	5	384850
	Drilled Length (m):	15				398230
	Borehole Name:	Central Retail Park Great Ancoats Street 8				
	BGS Boreholes					
110	BGS Reference:	Sj89nw361	E	305	5	384850
	Drilled Length (m):	10				398230
	Borehole Name:	Central Retail Park Great Ancoats Street 9				
	BGS Boreholes					
111	BGS Reference:	Sj89nw352	S	302	5	384530
	Drilled Length (m):	15				398000
	Borehole Name:	Manchester Fpc/3235. Bh.3				
	BGS Boreholes					
111	BGS Reference:	Sj89nw3535	S	302	5	384570
	Drilled Length (m):	Not Supplied				398000
	Borehole Name:	Aytoun Street Manchester Bh1				
	BGS Boreholes					
111	BGS Reference:	Sj89nw3536	S	311	5	384550
	Drilled Length (m):	Not Supplied				397990
	Borehole Name:	Aytoun Street Manchester Bh2				
	BGS Boreholes					
111	BGS Reference:	Sj89nw3537	S	321	5	384540
	Drilled Length (m):	Not Supplied				397980
	Borehole Name:	Aytoun Street Manchester Bh3				
	BGS Boreholes					
112	BGS Reference:	Sj89nw1556	N	302	5	384460
	Drilled Length (m):	Not Supplied				398620
	Borehole Name:	Thomas Street High Street 6				
	BGS Boreholes					
113	BGS Reference:	Sj89nw2907	NE	310	5	384700
	Drilled Length (m):	Not Supplied				398600
	Borehole Name:	Lever Street 1				
	BGS Boreholes					
114	BGS Reference:	Sj89nw1590	SW	318	5	384300
	Drilled Length (m):	Not Supplied				398090
	Borehole Name:	Portland Street Manchester 14				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
104	BGS Reference:	Sj89nw351	S	294	5	384510
	Drilled Length (m):	18				398010
	Borehole Name:	Manchester Fnc/3235, Bh.2				
	BGS Boreholes					
105	BGS Reference:	Sj89nw1341	SW	262	5	384350
	Drilled Length (m):	Not Supplied				398120
	Borehole Name:	City Centre - Phase 2 37				
	BGS Boreholes					
105	BGS Reference:	Sj89nw335	SW	272	5	384310
	Drilled Length (m):	20.42				398150
	Borehole Name:	Piccadilly Hotel, No.4 Bh				
	BGS Boreholes					
106	BGS Reference:	Sj89nw541	NW	272	5	384360
	Drilled Length (m):	15.24				398530
	Borehole Name:	Church St Car Pk Manch Bh 3				
	BGS Boreholes					
107	BGS Reference:	Sj89nw3778	NE	283	5	384760
	Drilled Length (m):	5				398520
	Borehole Name:	Dale Street/Stevenson Square/Newton Street Bh 1				
	BGS Boreholes					
107	BGS Reference:	Sj89nw3503	NE	297	5	384770
	Drilled Length (m):	Not Supplied				398530
	Borehole Name:	Houldsworth Street/Little Ancoats Street 1				
	BGS Boreholes					
108	BGS Reference:	Sj89nw336	SW	292	5	384280
	Drilled Length (m):	23.77				398160
	Borehole Name:	Piccadilly Hotel, Tower Block No.7				
	BGS Boreholes					
108	BGS Reference:	Sj89nw337	SW	318	5	384240
	Drilled Length (m):	23.93				398180
	Borehole Name:	Piccadilly Hotel, Tower Block No.10				
	BGS Boreholes					
108	BGS Reference:	Sj89nw3596	SW	336	5	384230
	Drilled Length (m):	Not Supplied				398160
	Borehole Name:	George Street Sewer Replacement Scheme 1				
	BGS Boreholes					
109	BGS Reference:	Sj89nw1557	NW	293	5	384410
	Drilled Length (m):	Not Supplied				398590
	Borehole Name:	Thomas Street High Street 7				
	BGS Boreholes					
110	BGS Reference:	Sj89nw362	E	299	5	384850
	Drilled Length (m):	10				398250
	Borehole Name:	Central Retail Park Great Ancoats Street 10				
	BGS Boreholes					
110	BGS Reference:	Sj89nw363	E	299	5	384850
	Drilled Length (m):	15				398250
	Borehole Name:	Central Retail Park Great Ancoats Street 11				
	BGS Boreholes					
110	BGS Reference:	Sj89nw364	E	299	5	384850
	Drilled Length (m):	15				398250
	Borehole Name:	Central Retail Park Great Ancoats Street 12				
	BGS Boreholes					
110	BGS Reference:	Sj89nw365	E	299	5	384850
	Drilled Length (m):	15				398250
	Borehole Name:	Central Retail Park Great Ancoats Street 13				
	BGS Boreholes					
110	BGS Reference:	Sj89nw353	E	305	5	384850
	Drilled Length (m):	15				398230
	Borehole Name:	Central Retail Park Great Ancoats Street 1				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
98	BGS Reference:	SJ89nw1270	W	170	5	384360 398310
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Picadilly Gardens Tp1				
	BGS Boreholes					
99	BGS Reference:	SJ89nw1322	SW	185	5	384410 398170
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Portland Street 6				
	BGS Boreholes					
99	BGS Reference:	SJ89nw1274	SW	199	5	384400 398160
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Picadilly Gardens Tp5				
	BGS Boreholes					
100	BGS Reference:	SJ89nw3779	NE	198	5	384700 398460
	Drilled Length (m):	5				
	Borehole Name:	Dale Street/Stevenson Square/Newton Street Bh 2				
	BGS Boreholes					
101	BGS Reference:	SJ89nw3553	NW	209	5	384390 398470
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Church Street / High Street 1				
	BGS Boreholes					
101	BGS Reference:	SJ89nw539	NW	215	5	384410 398490
	Drilled Length (m):	15.24				
	Borehole Name:	Church St Car Pk Manch Bh 1				
	BGS Boreholes					
101	BGS Reference:	SJ89nw540	NW	249	5	384380 398510
	Drilled Length (m):	10.97				
	Borehole Name:	Church St Car Pk Manch Bh 2				
	BGS Boreholes					
102	BGS Reference:	SJ89nw2908	NE	225	5	384650 398530
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Lever Street 2				
	BGS Boreholes					
102	BGS Reference:	SJ89nw318	NE	226	5	384680 398520
	Drilled Length (m):	12.19				
	Borehole Name:	Manchester Letter Sorting Office, Newton St. 5bh'S				
	BGS Boreholes					
103	BGS Reference:	SJ89nw543	NW	231	5	384410 398520
	Drilled Length (m):	7.62				
	Borehole Name:	Church St Car Pk Manch Bh 5				
	BGS Boreholes					
103	BGS Reference:	SJ89nw545	NW	235	5	384450 398540
	Drilled Length (m):	13.41				
	Borehole Name:	Church St Car Pk Manch Bh 7				
	BGS Boreholes					
103	BGS Reference:	SJ89nw542	NW	251	5	384380 398540
	Drilled Length (m):	7.62				
	Borehole Name:	Church St Car Pk Manch Bh 4				
	BGS Boreholes					
103	BGS Reference:	SJ89nw544	NW	265	5	384400 398550
	Drilled Length (m):	15.24				
	Borehole Name:	Church St Car Pk Manch Bh 6				
	BGS Boreholes					
104	BGS Reference:	SJ89nw3509	S	244	5	384510 398050
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Bloom Street/Abingdon Street 1				
	BGS Boreholes					
104	BGS Reference:	SJ89nw350	S	264	5	384510 398040
	Drilled Length (m):	10				
	Borehole Name:	Manchester Fac/3235. Bh.1				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
90	BGS Reference:	Sj89nw3781	NE	16	5	384560
	Drilled Length (m):	5				398340
	Borehole Name:	Dale Street/Stevenson Square/Newton Street Bh 4				
	BGS Boreholes					
90	BGS Reference:	Sj89nw3782	N	30	5	384540
	Drilled Length (m):	5.5				398360
	Borehole Name:	Dale Street/Stevenson Square/Newton Street Bh 5				
	BGS Boreholes					
91	BGS Reference:	Sj89nw1340	E	51	5	384610
	Drilled Length (m):	Not Supplied				398320
	Borehole Name:	City Centre - Phase 2 36				
	BGS Boreholes					
92	BGS Reference:	Sj89nw1272	SW	64	5	384490
	Drilled Length (m):	Not Supplied				398260
	Borehole Name:	Picadilly Gardens Tp3				
	BGS Boreholes					
92	BGS Reference:	Sj89nw1271	SW	72	5	384470
	Drilled Length (m):	Not Supplied				398270
	Borehole Name:	Picadilly Gardens Tp2				
	BGS Boreholes					
92	BGS Reference:	Sj89nw1273	SW	92	5	384470
	Drilled Length (m):	Not Supplied				398240
	Borehole Name:	Picadilly Gardens Tp4				
	BGS Boreholes					
92	BGS Reference:	Sj89nw1323	SW	95	5	384480
	Drilled Length (m):	Not Supplied				398230
	Borehole Name:	Portland Street 7				
	BGS Boreholes					
93	BGS Reference:	Sj89nw2909	N	70	5	384540
	Drilled Length (m):	Not Supplied				398400
	Borehole Name:	Lever Street 3				
	BGS Boreholes					
94	BGS Reference:	Sj89nw3784	NE	104	5	384600
	Drilled Length (m):	4.5				398420
	Borehole Name:	Dale Street/Stevenson Square/Newton Street Bh 7				
	BGS Boreholes					
94	BGS Reference:	Sj89nw3785	NE	110	5	384610
	Drilled Length (m):	7				398420
	Borehole Name:	Dale Street/Stevenson Square/Newton Street Bh 7a				
	BGS Boreholes					
95	BGS Reference:	Sj89nw3541	E	111	5	384670
	Drilled Length (m):	4.57				398330
	Borehole Name:	Hilton Street Manchester 1				
	BGS Boreholes					
95	BGS Reference:	Sj89nw3543	E	111	5	384670
	Drilled Length (m):	1.52				398330
	Borehole Name:	Hilton Street Manchester 3				
	BGS Boreholes					
95	BGS Reference:	Sj89nw3542	E	122	5	384660
	Drilled Length (m):	4.57				398340
	Borehole Name:	Hilton Street Manchester 2				
	BGS Boreholes					
96	BGS Reference:	Sj89nw3780	NE	117	5	384650
	Drilled Length (m):	6.3				398380
	Borehole Name:	Dale Street/Stevenson Square/Newton Street Bh 3				
	BGS Boreholes					
97	BGS Reference:	Sj89nw3783	NW	117	5	384470
	Drilled Length (m):	7				398420
	Borehole Name:	Dale Street/Stevenson Square/Newton Street Bh 6				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Registered Landfill Sites				
88	Licence Holder: Peter Birse Ltd Licence Reference: 00440/86 Site Location: Palmerston Street,Great Ancoats Street,Ardwick,Manchester,Greater Manchester Licence Easting: 385650 Licence Northing: 397800 Operator Location: Clarence House,Mellor Road,Cheadle Hulme,STOCKPORT,Cheshire,SK8 5AT Authority: Environment Agency - North West Region, South Area Site Category: Landfill Maximum Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source Restrictions: Waste produced/controlled by licence holder Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Dated: 1st August 1986 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Ceramic Materials Construction Ind. Wastes Glass Metals D Similar Non Leachate Forming Materials Soil,Clay,Sand Stone,Brick,Concrete,Slate Prohibited Waste: Animal Flesh Chemical Waste Of Any Nature Fibreglass Foodstuffs Liquid Wastes Paper/Cardboard Waste Plasterboard Plastics Sawdust Sludge Wastes Textiles Vegetable Matter Waste Forming Polluting Leachate Wood	E	919	2	385420 397990
	Registered Waste Transfer Sites				
89	Licence Holder: British Gas Plc Licence Reference: 00977 Site Location: Gould Street,Manchester,Greater Manchester Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Transfer Maximum Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Licence Status: Site exempt from licence Dated: 1st June 1995 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Licenced Wastes Not To Hand	N	883	2	384700 399200

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Licensed Waste Management Facilities (Locations)				
85	Licence Number: 50328 Location: 35 - 39 Oldham Road,Manchester,M4 5FG Operator Name: Brendan J Kershaw & Winston Brown Operator Location: 35 - 39 Oldham Road,Manchester,M4 5FG Authority: Environment Agency - North West Region, South Area Site Category: End of Life Vehicles Licence Status: Issued Issued: 10th August 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	NE	559	2	384770 398840
	Licensed Waste Management Facilities (Locations)				
86	Licence Number: 83361 Location: New Islington Street,Ancoats,Manchester,M4 Operator Name: Biogenie Site Remediation Operator Location: Eagle House,The Ring,Bracknell,Berkshire,RG12 1HB Authority: Environment Agency - Thames Region, South East Area Site Category: Mobile Plant Licence Status: Issued Issued: 20th February 2002 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Manually positioned within the geographical locality	NE	831	2	385320 398650
	Licensed Waste Management Facilities (Locations)				
87	Licence Number: 53583 Location: Temperance Street,Ardwick,Manchester,M12 6HS Operator Name: Pye Metals Ltd Operator Location: Middlewood Properties,45 Chorley New Road,Bolton,Lancs,BL1 4QR Authority: Environment Agency - North West Region, South Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Issued Issued: 11th October 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	SE	962	2	385300 397700
	Local Authority Landfill Coverage				
	Name: Manchester City Council - Has not been able to supply Landfill data	-	0	4	384540 398320
	Local Authority Landfill Coverage				
	Name: Salford Metropolitan District Council - Has no landfill data to supply	NW	849	3	383780 398730

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Source Protection Zones				
	Name: Strangeways Source: Environment Agency, Head Office Reference: Nw133 Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	NW	897	2	383880 398930
	Extreme Flooding from Rivers or Sea without Defences				
	Description None	-	-	-	-
	Flooding from Rivers or Sea without Defences				
	Description None	-	-	-	-
	Areas Benefiting from Flood Defences				
	Description None	-	-	-	-
	Flood Water Storage Areas				
	Description None	-	-	-	-
	Flood Defences				
	Description None	-	-	-	-
	River Flood Data (Scotland)				
	Description None	-	-	-	-

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Water Abstractions*					
Operator:	Packaging Products Ltd	N	1827	2	385000 400100
Licence Number:	2569005015				
Permit Version:	101				
Location:	B/Hole, Little Green Works, Collyhurst Rd, Manchester 10				
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:	Groundwater				
Daily Rate (m3):	Not Supplied				
Yearly Rate (m3):	Not Supplied				
Details:	Premises At Little Green Works				
Authorised Start:	01 January				
Authorised End:	31 December				
Permit Start Date:	28th October 2004				
Permit End Date:	Not Supplied				
Positional Accuracy:	Located by supplier to within 100m				
Water Abstractions					
Operator:	Packaging Products Ltd	N	1828	2	385000 400100
Licence Number:	2569005015				
Permit Version:	100				
Location:	B/Hole, Little Green Works, Collyhurst Rd, Manchester 10				
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:	Groundwater				
Daily Rate (m3):	1637				
Yearly Rate (m3):	438689				
Details:	Premises At Little Green Works				
Authorised Start:	01 January				
Authorised End:	31 December				
Permit Start Date:	21st February 1995				
Permit End Date:	Not Supplied				
Positional Accuracy:	Located by supplier to within 100m				
Groundwater Vulnerability					
Geological Classification:	Major Aquifer (Highly permeable) - These are highly permeable formations usually with a known or probable presence of significant fracturing. They may be highly productive and able to support large abstractions for public water supply and other purposes	-	0	2	384540 398320
Soil Classification:	Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise				
Map Sheet:	Sheet 17 Derbyshire & North Staffordshire				
Scale:	1:100,000				
Drift Deposits					
Drift Deposit:	Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium	-	0	2	384540 398320
Map Sheet:	Sheet 17 Derbyshire & North Staffordshire				
Scale:	1:100,000				
Source Protection Zones					
Name:	Strangeways	-	0	2	384540 398320
Source:	Environment Agency, Head Office				
Reference:	Nw133				
Type:	Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.				
Source Protection Zones					
Name:	Various	-	0	2	384540 398320
Source:	Environment Agency, Head Office				
Reference:	Not Supplied				
Type:	Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Water Abstractions				
	Operator: Joseph Holt Ltd Licence Number: 2569004011 Permit Version: 100 Location: Borehole At Derby Brewery, Cheetham, Manchester 3 Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 182 Yearly Rate (m3): 45460 Details: Derby Brewery, Cheetham, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	N	1440	2	384100 399700
	Water Abstractions				
	Operator: Joseph Holt Ltd Licence Number: 2569004011 Permit Version: 100 Location: Borehole At Derby Brewery, Cheetham, Manchester 3 Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: 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: Derby Brewery, Cheetham, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	N	1440	2	384100 399700
	Water Abstractions				
	Operator: Lancashire Dairies Ltd Licence Number: 2569004021 Permit Version: 100 Location: Borehole At Premises, Derby Street, Cheetham, Manchester Authority: Environment Agency, North West Region Abstraction: Dairies: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 436 Yearly Rate (m3): 159110 Details: Premises At Derby St,Cheetham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	NW	1605	2	383900 399800
	Water Abstractions				
	Operator: Lancashire Dairies Ltd Licence Number: 2569004021 Permit Version: 100 Location: Borehole At Premises, Derby Street, Cheetham, Manchester Authority: Environment Agency, North West Region Abstraction: Dairies: General Cooling (Existing Licences Only) (Low Loss) 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 Derby St,Cheetham Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1605	2	383900 399800

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Water Abstractions					
Operator:	Dunlop Rubber Co Limited	SW	1230	2	384000
Licence Number:	2569007027				397200
Permit Version:	Not Supplied				
Location:	Borehole,Cambridge Street,MANCHESTER				
Authority:	Environment Agency, North West Region				
Abstraction:	Cooling				
Abstraction Type:	Not Supplied				
Source:	Groundwater				
Daily Rate (m3):	1811				
Yearly Rate (m3):	154564				
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				
Water Abstractions					
Operator:	Threlfalls (Salford) Ltd.	W	1417	2	383200
Licence Number:	2569006009				398800
Permit Version:	Not Supplied				
Location:	Four Boreholes,Cook Street,SALFORD				
Authority:	Environment Agency, North West Region				
Abstraction:	Cooling & Manufacturing				
Abstraction Type:	Not Supplied				
Source:	Groundwater				
Daily Rate (m3):	977				
Yearly Rate (m3):	227300				
Details:	Additional Purpose: Cooling: 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				
Water Abstractions					
Operator:	British Waterways	E	1422	2	385900
Licence Number:	2569006990				398800
Permit Version:	100				
Location:	Ashton Canal, Manchester [Distillers, Ancoats]				
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):	750090				
Details:	(Lancashire Tar Distillers				
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				
Water Abstractions					
Operator:	British Waterways Board	E	1424	2	385900
Licence Number:	2569006030				398800
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				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: 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: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1153	2	383850 399250
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) 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 Strangeways, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1153	2	383850 399250
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: 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 Strangeways Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1153	2	383850 399250
	Water Abstractions				
	Operator: Bovis Lend Lease Ltd Licence Number: 2569007089 Permit Version: 1 Location: 2 Boreholes At Gartside Street Manchester Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: 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: Land At Gartside Street Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th January 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	W	1195	2	383340 398310

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: 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 Strangeways Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1142	2	383830 399220
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1153	2	383850 399250
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: 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: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1153	2	383850 399250
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 1) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1153	2	383850 399250

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
Water Abstractions					
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Process Water Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1142	2	383830 399220
Water Abstractions					
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1142	2	383830 399220
Water Abstractions					
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: 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: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1142	2	383830 399220
Water Abstractions					
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) 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 Strangeways, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1142	2	383830 399220

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 2) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1125	2	383820 399190
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 2) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) 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 Strangeways, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1125	2	383820 399190
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 102 Location: Borehole (No 2) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: 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 Strangeways Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1125	2	383820 399190
	Water Abstractions				
	Operator: Interbrew Uk Ltd Licence Number: 2569004023 Permit Version: 101 Location: Borehole (No 3) At Premises, Strangeways, Manchester Authority: Environment Agency, North West Region Abstraction: Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Strangeways Brewery, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 25th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	NW	1142	2	383830 399220

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
Water Abstractions						
	Operator:	Moseley Rubber Co Ltd	SE	1028	2	385240 397540
	Licence Number:	2569006001				
	Permit Version:	100				
	Location:	Borehole At Premises, Broadie St, Ardwick, Manchester				
	Authority:	Environment Agency, North West Region				
	Abstraction:	Rubber: General Cooling (Existing Licences Only) (Low Loss)				
	Abstraction Type:	Water may be abstracted from a single point				
	Source:	Groundwater				
	Daily Rate (m3):	909				
	Yearly Rate (m3):	331858				
	Details:	Premises At Broadie St., Ardwick				
	Authorised Start:	01 January				
	Authorised End:	31 December				
	Permit Start Date:	8th February 1966				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
Water Abstractions						
	Operator:	Interbrew Uk Ltd	NW	1125	2	383820 399190
	Licence Number:	2569004023				
	Permit Version:	101				
	Location:	Borehole (No 2) At Premises, Strangeways, Manchester				
	Authority:	Environment Agency, North West Region				
	Abstraction:	Breweries/Wine: Drinking, Cooking, Sanitary, Washing, (Small Garden)				
	Abstraction Type:	Water may be abstracted from a single point				
	Source:	Groundwater				
	Daily Rate (m3):	682				
	Yearly Rate (m3):	194755				
	Details:	Strangeways Brewery, Manchester				
	Authorised Start:	01 January				
	Authorised End:	31 December				
	Permit Start Date:	25th May 2000				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
Water Abstractions						
	Operator:	Interbrew Uk Ltd	NW	1125	2	383820 399190
	Licence Number:	2569004023				
	Permit Version:	101				
	Location:	Borehole (No 2) At Premises, Strangeways, Manchester				
	Authority:	Environment Agency, North West Region				
	Abstraction:	Breweries/Wine: 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:	Strangeways Brewery, Manchester				
	Authorised Start:	01 January				
	Authorised End:	31 December				
	Permit Start Date:	25th May 2000				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				
Water Abstractions						
	Operator:	Interbrew Uk Ltd	NW	1125	2	383820 399190
	Licence Number:	2569004023				
	Permit Version:	102				
	Location:	Borehole (No 2) At Premises, Strangeways, Manchester				
	Authority:	Environment Agency, North West Region				
	Abstraction:	Breweries/Wine: 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:	Strangeways Brewery, Manchester				
	Authorised Start:	01 January				
	Authorised End:	31 December				
	Permit Start Date:	1st January 2004				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 10m				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Water Abstractions					
77	Operator:	North Western Electricity Board	SW	747	2	384100 397700
	Licence Number:	2569006023				
	Permit Version:	Not Supplied				
	Location:	Rochdale Canal,Dickinson Street,MANCHESTER				
	Authority:	Environment Agency, North West Region				
	Abstraction:	Cooling				
	Abstraction Type:	Not Supplied				
	Source:	Canal				
	Daily Rate (m3):	82				
	Yearly Rate (m3):	25230				
	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				
	Water Abstractions					
78	Operator:	British Telecom	NW	916	2	383700 398700
	Licence Number:	2569007070				
	Permit Version:	100				
	Location:	Borehole At Dial House, Chapel St, Salford				
	Authority:	Environment Agency, North West Region				
	Abstraction:	Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (High Loss)				
	Abstraction Type:	Water may be abstracted from a single point				
	Source:	Groundwater				
	Daily Rate (m3):	30				
	Yearly Rate (m3):	45				
	Details:	Premises At Dial House, Salford				
	Authorised Start:	01 January				
	Authorised End:	31 December				
	Permit Start Date:	27th January 1971				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 100m				
	Water Abstractions					
78	Operator:	British Telecommunications Plc	NW	916	2	383700 398700
	Licence Number:	2569007070				
	Permit Version:	101				
	Location:	Borehole At Dial House, Chapel St, Salford				
	Authority:	Environment Agency, North West Region				
	Abstraction:	Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (High Loss)				
	Abstraction Type:	Water may be abstracted from a single point				
	Source:	Groundwater				
	Daily Rate (m3):	Not Supplied				
	Yearly Rate (m3):	Not Supplied				
	Details:	Premises At Dial House, Salford				
	Authorised Start:	01 January				
	Authorised End:	31 December				
	Permit Start Date:	1st April 1984				
	Permit End Date:	Not Supplied				
	Positional Accuracy:	Located by supplier to within 100m				

2.5 Environmental Study

2.5.1 We have instructed Envirocheck to carry out a search of their records and report on the following aspects: -

Agency and Hydrological

Air Pollution Controls ("APC")
Discharge Consents to Controlled Waters
Enforcement and Prohibition Notices
Integrated Pollution Controls ("IPC")
Nearest Surface Water Feature
Pollution Incidents to Controlled Waters
Prosecutions relating to Authorised Processes
Prosecutions to Controlled Waters
Red List Discharge Consents
Radioactive Substance Authorisations ("RSA")
River Quality Data
Water Abstractions
Groundwater Vulnerability
Drift Deposits
Fluvial Indicative Flood Plain
Tidal Indicative Flood Plain
Source Protection Zones

Waste

BGS Recorded Landfill Sites
Integrated Pollution Control registered Waste Sites
Registered Waste Transfer Sites
Registered Waste Treatment or Disposal Sites
Registered Landfill Sites

Hazardous Substances

Planning Hazardous Substance Consents
Planning Hazardous Substance Enforcements
COMAH Sites
Explosive Sites
NIHHS Sites

Geological

BGS Boreholes
BGS Recorded Mineral Sites
BGS 1:625,000 Surface Geology
Coal Mining Affected Areas
Shallow Mining Hazards
Natural Subsidence Hazard
Radon Affected Area
Radon Protection Measures

Industrial Land Use

Contemporary Trade Directory Entries (of possible contaminative use)
Fuel Station Entries
Post 1995 Planning Applications (of possible contaminative use)
Potentially Contaminative Uses (Past Use)
Potentially Contaminative Uses (Non-Water Related)
Potentially Contaminative Uses (Water Related)
Nearest Overhead Transmission Line

Sensitive Land Use

Adopted Green Belt
Unadopted Green Belt
Areas of Outstanding Natural Beauty
Environmentally Sensitive Areas
Forest Parks
Local Nature Reserves
Marine Nature Reserves
National Nature Reserves
National Parks
National Scenic Areas
Nitrate Sensitive Areas
Nitrate Vulnerable Zones
RAMSAR Sites
Sites of Special Scientific Interest ("SSSI")
Special Areas of Conservation
Special Protection Areas

2.5.2 A copy of records produced by Envirocheck is presented in Appendix J.

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
441	Name:	World Of Cleaning Ltd	NE	749	-	385070
	Location:	62,Silk Street,Manchester,M4 6BJ				398870
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
442	Name:	Made In Manchester Ltd	NE	751	-	385140
	Location:	30a,Poland Street,Manchester,M4 6BH				398790
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
442	Name:	Altimo Clothing Co	NE	780	-	385140
	Location:	Unit 106,George Leigh Street,Manchester,M4 6BD				398840
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
442	Name:	R K Ross & Co Ltd	NE	780	-	385140
	Location:	George Leigh Street,Manchester,M4 6BD				398840
	Classification:	Textile Manufacturing				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
443	Name:	Davidson Powell Design	W	759	-	383780
	Location:	40,John Dalton Street,Manchester,M2 6LE				398190
	Classification:	Jewellery Manufacturers & Repairers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
444	Name:	Harrison Cleaning Specialists	W	759	-	383770
	Location:	ST ANNES STREET,Manchester,Lancashire,M60 6AQ				398370
	Classification:	Commercial Cleaning Services				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
444	Name:	Dixons	W	772	-	383760
	Location:	22,St. Anns Square,Manchester,M2 7JB				398410
	Classification:	Electrical Goods Sales, Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
445	Name:	Gorman Shorrock & Davies Ltd	SE	762	-	385220
	Location:	52,Heyrod Street,Manchester,M1 2WW				397940
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
445	Name:	K M Print Design	SE	762	-	385220
	Location:	52,Heyrod Street,Manchester,Lancashire,M1 2WW				397940
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID		Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
446	Name:	Laundry Shop	SW	762	-	383930
	Location:	Peter House,Oxford Street,Manchester,Lancashire,M1 5AN				397850
	Classification:	Dry Cleaners				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
447	Name:	Zed Two	SW	766	-	384030
	Location:	131-133 Portland St,Manchester,Lancashire,M1 4PZ				397730
	Classification:	Toys, Games & Sporting Goods - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
448	Name:	Lewin	W	766	-	383760
	Location:	44,King Street,Manchester,Lancashire,M2 6BA				398290
	Classification:	Shirt Makers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
449	Name:	Northern Fires	N	768	-	384650
	Location:	3-9,Gould Street,Manchester,Lancashire M4 4BY				399090
	Classification:	Fireplaces & Mantelpieces				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
449	Name:	Marble Brewery	N	774	-	384670
	Location:	73,Rochdale Road,Manchester,M4 4HY				399100
	Classification:	Brewers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
450	Name:	Sandys (Uk) Ltd	W	771	-	383770
	Location:	6,St. Anns Square,Manchester,M2 7HN				398450
	Classification:	Sports Equipment Manufacturers & Distributors				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
451	Name:	Bill Howarth	NE	773	-	385190
	Location:	109,Jersey Street,Manchester,M4 6JG				398760
	Classification:	Scrap Metal Merchants				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
452	Name:	First North Western	SW	773	-	384160
	Location:	Bridgewater House,58,Whitworth Street,Manchester,M1 6LS				397630
	Classification:	Railways				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
453	Name:	Acorn	SW	779	-	384080
	Location:	St. James Buildings,79,Oxford Street,Manchester,M1 6FQ				397680
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
453	Name:	Faupel Plc	SW	779	-	384080
	Location:	St. James Buildings,79,Oxford Street,Manchester,Lancashire,M1 6FQ				397680
	Classification:	Soft Furnishings - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
453	Name:	Jany (Uk)	SW	779	-	384080
	Location:	St. James Buildings,79,Oxford Street,Manchester,Lancashire,M1 6FQ				397680
	Classification:	Commercial Vehicle Bodybuilders & Repairers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
454	Name:	F Dunn & Sons	E	779	-	385340
	Location:	Vesta St,Aricoats,Manchester,M4 6DS				398310
	Classification:	Car Body Repairs				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
455	Name:	P A Metals	SE	797	-	385280
	Location:	7,Adair Street,Manchester,Lancashire,M1 2NQ				397980
	Classification:	Scrap Metal Merchants				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
455	Name:	Armstrong	SE	797	-	385280
	Location:	1,Adair Street,Manchester,Lancashire,M1 2NQ				397980
	Classification:	Office Furniture & Equipment				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
455	Name:	Gorton	SE	797	-	385280
	Location:	Aeroworks,5,Adair Street,Manchester,Lancashire,M1 2NQ				397980
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
455	Name:	Gorton Bros Ltd	SE	797	-	385280
	Location:	Aeroworks,5,Adair Street,Manchester,Lancashire,M1 2NQ				397980
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
456	Name:	Ilfaq Knitwear	SE	798	-	384910
	Location:	27,Berry Street,Manchester,M1 2PP				397590
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
456	Name:	Flowplant Group Ltd	SE	798	-	384910
	Location:	27,Berry Street,Manchester,Lancashire,M1 2PP				397590
	Classification:	Pumps - Sales, Servicing & Repairs				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
456	Name:	Delprint Display	SE	798	-	384910
	Location:	26 Buxton St,Manchester,M1 2PT				397590
	Classification:	Screen Process Printers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
457	Name:	Advanced Photo	W	814	-	383720
	Location:	25,John Dalton Street,Manchester,M2 6FW				398240
	Classification:	Photographic Processors				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
457	Name:	Instadrinks Ltd	W	833	-	383700
	Location:	Ridgefield House,14,John Dalton Street,Manchester,Lancashire,M2 6JR				398200
	Classification:	Vending Machine Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
457	Name:	Commercial Facilities	W	833	-	383700
	Location:	Ridgefield House,14,John Dalton Street,Manchester,Lancashire,M2 6JR				398200
	Classification:	Cleaning Services - Commercial				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
458	Name:	Church Lane Garage	N	814	-	384610
	Location:	19-43,Gould Street,Manchester,M4 4FD				399140
	Classification:	Mot Testing Centres				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
459	Name:	Orient Express Northern Bel	NW	814	-	384030
	Location:	Victoria Station,1,Todd Street,Manchester,M3 1PB				398960
	Classification:	Railways				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
460	Name:	Little Star	SE	819	-	384970
	Location:	58,Baring Street,Manchester,Lancashire M1 2PY				397600
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
461	Name:	Harry Shore & Co	N	827	-	384310
	Location:	Unit 15 Red Bank Pde,Aspin La,Manchester,M4 4HF				399120
	Classification:	Printers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
462	Name:	William Hodgson & Co	SW	831	-	384030
	Location:	Sixth Floor,Churchgate House,56,Oxford Street,Manchester,Lancashire,M1 6EU				397650
	Classification:	Oils - Edible				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
463	Name:	Logistica Fleet Services	SE	834	-	385260
	Location:	St. Andrews Square,Manchester,M1 2NS				397870
	Classification:	Commercial Vehicle Servicing, Repairs, Parts & Accessories				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
463	Name:	Rockbar	SE	834	-	385260
	Location:	St. Andrews Square,Manchester,M1 2NS				397870
	Classification:	Road Haulage Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
463	Name:	T T Express	SE	834	-	385260
	Location:	St. Andrews Square,Manchester,M1 2NS				397870
	Classification:	Road Haulage Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
463	Name:	Arriva North West Ltd	SE	857	-	385290
	Location:	St Andrews Square,Manchester,Lancashire,M1 6AT				397880
	Classification:	Bus & Coach Operators & Stations				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
464	Name:	House Of Ethnic Foods	NE	834	-	385180
	Location:	Unit 10,Poland Industrial Estate,Manchester,M4 6AZ				398880
	Classification:	Food Products - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
464	Name:	Bestfellow Ltd	NE	841	-	385160
	Location:	Unit 3 Poland Ind Est,29 Poland St,Manchester,M4 6AZ				398910
	Classification:	Textile Manufacturing				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
464	Name:	Questbond Ltd	NE	858	-	385210
	Location:	Unit 5,City Court Trading Estate,Poland Street,Ancoats,Manchester,M4 6AL				398870
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
465	Name:	Colloides Naturels (Uk) Ltd	W	835	-	383720
	Location:	Regency Court,62-66,Deansgate,Manchester,Lancashire,M3 2EN				398500
	Classification:	Food Colouring, Flavouring & Additive Manufacturers & Distributors				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
466	Name:	San Marco Products Ltd	NE	845	-	385150
	Location:	Unit 8/10,Crown Industrial Estate,Poland Street,Manchester,M4 6BN				398920
	Classification:	Ice Cream Manufacturers & Suppliers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
466	Name:	Screen Print & Design	NE	868	-	385140
	Location:	Unit 1-2,Crown Ind Est,Poland St,Manchester,M4 6BN				398960
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
466	Name:	Crown Chips	NE	868	-	385140
	Location:	Unit 4,Crown Ind Est,Poland St,Manchester,M4 6BN				398960
	Classification:	Food Products - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
466	Name:	P'Tek Ltd	NE	870	-	385140
	Location:	Unit 5,Crown Industrial Estate,Poland Street,Manchester,M4 6BN				398970
	Classification:	Cleaning Materials & Equipment				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
466	Name:	Aspect Furniture Ltd	NE	870	-	385140
	Location:	Unit 4,Crown Industrial Estate,Poland Street,MANCHESTER,M4 6BN				398970
	Classification:	Office Furniture & Equipment				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
467	Name:	Crown Brolac Decorator Centre	N	849	-	384800
	Location:	Unit 1,Trading Estate,Sudell Street,Manchester,M4 4JQ				399140
	Classification:	Painting & Decorating Supplies				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
467	Name:	Decor 6 Northern Ltd	N	884	-	384830
	Location:	Unit 2,Trading Estate,Sudell Street,Manchester,M4 4JQ				399170
	Classification:	Painting & Decorating Supplies				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
468	Name:	Strong Mechanical Services	SW	849	-	383770
	Location:	Peter St,Manchester,Lancashire,M2 3NQ				397930
	Classification:	Mechanical Engineers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
469	Name:	Manchester Chemicals & Pigments Ltd	W	852	-	383720
	Location:	Lloyds House,18-22,Lloyd Street,Manchester,Lancashire,M2 5WA				398050
	Classification:	Chemicals - Distributors & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
470	Name:	Apollo Blinds	W	857	-	383670
	Location:	103,Deansgate,Manchester,M3 2BQ				398300
	Classification:	Blinds, Awnings & Canopies				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
470	Name:	Klick	W	858	-	383670
	Location:	103 Deansgate,Manchester,Lancashire,M3 2BQ				398300
	Classification:	Photographic Processors				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
471	Name:	Mayfield Press	SE	857	-	385120
	Location:	The Mayfield Centre,Fairfield Street,Manchester,M1 2QF				397670
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
472	Name:	Trevor Autos	SE	865	-	385200
	Location:	108d,North Western Street,Manchester,M1 2WS				397730
	Classification:	Mechanical Engineers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
472	Name:	City Lubrication Services	SE	881	-	385210
	Location:	108c,North Western Street,Manchester,M1 2WS				397720
	Classification:	Mot Testing Centres				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned in the proximity of the address				
	Contemporary Trade Directory Entries					
473	Name:	Allgood Plc	W	869	-	383690
	Location:	Alexandra Buildings,28,Queen Street,Manchester,M2 5HX				398100
	Classification:	Hardware				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
473	Name:	The Leaflet Co	W	895	-	383670
	Location:	Croxley House,14,Lloyd Street,Manchester,Lancashire,M2 5ND				398070
	Classification:	Distribution Services				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
473	Name:	Whitbybird Engineers	W	895	-	383670
	Location:	Croxley House,14 Lloyd St,Manchester,Lancashire,M2 5ND				398070
	Classification:	Engineers - General				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
474	Name:	S K Auto'S	N	875	-	384410
	Location:	Aspin La,Manchester,M4 4DP				399190
	Classification:	Car Body Repairs				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
474	Name:	Eden Utility Services Ltd	N	912	-	384410
	Location:	142,Dantzic Street,Manchester,M4 4DN				399230
	Classification:	Gas Suppliers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
475	Name:	Colloides Naturels Ltd	W	884	-	383650
	Location:	121 Deansgate,Manchester,M3 2BW				398230
	Classification:	Food Colouring, Flavouring & Additive Manufacturers & Distributors				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
475	Name:	M & M Office Cleaning Services	W	931	-	383600
	Location:	Grampian House,144,Deansgate,Manchester,Lancashire,M3 3EE				398230
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
476	Name:	Ideal Car Imports	N	887	-	384210
	Location:	1 Millow St,Manchester,Lancashire,M4 4DR				399150
	Classification:	Car Dealers - Used				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
477	Name:	Carriages	N	900	-	384290
	Location:	Arch 5,Corporation Street,Manchester,Lancashire,M4 4DG				399190
	Classification:	Car Body Repairs				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
478	Name:	The Studio Workshop	SE	902	-	385380
	Location:	9,Piccadilly Trading Estate,Manchester,Lancashire,M1 2NP				397950
	Classification:	Photographic Equipment & Supplies - Wholesale				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
479	Name:	Royal Mail Logistics	SE	902	-	385270
	Location:	Travis Street,Manchester,Lancashire,M1 2NG				397750
	Classification:	Distribution Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
480	Name:	Impex Trading Co	SW	910	-	384180
	Location:	Flat 23,Oxford Place,7,Oxford Road,Manchester,M1 6EY				397470
	Classification:	Carpets & Rugs - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
481	Name:	F & B Hosiery Manufacturing Co Ltd	SE	916	-	385030
	Location:	10,Nether Street,Manchester,M12 6HY				397520
	Classification:	Lingerie & Hosiery Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
481	Name:	Ryder Towing Equipment Ltd	SE	916	-	385030
	Location:	Mancunian Way,Manchester,Lancashire,M12 6HJ				397520
	Classification:	Trailers & Towing Equipment				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details	Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries				
481	Name: Hilclare Ltd Location: Unit 1,Bond Street Industrial Estate,Mancunian Way,Manchester,M12 6HW Classification: Lighting Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	SE	952	-	385080 397510
	Contemporary Trade Directory Entries				
481	Name: Klyne & Klyne Location: Unit 5,Bond Street Industrial Estate,Mancunian Way,Manchester,M12 6HW Classification: Do It Yourself Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	SE	952	-	385080 397510
	Contemporary Trade Directory Entries				
482	Name: Cabrelli Bros Location: 206,Oldham Road,Manchester,Lancashire,M4 6BQ Classification: Ice Cream Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	NE	923	-	385180 399010
	Contemporary Trade Directory Entries				
483	Name: W Bernie Location: Stubbs Mill,Upper Kirby St,Manchester,M4 6FA Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	E	927	-	385480 398420
	Contemporary Trade Directory Entries				
484	Name: Irwell Garage Location: Irk Street,Manchester,M4 4JT Classification: Gearboxes Status: Active Positional Accuracy: Automatically positioned to the address	N	935	-	384490 399260
	Contemporary Trade Directory Entries				
484	Name: M J T Motors Location: 79,Gould Street,Manchester,M4 4DL Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	N	944	-	384520 399270
	Contemporary Trade Directory Entries				
485	Name: Rayners Autocraft Location: 15c Chapel St,Salford,Lancashire,M3 7AA Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	NW	958	-	383680 398750
	Contemporary Trade Directory Entries				
485	Name: Lee'S Motors Location: New Kings Head Yard,Chapel St,Salford,Lancashire,M3 7AA Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	NW	992	-	383640 398750
	Contemporary Trade Directory Entries				
486	Name: Ireland & Hindley Ltd Location: Unit 8,Downing Street Industrial Estate,Charlton Place,Ardwick,Manchester,M12 6HH Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	SE	961	-	384970 397440

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
486	Name:	Olympus Coachcraft	SE	978	-	384980
	Location:	Unit 7,Downing Street Industrial Estate,Charlton Place,Ardwick,Manchester,Lancashire,M12 6HH				397420
	Classification:	Car Customisation & Conversion Specialists				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
487	Name:	Kinnarps (Uk) Ltd	SW	962	-	383640
	Location:	Colchester House,38-40,Peter Street,Manchester,M2 5GP				397940
	Classification:	Office Furniture & Equipment				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
488	Name:	G E M Textile Manufacturing Ltd	SE	984	-	385330
	Location:	Emitex House,31,St. Andrews Street,Manchester,M1 2AH				397740
	Classification:	Textile Manufacturing				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
489	Name:	Harrison Motors	SW	965	-	384080
	Location:	51 New Wakefield St,Manchester,Lancashire,M1 5NP				397460
	Classification:	Garage Services				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
490	Name:	Bookbind	SW	966	-	384150
	Location:	2-4,Oxford Road,Manchester,Lancashire,M1 5QA				397420
	Classification:	Bookbinders				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
491	Name:	Radium Garage	N	968	-	384830
	Location:	125,Rochdale Road,Manchester,M4 4HZ				399260
	Classification:	Garage Services				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
491	Name:	Paris Knitwear Manufacturing Ltd	N	993	-	384810
	Location:	2,Peary Street,Manchester,M4 4JX				399290
	Classification:	Knitwear Manufacturers & Wholesalers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
492	Name:	Granada Dry Cleaners Ltd	W	970	-	383560
	Location:	75 Bridge St,Manchester,Lancashire,M3 2RH				398300
	Classification:	Dry Cleaners				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
492	Name:	National Cleaning & Painting	W	992	-	383540
	Location:	52,Bridge Street,Manchester,M3 3BW				398280
	Classification:	Cleaning Services - Commercial				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Contemporary Trade Directory Entries					
492	Name:	National Cleaning	W	992	-	383540
	Location:	52,Bridge Street,Manchester,M3 3BW				398280
	Classification:	Cleaning Services - Commercial				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
492	Name:	National Cleaning	W	992	-	383540
	Location:	52,Bridge Street,MANCHESTER,M3 3BW				398280
	Classification:	Commercial Cleaning Services				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
493	Name:	B G M Wire Products Ltd	SE	971	-	385290
	Location:	102,North Western Street,Manchester,M12 6JL				397670
	Classification:	Wire Products - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned in the proximity of the address				
	Contemporary Trade Directory Entries					
494	Name:	Glyns Collections	W	976	-	383600
	Location:	26,Blackfriars Street,Salford,M3 5BQ				398610
	Classification:	Furriers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
494	Name:	Bullen Healthcare Group	W	976	-	383600
	Location:	26,Blackfriars Street,Salford,M3 5BQ				398610
	Classification:	Disability Equipment - Manufacturers & Suppliers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
495	Name:	Kays Joinery	NE	976	-	385130
	Location:	4,Clarion Street,Manchester,Lancashire,M4 5HE				399110
	Classification:	Joinery Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
496	Name:	Diamond Auto Salvage	E	976	-	385530
	Location:	21 Pollard St,Manchester,M4 7AF				398240
	Classification:	Salvage Dealers				
	Status:	Inactive				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
496	Name:	Arthur Henriques Ltd	E	983	-	385540
	Location:	Vulcan Works,Pollard Street,Manchester,M4 7AR				398210
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
496	Name:	Pollard Vacforming Co	E	983	-	385540
	Location:	Vulcan Works,Pollard Street,Manchester,Lancashire,M4 7AN				398210
	Classification:	Packaging & Wrapping Equipment & Supplies				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				

Map ID		Details	Compass Direction	Estimated Distance From Site		Contact - NGR
	Contemporary Trade Directory Entries					
496	Name:	Gina Fashions	E	983	-	385540
	Location:	Vulcan Works,Pollard Street,Manchester,Lancashire,M4 7AN				398210
	Classification:	Clothing & Fabrics - Manufacturers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
496	Name:	Twentyfour Seven Vulcan Ltd	E	983	-	385540
	Location:	Vulcan Works,Pollard Street,Manchester,Lancashire,M4 7AR				398210
	Classification:	Printers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
497	Name:	M & M Motor Co	N	979	-	384220
	Location:	Unit 9 Red Bank Court Arches,Red Bank,Manchester,M4 4HF				399250
	Classification:	Car Dealers - Used				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trade Directory Entries					
497	Name:	Hns Facilities Ltd	N	999	-	384250
	Location:	16,Red Bank,Manchester,Lancashire,M4 4HF				399290
	Classification:	Commercial Vehicle Dealers				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
498	Name:	J E Gordon Ltd	SW	983	-	383960
	Location:	60,Whitworth Street West,Manchester,M1 5WW				397510
	Classification:	Sheet Metal Work				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
499	Name:	J Smith (Waste) Co	N	989	-	384750
	Location:	Bilbrook Street,Manchester,M4 4JE				399300
	Classification:	Cleaning Services - Commercial				
	Status:	Inactive				
	Positional Accuracy:	Automatically positioned to the address				
	Contemporary Trade Directory Entries					
500	Name:	Le Missey Ltd	S	990	-	384780
	Location:	10-20,Grosvenor Street,Manchester,Lancashire,M1 7JJ				397340
	Classification:	Knitwear Manufacturers & Wholesalers				
	Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				
	Contemporary Trade Directory Entries					
501	Name:	Evans Textile (Sales) Ltd	SE	983	-	385470
	Location:	22,Piccadilly Trading Estate,Manchester,M1 2NP				397920
	Classification:	Textile Manufacturing				
	Status:	Active				
	Positional Accuracy:	Automatically positioned to the address				
	Fuel Station Entries					
502	Name:	Blossom Motor Company	NE	310	-	384700
	Location:	27 Gun Street,Ancoats,Manchester,M4 5DN				398600
	Brand:	OBSOLETE				
	Premises Type:	Not Applicable				
	Status:	Obsolete				
	Positional Accuracy:	Approximate location provided by supplier				

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	Fuel Station Entries					
503	Name:	Smithfield Service Station	N	646	-	384590
	Location:	12 Rochdale Road,Bandix Street,Collyhurst,Manchester,M4 4JR				398980
	Brand:	Out Of Industry				
	Premises Type:	Petrol Station				
	Status:	Out of Industry				
	Positional Accuracy:	Automatically positioned to the address				
	Fuel Station Entries					
504	Name:	Rochdale Road Service Station	N	818	-	384740
	Location:	95-109 Rochdale Road,Manchester,M4 4HZ				399130
	Brand:	OUT OF INDUSTRY				
	Premises Type:	Petrol Station				
	Status:	Out of Industry				
	Positional Accuracy:	Located by supplier to within 100m				

Data Type	Version	Update Cycle
Agency & Hydrological		
Local Authority Pollution Prevention and Controls		
Salford City Council Environmental Health Department	July-2005	Annual Rolling Update
Manchester City Council Environmental Health Department	September-2004	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Salford City Council Environmental Health Department	July-2005	Annual Rolling Update
Manchester City Council Environmental Health Department	September-2004	Annual Rolling Update
Discharge Consents		
Environment Agency North West Region	July-2005	Quarterly
Integrated Pollution Controls		
Environment Agency North West Region	July-2005	Quarterly
Integrated Pollution Prevention And Control		
Environment Agency North West Region	July-2005	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Salford City Council Environmental Health Department	July-2005	Annual Rolling Update
Manchester City Council Environmental Health Department	September-2004	Annual Rolling Update
Pollution Incidents to Controlled Waters		
Environment Agency North West Region	January-2000	Not Applicable
Substantiated Pollution Incident Register		
Environment Agency - North West Region South Area	July-2005	Quarterly
Water Industry Act Referrals		
Environment Agency North West Region	July-2005	Quarterly
Registered Radioactive Substances		
Environment Agency North West Region	July-2005	Quarterly
River Quality		
Environment Agency Head Office	November-2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency Head Office	October-2004	Annually
River Quality Chemistry Sampling Points		
Environment Agency Head Office	June-2005	Annually
Water Abstractions		
Environment Agency North West Region	July-2005	Quarterly
Groundwater Vulnerability		
Environment Agency Head Office	January-1999	Not Applicable
Drift Deposits		
Environment Agency Head Office	January-1999	Not Applicable

Data Type	Version	Update Cycle
Agency & Hydrological		
Source Protection Zones Environment Agency Head Office	April-2005	Variable
Extreme Flooding from Rivers or Sea without Defences Environment Agency Head Office	June-2005	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency Head Office	June-2005	Quarterly
Areas Benefiting from Flood Defences Environment Agency Head Office	June-2005	Quarterly
Flood Water Storage Areas Environment Agency Head Office	June-2005	Quarterly
Flood Defences Environment Agency Head Office	June-2005	Quarterly
River Flood Data (Scotland) Centre for Ecology and Hydrology	September-1999	Not Applicable

Data Type	Version	Update Cycle
Waste		
BGS Recorded Landfill Sites		
British Geological Survey National Geoscience Information Service	June-1996	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Environment Agency North West Region	July-2005	Quarterly
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - North West Region South Area	June-2005	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North West Region South Area	July-2005	Quarterly
Environment Agency - Thames Region South East Area	July-2005	Quarterly
Local Authority Landfill Coverage		
Manchester City Council Planning Department	May-2000	Not Applicable
Salford City Council Environmental Health Department	May-2000	Not Applicable
Registered Landfill Sites		
Environment Agency - North West Region South Area	March-2003	Variable
Registered Waste Transfer Sites		
Environment Agency - North West Region South Area	March-2003	Variable
Registered Waste Treatment or Disposal Sites		
Environment Agency - North West Region South Area	March-2003	Variable

Data Type	Version	Update Cycle
Hazardous Substances		
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	May-2001	Variable
Explosive Sites		
Health and Safety Executive	April-2005	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November-2000	Not Applicable
Planning Hazardous Substance Consents		
Salford City Council	July-2005	Annual Rolling Update
Manchester City Council Planning Department	September-2004	Annual Rolling Update
Planning Hazardous Substance Enforcements		
Salford City Council	July-2005	Annual Rolling Update
Manchester City Council Planning Department	October-2004	Annual Rolling Update

Data Type	Version	Update Cycle
Geological		
BGS Boreholes British Geological Survey National Geoscience Information Service	July-2005	Quarterly
BGS Recorded Mineral Sites British Geological Survey National Geoscience Information Service	April-2005	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey National Geoscience Information Service	August-1996	Not Applicable
Brine Compensation Areas Cheshire Brine Subsidence Compensation Board	November-2002	As notified
Coal Mining Affected Areas The Coal Authority Mining Report Service	December-2003	As notified
Shallow Mining Hazards British Geological Survey National Geoscience Information Service	August-2002	Variable
Potential for Collapsible Ground Stability Hazards British Geological Survey National Geoscience Information Service	May-2005	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey National Geoscience Information Service	May-2005	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey National Geoscience Information Service	May-2005	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey National Geoscience Information Service	May-2005	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey National Geoscience Information Service	May-2005	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey National Geoscience Information Service	May-2005	Annually
Mining Instability Ove Arup & Partners	October-2000	Not Applicable
Natural and Mining Cavities Peter Brett Associates Consulting Engineers	October-2001	Variable
Radon Affected Areas Health Protection Agency	January-2003	Not Applicable
Radon Protection Measures British Geological Survey National Geoscience Information Service	August-2002	Variable

Data Type	Version	Update Cycle
Industrial Land Use		
Contemporary Trade Directory Entries Thomson Directories	July-2005	Bi-Annually
Fuel Station Entries Catalist Ltd (Fuel Station Data)	August-2005	Quarterly

Data Type	Version	Update Cycle
Sensitive Land Uses		
Areas of Adopted Green Belt		
Manchester City Council	December-1998	As notified
Trafford Metropolitan Borough Council	June-2001	As notified
Salford City Council	November-2003	As notified
Areas of Unadopted Green Belt		
Manchester City Council	December-1998	As notified
Trafford Metropolitan Borough Council	June-2001	As notified
Salford City Council	November-2003	As notified
Areas of Outstanding Natural Beauty		
The Countryside Agency	October-2004	Annually
Environmentally Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December-2004	Annually
Forest Parks		
Forestry Commission	April-1997	Not Applicable
Marine Nature Reserves		
English Nature	December-2004	Bi-Annually
National Nature Reserves		
English Nature	December-2004	Bi-Annually
National Parks		
The Countryside Agency	October-2004	Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December-2003	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	March-2005	Annually
Ramsar Sites		
English Nature	December-2004	Bi-Annually
Sites of Special Scientific Interest		
English Nature	December-2004	Bi-Annually
Special Areas of Conservation		
English Nature	December-2004	Bi-Annually
Special Protection Areas		
English Nature	December-2004	Bi-Annually

Some of the organisations who provide data which is used within the report

Ordnance Survey	Ordnance Survey® Licensed Partner
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
The Coal Authority	THE COAL AUTHORITY
British Geological Survey	BGS 1835 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	CEH Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE
English Nature Site of Special Scientific Interest, National Nature Reserve, Ramsar, Special Protection Area, Special Conservation Area, Marine Nature Reserve data (derived from Ordnance Survey 1:10000 raster) is provided by, and used with the permission of, English Nature who retain the copyright and Intellectual Property Rights for the data	ENGLISH NATURE
Health Protection Agency	Health Protection Agency
Ove Arup The Data provided above was obtained on Licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The information and data supplied in the product are derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.	ARUP

Contact	Name and Address	
1	**Manchester City Council Environmental Health Department** PO Box 463 Town Hall Extension Albert Square Manchester Greater Manchester M60 3NY www.manchester.gov.uk	Telephone 0161 234 4884 / 2 Fax 0161 234 4508
2	**Environment Agency National Customer Contact Centre (NCCC)** PO Box 544 Templeborough Rotherham S60 1BY enquiries@environment-agency.gov.uk	Telephone 08708 506 506
3	**Salford City Council Environmental Health Department** Crompton House 100 Chorley Road Swinton Manchester Greater Manchester M27 2ES www.salford.gov.uk	Telephone 0161 7370551 Fax 0161 728 1956
4	**Manchester City Council Planning Department** Town Hall Manchester Greater Manchester M60 2LA www.manchester.gov.uk	Telephone 0161 234 5000 Fax 0161 234 4508

Contact	Name and Address	
5	**British Geological Survey Enquiry Service** British Geological Survey Kingsley Dunham Centre Keyworth Nottingham Nottinghamshire NG12 5GG enquiries@bgs.ac.uk www.bgs.ac.uk	Telephone 0115 936 3143 Fax 0115 936 3276
6	**The Coal Authority Mining Report Service** 200 Lichfield Lane Mansfield Nottinghamshire NG18 4RG thecoalauthority@coal.gov.uk	Telephone 0845 7626848 DX 716176 Mansfield 5
7	**Health Protection Agency** Chilton Didcot Oxfordshire OX11 0RQ	Telephone 01235 831600 Fax 01235 833891
	Catalist Ltd (Fuel Station Data) Richmond House 22 Richmond Hill Clifton Bristol Avon BS8 1BA Mark@catalist-uk.com	Telephone 0117 923 7113 Fax 0117 923 7166
	Landmark Information Group Limited The Smith Centre Henley On Thames Oxfordshire RG9 6AB customerservices@landmarkinfo.co.uk www.landmark-information.co.uk	Telephone 0870 850 6670 Fax 0870 850 6671

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

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Borehole Records Order Form

Name: ..... Your Ref/Order no:

Company: ..... Our Ref: ISGR/

Address: ..... Tel: .....

..... Fax: .....

Postcode: ....

Quarter Sheet (eg. SE5ONE)	Number (eg. 21)	Suffix (if given) (eg. A-Z)	Name (eg. Bentley Village Sewer TP 1)

Please note: More than 10 records can be ordered, but it is advisable to discuss your requirements first with NGRC staff, as interpreted geological reports are also available.

RESPONSE TIMES MAY VARY DUE TO CUSTOMER DEMAND AND STAFF AVAILABILITY
(Please tick required service)

[ ] Standard Service (variable within 5 days)

[ ] Premium Service (24 hour response, £30 additional charge)

Delivery Method Required: (Please tick) Post [ ] Special Delivery £3 [ ] Fax 50p (per sheet) [ ]

Borehole unit price is £13 + VAT, Minimum charge £26 + VAT (includes 1st class postage).

Special Requirements or comments:

Please return form to: Records & Data Enquiries, British Geological Survey, Keyworth, Nottingham NG12 5GG.
Tel: 01159363143 Fax: 01159363276 R-mail: enquiries@bgs.ac.uk

LANDMARK TERMS AND CONDITIONS

Definitions

"Account" means the credit account established by a Member with Landmark.

"Agreement" means the agreement between Ourselves created by Your acceptance of these Terms.

"Authorised Reseller" means an agent or reseller of Landmark whom Landmark has duly appointed to resell its Reports and Services.

"Client" means the individual or organisation to whom You provide professional services and/or Your professional advisors where applicable.

"Content" means any data, computing and information services and software, and other content and documentation or support materials and updates included in and/or supplied by or through the Websites, in Reports or Services or in any other way by Landmark and shall include Landmark developed and Third Party Content.

"Designated Users" means individuals appointed by Members to transact across the Member's Account.

"Intellectual Property Rights" means all forms of intellectual property or protective rights recognised in law.

"Member" means the person, firm or organisation who establishes and/or uses the Account.

"Order" means the request for Services from Landmark by You.

"Property Site" means a land site on which a Member requests Landmark provide either a Report or any other Service.

References to "We", "Us" and "Our" are references to Landmark Information Group Limited ("Landmark"), whose registered office is 7 Abbey Court, Eagle Way, Exeter, EX2 7HY. Where You are not ordering the Services directly from Landmark, but from an Authorised Reseller, references to "Landmark" or "We", "Us" and "Our" shall be construed so as to mean either Landmark and/or the Authorised Reseller as the context shall indicate.

References to "You/Your/Yourself" refer to the contracting party who places an Order with Landmark and for whom the Services are to be provided by Landmark.

"Report" includes any information that Landmark supplies to You including all reports, services, datasets, software or information contained in them.

"Services" means the provision of any service by Landmark pursuant to these Terms which at the sole discretion of Landmark, may be time limited, (for the purposes of evaluation only), offer reduced functionality, offer limited access to the Content, or be free of charge including but not limited to the report(s), data, information or other services undertaken by Landmark.

"Landmark Fees" means any charges levied by Landmark for Services provided to You

"Suppliers" means any organisation who provides data or information of any form to Landmark.

"Terms" means these Terms and Conditions.

"Third Party Content" means the services, software, information and other content or functionality provided by third parties and linked to or contained in the Services.

"Websites" means websites hosted by Landmark and includes the Content and any report, service, document, data-set, software or information contained therein, derived there from or thereby.

1. Terms and Conditions

a. These Terms govern the relationship between You and Landmark whether You are an unregistered visitor to the Website or a registered Member purchasing Landmark products or Services from Landmark.

b. Where these Terms are not expressly accepted by You they will be deemed to have been accepted by You, and You agree to be bound by these Terms when You place any Order, or pay for any Services provided or Reports ordered.

c. If the person communicating with Landmark is an Authorised Reseller, they must ensure that You agree to these Terms.

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

e. We may modify these Terms, and may discontinue or revise any or all other aspects of the Services at our sole discretion, with immediate effect and without prior notice. Any amendment or variation to these Terms shall be posted on our Websites. Continued use of the Services by You shall be deemed an acceptance by You to be bound by any such amendments to the Terms.

f. Landmark reserves the right to refuse to supply Services to You or any other potential client without notice or reason.

2. Reports

Whilst Landmark will use reasonable care and skill in providing the Services to You the Services are provided on the express basis that You acknowledge and agree to the following:-

a. The information and data supplied in the Services are derived from publicly available records and other third party sources and Landmark does not warrant the accuracy or completeness of such information or data; and

b. The information and data supplied in the Services are derived solely from those sources specifically cited in the Report Landmark does not claim that these sources represent an exhaustive or comprehensive list of all sources that might be consulted; and

c. Landmark does not guarantee that all past or current land uses or features will be identified in the Report; and

d. The Services provided by Landmark are professional business to business services and not intended for use or interpretation by persons other than professional persons skilled in the use of property and environmental information; and

e. Landmark shall not be responsible for error or corruption in the Report resulting from inaccuracy or omission in primary or secondary information and data, inaccurate processing of information and data by third parties, computer malfunction or corruption of data whilst in the course of conversion, geo-coding, processing by computer or electronic means, or in the course of transmission by telephone or other communication link, or printing.

f. Landmark reserves the right, without limitation, to change the Reports or Services on offer at any time.

3. Intellectual Property

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

b. Subject to clause 6.f, You are entitled to make the following use of the Services and Reports subject always to these Terms and You may, without further charge, make the Report or Services available to;

i. any person who purchases the whole of the Property Site,

ii. any person who provides funding secured on the whole of the Property Site,

iii. any person for whom You act in a professional or commercial capacity, and

iv. any person who acts for You in a professional or commercial capacity.

Accordingly Landmark shall have the same duties and obligations to those persons in respect of the Services as it has to You.

c. Each of those persons referred to in Clause 3.b. shall have the benefit and the burden of Your rights and obligations under these Terms. The limitations of Landmark's liability as set out in Clause 6 shall apply.

d. The Report is to be used solely for the benefit of You and Your Client and such persons as are set out in Clause 3.b, and Landmark excludes all liability to all other persons unless Landmark has expressly agreed in writing to the assignment of the benefit of the Report and has been paid Landmark's reasonable fees for so doing.

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

f. Each recipient of the Services agrees (and agrees it will cause its employees, agents or contractors who may from time to time have access to the Services to agree) it will not, except as permitted herein or by separate agreement with Landmark:-

i. effect or attempt to effect any modification, merger or change to the Service, nor permit any other person to do so; or

ii. copy, use, market, re-sell, distribute, merge, alter, add to or carry on any redistribution, reproduction, translation, publication, reduction to any electronic medium or machine readable form or commercially exploit or in any other way deal with or utilise or (except as expressly permitted by applicable law) reverse engineer, decompile or disassemble the Services, Reports, Content or Website; or

iii. remove, alter or in any way change any trademark or proprietary marking in any element of the Services and You acknowledge the ownership of the Content is as per this Clause, where such Content is incorporated or used into Your own documents, reports, systems or services whether or not these are supplied to any third party.

iv. create any product which is derived directly or indirectly from the data contained in the Services

g. You shall acknowledge the ownership of the Content where such is incorporated into Your own documents, reports, systems or services whether or not these are supplied to any third party.

h. You are permitted to make five copies of any Report, but are not authorised to re-sell the Report, any part thereof or any copy thereof unless you are an Authorised Reseller. Further copies may not be made in whole or in part without the prior written permission of Landmark who shall be entitled to make a charge for each additional copy.

i. You hereby agree to fully indemnify Landmark against any claim losses or other damages suffered by Landmark as a result any breach by any recipient of the Services of these Terms.

j. You agree that You will comply with any reasonable instructions that We may give from time to time with regard to the use of the Intellectual Property Rights, including but not limited to acknowledging that the Services and Reports are confidential to You, Your Client or the persons set out in Clause 3.b.

k. The mapping contained in any Services is protected by Crown Copyright and must not be used for any purpose outside the context of the Services or as specifically provided by these Terms.

4. Charges

a. Landmark may grant You a credit limit in order to allow You to transact with it or set up an Account and reserves the right to withdraw any such credit limit at any time without prior notice.

b. You are fully responsible for all charges that accumulate on Your Account.

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

d. An individual or a monthly invoice showing all Orders created will be generated subject to these Terms. You will pay the Landmark Fees at the rates set out in Landmark's or its Authorised Reseller's invoice. The Landmark Fees are payable in full within 28 days without deduction, counterclaim or set off. You acknowledge that time is of the essence with respect to the payment of such invoices. Non-payment of Landmark Fees may, at Our sole discretion result in Landmark terminating or limiting the use of Your Account and its provision of Services to You. Landmark reserve the right to amend the Landmark Fees from time to time and the Services will be charged at the Landmark Fee applicable at the date on which the Service is ordered.

e. We may charge interest on late payment at a rate equal to 8% per annum above the base lending rate of National Westminster Bank plc.

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

5. Termination

a. Landmark may suspend or terminate Your rights under these Terms without any liability to You with immediate effect if at any time:-

i. You fail to make any payment due in accordance with Clause 4;

ii. You repeatedly breach or commit or cause to be committed any material breach of these Terms; or

iii. You commit a breach and You fail to remedy the breach within 7 days of receipt of a written notice to do so Landmark may remedy the breach and recover the costs thereof from You; or

iv. You commit an act of bankruptcy or insolvency, are unable to pay Your debts as or when they fall due or make any composition or arrangement with Your creditors, or go into liquidation whether voluntary or compulsory, or if any order is made or a resolution is passed for Your winding up (except for the purpose of a solvent amalgamation or reconstruction), or if You cease or prepare to cease trading, or if You suffer the appointment of a receiver, administrative receiver, administrator or similar officer over the whole or part of any of Your assets.

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

c. We may suspend the Agreement between You and Landmark for an indefinite period without notice and at any time if in Our opinion You are in breach of any of the provisions of these Terms.

6. Liability

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

b. Nothing in these Terms excludes either party's liability for death or personal injury caused by that party's

negligence or wilful default.

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

d. Save as precluded by law, Landmark shall not be liable for any indirect or consequential loss, damage or expenses (including loss of profits, loss of contracts, business or goodwill) howsoever arising out of any problem, event, action or default by Landmark or any indirect or consequential loss of any nature whatsoever or for any physical damage to or loss of Your tangible property, any other direct loss, damage, cost or expense of any kind or any indirect or consequential loss, damage, cost or expense of any kind, whether any of the above arise under contract, tort (including negligence), an indemnity or contribution or otherwise.

e. In any event, and notwithstanding anything contained in these Terms, Landmark's liability in contract, tort (including negligence or breach of statutory duty) or otherwise howsoever arising by reason or in connection with this Contract (except in relation to death or personal injury) shall be limited to an aggregate amount not exceeding £1 million if the complaint is in relation to a Report on residential property and an amount not exceeding £10 million in respect of any other Report or Service purchased from Landmark except in so far as Landmark will not be liable for any defect, failure or omission relating to Services that is not notified to Landmark within six months of the date of the issue becoming apparent and in any event, within one year of the date of the Report if the complaint is in relation to a Report on residential property and within six years of the date of the Report in respect of any other Report or Service. Where any claim relates to either a part of the Services that is not chargeable or if You have been in breach of any part of these Terms Landmark's liability shall be limited to £1,000

f. No person may rely on the Report more than 12 months after its original date.

g. You acknowledge that:-

i. You shall have no claim or recourse against any Third Party Content supplier nor any of our other Suppliers. You will not in any way hold us responsible for any selection or retention of, or the acts of omissions of Third Party Content suppliers or other Suppliers (including those with whom We have contracted to operate various aspects or parts of the Service) in connection with the Services (for the avoidance of doubt Landmark is not a Third Party Content supplier). Landmark does not promise that the supply of the Services will be uninterrupted or error free or provide any particular facilities or functions, or that the Content will always be complete, accurate, precise, free from defects of any other kind, computer viruses, software locks or other similar code although Landmark will use reasonable efforts to correct any inaccuracies within a reasonable period of them becoming known to us;

ii. Landmark's only obligation is to exercise the reasonable skill and care in providing environmental property risk information to persons acting in a professional or commercial capacity and You hereby acknowledge that You are such a person;

iii. no physical inspection of the Property Site reported on is carried out as part of any Services offered by Landmark and as such We do not warrant that all land uses or features whether past or current will be identified in the Services and the Services do not include any information relating to the actual state or condition of any Property Site nor should they be used or taken to indicate or exclude actual fitness or unfitness of a Property Site for any particular purpose nor should it be relied upon for determining saleability or value or used as a substitute for any physical investigation or inspection;

iv. You should carefully inspect the Property Site, and take any other advice that would be reasonably prudent to do prior to making any decision about the Property Site to which any Report or Service relates and not rely exclusively on the Report or any other Landmark Services in terms of valuing the Property Site;

v. Landmark will not be held liable in any way if a Report on residential property is used for commercial property or more than the one residential property for which it was ordered;

vi. the Services have not been prepared to meet Your or anyone else's individual requirements; that You assume the entire risk as to the suitability of the Services and waive any claim of detrimental reliance upon the same; and You confirm You are solely responsible for the selection or omission of any specific part of the Content;

vii. You shall be solely responsible for maintaining the confidentiality of Your passwords (including Your Designated Users' password(s)) and You will notify us immediately that You become aware of any unauthorised access to, use or copying of any part of Services or document or report derived or downloaded there from by anyone;

viii. You must observe and comply with all applicable regulations and legislation;

ix. We offer no warranty for the performance of any linked internet service not operated by Us;

x. You will on using the Services make a reasonable inspection of any results to satisfy Yourself that there are no defects or failures. In the event that there is a material defect You will notify us in writing of such defect within seven days of its discovery;

xi. without prejudice to any restrictions set out in these Terms, if in the course of Your business or otherwise You use for the benefit of or convey to any third party any part of the Website, Content, or Services You must make such third parties aware of the limitations, obligations and acknowledgements contained herein;

xii. any support or assistance provided to You in connection with these Terms is at Your risk;

xiii. the information contained in the Services has been extracted from various Crown Copyright and other published sources, and accordingly, Landmark does not accept any responsibility, and expressly disclaims all liability, for any errors, omissions or misstatements, or for any loss occasioned to any person acting, or refraining from action, as a result of, or in reliance upon, the information contained in these Services;

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

i. If Landmark provides You with any additional service obtained from a third party, including but not limited to any professional opinion, interpretation or conclusion, risk assessment or environmental report or search carried out in relation to a Report on Your Property Site, Landmark will not be liable in any way for any information contained therein or any issues arising out of the provision of those additional services to You or Your Client. Landmark will be deemed to have acted as an agent in these circumstances and the supply of these additional services will be governed by the terms and conditions of those Third Parties.
For the avoidance of doubt, those parties providing assessments or professional opinions on Landmark products include RPS Plc & Wilbourn Associates Limited. Copies of their terms and conditions are available on request from Landmark.

j. Landmark has undertaken the Services for use only by the persons referred to at clause 3b and for no other purpose whatsoever and the Services should not be relied upon by any other third party. Landmark can accept no responsibility and will not be liable to any third party for any loss caused as a result of reliance upon the Services. Any third party relying on the Services does so entirely at its own risk, including without limitation any insurers referred to in this clause 6. Recipients of the Services are to rely on their own skill and judgment in determining the suitability of the Services for their own purpose and use and are advised to use the Services with caution and not base important business decisions solely on the same. Landmark Services are merely one of the tools available for the assessment of environmental, geological or other property or land-related risks and should be used in conjunction with other recognised methods of evaluation.

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

7. Events Beyond Our Control

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

8. Severability

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

9. Governing Law

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

10. Entire Agreement

a. These Terms, together with the prices and delivery details set out on our Websites and Your Order comprise the whole of our agreement relating to the supply of Services to You by Landmark. No prior stipulation, agreement, promotional material or statement whether written or oral made by any sales or other person or representative on our behalf should be understood as a variation of these Terms or as an authorised representation about the nature or quality of any Services offered for sale by us. Save for fraud or misrepresentation, Landmark shall have no liability for any such representation being untrue or misleading.

b. These Terms shall prevail at all times to the exclusion of all other terms and conditions including any terms and conditions which You may purport to apply even if such other provisions are submitted in a later document or purport to exclude or override these Terms and neither the course of conduct between parties nor trade practice shall act to modify these Terms.

11. General

a. You shall not without our prior written consent assign, or transfer in any way the benefit of these Terms in whole or in part or any of Your obligations under these Terms save as provided by Clause 3.b. Your right to use the Services, operate Your Account or to designate users is not transferable.

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

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

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

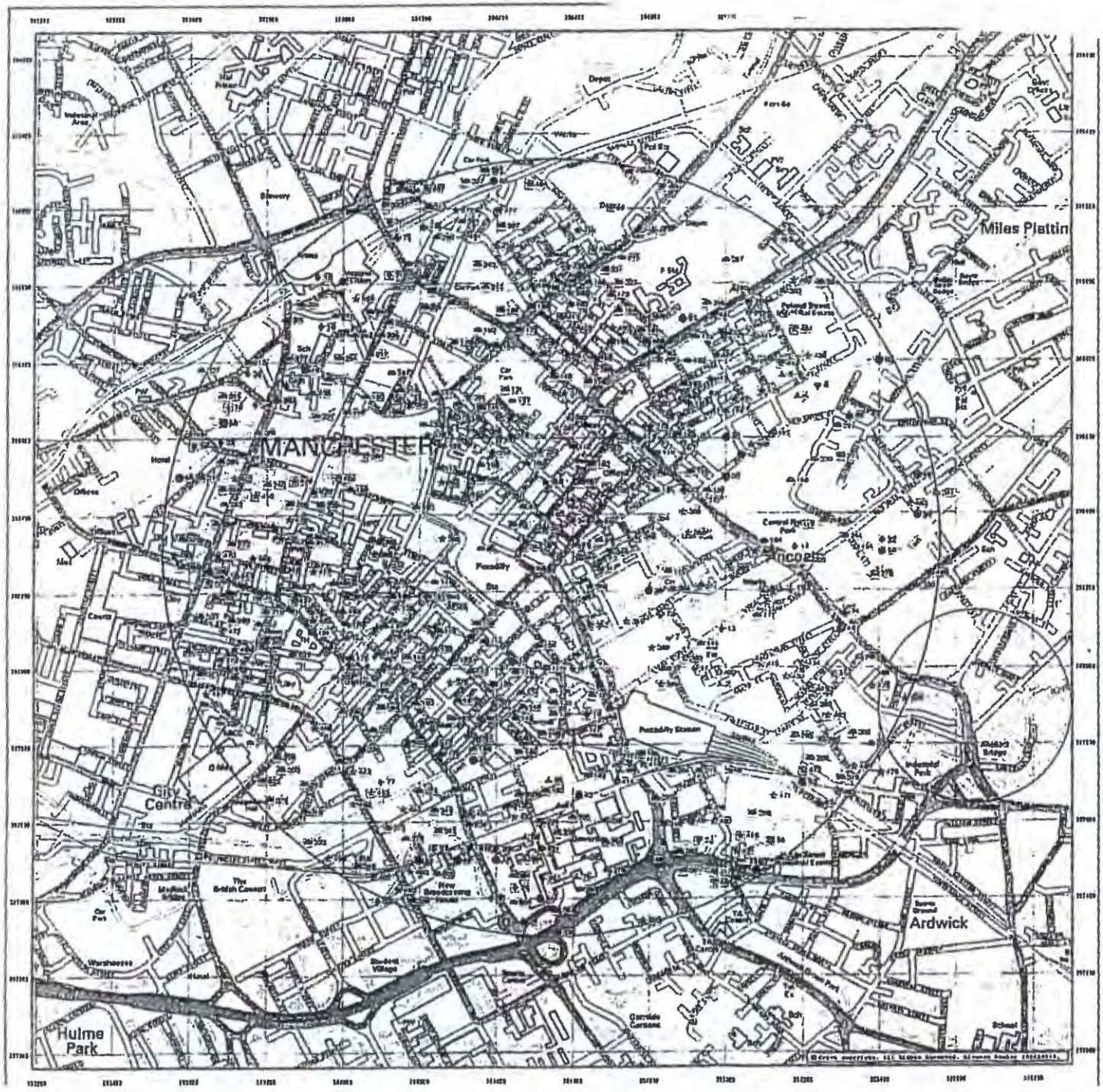
e. References in these Terms to any legislation shall be construed as references to the same as amended or re-enacted from time to time and shall include subordinate legislation or regulations.

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

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

h. Landmark reserves the right to monitor or record telephone calls for training purposes.

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A Landmark product

CLIENT DETAILS Envirocheck Order No: EC14632831_1_1

Customer Ref: Ward Thompson, BTB00310
Bathrooms
Cedar Barn White Lodge
Northampton
NN6 9PY

SITE DETAILS Grid Reference 384540 398320

38 Bank Plaza
Manchester
M1 1HZ

KEY TO THE LEGEND DATABASE

General

- Specified Site
- Bearing Reference Point
- Buffer (1000m)
- Reference Number
- Several of Type at Location

Agency and Hydrological

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

Waste

- Point Location of BGS Recorded Landfill Site
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facilities (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Point Location of Local Authority Recorded Landfill Site
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Point Location of Registered Waste Transfer Site
- Registered Waste Transfer Site
- Point Location of Registered Waste Treatment or Disposal Site
- Registered Waste Treatment or Disposal Site

Hazardous Substances

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

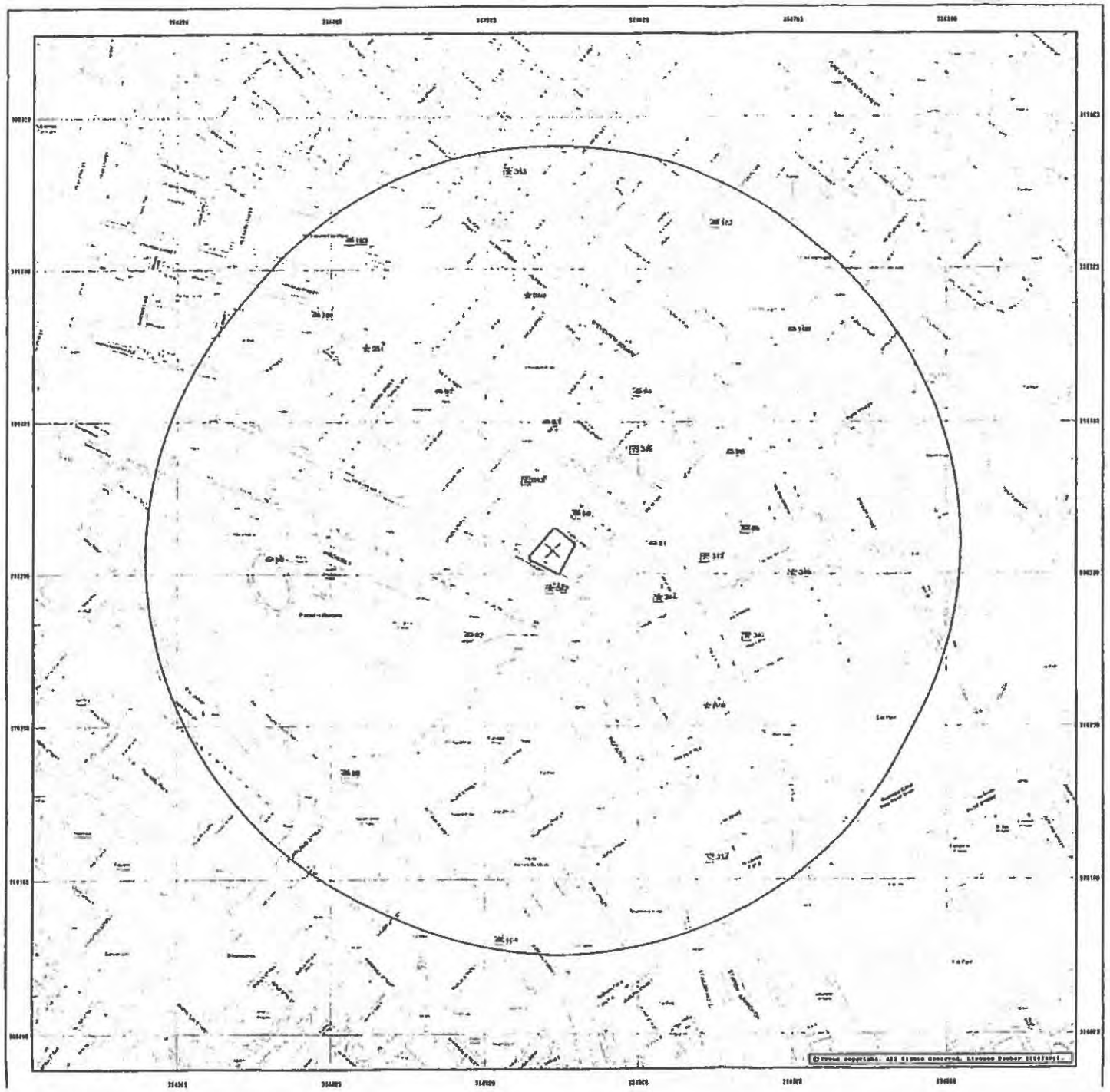
Geological

- BGS Borehole
- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Environment Agency · British Geological Survey · Ordnance Survey Licensed Partner



Envirocheck®
A Landmark® product

CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: Mr S Thomson,STS00199
Sollhouses
Cedar Barn White Lodge
Northampton
NN6 9TT

SITE DETAILS Grid Reference 384540 368320

25 Back Piccadilly

Manchester
M1 1HE

KEY TO THE LEGEND DATABASE

General

- Specified Site
- Bearing Reference Point
- Buffer (250m)
- Reference Number
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

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

Waste

- Point Location of BGS Recorded Landfill Site
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facilities (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Point Location of Local Authority Recorded Landfill Site
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Point Location of Registered Waste Transfer Site
- Registered Waste Transfer Site
- Point Location of Registered Waste Treatment or Disposal Site
- Registered Waste Treatment or Disposal Site

Hazardous Substances

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

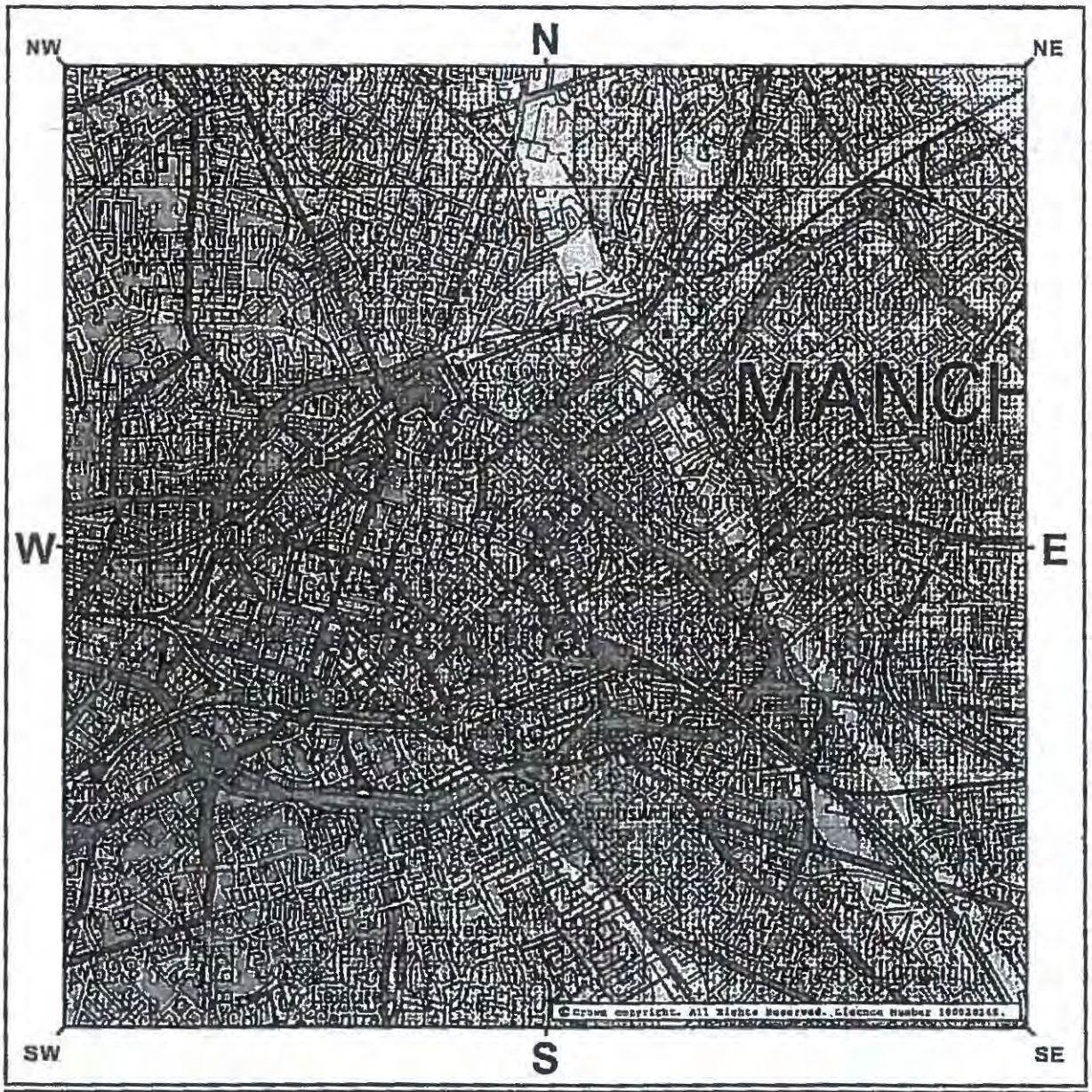
Geological

- BGS Borehole
- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Environment Agency · British Geological Survey · Ordnance Survey Leased Parcel



KEY

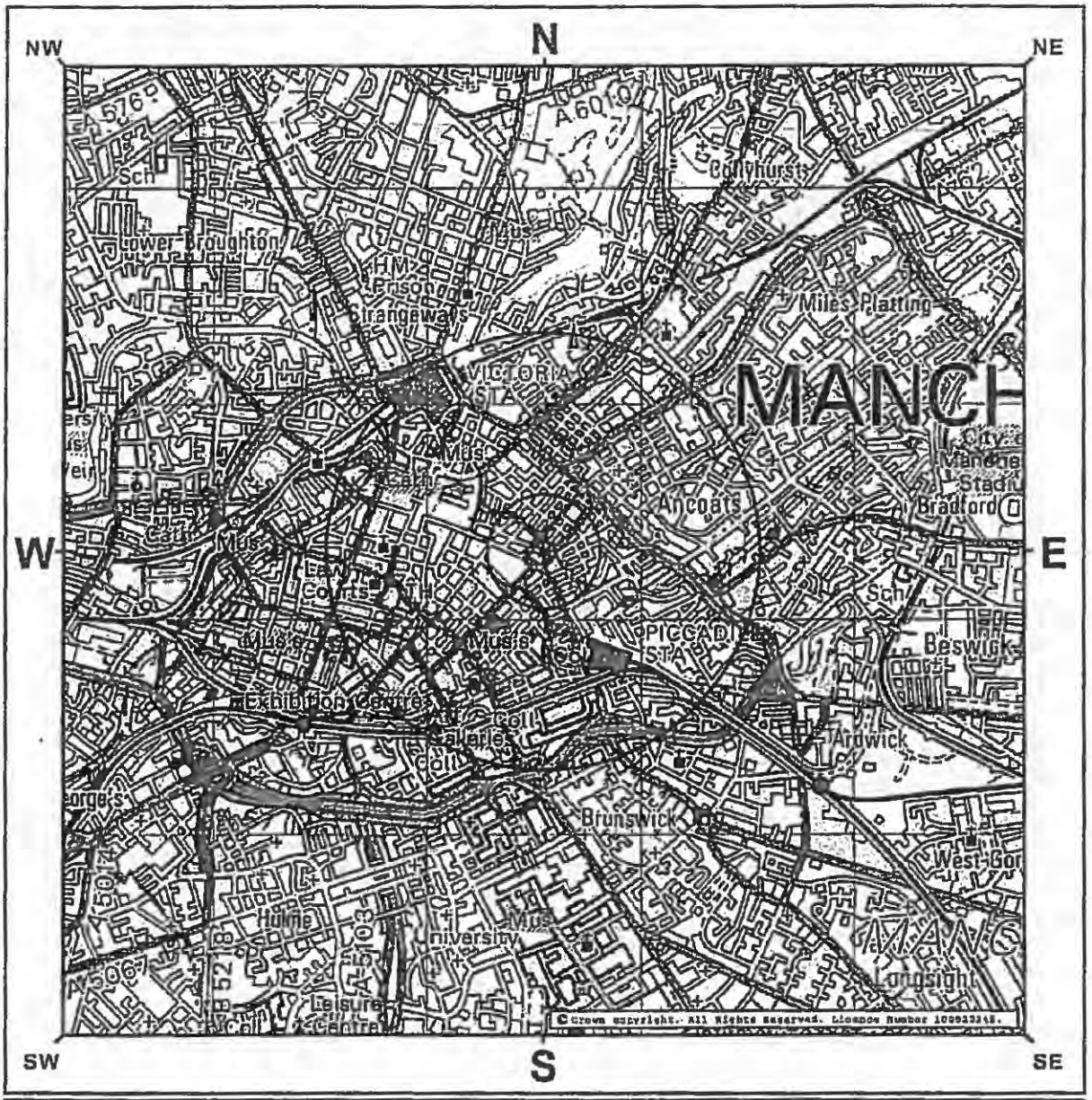
General

- Specified Site
- Bearing Reference Point
- Buffer

Groundwater Vulnerability

Geological Classes	Soil Classes
Major Aquifer (High Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Minor Aquifer (Variable Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Non Aquifer (Negligibly Permeable)	

Drift Deposit



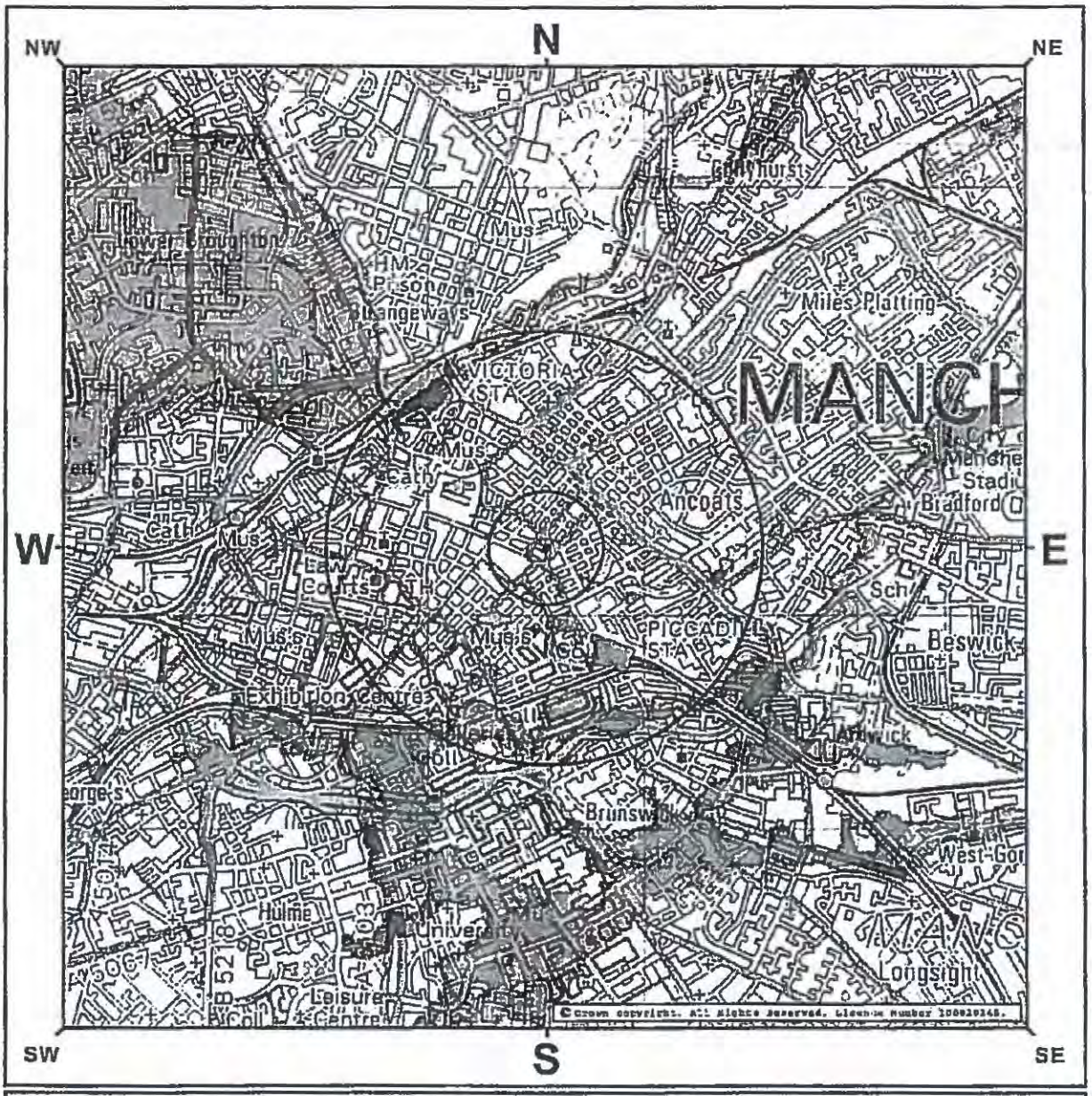
KEY

General

- Specified Site
- Bearing Reference Point
- Buffer

Sensitive Land Uses

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



KEY

General

- Specified Site
- Bearing Reference Point
- Buffer

Agency & Hydrological

Environment Agency

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

Map ID	Details		Compass Direction	Estimated Distance From Site	Contact	NGR
	BGS Boreholes					
333	BGS Reference:	Sj89nw240	SW	994	5	383910 397530
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Delete				
	BGS Boreholes					
334	BGS Reference:	Sj89nw1492	SW	983	5	383850 397600
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Great Bridgewater Street 5				
	BGS Boreholes					
335	BGS Reference:	Sj89nw1634	N	985	5	384370 399300
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Roger Street Manchester 6				
	BGS Boreholes					
35	BGS Reference:	Sj89nw1644	N	990	5	384400 399310
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Roger Street Manchester Tp 9				
	BGS Boreholes					
335	BGS Reference:	Sj89nw1636	N	993	5	384380 399310
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Roger Street Manchester Tp 1				
	BGS Boreholes					
336	BGS Reference:	Sj89nw16	S	991	5	384560 397310
	Drilled Length (m):	12.19				
	Borehole Name:	Manchester Corp. Corner Of Greek Street				
	BGS Boreholes					
337	BGS Reference:	Sj89nw2765	NW	992	5	383630 398730
	Drilled Length (m):	Not Supplied				
	Borehole Name:	Sewer Renovations/Renewals Chapel Street Salford 18				
	BGS Boreholes					
338	BGS Reference:	Sj89ne113	SE	994	5	385140 397500
	Drilled Length (m):	141.12				
	Borehole Name:	Moseley & Sons, Chapelfield Rubber Works				
	BGS Boreholes					
339	BGS Reference:	Sj89nw2903	N	994	5	384450 399320
	Drilled Length (m):	Not Supplied				
	Borehole Name:	New Roger Street Bridge 4				
	BGS Boreholes					
340	BGS Reference:	Sj89nw3739	W	998	5	383550 398120
	Drilled Length (m):	4.6				
	Borehole Name:	Lloyd Street/Hardman Street Sewer Rep. Scheme Bh 4				
	BGS Boreholes					
341	BGS Reference:	Sj89ne1836	E	999	5	385550 398450
	Drilled Length (m):	4.4				
	Borehole Name:	St Mary'S Bypass, Lowton Bh 18				
	BGS 1:625,000 Solid Geology					
	Description:	Permian and Triassic sandstones, undifferentiated,including Bunter and Keuper	-	0	5	384540 398320
	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.	-	0	5	384540 398320
	Shallow Mining Hazards					
	Description	No Hazard	-	-	-	-
	Potential for Collapsible Ground Stability Hazards					
	Description	No Hazard	-	-	-	-
	Potential for Compressible Ground Stability Hazards					
	Hazard Potential:	No Hazard	-	0	5	384540 398320
	Source:	British Geological Survey, National Geoscience Information Service				

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Envirocheck® Report:

Historical Map List

Report on:
35 Back Piccadily
ManchesterM1 1HE

National Grid Reference :
384540, 398320

Prepared For :
Soiltechnics
12892
Cedar Barn
White Lodge
NorthamptonNN6 9PY

Your Reference
Mr B Thomson,STB0620D

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Ordnance Survey County Series Published 1892 to 1893 (1)

County	Mapsheet	Scale	Year
Lancashire And Furness	104_06	1:2,500	1892
Lancashire And Furness	104_07	1:2,500	1893
Lancashire And Furness	104_11	1:2,500	1893

Ordnance Survey County Series Published 1908 (2)

County	Mapsheet	Scale	Year
Lancashire And Furness	104_06	1:2,500	1908
Lancashire And Furness	104_07	1:2,500	1908
Lancashire And Furness	104_10	1:2,500	1908
Lancashire And Furness	104_11	1:2,500	1908

Ordnance Survey County Series Published 1922 to 1933 (3)

County	Mapsheet	Scale	Year
Lancashire And Furness	104_06	1:2,500	1933
Lancashire And Furness	104_07	1:2,500	1922
Lancashire And Furness	104_10	1:2,500	1922
Lancashire And Furness	104_11	1:2,500	1922

Ordnance Survey Plan Published 1950 to 1951 (1)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497	1:2,500	1950
Ordnance Survey Plan	SJ8498	1:2,500	1951

Ordnance Survey Plan Published 1955 (2)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497	1:2,500	1955
Ordnance Survey Plan	SJ8498	1:2,500	1955

Ordnance Survey Plan Published 1965 (3)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497	1:2,500	1965
Ordnance Survey Plan	SJ8498	1:2,500	1965

Ordnance Survey Plan Published 1969 to 1970 (4)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497	1:2,500	1970
Ordnance Survey Plan	SJ8498	1:2,500	1969

Ordnance Survey Plan Published 1948 (1)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497NE	1:1,250	1948
Ordnance Survey Plan	SJ8497NW	1:1,250	1948
Ordnance Survey Plan	SJ8498NE	1:1,250	1948
Ordnance Survey Plan	SJ8498SE	1:1,250	1948
Ordnance Survey Plan	SJ8498SW	1:1,250	1948

Ordnance Survey Plan Published 1951 to 1964 (2)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497NE	1:1,250	1954
Ordnance Survey Plan	SJ8497NW	1:1,250	1964
Ordnance Survey Plan	SJ8498NE	1:1,250	1953
Ordnance Survey Plan	SJ8498SE	1:1,250	1954
Ordnance Survey Plan	SJ8498SW	1:1,250	1951

Ordnance Survey Plan Published 1963 to 1971 (3)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497NE	1:1,250	1964
Ordnance Survey Plan	SJ8498NE	1:1,250	1963
Ordnance Survey Plan	SJ8498NW	1:1,250	1963
Ordnance Survey Plan	SJ8498SE	1:1,250	1971
Ordnance Survey Plan	SJ8498SW	1:1,250	1968

Ordnance Survey Plan Published 1971 to 1986 (4)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497NE	1:1,250	1971
Ordnance Survey Plan	SJ8498NE	1:1,250	1986
Ordnance Survey Plan	SJ8498NW	1:1,250	1986
Ordnance Survey Plan	SJ8498SW	1:1,250	1986

Additional SIMs Published 1980 to 1985 (1)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497NE	1:1,250	1984
Ordnance Survey Plan	SJ8497NW	1:1,250	1985
Ordnance Survey Plan	SJ8498NE	1:1,250	1984
Ordnance Survey Plan	SJ8498NW	1:1,250	1980
Ordnance Survey Plan	SJ8498SE	1:1,250	1985
Ordnance Survey Plan	SJ8498SW	1:1,250	1980

Additional SIMs Published 1990 (2)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497NW	1:1,250	1990
Ordnance Survey Plan	SJ8498SE	1:1,250	1990

Supply of Unpublished Survey Information Published 1976 (1)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497NE	1:1,250	1976

Large-Scale National Grid Data Published 1992 (1)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497NE	1:1,250	1992
Ordnance Survey Plan	SJ8497NW	1:1,250	1992
Ordnance Survey Plan	SJ8498NE	1:1,250	1992
Ordnance Survey Plan	SJ8498NW	1:1,250	1992
Ordnance Survey Plan	SJ8498SE	1:1,250	1992
Ordnance Survey Plan	SJ8498SW	1:1,250	1992

Large-Scale National Grid Data Published 1994 to 1995 (2)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ8497NE	1:1,250	1995
Ordnance Survey Plan	SJ8497NW	1:1,250	1994
Ordnance Survey Plan	SJ8498NE	1:1,250	1995
Ordnance Survey Plan	SJ8498SW	1:1,250	1995

Ordnance Survey County Series Published 1882 (1)

County	Mapsheet	Scale	Year
Cheshire	003A_00	1:10,560	1882

Ordnance Survey County Series Published 1848 (1)

County	Mapsheet	Scale	Year
Lancashire And Furness	104_00	1:10,560	1848

Ordnance Survey County Series Published 1894 to 1896 (2)

County	Mapsheet	Scale	Year
Lancashire And Furness	104_NE	1:10,560	1894
Lancashire And Furness	104_NW	1:10,560	1895
Lancashire And Furness	104_SE	1:10,560	1895
Lancashire And Furness	104_SW	1:10,560	1896

Ordnance Survey County Series Published 1909 (3)

County	Mapsheet	Scale	Year
Lancashire And Furness	104_NE	1:10,560	1909
Lancashire And Furness	104_NW	1:10,560	1909
Lancashire And Furness	104_SE	1:10,560	1909
Lancashire And Furness	104_SW	1:10,560	1909

Ordnance Survey County Series Published 1923 to 1938 (4)

County	Mapsheet	Scale	Year
Lancashire And Furness	104_NE	1:10,560	1923
Lancashire And Furness	104_NW	1:10,560	1923
Lancashire And Furness	104_SE	1:10,560	1923
Lancashire And Furness	104_SW	1:10,560	1938

Ordnance Survey Plan Published 1956 (1)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ89NE	1:10,560	1956
Ordnance Survey Plan	SJ89NW	1:10,560	1956

Ordnance Survey Plan Published 1968 (2)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ89NE	1:10,560	1968

Ordnance Survey Plan Published 1972 to 1981 (1)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ89NE	1:10,000	1981
Ordnance Survey Plan	SJ89NW	1:10,000	1972

Ordnance Survey Plan Published 1980 to 1987 (2)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ89NE	1:10,000	1987
Ordnance Survey Plan	SJ89NW	1:10,000	1980

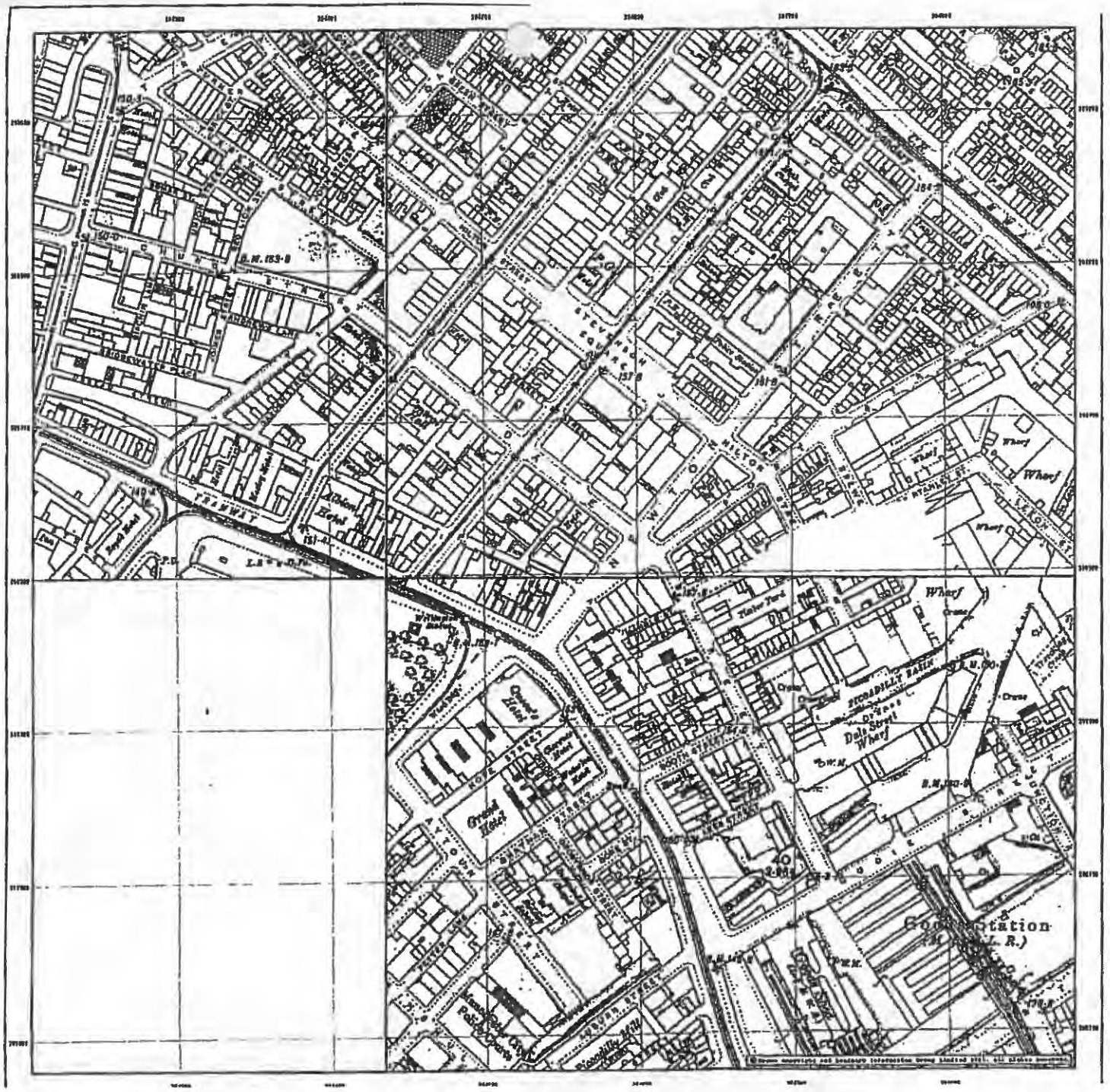
Ordnance Survey Plan Published 1993 to 1994 (3)

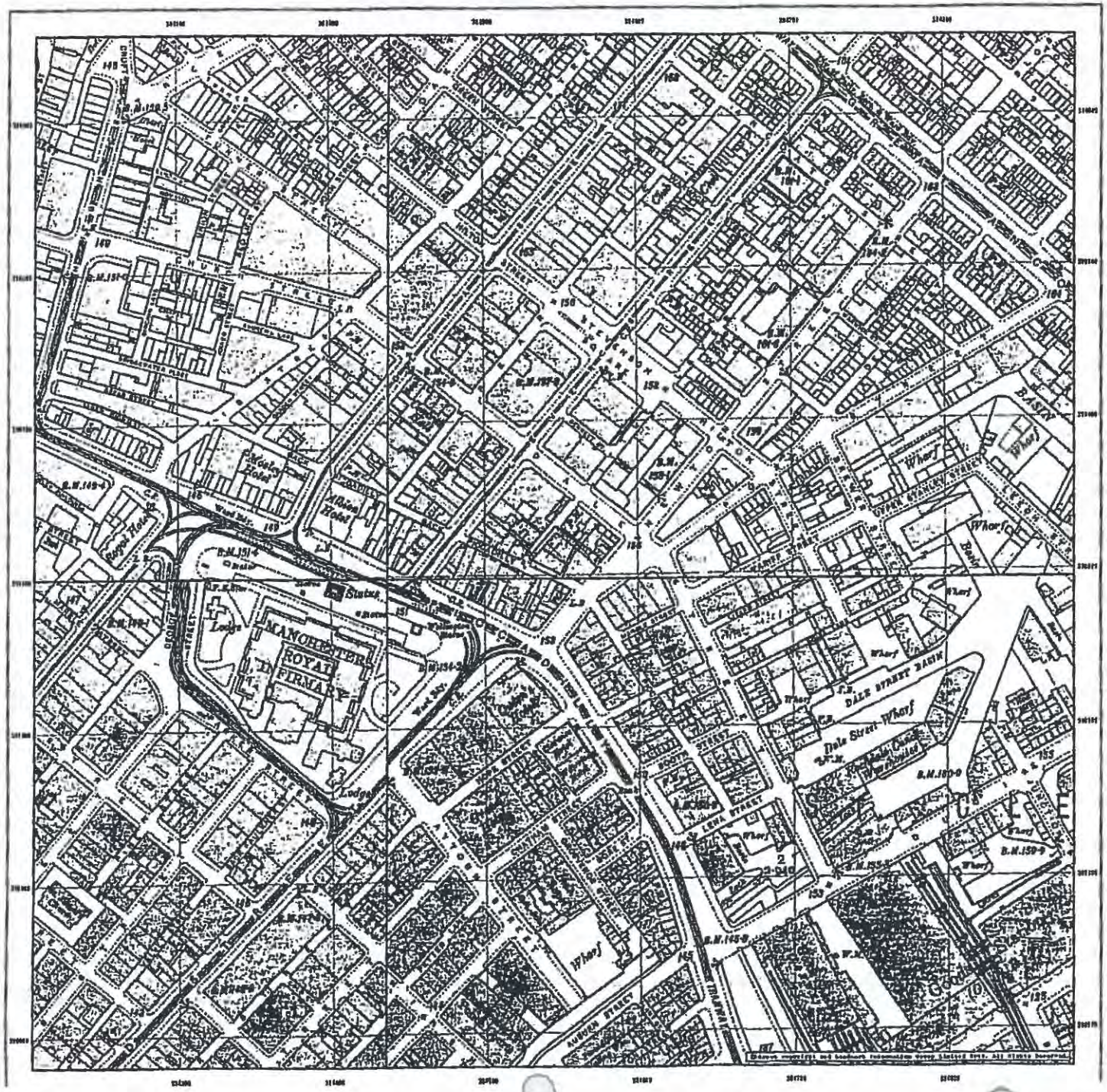
National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ89NE	1:10,000	1993
Ordnance Survey Plan	SJ89NW	1:10,000	1994

10K Raster Mapping Published 1999 (1)

National Grid Series	Mapsheet	Scale	Year
Ordnance Survey Plan	SJ89NE	1:10,000	1999
Ordnance Survey Plan	SJ89NW	1:10,000	1999

Currently we do not have agreement with Ordnance Survey to provide Large Scale National Grid Data from 1996 onwards.


Wharf
Dale Street Wharf
PICCADILLY BASIN
Goods Station
(L. & N.W.R.)
Gas Works
Gasometer
Gasometer
Gasometer



Envirocheck®
A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: Mr S Thomas, RTB/0360
Bellmchales
Cedar Barn White Lodge
Northampton
NN6 0PY

SITE DETAILS Grid Reference 384648 398320

10 Back Piccadilly

Manchester
M1 1HD

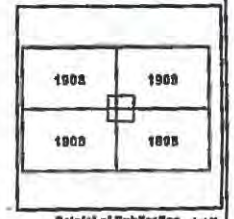
Historical Map Legend

Quarry	Sand Pit	Marsh	Reeds
Gravel Pit	Clay Pit	Rough Pasture	Furze
Refuse Heap	Shingle	Osiers	Ford
Railway crossing River or Canal	Railway crossing Road	Level Crossing	
Embankment	Cutting	Road crossing Railway	
Road over single Stream	Road over River or Canal	Arrow denotes flow of Water	

Ordnance Survey County Series 2

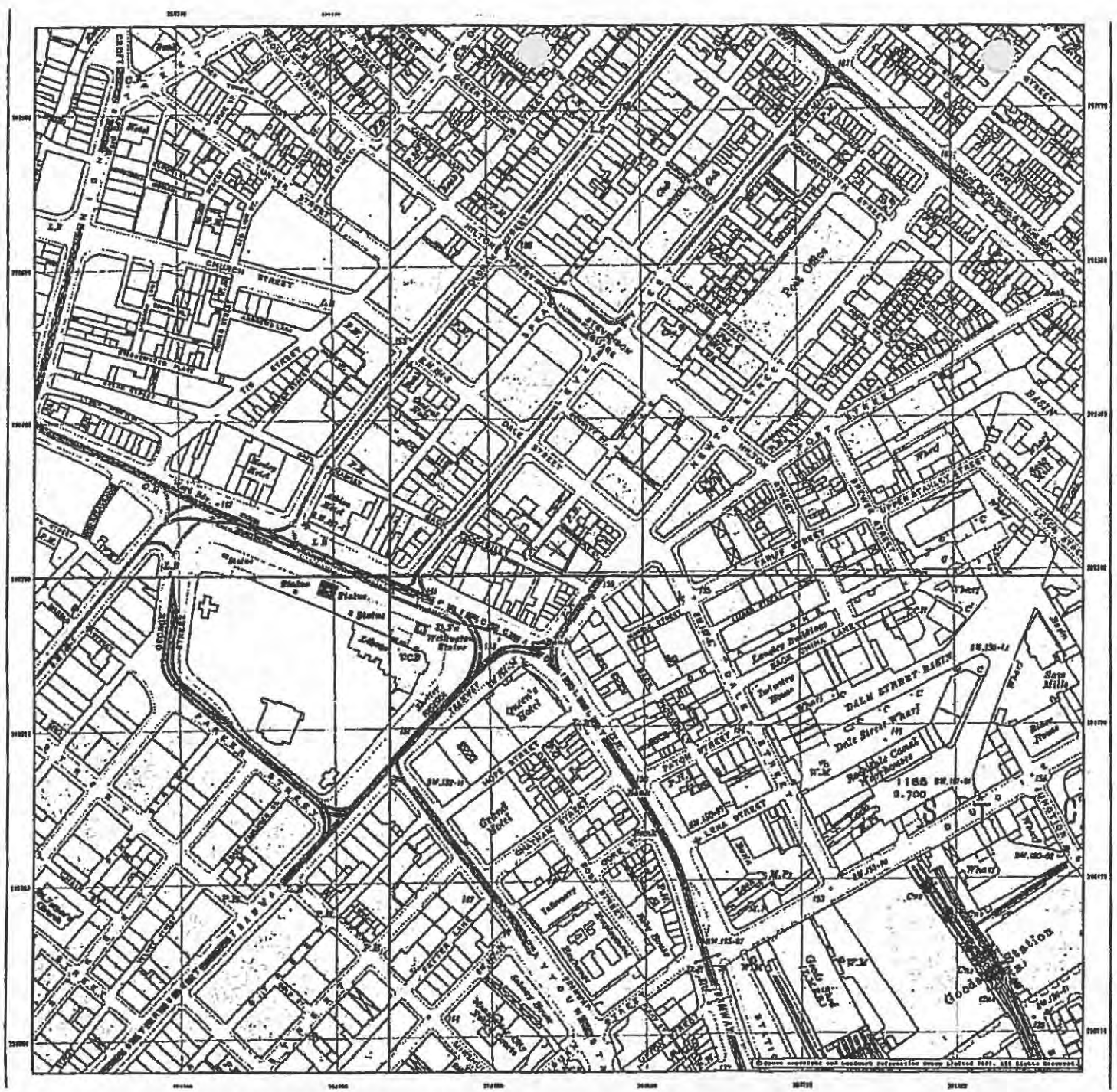
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 6,360 scale was adopted for mapping urban areas and by 1891 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given on the right is often several years later than the surveyed date. Before 1888, all OS maps were based on the Ordnance Projection, with independent surveys of a single county or parts of counties, giving rise to slightly inconsistencies in adjoining areas.

LANCASHIRE AND FURNESS
Published 1908
Source map scale - 1:2,500



Date(s) of Publication 3 of 7

Ordnance Survey
Landmark Information Group



Envirocheck

A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: B Thomas, ST90270

Solihull

Cedar Tree Wills Lodge

Northampton

NN6 0PY

SITE DETAILS Grid Reference 384540 398320

33 Back Piccadilly

Manchester

M1 1HG

Historical Map Legend

Quarry | Sand Pit | Marsh | Reeds

Gravel Pit | Clay Pit | Rough Pasture | Furze

Refuse Heap | Shingle | Osiers | Ford

Railway crossing River or Canal | Railway crossing Road | Level Crossing

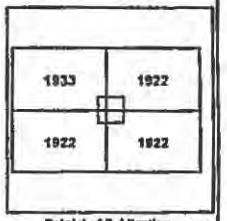
Embankment | Cutting | Road crossing Railway

Road over single Stream | Road over River or Canal | Arrow denotes flow of Water

Ordnance Survey County Series 3

The historical maps shown were reproduced from maps predominantly held at the scale selected for England, Wales and Scotland in the 1840's. In 1855 the 6inch/1 mile was adopted for mapping urban areas and by 1890 it covered the whole of what were considered to be the urbanised parts of Great Britain. The published date given on the right is often some years later than the surveys it was. Before 1870, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inconsistencies in mapping across

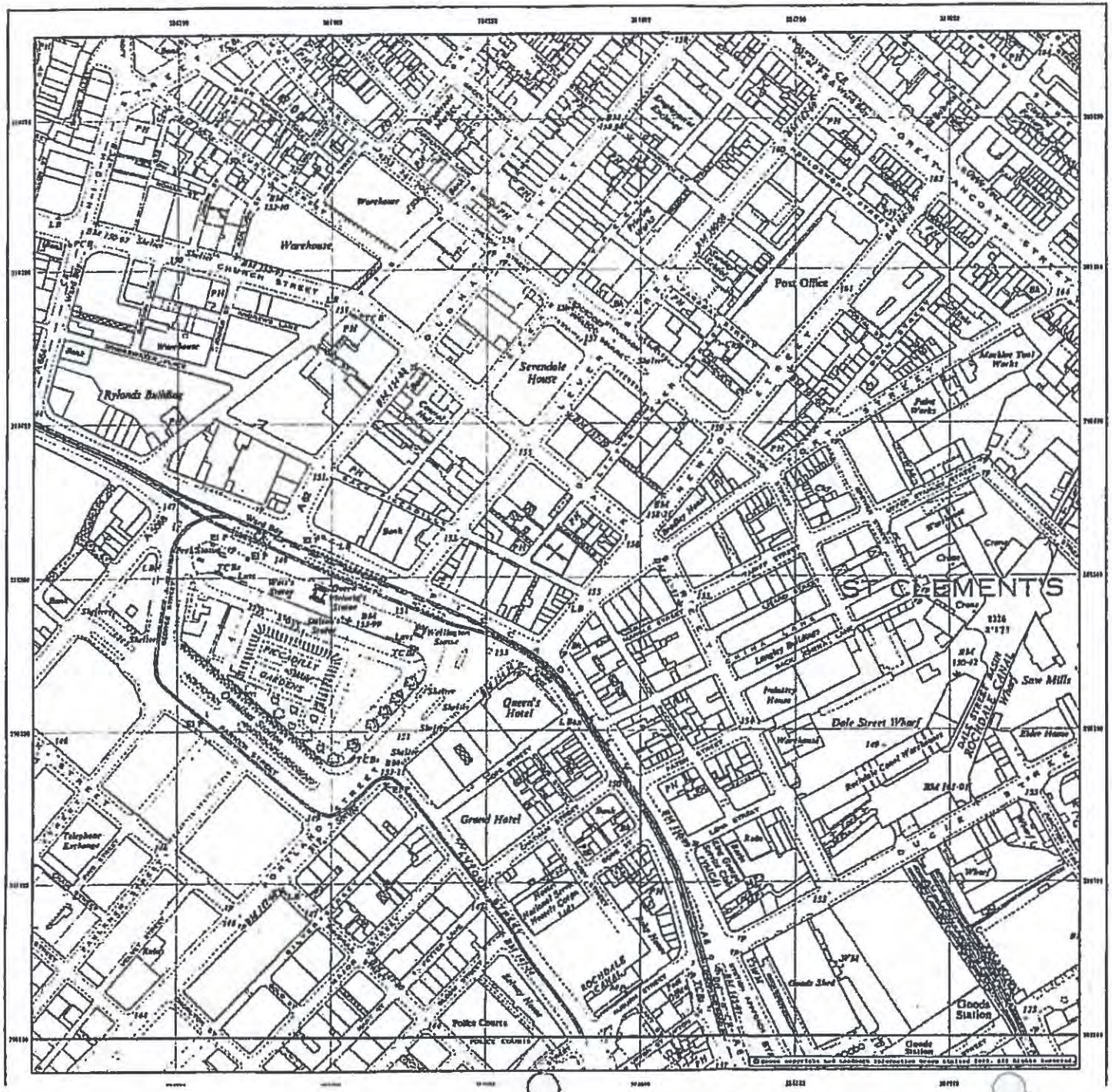
LANCASHIRE AND FURNESS
Published 1922 to 1933
Source map scale - 1:2,500

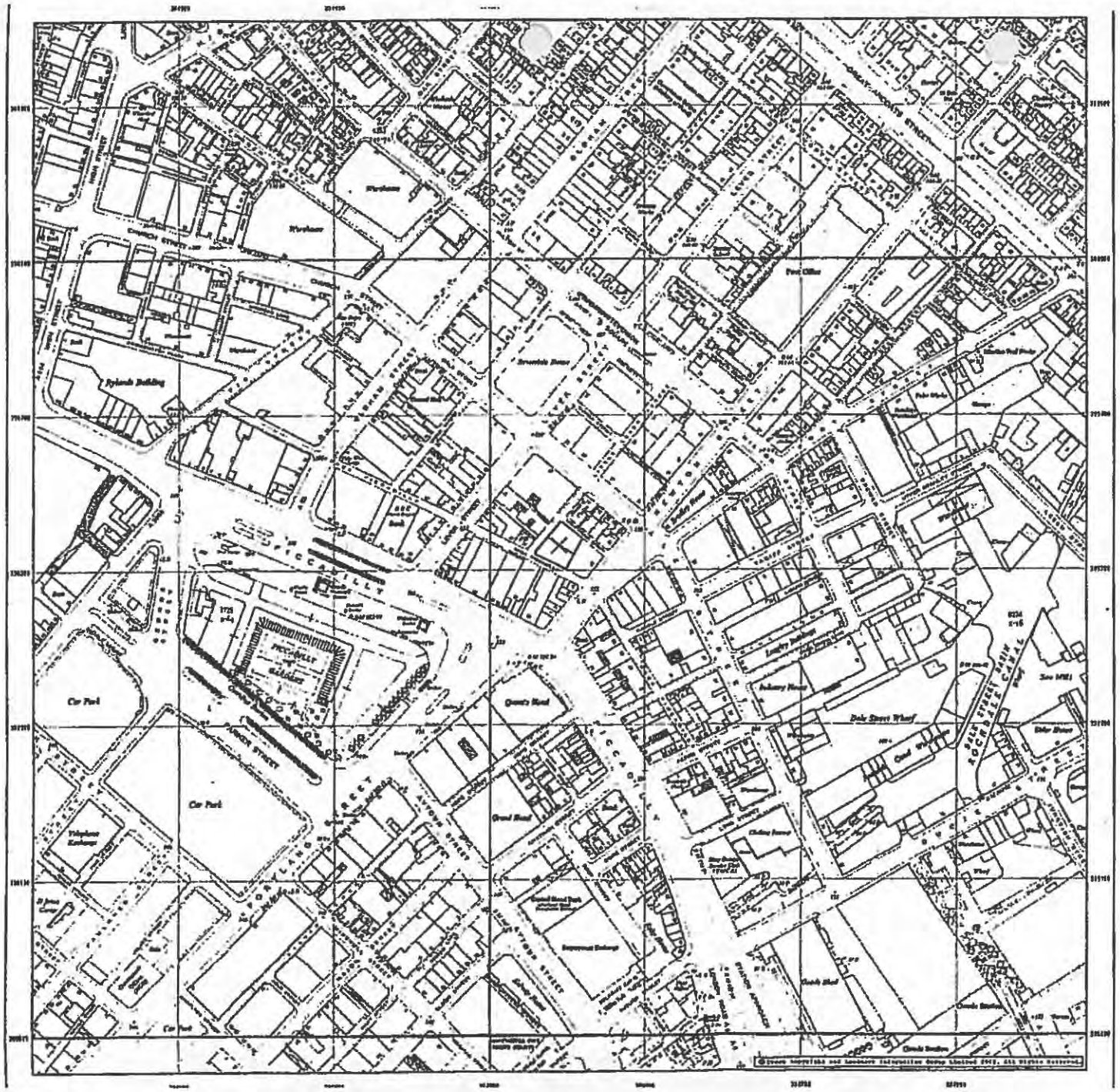


Date(s) of Publication

Ordnance Survey

LANDMARK Information Group


Warehouse
Warehouse
Post Office
Church Street
Rylands Building
Serendale House
Bank
Bank
Queen's Hotel
Grand Hotel
Telephone Exchange
Police Courts
Goods Station
Goods Station
Dale Street Wharf
Saw Mills
Elder House
Industry House
Lower Business Street
Lower Wharf Street
Rochdale Canal
Rochdale Canal Warehouse
Rochdale Canal Wharf
Oxford Street
Oxford Road
Whitworth Street
Whitworth Street West
Princess Street
Portland Street
Fairfield Street
Great Ancoats Street
Ashton Canal
Ashton Tool Works
Pump Works
Gas Works
Gas Holder
Crane
Crane
Wharf
Wharf
Goods Shed
Goods Shed
Engine Shed
Engine Shed
Engine



Envirocheck®
A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14832831_1_1

Customer Ref: Mr B Thompson,STOCKTO
Bubblehouse
Cedar Rise White Lodge
Northampton
NN6 0PT

SITE DETAILS Grid Reference 384540 398320

39 Back Piccadilly

Manchester
M1 1HE

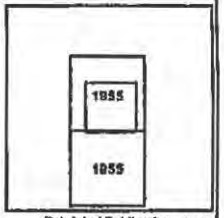
Historical Map Legend

- Inactive Quarry, Chalk Pit or Clay Pit
- Active Quarry, Chalk Pit or Clay Pit
- Culvert
- Slope
- Slope
- Pylon
- Electricity Transmission Line
- Direction of Water flow
- Coppice, Osier
- Marsh
- Saltings
- Orchard Tree
- Reeds
- Rough Grassland
- Scrub
- Heath
- Bracken
- Coniferous Tree (Surveyed)
- Coniferous Tree (Not Surveyed)
- Non-coniferous Tree (Surveyed)
- Non-coniferous Tree (Not Surveyed)

Ordnance Survey Plan 2

The historical maps shown were reproduced from maps permanently held at the map archive for England, Wales and Scotland by the OS. In 1974 the OS introduced a new mapping scheme and by 1995 it covered the whole of what was considered to be the developed areas of Great Britain. The published date given on the right is often many years later than the surveyed date. Before 1974, 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 mapping errors.

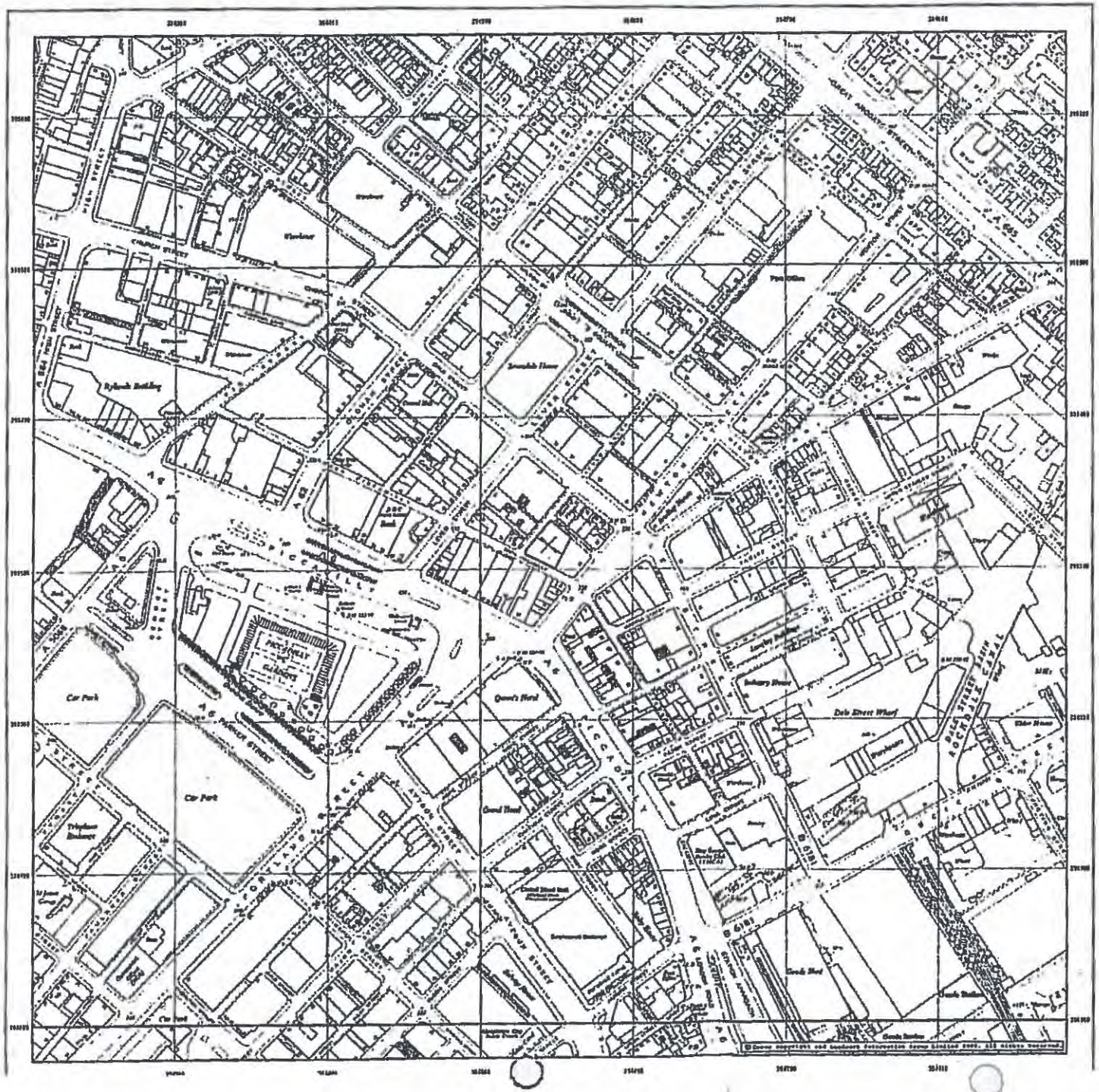
ORDNANCE SURVEY PLAN
Published 1955
Source map scale - 1:2,500

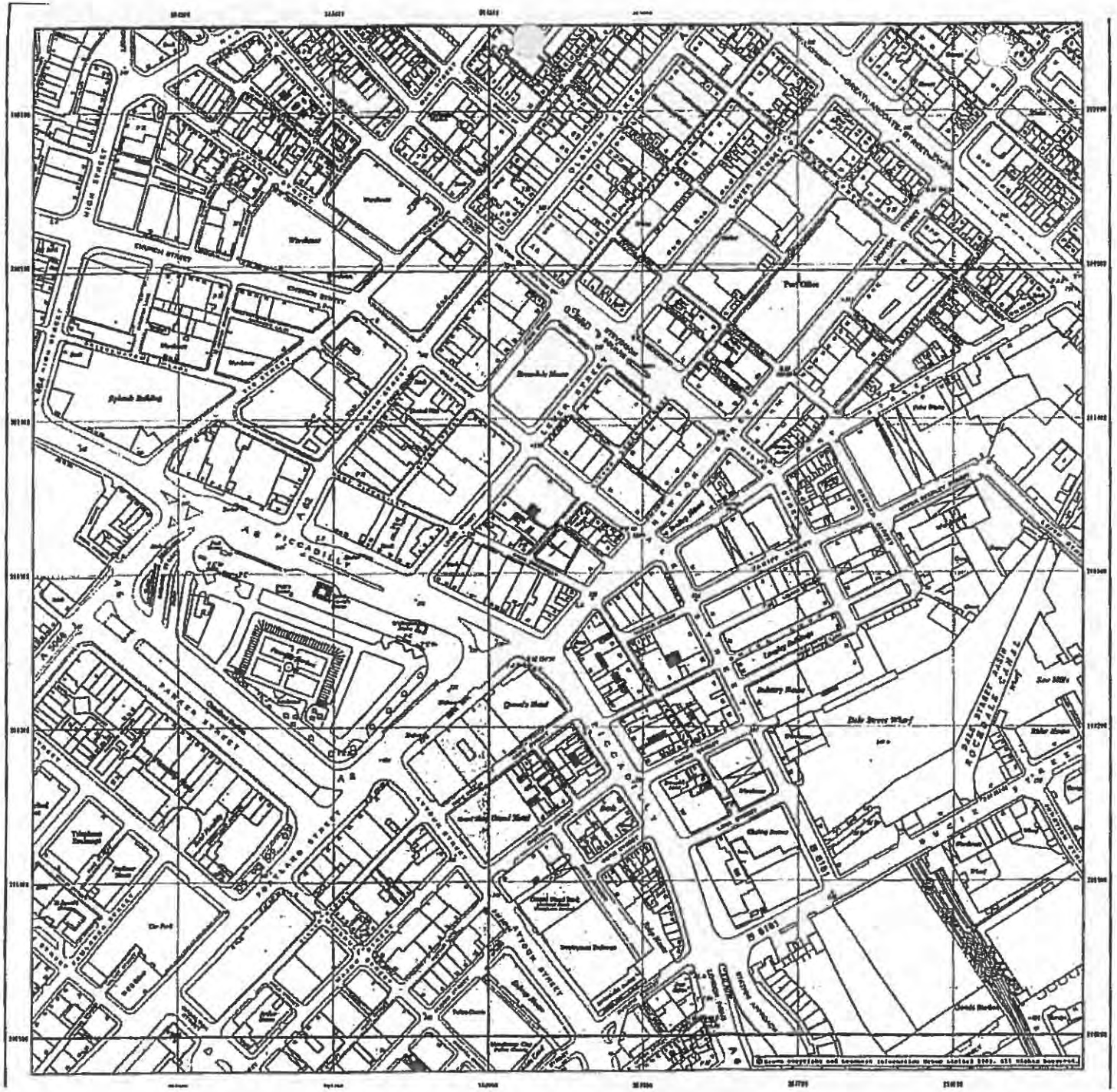


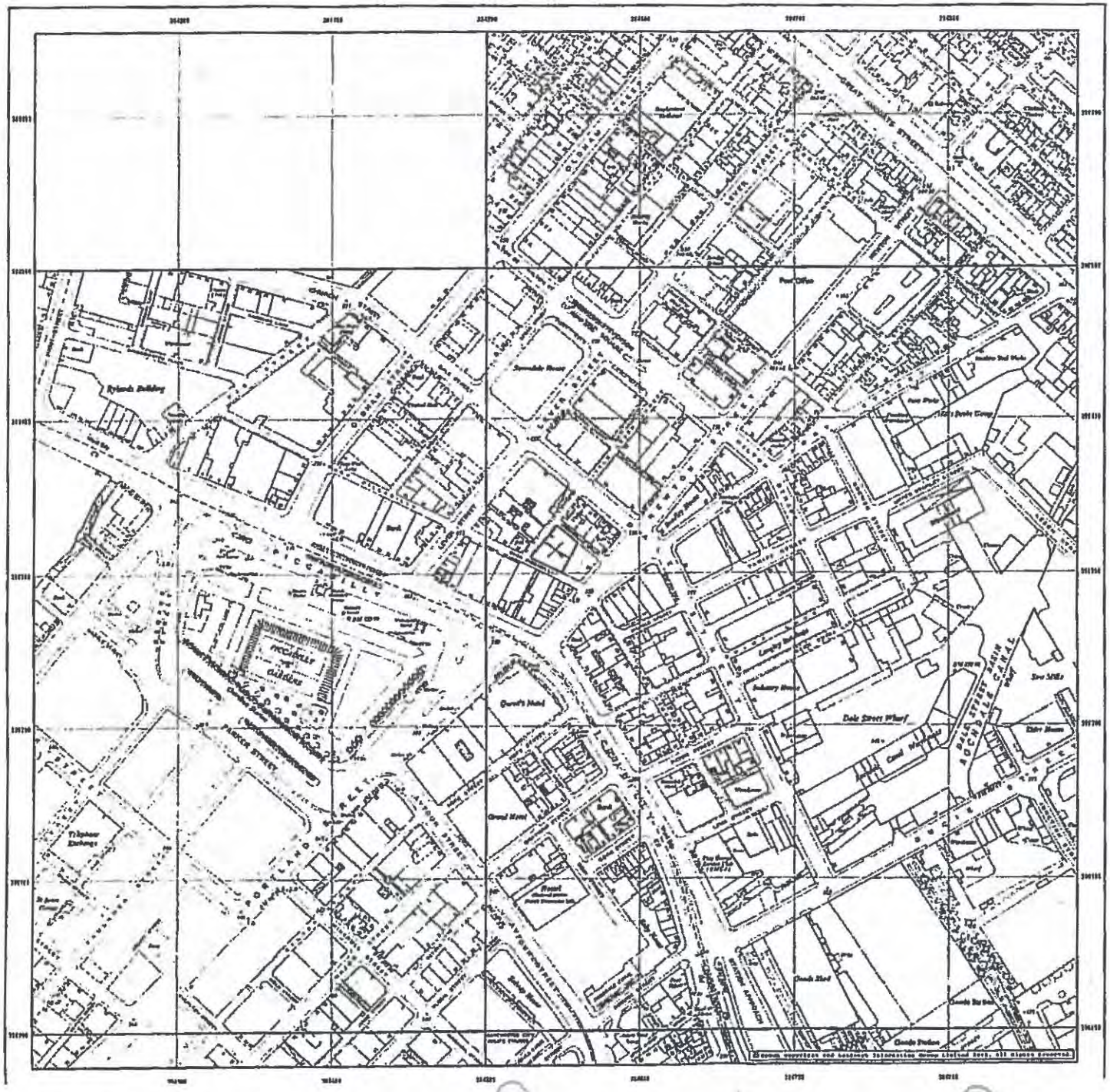
Date(s) of Publication

Ordnance Survey Licensed Partner

LANDMARK Information Group


Car Park
Car Park
Queen's Head
Dale Street Wharf
Canal Head
Canal Head Hall
Canal Head
Canal Basin
Pumping Station
Sorting Office
Gas Works
Gas Holder
Gas Holder
Gas Holder


A 4
A 3
A 2
A 1
PICCADILLY
PARKER STREET
LEVER STREET
CHURCH STREET
HIGH STREET
Sylvain Building
Queens Hotel
Bridge Street Wharf
Rochdale Canal
Lever Street Chambers
Portland Basin
Ellesmere Street
Ducie Street
Ducie Bridge
Ducie Street Warehouse
Dale Street Bridge
Dale Street Basin
Rochdale Canal
Canal Head Junction
Canal Head Bridge
Canal Head Warehouse
Canal Head Basin
Canal Head Lock
Canal Head Lock Cottage
Canal Head Lock Warehouse
Canal Head Lock Stables
Canal Head Lock Office
Canal Head Lock Yard
Canal Head Lock Gate
Canal Head Lock Bridge
Canal Head Lock Tunnel
Canal Head Lock Aqueduct
Canal Head Lock Culvert
Canal Head Lock Weir
Canal Head Lock Overflow
Canal Head Lock Spillway
Canal Head Lock Channel
Canal Head Lock Basin
Canal Head Lock Wharf
Canal Head Lock Warehouse
Canal Head Lock Office
Canal Head Lock Cottage
Canal Head Lock Stables



Envirocheck®
A Landmark® product

CLIENT DETAILS Envirocheck Order No. EC14832831_1_1

Customer Ref: Mr G Thompson,07966790

Cedar Barn Wicks Lodge
Northampton
NN6 9PT

SITE DETAILS Grid Reference 384540 398320

35 Back Piccadilly

Manchester
M1 1HE

Historical Map Legend

Inactive Quarry, Chalk Pit or Clay Pit
Active Quarry, Chalk Pit or Clay Pit
Culvert
Slope
Slope
Pylon
Electricity Transmission Line
Direction of Water flow
Coppice, Osier
Marsh
Saltings
Orchard Tree
Reeds
Rough Grassland
Scrub
Heath
Bracken
Coniferous Tree (Surveyed)
Coniferous Tree (Not Surveyed)
Non-coniferous Tree (Surveyed)
Non-coniferous Tree (Not Surveyed)

Ordnance Survey Plan

The historical maps shown were reproduced from maps produced only for the scale adopted for England, Wales and Scotland in the 1:500 to 1:2,500 scale were adapted for mapping urban areas and by 1879 it covered the whole of most rural positions to the published parts of Great Britain. The published date shown on the right is often some years later than the surveyed date. Before 1910, all OS maps were based on the Cassini Projection, with subsequent surveys of a single county or group of counties, giving rise to significant inconsistencies in overlap areas.

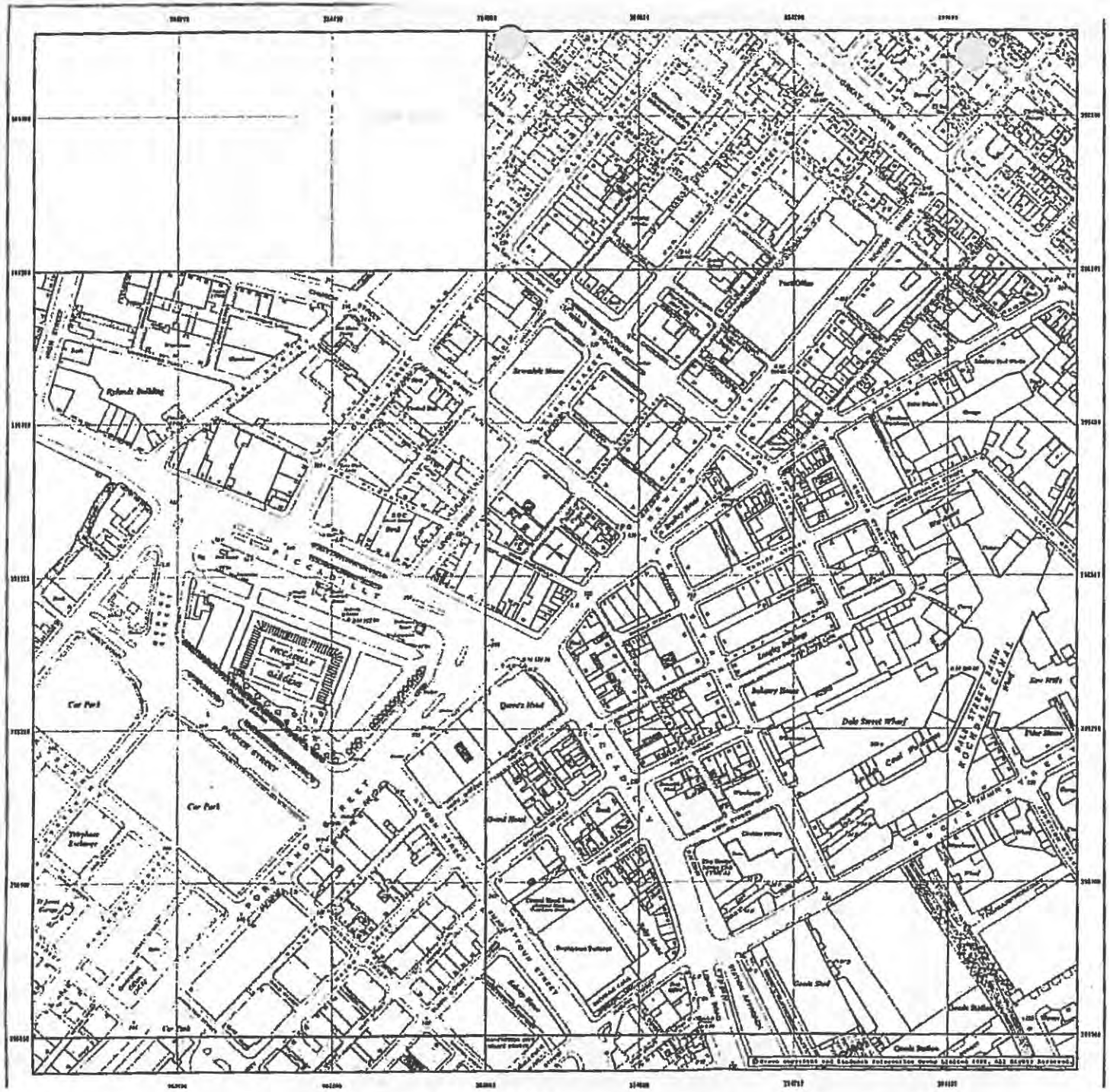
ORDNANCE SURVEY PLAN
Published 1948
Source map scale - 1:1,250

1948
1948 1948
1948 1948

Date(s) of Publication

Ordnance Survey

LANDMARK Information Group



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CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: Mr B Thomson, 07895305
Bellbrooke
Cedar Barn Wake Lodge
Northampton
NN3 6PY

SITE DETAILS Grid Reference 384540 398320

33 Back Piccadilly

Manchester
M1 1HB

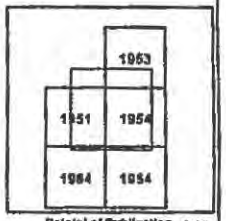
Historical Map Legend

- Inactive Quarry, Chalk Pit or Clay Pit
- Active Quarry, Chalk Pit or Clay Pit
- Culvert
- Slope
- Slope
- Pylon
- Electricity Transmission Line
- Direction of Water Flow
- Coppice, Osier
- Marsh
- Saltings
- Orchard Tree
- Reeds
- Rough Grassland
- Scrub
- Heath
- Bracken
- Coniferous Tree (Surveyed)
- Coniferous Tree (Not Surveyed)
- Non-coniferous Tree (Surveyed)
- Non-coniferous Tree (Not Surveyed)

Ordnance Survey Plan 2

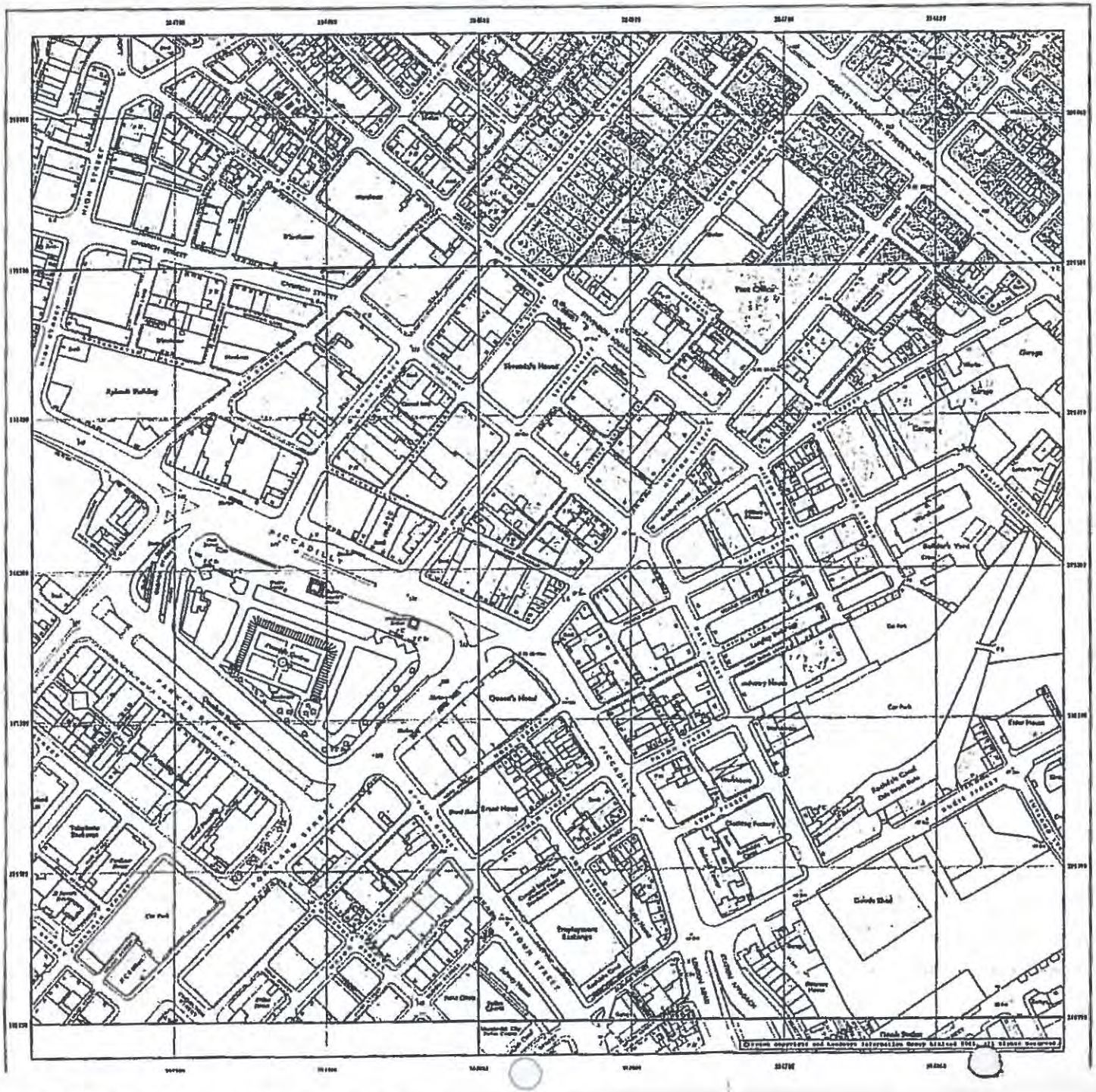
The historical maps shown were reproduced from maps published by the Ordnance Survey at the scale of 1:2500 for England, Wales and Scotland in the 1840's, in 1874 the 1:2,500 scale was adopted for mapping urban areas and by 1893 it covered the whole of what was considered to be the developed parts of Great Britain. The published date given on the right is often some years later than the surveyed date. Before 1855, all OS maps were based on the Principal Triangulation, with topographical surveys at a single survey or group of occasions, giving rise to significant inconsistencies in relative accuracy.

ORDNANCE SURVEY PLAN
Published 1951 to 1964
Source map scale - 1:1,250



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CLIENT DETAILS Envirocheck Order No. EC14632031_1_1

Customer Ref: Mr D Thomson, 07866369

Solihull Metro
Cedar Barn White Lodge
Northampton
NN6 0PY

SITE DETAILS Grid Reference 384840 398320

38 Back Piccadilly

Manchester
M1 1HB

Historical Map Legend

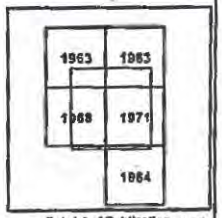
- Inactive Quarry, Chalk Pit or Clay Pit
- Active Quarry, Chalk Pit or Clay Pit
- Culvert
- Slope
- Slope
- Pylon
- Electricity Transmission Line
- Direction of Water flow
- Coppice, Osier
- Marsh
- Saltings
- Orchard Tree
- Reeds
- Rough Grassland
- Scrub
- Heath
- Bracken
- Coniferous Tree (Surveyed)
- Coniferous Tree (Not Surveyed)
- Non-coniferous Tree (Surveyed)
- Non-coniferous Tree (Not Surveyed)

Ordnance Survey Plan

3

The historical maps shown were derived from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1914 the 63,360 scale was adopted for mapping urban areas and by 1918 covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given on the right is what can be ascertained from the surveyed date. Before 1914, all 60 maps were based on the Circled Projection, with independent surveys of a single county or group of counties, giving rise to slight errors at boundaries of adjoining areas.

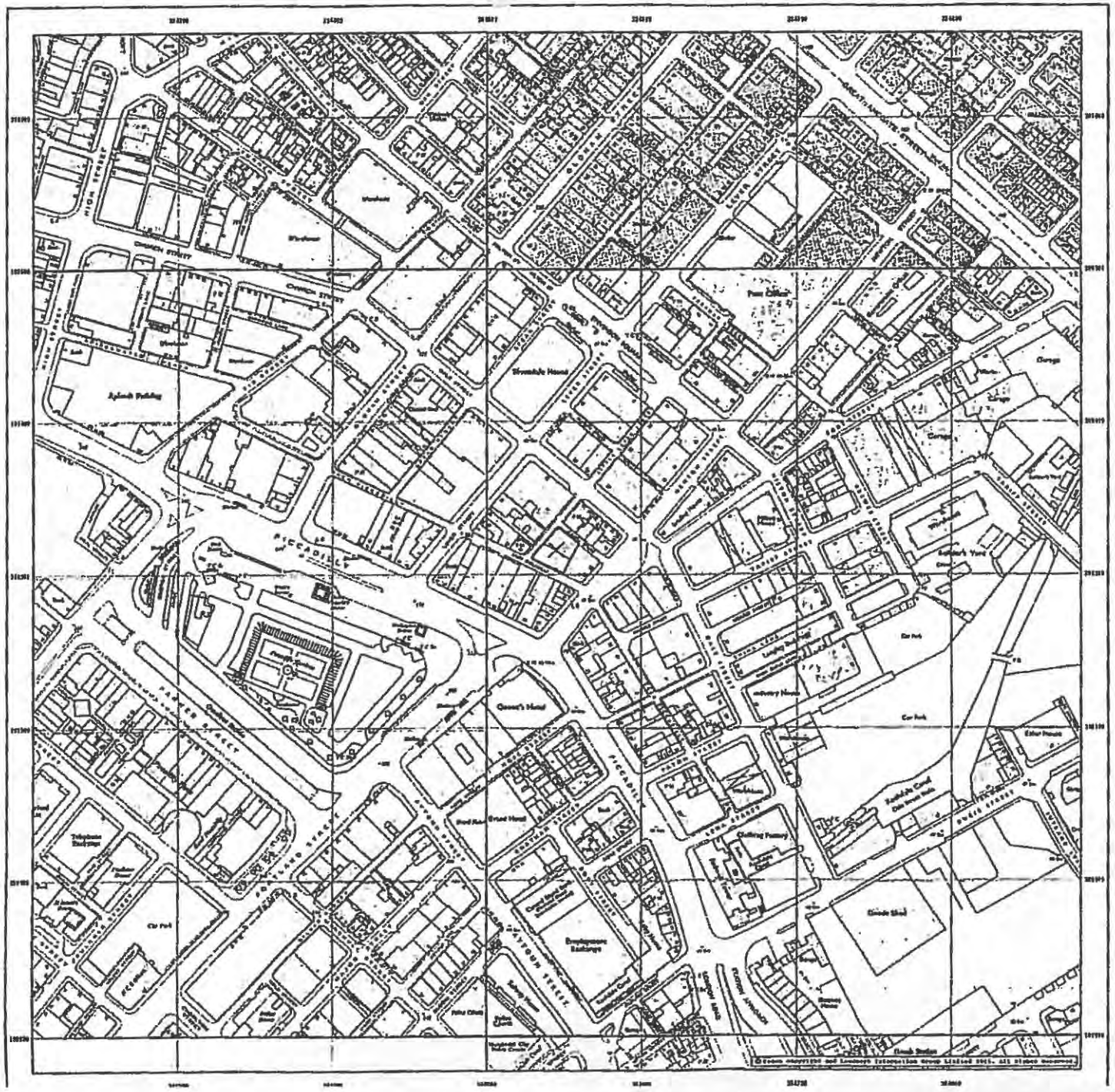
ORDNANCE SURVEY PLAN
Published 1963 to 1971
Source map scale - 1:1,250



Date(s) of Publication

Ordnance Survey Licensed Partner

LANDMARK Information Group



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CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: B Thomas_STD042020
Bottleholics
Cedar Barn White Ledge
Northampton
NN6 8PY

SITE DETAILS Grid Reference 384540 398320

10 Sent Piccadilly

Manchester
M1 1NE

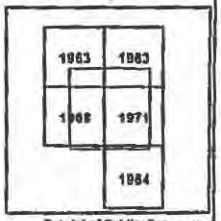
Historical Map Legend

- Inactive Quarry, Chalk Pit or Clay Pit
- Active Quarry, Chalk Pit or Clay Pit
- Culvert
- Slope
- Slope
- Pylon
- Electricity Transmission Line
- Direction of Water flow
- Coppice, Osier
- Marsh
- Saltings
- Orchard Tree
- Reeds
- Rough Grassland
- Scrub
- Heath
- Bracken
- Coniferous Tree (Surveyed)
- Coniferous Tree (Not Surveyed)
- Non-coniferous Tree (Surveyed)
- Non-coniferous Tree (Not Surveyed)

Ordnance Survey Plan 3

The historical maps shown were derived from maps permanently held at the scale referred for England, Wales and Scotland in the 1:500's. In 1911 the 1:2,500 scale was adopted for outstanding urban areas and by 1971 it covered the whole of what was considered to be the developed parts of Great Britain. The published date given on the right is not necessarily more than the surveyed date. Before 1855, all OS maps were based on the Circular Projection, with subsequent surveys at a single county or group of counties, giving rise to significant inconsistencies in adjoining areas.

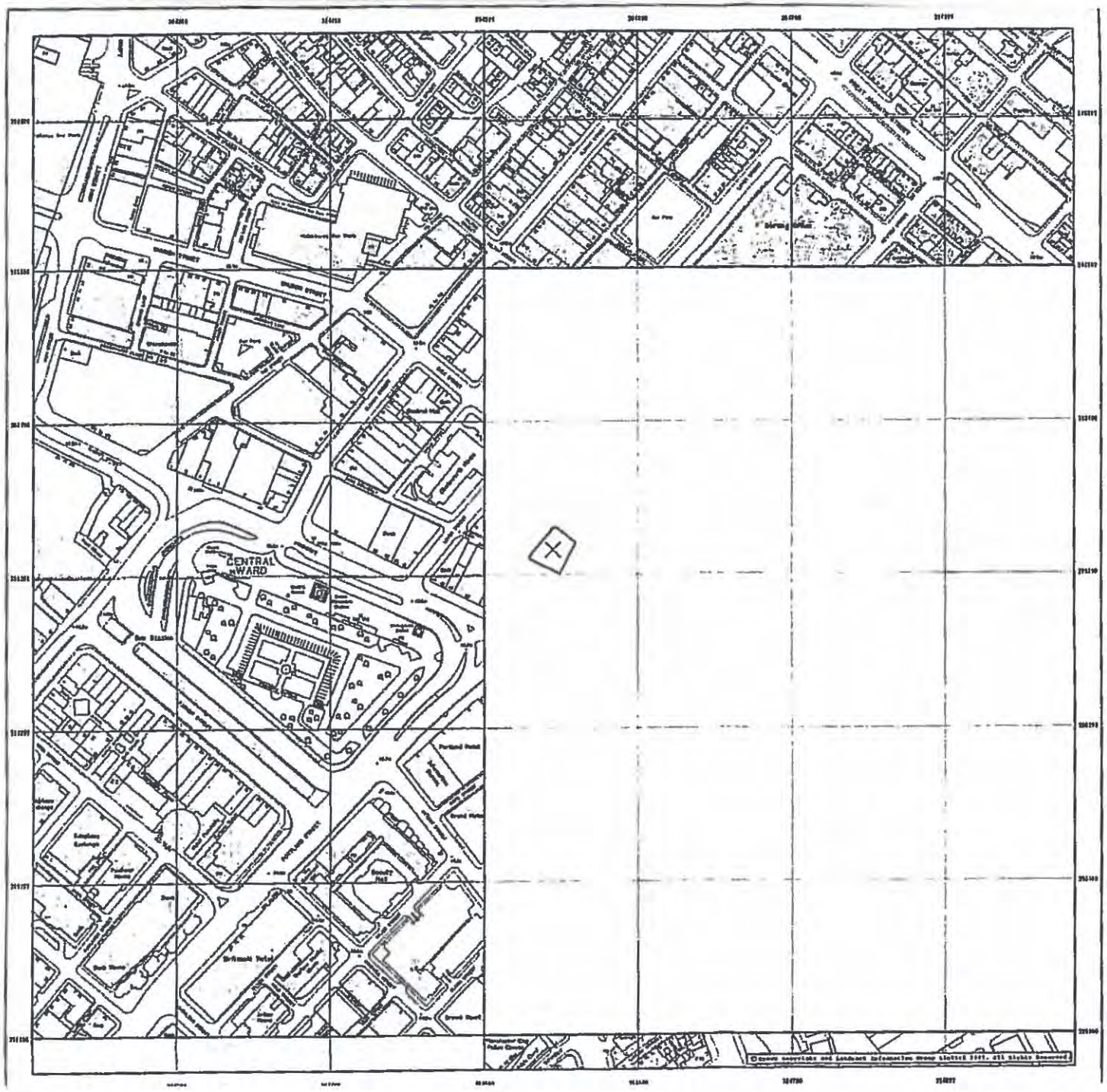
ORDNANCE SURVEY PLAN
Published 1963 to 1971
Source map scale - 1:1,250



Date(s) of Publication

Ordnance Survey Licensed Partner

LANDMARK Information Group



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CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: B Thomas,37880240
Bellacombe
Cedar Barn White Lodge
Northampton
NN6 2PY

SITE DETAILS Grid Reference 384540 398320

23 Bank Piccadilly

Manchester
M1 1HE

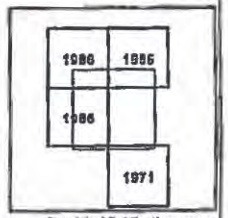
Historical Map Legend

- Inactive Quarry, Chalk Pit or Clay Pit
- Active Quarry, Chalk Pit or Clay Pit
- Culvert
- Slope
- Slope
- Pylon
- Electricity Transmission Line
- Direction of Water flow
- Coppice, Osier
- Marsh
- Saltings
- Orchard Tree
- Reeds
- Rough Grassland
- Scrub
- Heath
- Bracken
- Coniferous Tree (Surveyed)
- Coniferous Tree (Not Surveyed)
- Non-coniferous Tree (Surveyed)
- Non-coniferous Tree (Not Surveyed)

Ordnance Survey Plan 4

The historical maps shown were considered those most appropriate held at the scale adopted for England, Wales and Scotland in the 1840's, in 1:2500 the 1:2,500 scale was adopted for mapping urban areas and by 1:10 it covered the whole of Great Britain. The published date given on the plan is often a few years later than the surveyed date. Before 1:10,000 maps were based on the Ordnance Survey, each historical map sheet of a single county or group of counties, giving date of publication in consecutive series.

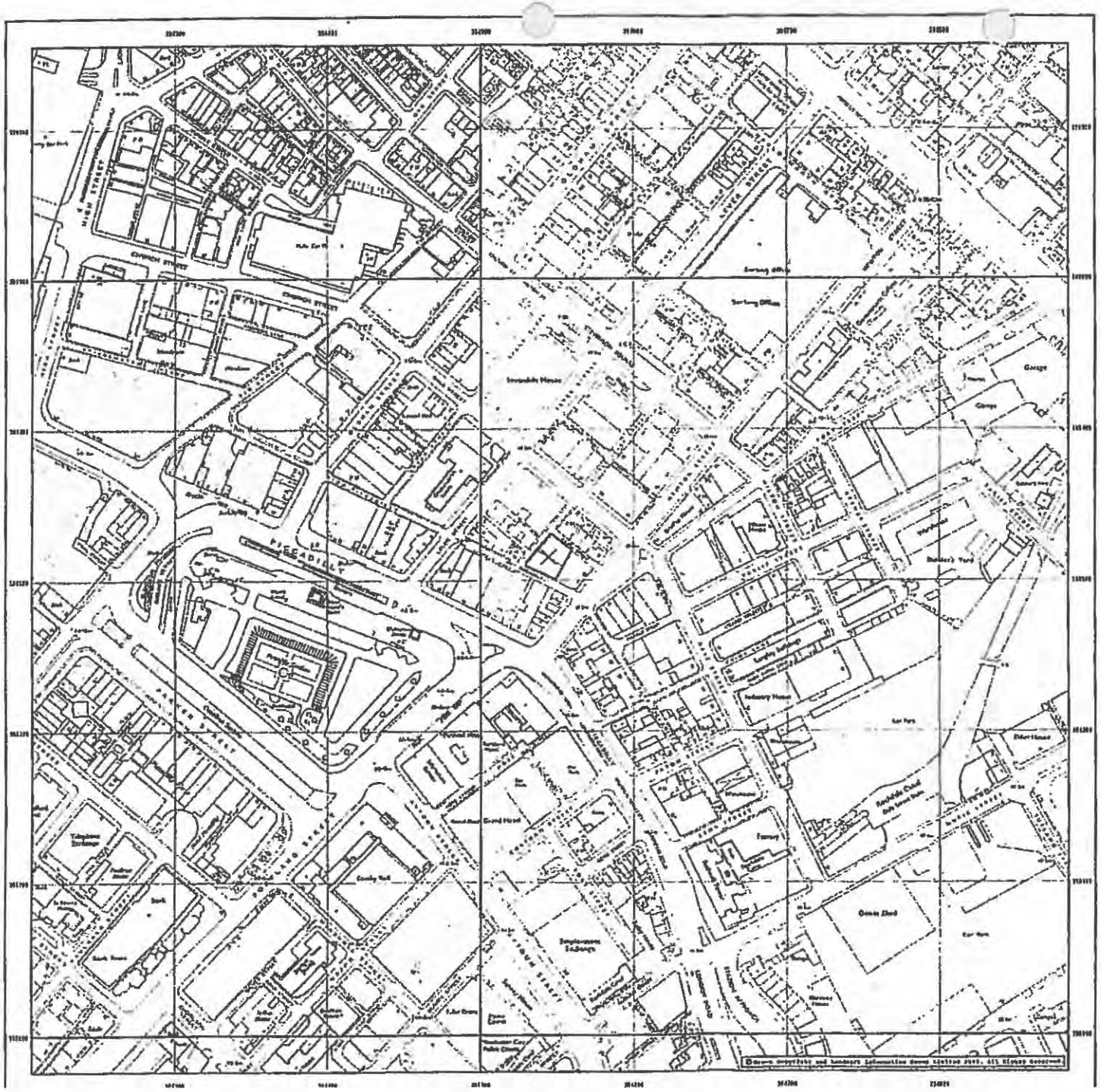
ORDNANCE SURVEY PLAN
Published 1971 to 1986
Source map scale - 1:1,250

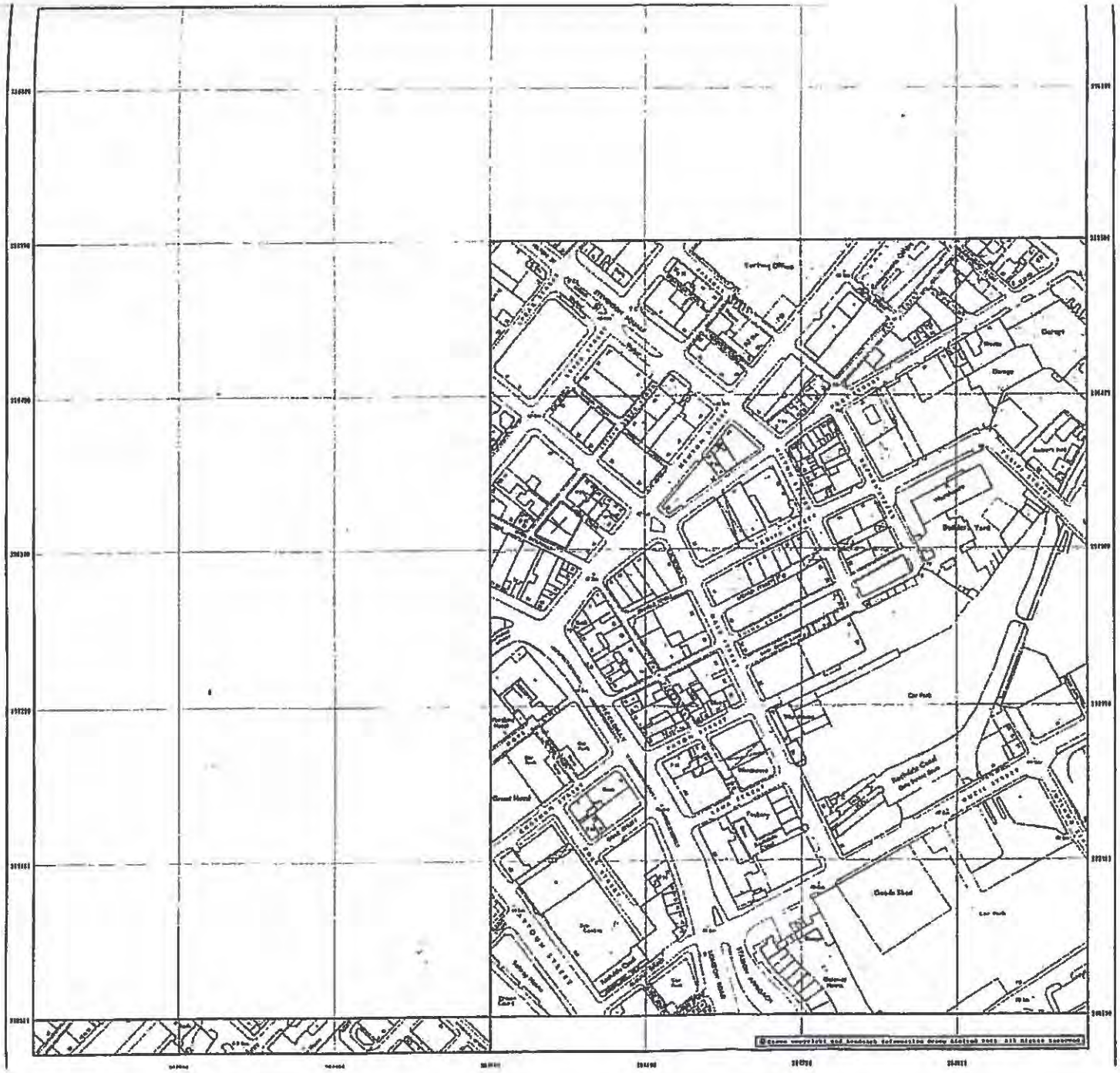


Date(s) of Publication

Ordnance Survey Licensed Partner

LANDMARK Information Group


PICCADILLY
CHURCH STREET
PORTER STREET
OLDHAM STREET
NEWTON STREET
Sorting Office
Sorting Offices
Ancoats House
Ashberry House
Ashberry Chambers
Lloyds Bank
Lloyds Bank House
Lloyds Bank Chambers
Ashberry Chambers
Ashberry House
Ashberry Chambers
Ashberry House
Ashberry Chambers
Ashberry House



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CLIENT DETAILS Envirocheck Order No. EC14032831_1_1

Customer Ref: 6 Thornes,STB01FRD
Solicitors
Cedar Barn White Lodge
Northampton
NN6 8PY

SITE DETAILS Grid Reference 384540 398320

38 Back Piccadilly

Manchester
M1 1HE

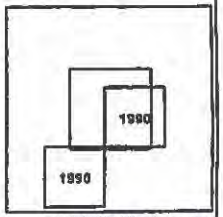
Historical Map Legend

- Inactive Quarry, Chalk Pit or Clay Pit
- Active Quarry, Chalk Pit or Clay Pit
- Culvert
- Slope
- Slope
- Pylon
- Electricity Transmission Line
- Direction of Water flow
- Coppice, Osier
- Marsh
- Saltings
- Orchard Tree
- Reeds
- Rough Grassland
- Scrub
- Heath
- Bracken
- Coniferous Tree (Surveyed)
- Coniferous Tree (Not Surveyed)
- Non-coniferous Tree (Surveyed)
- Non-coniferous Tree (Not Surveyed)

Additional Sills 2

The OS sheets (Ordnance Survey's 'Survey of Interest to an Alteration') are various, often editions of mapping which were produced and published in between the main editions as set out above. They date from 1847 to 1975, and contain detailed information on buildings, roads and features. They are maps were produced at both 1:2,500 and 1:10,560 scales.

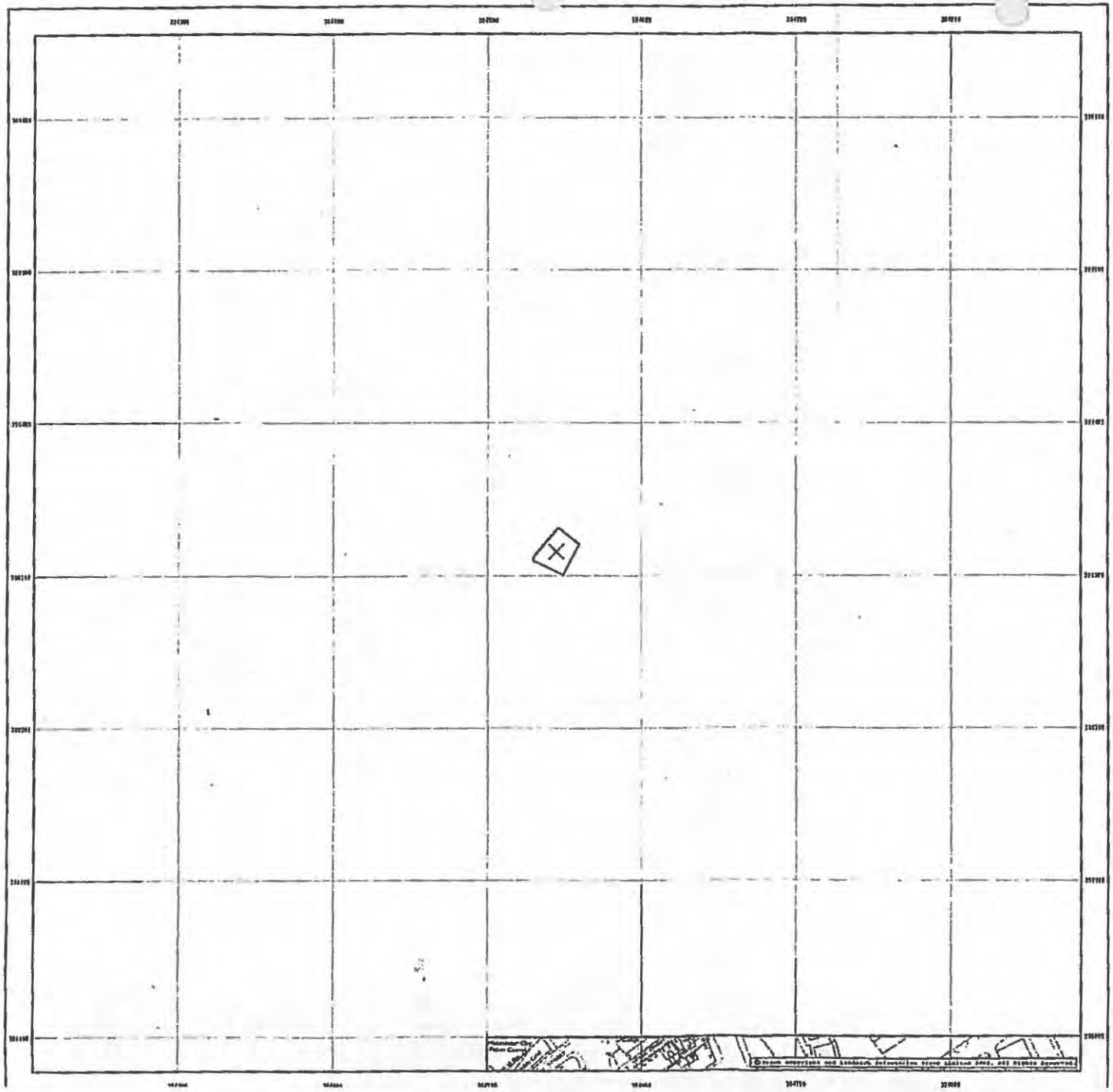
ORDNANCE SURVEY PLAN
Published 1890
Source map scale - 1:1,250



Date(s) of Publication

Ordnance Survey (Partner)

LANDMARK Information Group



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CLIENT DETAILS Envirocheck Order No. EC14832631_1_1

Customer Ref: [illegible]
Selfbooks
Cedar Barn White Lodge
Northampton
NN4 9PY

SITE DETAILS Grid Reference 384540 398320

31 Bank Piccadilly

Manchester
M1 1HE

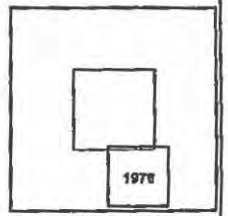
Historical Map Legend

- Inactive Quarry, Chalk Pit or Clay Pit
- Active Quarry, Chalk Pit or Clay Pit
- Culvert
- Slope
- Slope
- Pylon
- Electricity Transmission Line
- Direction of Water flow
- Coppice, Osier
- Marsh
- Saltings
- Orchard Tree
- Reeds
- Rough Grassland
- Scrub
- Heath
- Bracken
- Coniferous Tree (Surveyed)
- Coniferous Tree (Not Surveyed)
- Non-coniferous Tree (Surveyed)
- Non-coniferous Tree (Not Surveyed)

Supply of Unpublished Survey Information 1

[illegible]

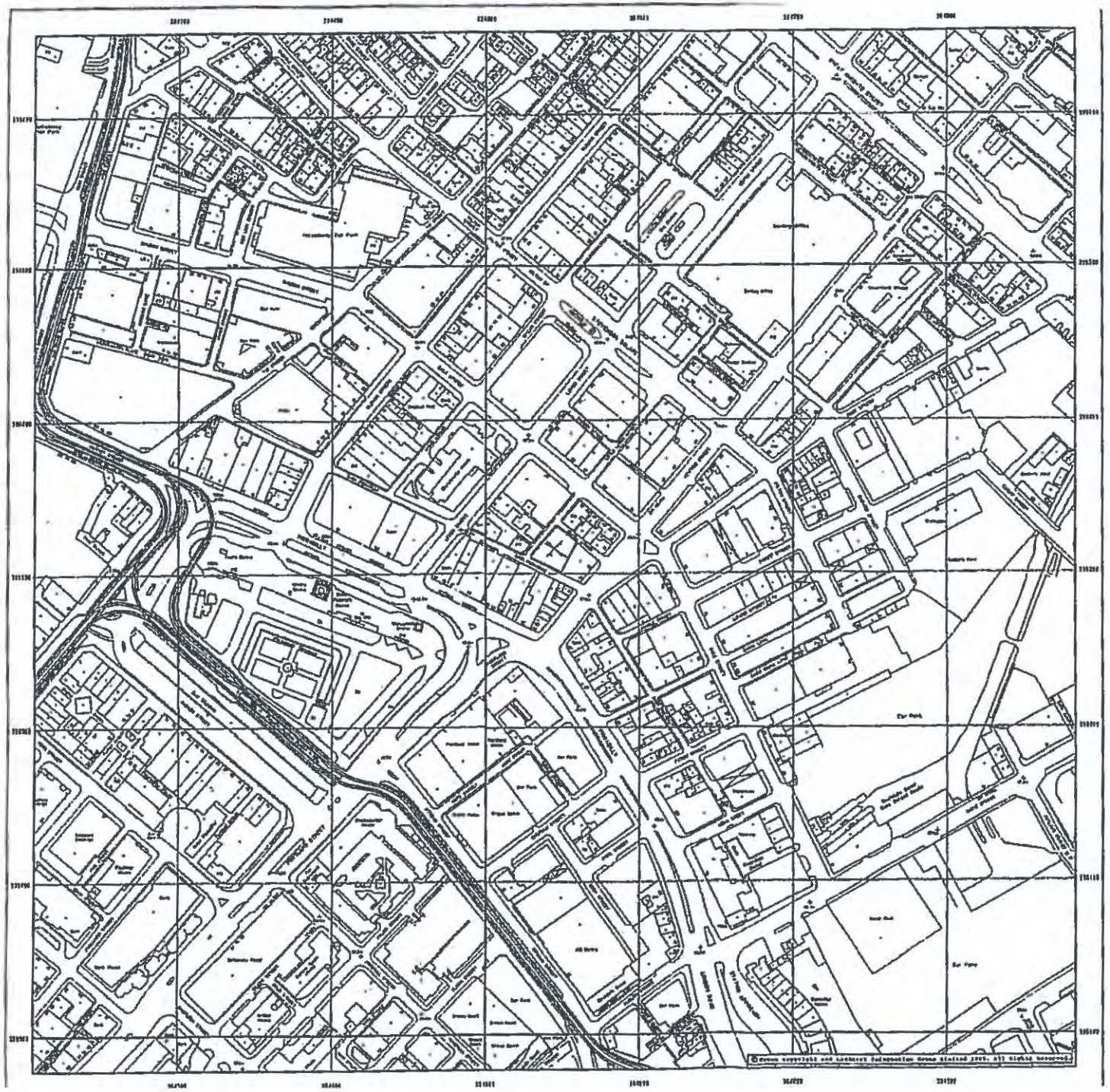
ORDNANCE SURVEY PLAN
Published 1976
Source map scale - 1:1,250



Date(s) of Publication [illegible]

Ordnance Survey Partner

LANDMARK Information Group



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CLIENT DETAILS Envirocheck Order No. EC14832831_1_1

Customer Ref: Mr B Thomson, ST2041813
Salisbrooke
Cedar Barn Stone Lodge
Harlescombe
GL6 6PY

SITE DETAILS Grid Reference 384540 398320

26 Bark Piccadilly

Manchester
M1 1HZ

Historical Map Legend

Slope

Slope

Bench Mark

Wells

Buildings with Building Seed

Direction of Water flow

Pylon

Electricity Transmission Line

Administrative Boundaries

Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Large-Scale National Grid Data 1

"Large Scale National Grid Data" was created 2001 using [illegible] to 1995, and continued to be produced until 2015. These maps were the first instance of digital mapping and so provide detailed information on boundaries and land use, but tend to show less topographic features such as vegetation. These maps were produced at both 1:1,250 and 1:2,500 scales.

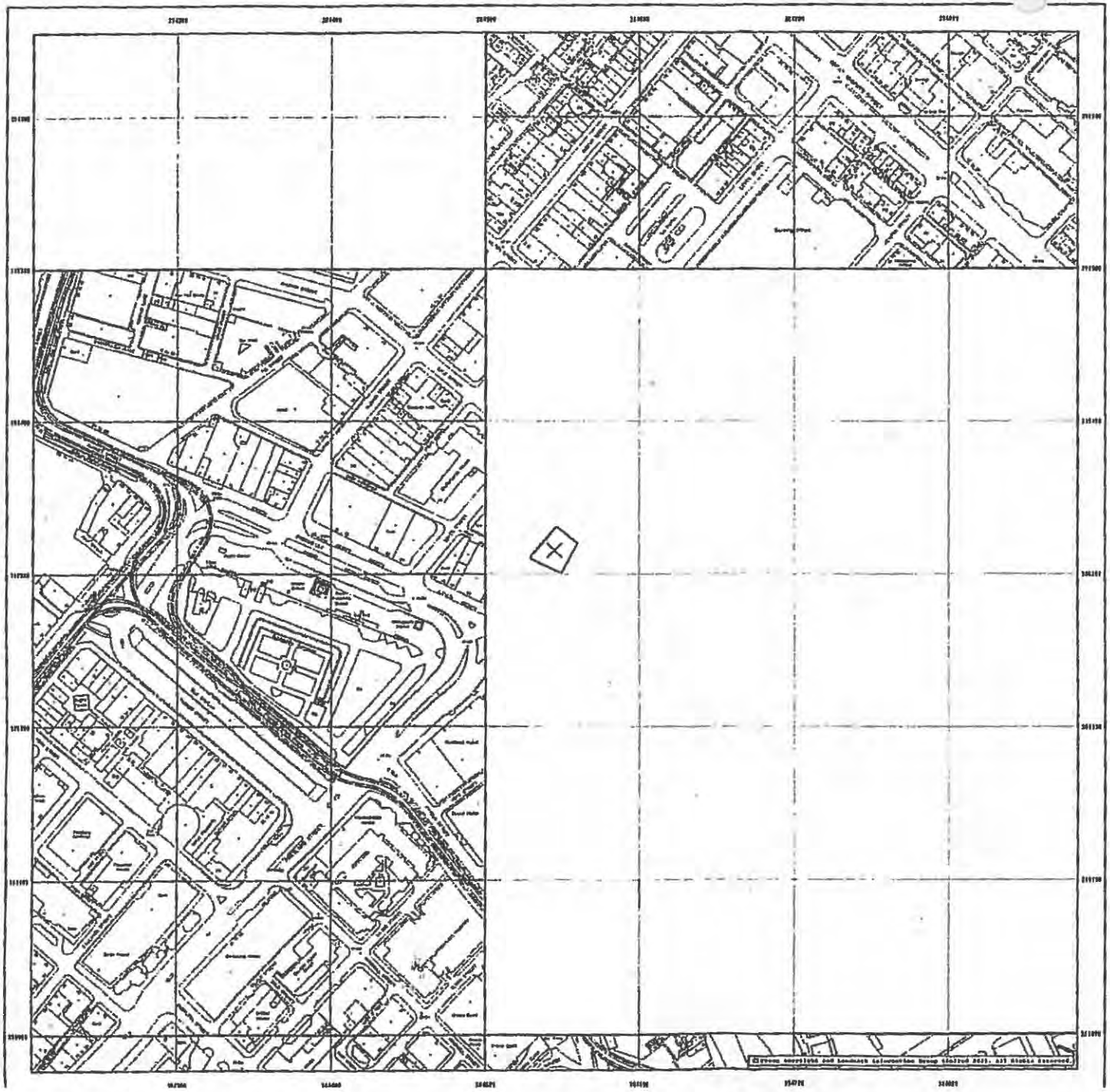
ORDNANCE SURVEY PLAN
Published 1992
Source map scale - 1:1,250

1992	1992
1992	1992
1992	1992

Date(s) of Publication

Ordnance Survey Licensed Partner

LANDMARK Information Group



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A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14832831_1_1

Customer Ref: Mr S Thomas_STOCKPORT
Solicitors
Cedar Barn White Lodge
Northampton
NN6 0PY

SITE DETAILS Grid Reference 384540 398320

33 Brook Piccadilly

Manchester
M1 1HZ

Historical Map Legend

Slope — Slope

Bench Mark — Wells — Buildings with Building Seed

Direction of Water flow — Pylon — Electricity Transmission Line

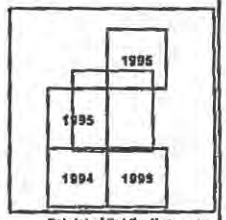
Administrative Boundaries

- Civil parish/community boundary
- District boundary
- County boundary
- Boundary post/stone
- Boundary meeting symbol (note: these always appear in opposed pairs or groups of three)

Large-Scale National Grid Data 2

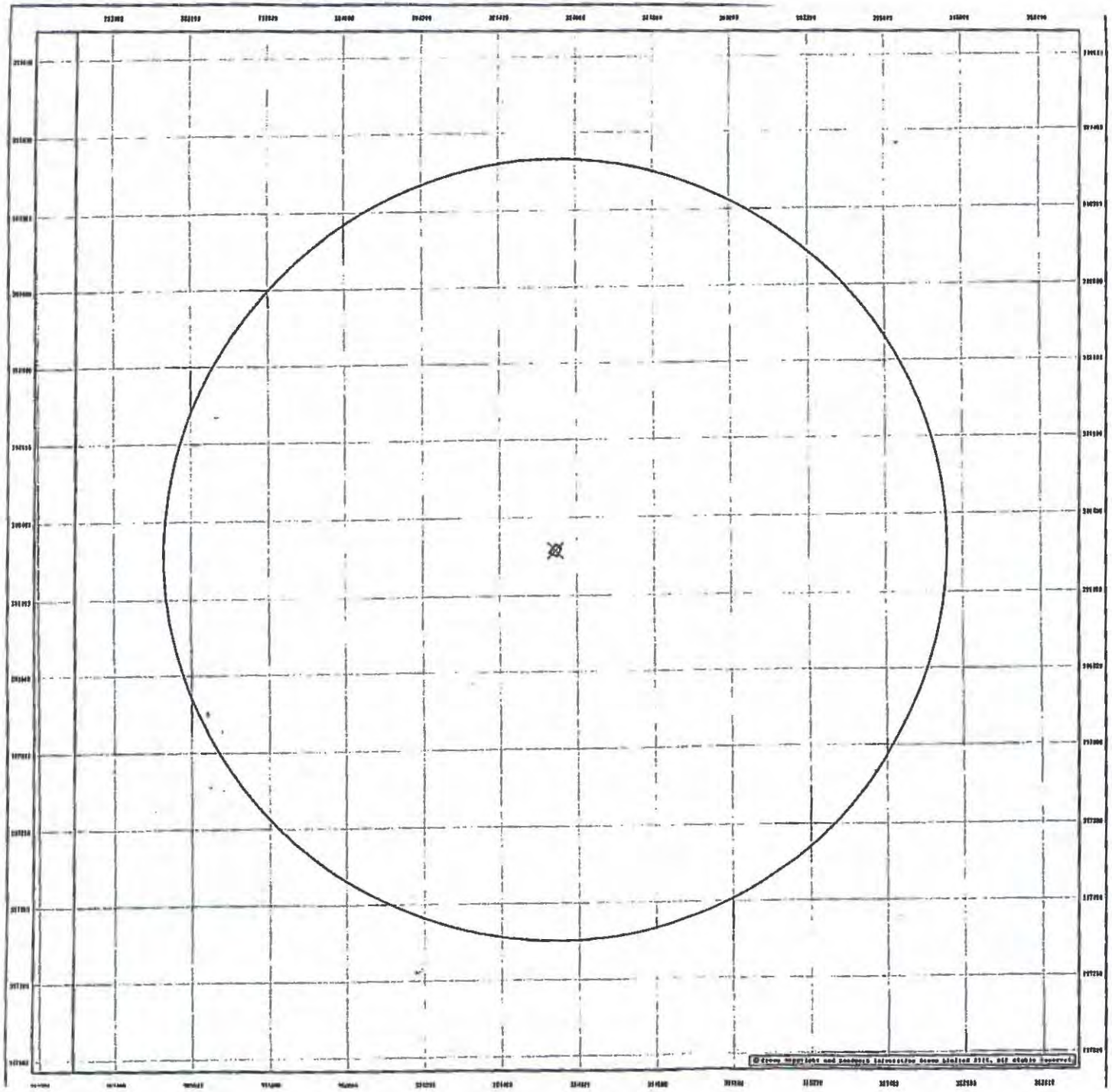
'Large-Scale National Grid Data' comprises the 1:1250 and 1:2500 scale Ordnance Survey's 'Survey of Information as Mapped' in 1113, and continued to be produced until 1995. These maps were the first-ever set of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps are produced at both 1:1,250 and 1:2,500 scales.

ORDNANCE SURVEY PLAN
Published 1994 to 1995
Source map scale - 1:1,250



Date(s) of Publication

Ordnance Survey
LANDMARK Information Group



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CLIENT DETAILS Envirocheck Order No. EC14632631_1_1

Customer Ref: Mr B Thomas,BTB04210
Edmondsales
Cedar Barn White Lodge
Northampton
NN6 6PY

SITE DETAILS Grid Reference 384540 398320

22 Back Piccadilly

Manchester
M1 1HZ

Historical Map Legend

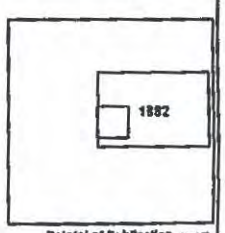
Quarry
Shingle
Railway over Road
Road over Railway
Gravel Pit
Sand Pit
Level Crossing
Railway over River
Other Pits
Road over Stream
Road over Stream
Rough Pasture
Furze
Road over River or Canal
Marsh
Reeds
Sunken Road
Raised Road
Osiers
Instrumental Contour
Arrow denotes flow of Water
Sketched Contour

Ordnance Survey County Series

The historical maps shown were copied from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1853 the 1:63,360 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given on the right identifies to which survey year data shown on the surveyed date. Before 1914, all OS maps were based on the Cassini Projection, with the equivalent surveys of a single county or group of counties, giving rise to significant inaccuracies in mapping grids.

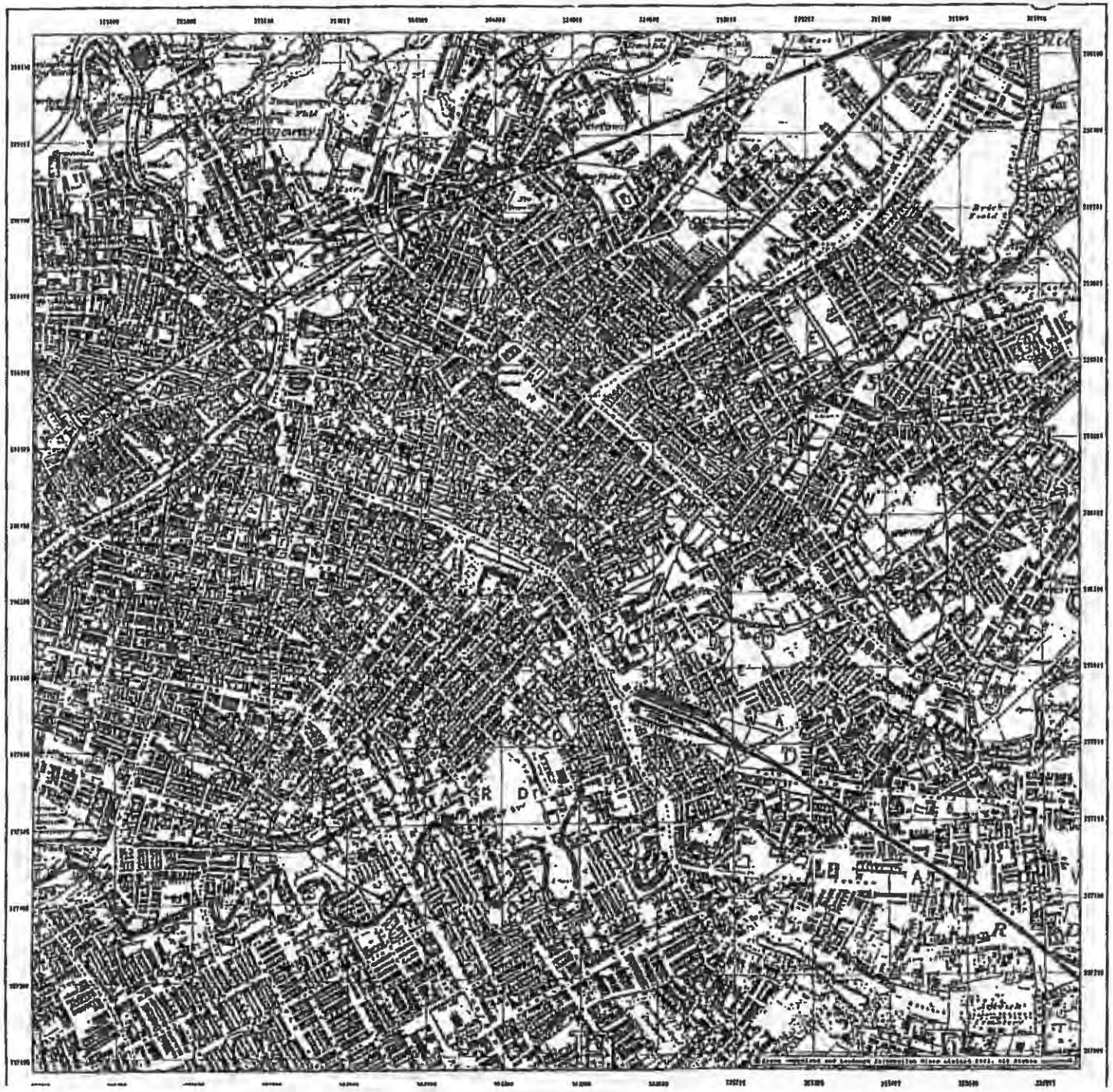
In the late 1910's, a Provisional Edition was produced, which updated the 1:21,120 mapping from a variety of sources. The maps were published with all military names and other strategic sites removed. These maps were largely superseded with the National GRS. In 1973, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

CHESHIRE
Published 1882
Source map scale - 1:10,560



Date(s) of Publication

Ordnance Survey
LANDMARK Information Group



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A Landmark product

CLIENT DETAILS Envirocheck Order No. EC146327631_1_1

Customer Ref: B Thomas,07866700
Oxfordshire
Cedar Barn White Lodge
Northampton
NN4 0PT

SITE DETAILS Grid Reference 384540 398320

35 Back Piccadilly

Manchester
M1 1HE

Historical Map Legend

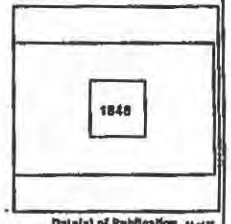
- Quarry
- Shingle
- Railway over Road
- Road over Railway
- Gravel Pit
- Sand Pit
- Level Crossing
- Railway over River
- Other Pits
- Road over Stream
- Road over Stream
- Rough Pasture
- Furze
- Road over River or Canal
- Marsh
- Reeds
- Sunken Road
- Raised Road
- Osiers
- Instrumental Contour
- Arrow denotes flow of Water
- Sketched Contour

Ordnance Survey County Series 1

The 1st edition map shown was represented from maps predominantly held at the scale adopted for England, Wales and Scotland at the 1:10560 i.e. 1:10,560 scale was adopted for mapping urban areas (those towns and cities that had a population in excess of 10,000 in the 1851 census). This published date given on the right is prior to all new towns but does the surveyed date. Before 1936, 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 overlying areas.

In the late 1940's, a Provisional Edition was produced, which united the 1:10,560 mapping from a number of sources. The maps appear unlabelled - with all military names and other sensitive sites removed. These were now liability exceptional with the National data. In 1970, the final 1:1,250 maps were produced using the Universal Transverse Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

LANCASHIRE AND FURNESS
Published 1848
Source map scale - 1:10,560



Date(s) of Publication

Ordnance Survey Licensed Partner

LANDMARK Information Group



Envirocheck

A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14832#31_1_1

Customer Ref: Mr S Thomas, ST20C210
St Stephens
Cedar Bank White Lodge
Northampton
NN1 5PT

SITE DETAILS Grid Reference 384540 398320

32 Back Piccadilly

Manchester
M1 1HB

Historical Map Legend

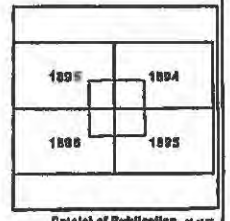
Quarry
Shingle
Railway over Road
Road over Railway
Gravel Pit
Sand Pit
Level Crossing
Railway over River
Other Pits
Road over Stream
Road over Stream
Rough Pasture
Furze
Road over River or Canal
Marsh
Reeds
Sunken Road
Raised Road
Osiers
Instrumental Contour
Arrow denotes flow of Water
Sketched Contour

Ordnance Survey County Series

The historical maps shown were reproduced from maps previously held at the scale surveyed for England, Wales and Scotland in the 1840's. A 1:1056 (5 = 1 mile) scale was adopted for mapping urban areas; these maps were used to survey the 1:2,500 maps. The published date given on the right hand corner is often some years later than the surveyed date. Before 1935, all OS maps were based on the Cassini Projection, with many not new surveys of a single county or group of counties, giving rise to significant inconsistencies in mapping errors.

In the late 1840's a Provisional Edition was produced, which was dated on 1:10,560 mapping from a number of surveys. The maps were published - with all military names and relief (Hachure) shading removed. These maps were initially completed with the National Grid. In 1935, the New 1:10,560 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.

LANCASHIRE AND FURNESS
Published 1894 to 1896
Source map scale : 1:10,560

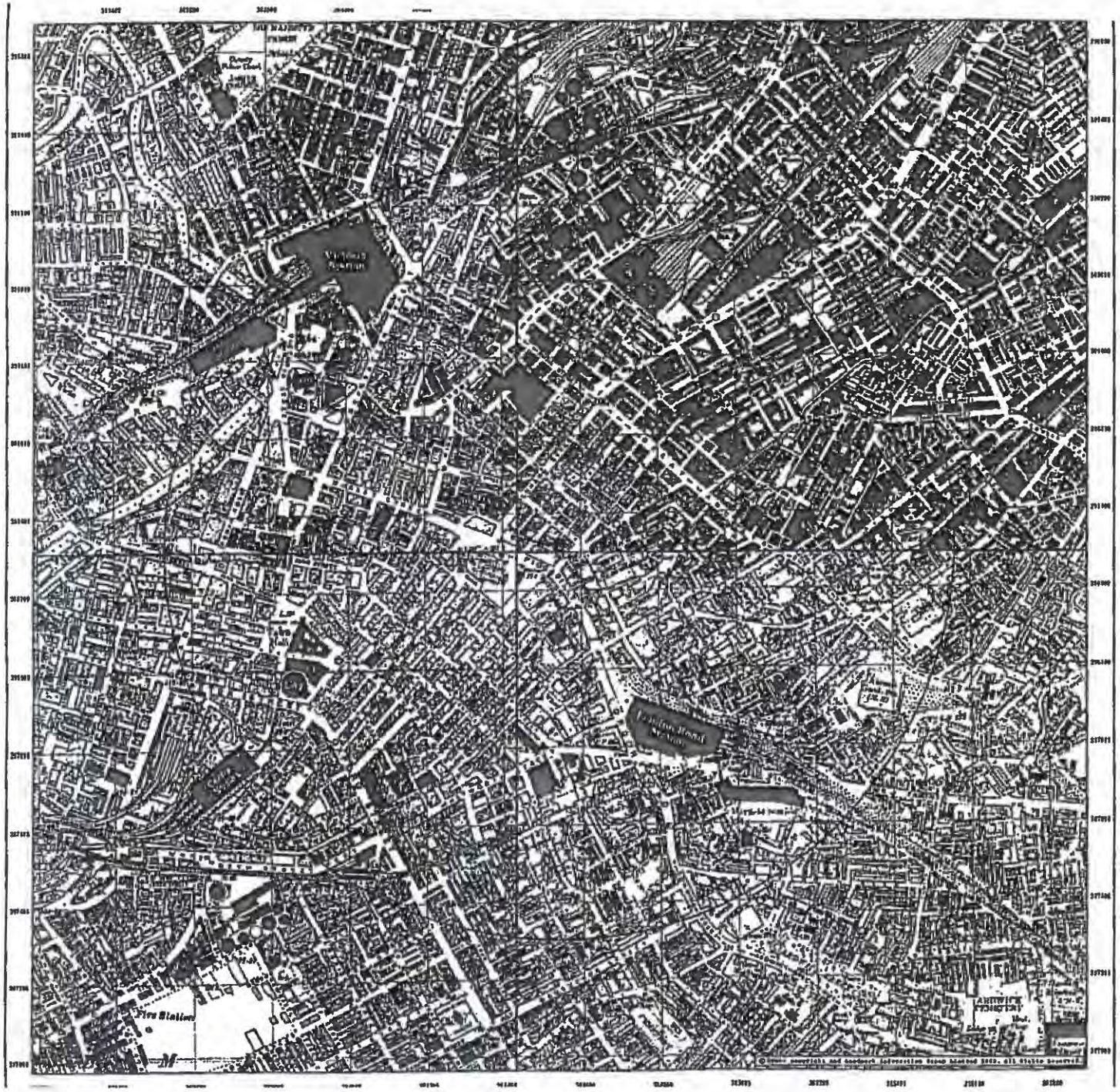


Date(s) of Publication

Ordnance Survey Licensed Partner

LANDMARK Information Group


Bore Works
Sewage Works
Gas Works
Cemetery
Cemetery
Cemetery



Envirocheck
A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14832831_1_1

Customer Ref: Mr D Thomson, ST095303
Bellbrooks
Cedar Barn White Lodge
Northampton
NN2 8PY

SITE DETAILS Grid Reference 384540 398320

38 Back Piccadilly

Manchester
M1 1HZ

Historical Map Legend

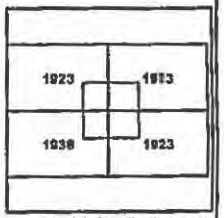
- Quarry
- Shingle
- Railway over Road
- Road over Railway
- Gravel Pit
- Sand Pit
- Level Crossing
- Railway over River
- Other Pits
- Road over Stream
- Road over Stream
- Rough Pasture
- Furze
- Road over River or Canal
- Marsh
- Reeds
- Sunken Road
- Raised Road
- Osiers
- Instrumental Contour
- Arrow denotes flow of Water
- Sketched Contour

Ordnance Survey County Series

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland for the 1:500 to 1:2500 the 6 inch to the mile (1:10,560) scale was adopted for mapping urban areas. These maps were then published at the 1:10,560 scale. The published date given on the right therefore in other cases years later than the surveyed date. Before 1854, all OS maps were based on the Principal Triangulation, with first-generation surveys of a single county or group of counties, giving rise to significant inaccuracies in mapping across.

In the late 19th C, a Revision of County maps was produced, which replaced the 1:10,560 mapping from a number of sources. The maps are now published at - with all military maps and other strategic sites removed. These maps were initially completed with the Trafford 6th, in 1974, the final 1:10,560 maps were produced using the Ordnance Survey Revision. This revision process continued until recently, with new editions appearing every 15 years or so for urban areas.

LANCASHIRE AND FURNESS
Published 1923 to 1938
Source map scale - 1:10,560

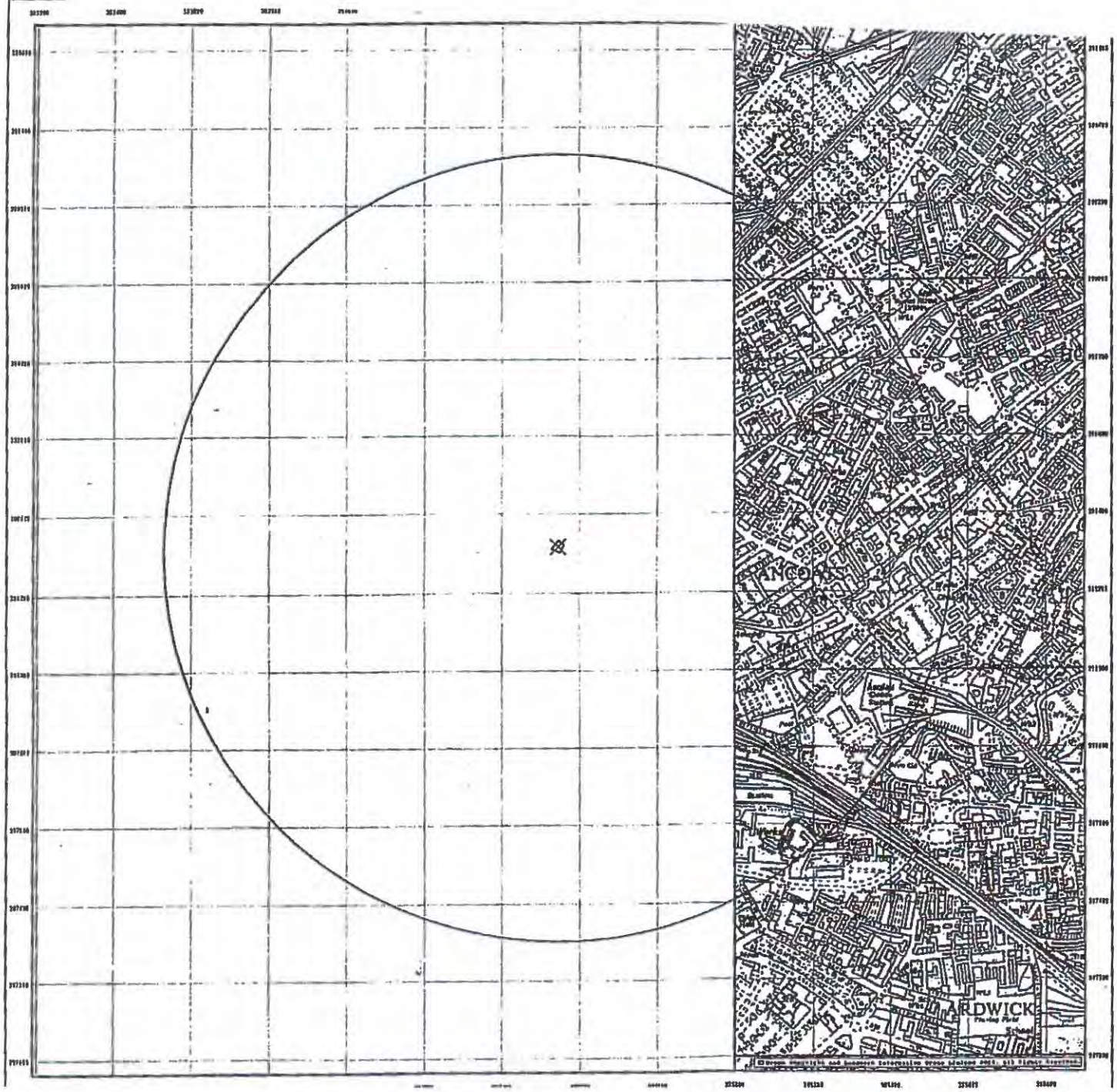


Date(s) of Publication shown

Ordnance Survey licensed partner

LANDMARK Information Group


Victoria
Victoria Station
Victoria Station Approach
Victoria Bridge
Victoria Bridge Street
Victoria Street
Victoria Square
Victoria Square Shopping Centre
Victoria Square Car Park
Victoria Square Multi-Storey Car Park
Victoria Square Car Park
Victoria Square Car Park
Victoria Square



A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: Mr S Thompson_ST8919DD
Rathbones
Cedar Barn Wilds Lodge
Northampton
NN6 9PY

SITE DETAILS Grid Reference 384540 398320

28 Bank Plowcroft
Manchester
M1 1HE

Historical Map Legend

- Chalk Pit, Clay Pit, or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Direction of Flow of Water
- Cutting
- Embankment
- Road Under
- Road Over
- Level Crossing
- Foot Bridge
- Non-coniferous Trees
- Coniferous Trees
- Scrub
- Lake, Loch or Pond
- Pylon
- Electricity Transmission Line
- Pole
- Shingle
- Sand
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge
- Bracken
- Heath
- Rough Grassland
- Reeds
- Saltings
- Marsh

Ordnance Survey Plan 2

This historical map shows maps reproduced from maps previously held at the scale detailed for England, Wales and Scotland in the 1:10" c. to 1:64 the 1:2,500 scale was adopted for mapping urban areas. Some maps were used to update the 1:10,560 maps. The publication date given on the right therefore is often some years later than the surveyed date. Before 1854, all OS maps were based on the Bonne Projection, with the exception of a single county or group of counties, plotted due to significant inaccuracies in existing work.

In the late 1940's, a Provisional Edition was produced, which revised the 1:10,560 mapping from a number of sources. The maps appear undivided + with all military names and other strategic sites removed. These were then initially overlaid with the National Grid. In 1973, the first 1:1,250 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.

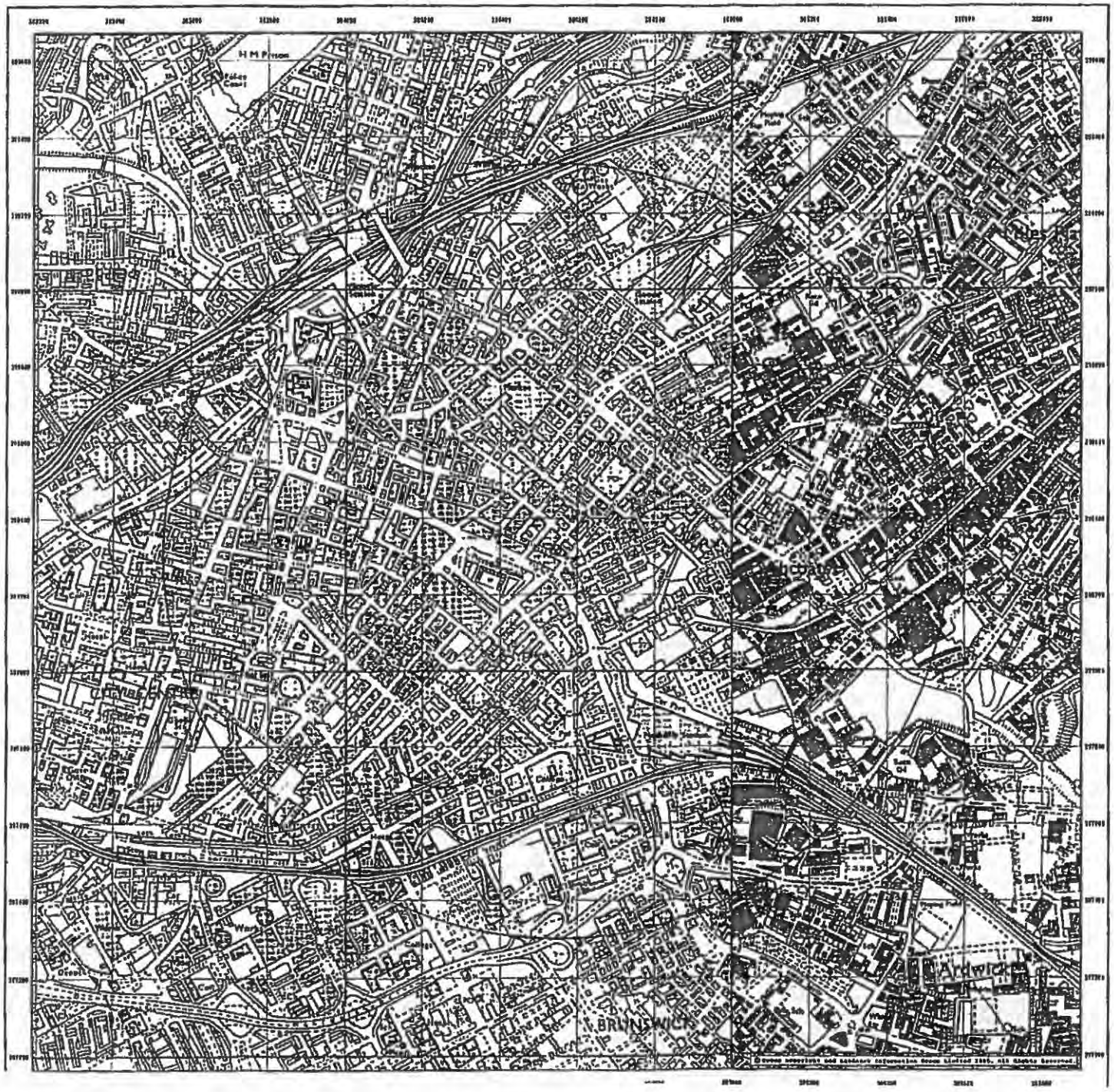
ORDNANCE SURVEY PLAN
Published 1968
Source map scale - 1:10,560

1968

Date(s) of Publication

Ordnance Survey

LANDMARK Information Group



Envirocheck®
A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: a Thomson, BT8 8EH
Southwood
Cedar Barn White Lodge
Northampton
NN3 9PY

SITE DETAILS Grid Reference 384540 398320

35 Bank Hey City

Manchester
M1 5HE

Historical Map Legend

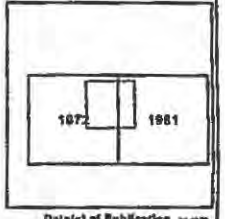
Chalk Pit, Clay Pit, or Quarry
Non-coniferous Trees
Bracken
Gravel Pit
Coniferous Trees
Heath
Sand Pit
Scrub
Rough Grassland
Lake, Loch or Pond
Disused Pit or Quarry
Tylen
Reeds
Electricity Transmission Line
Refuse or Slag Heap
Pole
Saltings
Direction of Flow of Water
Marsh
Shingle
Sand
Cutting
Embankment
Standard Gauge Multiple Track
Road 'I' Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge SingleTrack
Siding, Tramway or Mineral Line
Narrow Gauge

Ordnance Survey Plan 1

The historical maps shown were reproduced from maps post ordinarily held at the scale selected for England, Wales and Scotland in the 1:500 to 1:10,560 (1:2,500 scale was adopted for mapping urban areas). Some maps were used to update the 5,152,000 maps. The published date given on the right therefore is when a new survey was first undertaken. Before 1935, all OS maps were based on the Cassini Projection, with subsequent surveys of a single county or group of counties, giving rise to significant inaccuracies in tallying sheets.

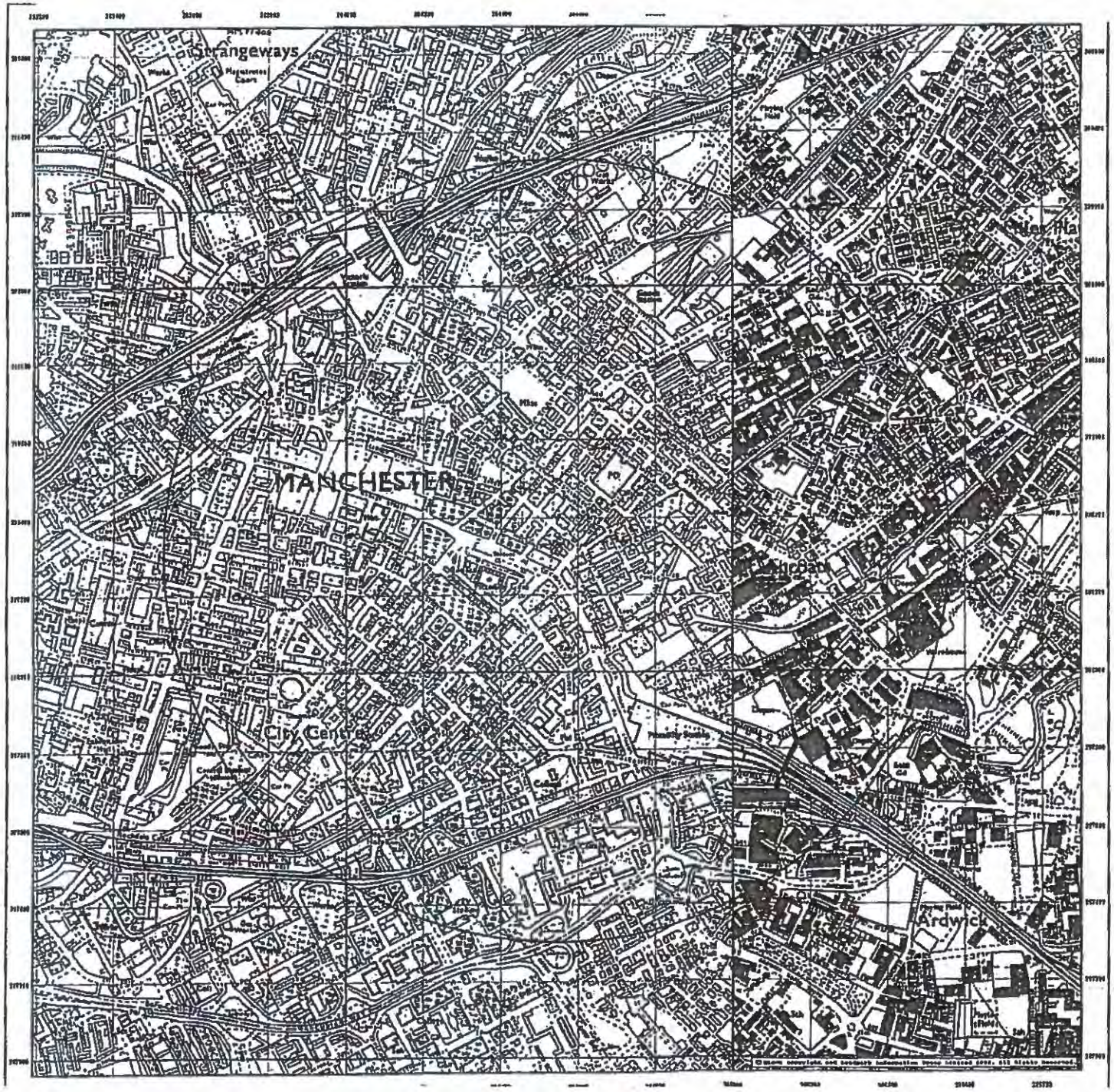
In the late 1940's, a Provisional 1:625 series was produced, which up-dated the 1:10,560 mapping from a number of sources. This series suffered a number of setbacks, all military names and other strategic sites removed. These maps were hastily amalgamated with the first and third, in 1973, the final 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 25 years or so for urban areas.

ORDNANCE SURVEY PLAN
Published 1972 to 1981
Source map scale - 1:10,000



Date(s) of Publication

Ordnance Survey
LANDMARK Information Group



Envirocheck

A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: Mr S Thomson, 07590210
Balfrechnie
Cedar Barn White Lodge
Northampton
NN6 6PY

SITE DETAILS Grid Reference 384540 398320

33 Back Piccadilly

Manchester
M1 1HE

Historical Map Legend

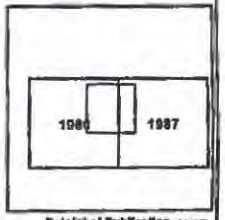
- Chalk Pit, Clay Pit, or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Direction of Flow of Water
- Shingle
- Sand
- Cutting
- Embankment
- Road "I" Under
- Road Over
- Level Crossing
- Foot Bridge
- Non-coniferous Trees
- Coniferous Trees
- Scrub
- Lake, Loch or Pond
- Pylon
- Electricity Transmission Line
- Pole
- Bracken
- Heath
- Rough Grassland
- Reeds
- Saltings
- Marsh
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge

Ordnance Survey Plan 2

The historical maps shown were reproduced from maps permanently held at the Ordnance Survey, Southampton in the 1980's. In 1994 the 1:2,500 scale was adopted for mapping urban areas and these were used to produce the 1:2,500 maps. The published maps were on the right themselves to within 1000 years from the surveyed date. Before 1914, 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 overlying areas.

In the late 1940's, a Provisional Edition was produced, which updated the 1:2,500 mapping from a limited set of sources. The maps appear published + with all of library stamps and other straight edge where removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:1,250 maps were produced using the Photomap Restitution Projection. The complete range of maps was recently, with new editions appearing every 15 years or so for urban areas.

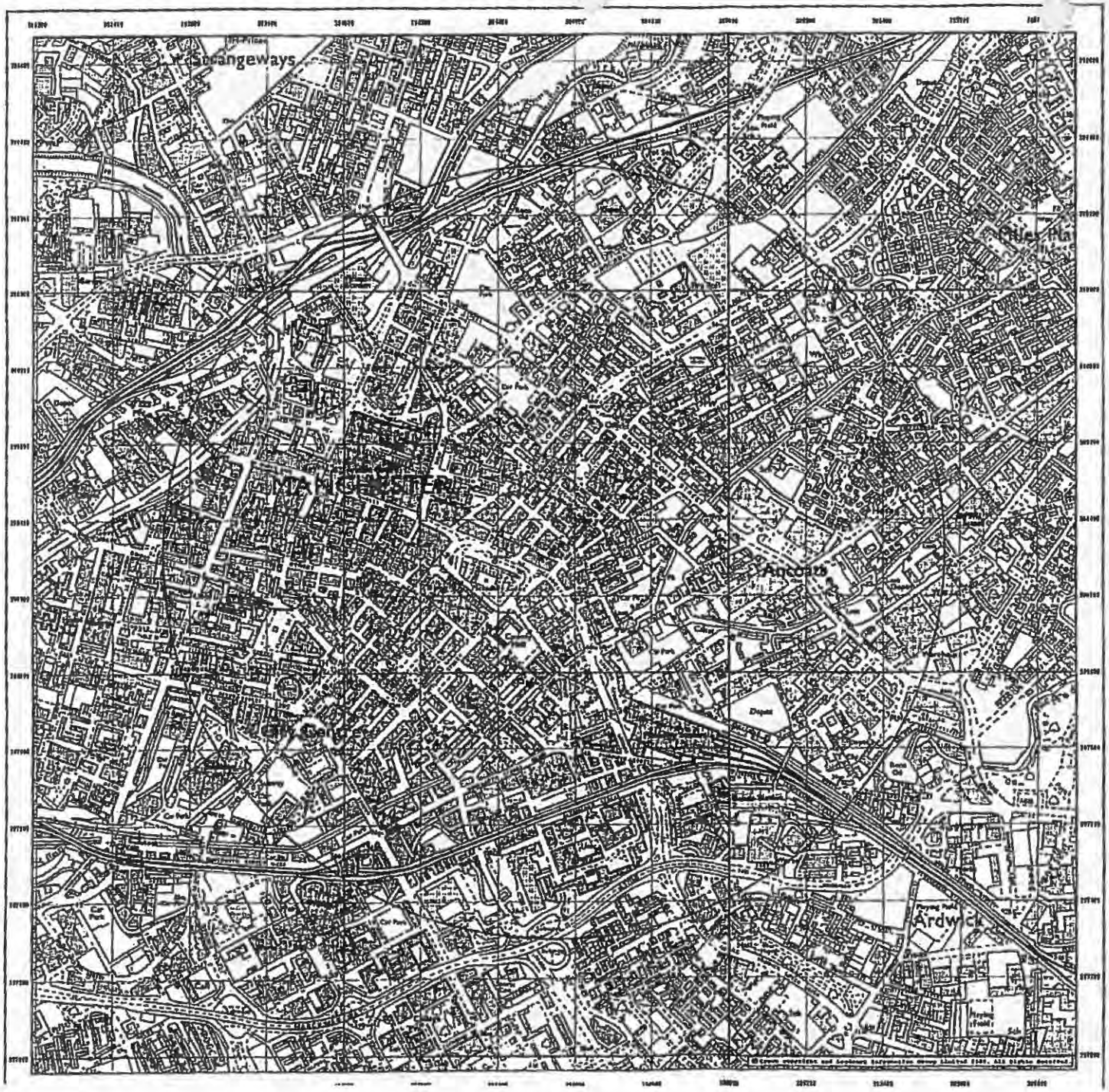
ORDNANCE SURVEY PLAN
Published 1980 to 1987
Source map scale - 1:10,000



Date(s) of Publication

Ordnance Survey Leisure Partner

LANDMARK Information Group



Envirocheck®

A Landmark® product

CLIENT DETAILS Envirocheck Order No. EC14632831_1_1

Customer Ref: n Tomkins, RTB PE210
Rotherstone
Cedar Bank Works Lodge
Northampton
NN4 6PY

SITE DETAILS Grid Reference 384540 398320

38 Back Piccadilly

Manchester
M1 1HE

Historical Map Legend

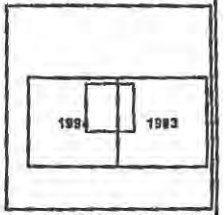
- Chalk Pit, Clay Pit, or Quarry
- Gravel Pit
- Sand Pit
- Disused Pit or Quarry
- Refuse or Slag Heap
- Direction of Flow of Water
- Cutting
- Road 'U' Under
- Non-coniferous Trees
- Coniferous Trees
- Scrub
- Lake, Loch or Pond
- Pylon
- Electricity Transmission Line
- Pole
- Shingle
- Sand
- Embankment
- Road Over
- Level Crossing
- Foot Bridge
- Bracken
- Heath
- Rough Grassland
- Reeds
- Saltings
- Marsh
- Standard Gauge Multiple Track
- Standard Gauge Single Track
- Siding, Tramway or Mineral Line
- Narrow Gauge

Ordnance Survey Plan 3

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1:10K's. In 1:10 the 6:1,560 scale was adopted for mapping urban areas; these maps were used to produce the 1:10,560 maps. The published date given on the right therefore is often some years later than the surveyed date. Before 1:10K, all OS maps were based on the Clarke Projection, with the occasional upsurge of a single county or group of counties, giving rise to significant inaccuracies in mapping terms.

In the late 1:40's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The most recent embodied - with all military survey and other strategic data removed. These maps were initially produced with OS National Grid. In 1971, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The detailed process continued until recently, with new editions appearing every 10 years or so for urban areas.

ORDNANCE SURVEY PLAN
Published 1893 to 1994
Source map scale - 1:10,560



Date(s) of Publication

Ordnance Survey

LANDMARK® Information Group



Envirocheck

A Landmark product

CLIENT DETAILS Envirocheck Order No. EC14832831_1_1

Customer Ref: Mr B Thomson_ST000210
Bellbrooke
Cedar Barn White Lodge
Northampton
NN6 9PT

SITE DETAILS Grid Reference 384540 398320

38 Back Piccadilly

Manchester
M1 1HE

Historical Map Legend

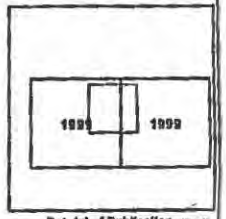
	Non-coniferous Trees		Pylon
	Coniferous Trees		Telephone Line (where shown)
	Orchard		Electricity Transmission Line (with poles)
	Rough Grassland		Gravel Pit
	Heath		Shingle
	Scrub		Refuse Tip or Slag Heap
	Marsh, Salt Marsh or Reeds		Sand
	County Boundary (England only)		Sand Pit
	Civil Parish or Community Boundary		Slopes
	Constituency Boundary		District, Unitary, Metropolitan, London Borough Boundary

10K Raster Mapping

The historical maps shown were produced from the Ordnance Survey's 1:10,560 raster mapping. These maps are derived from Landline® which replaced the old 1:10,560 maps physically published in 1971.

The data is highly detailed showing buildings, fences and field boundaries at true scale on A4 and A3 sheets. Streets and place names are also included together with the relevant road number and class attributes. Boundary information depicts historic county, unitary authority, district, civil parish and constituency.

ORDNANCE SURVEY PLAN
Published 1999
Source map scale - 1:10,000



Date(s) of Publication

Ordnance Survey Licensed Partner

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